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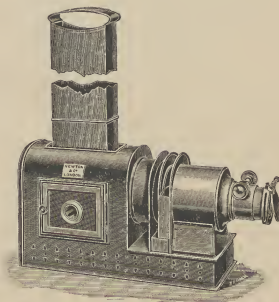
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## CHEAP OIL-LIGHT LANTERN.

This lantern is not of the same high quality as all our other lanterns, being designed to compete with those very low-priced lanterns now so largely placed on the market, which are too cheap to enable the best lenses, &c., to be supplied with them, and which, consequently, give very little satisfaction to the purchaser. This lantern is, however, quite satisfactory in use, although not equal to our A.1. Lantern described on page 2 and figured on page 3; and is infinitely better both in mechanical construction and optical details than the too-cheap and too-common lanterns already referred to.

It can if desired be fitted with other illuminants than oil, but it is decidedly preferable to purchase a better lantern for such purposes.



No. 7992.

7992 Russian Iron Lantern, fitted with brass front, 4-in. diameter double plano-convex condenser, double achromatic front lenses with rack and pinion for focussing, 4-wick oil lamp, and chimney, complete, in Russian iron case with handle for carrying (Fig. 7992) .. .. . £3 3 0

## NEWTON & CO.'S BEST QUALITY OPTICAL LANTERNS.

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The Lanterns in the following pages are all *optically* the same, the lenses, lamps, jets, &c., being throughout of the very best possible quality, and we take the same care, both in manufacturing and in testing, with the cheapest as we do with the most expensive. *The entire difference* in cost is therefore in the style of mounting and finish only, a body of tinned and japanned sheet-iron, for instance, being much cheaper than one made in mahogany with a solid brass front.

In cases where funds are limited, we can therefore most thoroughly recommend the cheapest of these lanterns; but where a little more is available, a more highly-finished instrument is often to be preferred, it being the usual experience that audiences and congregations think far more of a demonstration given with a well-finished lantern than of the same demonstration given with a cheap metal-bodied instrument; besides which, the wooden body keeps far cooler and the brass front is mechanically stronger and will stand more wear and tear, and permits, besides, of more accurate optical centring.

These more expensive bodies are, however, necessarily *heavier*, and hence for portability a metal body is often to be preferred.

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### NEWTON & CO.'S BEST QUALITY

#### A.1. OPTICAL LANTERN,

#### With Japanned Metal Body and Brass Front.

This is the very cheapest of our *best-quality* Optical Lanterns. In it we have the utmost efficiency combined with the minimum of cost. The body is strongly and well made of stout sheet-iron tinned and japanned. This material we find the *best* for lightness and strength, as it makes the lantern very light and portable, while its durability far exceeds that of Russian iron, particularly in damp climates. Owing to the comparatively inexpensive nature of the body, we are enabled to fit the finest quality lenses to this lantern without excessive cost. The condensers are 4 in. diameter, and are accurately ground and worked. The instrument can be provided with a front lens of suitable focus in order to suit the size of the room or hall where it is to be worked, or several different lenses of varying foci can be supplied with it if required. These small bodies are not, however, very suitable for long-range work, and we do not recommend them for halls more than 30 ft. long, at the outside.

Although for the sake of portability it may occasionally be worth while to buy a small lantern such as our "Miniature" Lantern for Acetylene or Lime Light, yet the advantage of so permanent an instrument as a good lantern being large enough to take any form of illuminant is so great as to outweigh in most cases the disadvantage of the very slightly increased size.

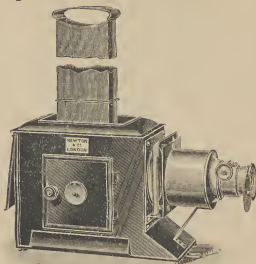
This lantern, being made to our Universal Standard Gauges throughout, can be fitted with any of the usual illuminants employed in lantern work, such as oil, incandescent gas, acetylene, lime light, or electric light, in their various forms. We do not, however, recommend it for a powerful mixed jet or arc lamp, as the small metal body becomes rather hot under these circumstances.

The form of the lantern is shown in Fig. 7993, and the cost, fitted with various lighting systems, is given on pages 3 and 4.

## NEWTON & CO.'S BEST QUALITY A.1. OPTICAL LANTERN,

With Japanned Metal Body and Brass Front.

FITTED  
WITH  
FINEST  
QUALITY  
LENSES.



AWARDED  
NUMEROUS  
DIPLOMAS  
OF HONOUR  
AND PRIZE  
MEDALS.

No. 7993.

### A.1. METAL-BODIED OPTICAL LANTERN, Fitted with Oil Light.

- 7993 A.1. Metal-bodied Optical Lantern (Fig. 7993), as described on page 2,  
with 4-in. condensers,  $4\frac{1}{2}$ -in. double achromatic objective, and 3-wick  
"Newtonian" oil lamp, &c., complete, in portable case .. .. £4 4 0
- 7994 A.1. Metal-bodied Optical Lantern (Fig. 7993) as above, but fitted with  
4-wick "Newtonian" oil lamp, complete, in portable case .. .. 4 10 0

*This lantern, No. 7994, is very largely in use in public and private schools and in country parishes, and large numbers are at work in the Mission field. It will show an excellent picture up to 10 ft. or more in diameter.*

### A.1. METAL-BODIED OPTICAL LANTERN. Fitted with Incandescent Gas Light.

- 7995 A.1. Metal-bodied Optical Lantern (Fig. 7993), as described on page 2,  
fitted with incandescent gas burner, complete, in portable case .. .. £4 2 6

**Note.**—We consider the  $4\frac{1}{2}$ -in. objective fitted to the above three lanterns to be usually the best for an oil lamp or incandescent gas burner. For acetylene, lime, or Nernst electric light, we prefer a 6-in. focus lens. To a certain extent, however, it depends upon the shape of the hall, as with a 6-in. lens the lantern has to be placed rather further from the screen to produce the same result.

A 6-in. objective costs 9s. more than a  $4\frac{1}{2}$ -in., and this difference must be allowed for if another lens is required than that catalogued. Speaking generally, however, longer focus lenses require a more powerful light, on account of the absorption of the atmosphere. If the illumination is strong enough, 10-in. or longer focus lenses may be employed in halls where it is most convenient to place the lantern some distance back from the screen. (See Long-Range Lanterns, page 10.)

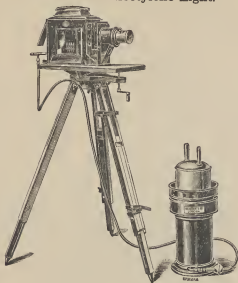
### A.1. METAL-BODIED OPTICAL LANTERN, Fitted with Acetylene Light.

Complete  
Acetylene Outfit.

Very simple.

Absolutely safe.

Thoroughly  
Efficient.



With this  
instrument a  
brilliant picture can  
be shown,  
clear, sharp, and  
well-defined,  
of any size up to  
12 ft. in diameter.

No. 7996.

- 7996 A.1. Metal-bodied Optical Lantern, as described on page 2, but with 6-in. double achromatic objective, acetylene generator (No. 8088), high-power 4-burner acetylene jet (No. 8092), tray and top, 2 tins of carbide, connecting tubing, &c., in portable case. . . . . £7 7 0

Note.—The Acetylene Generator does not pack inside the case, but must be carried separately; it is, however, fairly portable, and can easily be carried in one hand.

Fig. 7996 shows this lantern and acetylene apparatus complete, together with tripod stand No. 8245 (35s. extra), the illustration showing the entire outfit fitted up ready for work.

### A.1. METAL-BODIED OPTICAL LANTERN, Fitted with Lime Light.

- 7997 A.1. Metal-bodied Optical Lantern, as described on page 2, but fitted with blow-through lime-light jet (No. 8099), 6-in. double achromatic objective, Egyptian top and tray, limes, &c., in portable case . . . . £5 5 0
- 7998 A.1. Metal-bodied Optical Lantern, as above, but fitted with mixed-gas lime-light jet (No. 8102) . . . . . 5 15 6

Note.—Two cylinders are required with this jet, or alternatively the *Injector* jet (No. 8106) may be used with a little sacrifice in light.

### A.1. METAL-BODIED OPTICAL LANTERN, Fitted with Nernst Electric Light.

- 7999 A.1. Metal-bodied Optical Lantern, as described on page 2, fitted with single-filament Nernst electric lamp (No. 8146), tray and top, spirit lamp, 1 extra burner, and 1 extra resistance, &c., in portable case . . . . £5 12 6
- 8000 A.1. Metal-bodied Optical Lantern, as above, fitted with 3-burner Nernst electric lamp (No. 8149), complete with extra triple burner, 1 extra resistance, in portable case . . . . . 7 5 0

Note.—These A.1. Metal-bodied Lanterns can also be fitted with our hand-feed arc lamps (Nos. 8156 and 8162), and also with our specially powerful mixed jet (No. 8105), but in these cases we advise larger lantern bodies, such as C.1., C.2., C.3., on pages 8 and 9.



## A.2. METAL-BODIED "MINIATURE" LANTERN, Fitted with Lime Light.

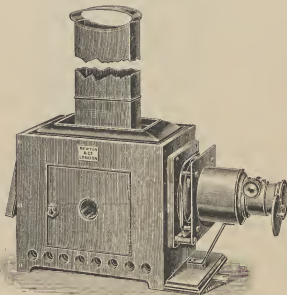
8001 "Miniature" Lantern, with best quality 4-inch double condenser,  
6-inch double achromatic front lens, blow-through jet, in case .. £5 5 0

This lantern was designed in response to a desire expressed for the most portable lime-light lantern that can be made, which shall give a picture equal to that obtainable by the most expensive and complicated lantern, and is suitable for use where portability is of very great importance.

It is probably the smallest standard lantern made, being only 15½ in. by 6 in. by 7 in. and will show all standard-size pictures. The metal body is riveted throughout to give increased strength without extra weight. It is fitted with best quality 4-in. lime-light condensers, 6-in. double achromatic front lens, and blow-through lime-light jet with ratchet lime movement.

If a mixed-gas lime-light jet be preferred, the cost will be 11s. 6d. more.

## A.3. MAHOGANY-BODIED LANTERN, With Brass Front.



No. 8002.

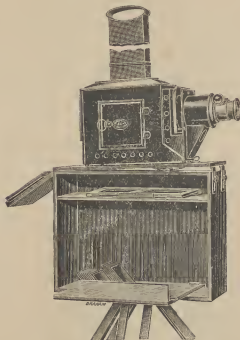
So many lecturers and demonstrators find it an advantage to have a *good-looking* lantern as well as a good instrument *optically*, that we have introduced a specially cheap form of mahogany-bodied lantern with a brass front. The lantern is exactly the same so far as lenses are concerned as A.1., the difference in price being entirely spent on appearance. The wooden body has, however, a practical advantage in keeping cooler to the touch than the metal one. The body is, of course, metal lined throughout and is thoroughly well made and put together. Where extreme portability, however, is required, this lantern comes a little heavier and also larger than the japanned one.

8002 A.3. Mahogany Lantern-Body and Brass Front, as above (Fig. 8002).

Can be supplied in place of Metal-Bodied Lantern A.1., fitted with any of the illuminants mentioned on the three previous pages at an extra cost of .. £1 1 0

## LANTERN BOX AND STAND.

(NEWTON'S PATENT.)



No. 8046.

This is a new form of combined Box and Stand for lanterns, very portable, and most convenient and steady in use. It can be made to suit any single oil or lime-light lantern.

The box which contains the lantern when packed, is so arranged that when in use it provides a base for the lantern, a table for the slides, a reading-desk for MSS., and a tilting-board which can be clamped at various heights so as to fix the lantern at any required angle. Size of case for our usual tin lantern, 19 in. by 14½ in. by 6½ in. inside.

It is fitted on to a very rigid tripod, folding for portability, so that the lantern can be placed with its optic axis 6½ ft. from the floor, thus doing away with the necessity of any other support, and saving the exhibitor the trouble of providing tables, &c.

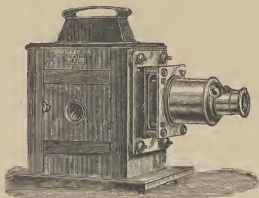
Newton & Co. are the sole makers of these patent boxes.

8003 Newton's Patent Lantern Box and Stand. Fig. 8046	..	..	£1 15 0
For mahogany Lantern, 5s. extra.			
8004 The Patent Lantern Box <i>only</i> , without stand	..	..	0 16 6
8005 The Folding Tripod Stand <i>only</i> , for use with ordinary boxes	..	..	0 18 6

*These Boxes can be made larger and stronger to suit larger lanterns for a few shillings extra.*

**Note.**—In purchasing any of Messrs. Newton & Co.'s single lanterns, if the patent box is preferred to the simple one usually supplied, an allowance of 5s. will be made from the above price.

## B.1. OPTICAL LANTERN, With Mahogany Body and Brass Front.



No. 8013.

This lantern body is similar to the foregoing, but is much stronger and better fitted throughout. It is provided with a door on each side instead of on one side only, and the brass front is made of heavier metal and is of a more solid construction than the cheaper pattern; the brass tube fittings, &c., are made to standard sizes throughout, so that almost any of our optical accessories can be supplied to fit if the lantern is required for scientific demonstrations later on.

### B.1. MAHOGANY BRASS-FRONTED LANTERN.

#### FITTED WITH OIL LIGHT.

- 8010 B.1. Mahogany Lantern as above, with best-quality brass front, 4-in. condensers,  $4\frac{1}{2}$ -in. double achromatic objective, 4-wick "Newtonian" oil lamp (No. 8075), complete in case .. .. . £7 7 0

#### FITTED WITH GAS LIGHT.

- 8011 B.1. Mahogany Lantern, as above, fitted with incandescent gas burner .. 7 2 6

#### FITTED WITH ACETYLENE LIGHT.

- 8012 B.1. Mahogany Lantern, as above, but fitted with 6-in. double achromatic objective, acetylene generator (No. 8088), 4-burner acetylene jet (No. 8092), tray and top, 2 tins of carbide, and connecting tubing, &c., the entire instrument, except the generator, fitting into a portable case.. .. 10 7 6

#### FITTED WITH LIME LIGHT.

- 8013 B.1. Mahogany Lantern, as above (Fig. 8013), fitted with blow-through lime-light jet (No. 8099), see Fig. 8099.. .. 8 5 0  
8014 B.1. Mahogany Lantern, as above, fitted with mixed-gas lime-light jet (No. 8102) .. .. 8 15 6

#### FITTED WITH NERNST ELECTRIC LIGHT.

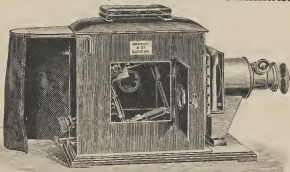
- 8015 B.1. Mahogany Lantern, as above, fitted with single-filament Nernst electric lamp (No. 8146), tray and top, spirit lamp, 1 extra burner, and 1 extra resistance, &c., in portable case .. .. 8 12 6  
8016 B.1. Mahogany Lantern, as above, fitted with 3-burner Nernst electric lamp (No. 8149), complete with extra triple burner and extra resistance, in portable case .. .. 10 5 0

## LANTERNS FOR ARC LAMP OR LARGE-BORE LIME-LIGHT JET ILLUMINATION.

All the foregoing lanterns can be used for arc-light illumination if required, but with anything more than a moderate current the bodies become rather hot. There is no real harm in this, and, where the utmost economy is required, these smaller lanterns can be used perfectly well. We much prefer, however, to supply lanterns with larger bodies for these powerful lights.

The following instruments are intended expressly for this class of work, and the bodies are accordingly made large enough and strong enough for the purpose. The variations in price are again a matter of the mechanical mounting only, optically they are all of the same quality, and are similar to lanterns A.1., A.2., A.3., B.1., &c. They are in fact equally efficient used with oil, acetylene, &c., as any of these smaller lanterns, and if the purchaser is likely to have occasion to use a more powerful light later on, we should recommend the purchase of one of these larger instruments in preference to one of the smaller ones.

### C.1. CHEAP RUSSIAN IRON LANTERN, With Brass Front, for Powerful Illumination.



No. 8021.

This is the cheapest lantern that we can really recommend for powerful illumination either from an arc lamp or large-bore mixed jet. The body is of Russian iron, with two doors and sight holes, &c. Instead of the usual closed flap at the back it is provided with a velvet curtain which excludes the light while allowing for good ventilation, and leaves the hands free for manipulating the arc lamp. The front is of brass, similar to the front supplied with lantern A.3., page 5, and is provided with 4-in. condensers and 6-in. double achromatic objective, though this lens can be changed for one of different focus if not suited to the hall, a  $4\frac{1}{2}$ -in. focus lens being 9s. cheaper, and an 8-in. with the necessary lengthening adapter being 10s. extra. Longer focus lenses than this, the lantern is not suitable for.

- 8017 C.1. Russian Iron Lantern, as above, with brass front, 4-in. condensers and 6-in. double achromatic front lens, complete in case .. .. £6 6 0  
8018 This instrument can be fitted, if required, with "Newtonian" oil lamp, acetylene, Nernst electric lamp, &c., and if so fitted will cost altogether £2 16s. more than the A.1. metal-bodied lanterns on page 3 similarly fitted.

#### FITTED WITH LIME LIGHT.

- 8019 C.1. Russian Iron Lantern, as above, with brass front, 4-in. condensers and 6-in. double achromatic front lens, fitted with extra powerful mixed-gas lime-light jet (No. 8105), complete in case with tray, &c. .. .. 8 5 0

#### FITTED WITH ELECTRIC LIGHT.

- 8020 C.1. Russian Iron Lantern, as above, fitted with Scissors pattern arc lamp (No. 8154), adjusting tray (No. 8155), &c., complete in case .. .. 9 9 0  
8021 C.1. Russian Iron Lantern, as above (Fig. 8021), fitted with "Universal" hand-fed arc lamp (Nos. 8156 and 8158), complete in case, see Fig. 8021.. 10 10 0

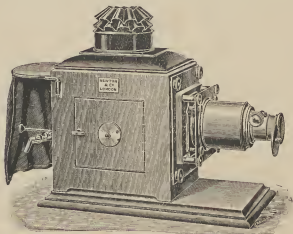
Note.—Where arc lamps are to be used, resistances are required in addition to the above prices. For particulars see pages 33 and 34.

## C.2. RUSSIAN IRON LANTERN, With Brass Front, for Powerful Illumination. Best Pattern.

This lantern body is similar to the foregoing, except that it is fitted with the superior front similar to that supplied with lantern B.1., page 7. We therefore strongly recommend this lantern in preference to No. 8017, if any optical additions are likely to be required later on. On account of the greater strength of the brass front, it can also be used with front lenses up to 12 in. in focus, or can be fitted with *single achromatic* front lenses (see page 10) of any length of focus required. This instrument and the one following are therefore very suitable for lanterns required for work in either large or small halls, as is often the case; for example, where a lantern is intended to be used for lantern services in a large church and also in a small lecture hall if expense is a great consideration; if not, one of the long-range lanterns on pages 12 and 13 would be preferable.

This lantern, fitted with mixed jet, arc lamp, &c., costs altogether 21s. more than lantern No. 8017 similarly fitted.

## C.3. MAHOGANY LANTERN, With Brass Front, for Powerful Illumination.



No. 8022.

This lantern is very similar to the foregoing, but is fitted with a specially large and stout metal-lined *mahogany* body instead of the Russian iron one. The result is not only a lantern of better appearance, but the outside also keeps much cooler to the touch. The front is specially designed for varying lenses and optical adaptations for class demonstration, and is hence very suitable for showing pond life or other interesting phenomena on the screen. It is therefore equally suitable for church or mission work, educational purposes, or science lecturing, &c. It is also so arranged that the entire brass front can easily be detached, and a large projection microscope or a vertical front, such as No. 8386, substituted.

8022 The above Optical Lantern can be fitted with oil lamp, acetylene, lime light, &c., and will cost altogether £6 10s. more than the japanned iron lantern A.1. on page 3 so fitted, see Fig. 8022 .. .. £9 9 0

8023 If fitted with large bore lime-light jet, arc lamp, &c., it will cost altogether £3 3s. more than lantern C.2. on page 8 so fitted.

The complete cost of any of these illuminants separately, fitted to any of our lanterns, will be found on pages 22 to 32.

## LONG-RANGE LANTERNS FOR USE IN LARGE HALLS.

In large lecture halls or churches it is often most convenient to place the lantern in the gallery, or other convenient place in the rear. To do this may often involve working at a distance from the screen of 100 ft. or more, and lanterns for this work require to be specially constructed if the best results are to be obtained. Lantern objectives as usually supplied are of two patterns, i.e., *Single Achromatic* or *Double Achromatic*. The former have certain advantages in scientific demonstration, and hence are usually fitted on our lanterns designed for this purpose; but for showing slides the double achromatic lens is decidedly superior, and is included with all our lanterns. They consist really of *two* achromatic combinations mounted in a brass tube or rack front, and with a distance of several inches between them. This distance between the component parts of the lens increases as the focus lengthens, but the length of a combination should always be to a certain extent in proportion to its diameter or aperture. It will be readily seen that a converging cone of light, such as that given from the condensers of an optical lantern, cannot be passed through a tube in its entirety if the length of this tube is too long in proportion to its diameter, and therefore double achromatic lantern lenses of long focus *must* be made of large diameter also.

A larger diameter lens necessitates a larger diameter, as well as a stronger, front to carry it; and, in fact, the whole lantern should be heavier and stronger if it is not to topple over under the weight of a large, heavy lens supported some distance out.

The foregoing lanterns are only suitable for lenses up to a focus of about 10 in., suitable, say, for working up to 60 ft. or so from the screen; and even with 10-in. lenses more light can be passed through with a larger diameter lens, such as is supplied with our large long-range lanterns.

If these small lanterns are therefore used for very long-range work, it can only be done in one way, i.e., by using *single* achromatic lenses; and as a matter of fact many operators, for reasons of economy or portability, do so use them. Fortunately, although these lenses are inferior in definition to first-class double achromatics, the difference becomes less perceptible as the focus becomes longer, and with lenses of, say, 14-18 in. focal length, very fair results can be obtained with single achromatics. Especially is this the case if the electric arc can be employed for the illuminant, as this gives sharper and better definition than any other form of light. When, therefore, the purchaser already possesses one of the smaller lanterns previously listed, or when funds do not permit of one of our large-diameter long-range lanterns being purchased, very fairly satisfactory results may be obtained in this way. There is nothing *so* good, however, as large-diameter double achromatic lenses specially constructed for the purpose, and we should strongly advise purchasers wishing to do long-range work to employ one of these if possible. We can, however, at any time light up either pattern in our testing rooms, in order that our customers may if they wish compare the results obtained before deciding.

## SMALL LONG-RANGE FITTINGS.

Any good lantern primarily intended for short-range work can, if required, be fitted with double achromatic long-focus lenses for long-range work up to 10-in. equiv. focus, or with single achromatic lenses up to 18-in. focus. As, however, the leverage of even a light single achromatic lens and rack front supported 14 or 15 in. away is considerable, it is advisable to use a lantern with a strong solid brass front such as B.1., C.2., or C.3., though we do occasionally fit the cheaper bodies such as A.1., A.3., C.1., for the purpose.

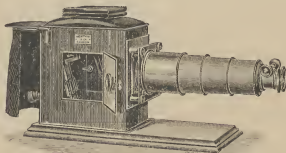
8024	Double Achromatic Objective 8-in. or 10-in. equiv. focus, in rack mount	£1 12 6
8025	Single Achromatic Objective of any focus for long-range work, in brass mount with rack adjustment	1 1 0
8026	Lengthening Adapter Sliding Tube, for screwing into lantern nozzle, to carry above rack mount, $2\frac{1}{2}$ -in. diameter, for lanterns A.1., B.1., C.2., &c., ditto	0 7 6
8027	Lengthening Adapter as above, 8-in. diameter, for lanterns	0 10 6
8028	Lengthening Adapter as above, 4-in. diameter sliding tube for lanterns D.1., D.2., D.3.	0 17 6
8029	Extra Half-Condenser to interchange with the ordinary condenser, for long-range work	0 10 6

## SMALL LONG-RANGE LANTERNS.

These can be used very satisfactorily indeed with double achromatic lenses up to 10-in. equiv. focus, which will give a picture of say 18 ft. in diameter with the lantern about 60 ft. from the screen; but if it is necessary to stand further off, either a single achromatic lens (which does not give such good definition) must be used, or one of the Large Long-Range Lanterns on page 12.

8030	Long-Range Lantern, mahogany body, brass front, as B.1., page 7, with long baseboard, 4-in. condensers, and 8-in. or 10-in. double achromatic lens, in sliding tube rack mount, with best mixed-gas jet (No. 8102), complete in case .. .. .	£10 10 0
8031	Long-Range Lantern, mahogany body, brass front, as C.3., page 9, with 4-in. condensers, and 8-in. or 10-in. double achromatic lens, in sliding tube rack mount, with best mixed-gas jet (No. 8102), complete in case ..	12 0 0
8032	Long-Range Lantern, as above (No. 8031), but fitted with "Universal" electric arc lamp and adjusting tray (Nos. 8156 and 8158), complete in case .. .. .	14 10 0
8033	Long-Range Lantern, Russian iron body and brass front, as C.2., page 9, but with long baseboard, 4-in. condensers, and 8-in. or 10-in. double achromatic lens, in sliding tube rack mount, with best mixed-gas jet, complete in case .. .. .	11 0 0
8034	Long-Range Lantern, as above (No. 8033), but fitted with "Universal" electric arc lamp and adjusting tray, complete in case .. .. .	13 13 0

## LANTERNS WITH THREE-DRAW TELESCOPIC FRONTS.



No. 8038.

Instead of fitting a long-range lantern with a brass tube lengthening adapter, we fit them when required with a telescopic 3-draw front, which avoids the nuisance of having a loose fitting to take care of when the lantern is required for both long and short range work.

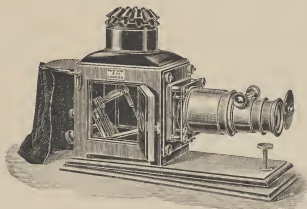
These 3-draw fronts, however, although very convenient, are apt to wear loose in course of time, and hence we do not consider them so satisfactory in the long run as lanterns fitted with loose lengthening adapters. They are, however, extremely convenient, and are therefore preferred by some demonstrators.

These 3-draw fronts can be fitted in place of the ordinary brass front to any of our best brass-fronted lanterns, but of course they are chiefly used in practice where long-range work is required.

8038	Any of our small long-range lanterns (Nos. 8030 to 8034) can be supplied with a 3-draw Telescopic Front in place of the ordinary brass front (see Fig. 8038) at an additional cost of .. .. .	£1 15 0
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# BEST QUALITY LONG-RANGE LANTERNS WITH LARGE-DIAMETER DOUBLE ACHROMATIC LENSES.

FOR  
LANTERN  
SERVICES  
IN  
CHURCHES.



FOR  
LECTURES  
IN  
LARGE  
HALLS.

No. 8040.

These are the very finest lanterns for long-range work it is possible to provide. They are all fitted with  $4\frac{1}{2}$ -in. diameter condensers and double achromatic lenses of 3-in. aperture, allowing ample light to pass, combined with the most perfect definition. They should be fitted either with a mixed-gas lime-light jet or the electric arc.

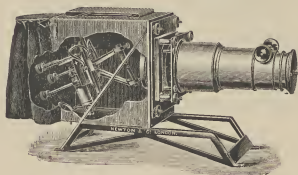
We make these lanterns in two qualities, so far as the mechanical part of the instrument is concerned, the more expensive being provided with a mahogany body and tilting baseboard, &c. (see Fig. 8040), and the cheaper one a plain baseboard and Russian iron body.

Optically the two patterns are exactly the same, and so is the workmanship of the brass fronts, as very great strength and rigidity are in either case required to carry the necessarily heavy objectives.

8039	D.1. Long-Range Lantern with mahogany body, $4\frac{1}{2}$ -in. diameter condensers, brass front, 3-in. diameter double achromatic objective in rack front, tilting baseboard, &c., with mixed-gas jet (No. 8102), complete in case	..	£18	18	0
8040	D.1. Long-Range Lantern, as above, fitted with "New Universal" hand-feed arc lamp (No. 8162), complete in case. Fig. 8040	.. .. .	22	10	0
8041	D.1. Long-Range Lantern with Russian iron body, $4\frac{1}{2}$ -in. diameter condensers, brass front, 3-in. diameter double achromatic objective in rack mount, &c., complete in case, with mixed jet (No. 8102)	.. .. .	16	10	0
8042	D.2. Long-Range Russian Iron Lantern, as above, fitted with "New Universal" hand-feed arc lamp (No. 8162), complete in case	.. .. .	21	0	0
8043	Either of these Lanterns fitted with our special large bore mixed-gas lime-light jet (No. 8105)	.. .. . extra	0	5	0
8044	Any of our arc lamps fitted with inductance ring for alternating current (see No. 8165)	.. .. . extra	1	1	0



**BEST QUALITY  
LONG-RANGE LANTERNS,  
WITH LARGE-DIAMETER DOUBLE ACHROMATIC  
LENSES.**



No. 8043.

**THE "INDIAN" LANTERN.**

This Lantern has been designed by Messrs. Newton & Co. for use in the Tropics, and in hot, damp climates, where wood and iron warp and rust. It is made *entirely* of brass and is fitted with the finest long-range lenses, suitable for either electric or lime light.

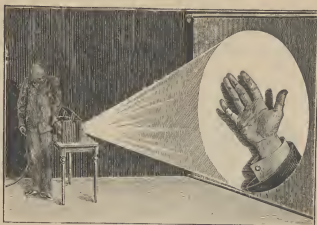
Optically it is precisely similar to the lanterns on page 12.

- 8045 D.3. The Indian Special Pattern Lantern is made entirely of brass, with  $4\frac{1}{2}$ -in. double condenser, double achromatic front lenses of large diameter, and fitted with "New Universal" patent hand-feed arc lamp, with adjustments, complete in cabinet case. Fig. 8045 .. .. . £26 0 0

**LIME-LIGHT APPARATUS FOR THEATRICALS.**

- 8046 Lime-light Box, fitted with 6-in. condenser, mounted in adjusting swing frame for throwing white or coloured lights on tableaux, &c. With specially-made lime-light jet and tray, one coloured glass in frame and dark shutter .. .. . £4 0 0
- 8047 Electric Searchlight or Stage Box, with Russian iron body, in swivel bracket, 6-in. lens, arc lamp (No. 8161), &c., one coloured glass in frame with dark shutter .. .. . 9 0 0
- 8048 Extra Coloured Glasses for either of the above, in frames .. each 0 5 0

## SPEARING'S CHILDREN'S OPAQUE LANTERN.



This lantern has been designed by Mr. Spearing, solely with the object of showing *opaque* objects and pictures on the screen.

The whole of a drawing or painting, 5 in. square, can be shown 5 ft. in diameter on the screen, with sufficient illumination for a *small* audience.

Flowers, shells, the face and works of a watch, the human hand, coins and curios of various sorts can also be well exhibited in their natural colours.

It is fitted with two incandescent gas burners, which only require ordinary house gas brought to them by an indiarubber pipe from the nearest gas bracket; it is, therefore, absolutely safe, and requires nothing but turning on the tap and lighting, and is at once ready for use.

At the back of the lantern can be attached a double roller carrying a roll of paper, on which children can make drawings and paintings, which can then be projected as a moving panorama on the screen. Christmas cards, butterflies, and similar objects show excellently. The definition is not good, but quite sufficient for the purpose.

The instrument is extremely simple and easy to use.

8049 Price complete .. .. . £3 15 0  
 Double roller, with roll of paper to move along as a panorama, for  
 children to draw or paint upon, fitted to the above opaque lantern, extra 0 12 6

## THE NEW POSTCARD LANTERN.

This is a very simple form of lantern for showing picture postcards on a screen as if they were lantern slides.

Everyone has numbers of picture postcards, and with this lantern they can be shown *sharply and well defined* on the wall or a sheet of white cardboard, over 2 ft. in diameter, with sufficient brilliancy to be seen by a dozen or more persons.

It is fitted with 2 incandescent burners, and only needs connecting by a piece of flexible tube to the nearest gas burner.

8050 New Postcard Lantern complete, with lens and 2 incandescent gas  
 burners .. .. . £2 2 0

This can be supplied fitted with electric incandescent lamps, for use in houses where electric current is laid on, for an extra charge of 5s.

8051 Aphengescope, or Opaque Attachment, for attaching to any ordinary  
 lantern, in japanned tin, with focussing lens .. .. . £0 15 0

## BOOKS.

8052	Modern Magic Lanterns and their management	..	..	..	£0	1	0
8053	Book of the Lantern (Hepworth)	..	..	..	..	0	3 0
8054	Light, a Course of Experimental Optics, chiefly with the lantern, by Lewis Wright. Second edition	..	..	..	..	0	7 6
8055	Optical Projection, a treatise on the use of the lantern in exhibition and scientific demonstration, a complete guide to the use of the magic lantern, the lantern microscope, polariscope, and to the projection of scientific experiments, by Lewis Wright. Fourth edition, revised by Russell S. Wright. (Pub. 6s.) ; nett 4s. 6d.; post free	..	..	..	..	0	4 10

*The above is the very best book on Lanterns.*

8056	The Optical Lantern, by Andrew Pringle	..	..	..	..	0	2	6
8057	Practical Photo-Micrography, by Andrew Pringle	..	..	..	..	0	5	0
8058	Photo-Micrography, by Slater & Spitta	..	..	..	..	0	12	6

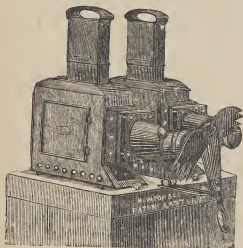
## DISSOLVING VIEWS AND DISSOLVING EFFECTS.

All the foregoing lanterns are *single* instruments; that is to say, they are only capable of showing one slide at a time on the screen, and some arrangement must be made for removing the first slide before the second can be inserted. This is quickly and conveniently done by means of a *double sliding carrier* (see No. 8266), which slides one picture off as the other slides on; or by means of the *dissolving carrier* (No. 8270), which slides the one picture on *over* the other, and then withdraws the first. Both these arrangements have the same object, i.e., to quickly and easily change the slides and obviate the "glare" of the lantern on the white screen between the time of taking off the one view and bringing on the next. The ideal method of changing slides, however, is undoubtedly by means of "Dissolving Views," by means of which one picture is seen to gradually fade into the next. For this effect *two* lanterns are necessary, worked either side by side or one above the other. For ordinary dissolving views the light in each lantern is turned up and down alternately, each successive slide being got ready in the dark lantern while the preceding one is being shown in the other.

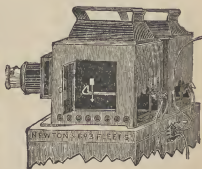
The method adopted for illuminating each lantern in turn depends upon the nature of the illuminant used. With oil lamps the only practicable method is to keep both lanterns alight all the time and cover each nozzle in turn by means of a dissolving fan, as shown in Fig. 8059. When *gas* of any sort is the illuminant, as is the case with the various forms of lime light, or acetylene, a dissolving "Tap" can be used, by which each lantern can be turned up or down alternately, a small bye-pass keeping the light in the dark lantern from going out altogether (see Nos. 8141 to 8145). With the electric arc, no really satisfactory plan for dissolving has yet been devised; a modification of the dissolving fan arrangement is the best at present known, but the crispness of the image from the arc, although advantageous in many ways, is detrimental for dissolving effect work. If the entire advantage of using two lanterns was confined to the ability to be able to dissolve one picture into the next instead of employing a sliding carrier, very few exhibitors would care to go to the expense of purchasing two lanterns; but, as a matter of fact, very fine effects can be produced in this way which could not be obtained with a single lantern. For example, a picturesque ruin, seen first by day, can be dissolved into the same view by moonlight, and the beauty of the effect, as the scene gradually changes, must be seen to be appreciated; or the picture of a house can be changed to that of the same house on fire, while a rackwork slide gives the effect of flame and smoke pouring out of the windows. Many of these effects of course require both lanterns to be kept alight together, and this is arranged for in the construction of the dissolving tap. Where oil light is to be used, the two lanterns must be placed side by side, to allow room for the chimneys, but with acetylene or lime light they can be placed one above the other, as a bi-unial lantern, and are more convenient arranged in this way.

# NEWTON'S PATENT DISSOLVING VIEW LANTERNS,

Fitted with Oil Light and Lime Light.



No. 8059



No. 8060.

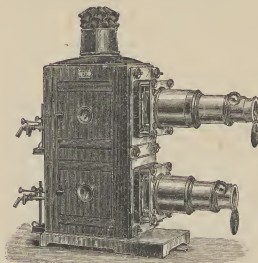
8059 Newton's Patent Improved Mahogany Brass-fronted Dissolving View Apparatus, lined with tin to prevent heating, fitted with their patent "Newtonian" 4-wick lamps, for burning best crystal oil, with best quality 4-in. plano-convex condensing lenses, and double combination, achromatic front lenses, of large diameter and best construction, with rack adjustment, dissolving apparatus, &c., complete in stained wood polished case, very portable; suitable for schools and lectures, as supplied to the Honourable Council of Education (Fig. 8059) .. .. £12 0 0

At Fig. 8060 is shown a pair of Newton's patent lanterns, fitted with their improved blow-through jet. A jet of oxygen is blown through a flame of hydrogen on to a cylinder of lime. The hydrogen is obtained by means of an india-rubber tube from any gas burner in the room, and the oxygen is supplied from the gas-bag or condensed gas cylinder. The dissolving is effected by Newton's improved double dissolving tap, attached to the back of the box.

8060 Dissolving View Apparatus with Oxygen Lime Light, complete set, comprising a pair of Newton's patent mahogany lanterns, 4-in. condensing lenses, &c., fitted with their improved blow-through gas jets with rack lime movement for rotating the lime, double dissolving tap, and 4 ft. and 12-ft. india-rubber tube, and 1 doz. lime cylinders, as supplied to the Honourable Council of Education (Fig. 8060) .. £14 14 0

Acetylene light or Nernst electric lamps can also be used with the above lanterns at the proportionate differences in price.

## E.1. BI-UNIAL LANTERNS.



No. 8064.

Dissolving Lanterns of this upright form have the advantage over lanterns placed side by side, in that the manipulator is enabled to work both lanterns from the same side; and panoramic and other effects can be more easily managed.

The whole of the front is made of bright brass, securely bolted on to the body of the polished mahogany or Russian iron lantern. All these lanterns are now fitted with our improved double achromatic lenses, specially made for use with the lime light, giving a flat field and most brilliant definition.

8061	E.1. Bi-unial Lantern with <i>Russian iron body</i> , and fitted with 2 pairs of best quality 4-in. condensers, best quality double achromatic lenses, mounted in brass rack-and-pinion focussing fronts, two 4-burner acetylene jets (No. 8092) and gas tap for dissolving (No. 8143), in cabinet case, forming table for the lantern .. .. .	£12 10 0
8062	E.1. Bi-unial Lantern, as above, with dissolving tap (No. 8141) and 2 blow-through jets (No. 8099), in case complete .. .. .	12 12 0
8063	E.1. Bi-unial Lantern, as above, but with dissolving tap (No. 8144) and 2 mixed jets (No. 8102), in case complete .. .. .	14 0 0

## E.2. BI-UNIAL LANTERNS,

### With Mahogany Bodies and Brass Fronts.

These lanterns are the same *optically* as the foregoing, but the polished mahogany bodies have a better appearance, and keep cooler to the touch than the Russian iron ones.

8064	E.2. Bi-unial Lantern with mahogany body, and fitted with 2 pairs of best quality 4-in. condensers, double achromatic lenses, mounted in brass rack-and-pinion focussing fronts, two 4-burner acetylene jets, and dissolving tap (Fig. 8064), in case complete .. .. .	£18 13 6
8065	E.2. Bi-unial Lantern, as above, but fitted with 2 blow-through jets (No. 8099) and dissolving tap (No. 8141), in case complete .. .. .	18 18 0
8066	E.2. Bi-unial Lantern, as above, but with 2 mixed jets (No. 8102) and dissolving tap (No. 8144) .. .. .	20 7 6

Note.—This lantern is specially adapted for societies, being optically as good as can be made, with strong, sound workmanship and good finish, without unnecessary expense. As supplied to the Honourable Council of Education.

## BRASS CURTAIN SHUTTER.

This is an arrangement which can be fitted to any of the above lanterns for giving the effect of a curtain rolling up at the commencement of an exhibition.

8038 Brass Curtain Shutter, fitted to any of the above bi-unials, extra .. £1 1 0

## E.3. THE "SPECIAL" BI-UNIAL.

This instrument is similar to the foregoing mahogany bi-unials, and optically the same, but is made with the very highest finish throughout, and is fitted with *tube* rack fronts, into which the lenses mounted in brass cylinders slide, so that the lenses can be easily changed if required; brass bar handles for lifting, brass tubes at the back for gas connections, and curtain shutter, &c.; packed in cabinet case, and forming a very handsome instrument.

8039 E.3. The "Special" Bi-unial, as above, fitted with 2 blow-through jets (No. 8099) and dissolving tap (No. 8141) .. .. £23 2 6

8067 E.3. The "Special" Bi-unial, as above, fitted with 2 mixed jets (No. 8102) and dissolving tap (No. 8141) .. .. 24 5 0

## E.4. THE "DIVIDED" BI-UNIAL.

This is a lantern similar to Nos. 8064 to 8066, but so constructed that the top lantern can be detached, and both lanterns can be used separately as two single instruments, or side by side if required for dissolving with oil lamps.

8068 E.4. The "Divided" Bi-unial can be supplied fitted with acetylene lime light, &c., instead of Nos. 8064 to 8066, at an extra cost of .. .. £2 2 0

## LONG-RANGE BI-UNIAL LANTERNS.

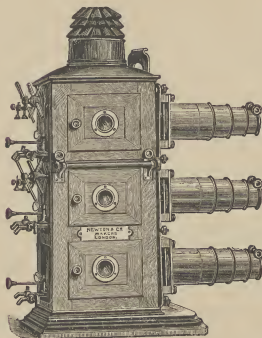
Any of the foregoing lanterns can be fitted with double achromatic lenses up to 10-in. focus at a slight extra cost, or with single achromatic lenses (see page 10) up to any required focus; but for the very best long-range work special lanterns are required, similar to the single long-range lanterns on page 12. These lanterns are fitted with 4½-in. condensers and large-size double achromatic objectives in sliding tube rack mounts, and represent the very finest instruments for long-range dissolving views that can be obtained.

8069 E.5. Long-Range Bi-unial Lantern with mahogany body, 4½-in. condensers and brass fronts, fitted with double achromatic large-diameter lenses, 2 mixed jets (No. 8012) and dissolving tap (No. 8144) packed in cabinet case .. .. £39 5 0

8070 E.6. The "Special" Long-Range Bi-unial. This is optically similar to the foregoing, but is fitted in a similar style to the "Special" bi-unial E.3. (No. 8067), with brass bar handles, brass tubes to back, curtain shutter, &c., complete with 2 mixed jets (No. 8102) and dissolving tap (No. 8144) packed in cabinet case .. .. 43 5 0

The "Scientist's" Bi-unial Lantern. This is a lantern primarily fitted for dissolving-view work, but also arranged for demonstrating scientific experiments on the screen, admirably adapted for a scientific institution who require an instrument for both purposes. For fuller details, see page 54.

## TRI-UNIAL LANTERNS.



No. 8071.

Tri-unial or triple lanterns are not very often required. There are, however, certain dissolving effects which cannot well be shown without the aid of a third lantern, and the exhibitor who really makes a speciality of dissolving work will often find a third lantern advisable and even absolutely necessary.

In these triple lanterns we always make the upper one detachable, so that it can be used independently as a single lantern, so that the purchaser of the apparatus finds himself possessed of a *triple*, or a *double*, or a *single* lantern at will; the last two being usable either in conjunction or independently.

8071 F.1. Tri-unial Lantern with polished mahogany body, brass fronts, 4-in. condensers and double achromatic lenses in tube rack mounts, brass bar handles, brass tubes to back, brass curtain shutter, &c., similar in finish to the "Special" bi-unial described on page 18, complete with 3 mixed-gas jets (No. 8102), and three 4-way dissolving taps (No. 8145) in cabinet case. . £50 0 0

8072 F.2. Long-range Tri-unial Lantern. This is similar to the long-range bi-unial lantern (No. 8070), but with the addition of the third lantern, complete with 4½-in. condensers, large-diameter double achromatic lenses, curtain shutter, brass bar handles, &c., and 3 mixed gas jets (No. 8102), with 4-way dissolving taps (No. 8145), complete in cabinet case .. .. 80 0 0

## ILLUMINANTS FOR OPTICAL LANTERN WORK.

There are many ways of illuminating optical lanterns, and the method best to be adopted depends largely upon circumstances and the size of the hall in which the lantern is to be used.

The various methods available are: paraffin oil, incandescent gas, acetylene, lime light in its various forms, and electric light. Of these, the first two are the simplest and cheapest, but neither are of much use except in small halls, and for pictures not exceeding 10 ft. in diameter. A "Newtonian" 4-wick paraffin oil lamp is slightly more powerful than incandescent gas; and the fragility of the mantle is likewise a drawback. On the other hand, the light from an oil lamp is slightly more *yellow* than from incandescent gas. Both these forms of illumination have been largely superseded of late years by *acetylene*, which is very considerably brighter, and gives a good white light, besides slightly better definition. In this connection it may be mentioned that the smaller the radiant the better is the definition on the screen. Hence the sharpest definition of all is obtained with the small but intense electric arc, and the next best is lime light, after which comes acetylene, and oil and incandescent gas are last of all. It is, however, wonderful how good the results are even with this latter when *first-rate* lenses are used, such as we employ on all our lanterns from page 2 onwards.

A certain amount of prejudice exists against acetylene on account of its supposed danger and the objectionable smell, and one or two accidents have lent colour to the fear. Any such accidents, however, have been due to acetylene generators of faulty design having been used, and it is a regrettable fact that there are many such still on the market. Our firm has, we hope deservedly, a high reputation for never sending out any apparatus that can cause danger; and, as a matter of fact, we refused to supply acetylene generators for a year or two after other firms had put them on the market. In the meantime we were testing every known make of generator, and also carrying out many experiments of our own to see if it was possible to design an instrument that *could not*, by any possibility, cause an accident. At last our experiments reached a satisfactory conclusion, and we are glad to say that many hundreds of our generators are in constant use, and even the most inexperienced exhibitor need not hesitate to instal a set of our acetylene apparatus.

With our pattern generator only a very small quantity of gas is made at one time, and by a simple but effective arrangement no more *can* be made until the gas already made is used up. This is the only way to obtain real safety, and we do not know of any other form of generator which secures it except the one we have designed with much care and expense. With reasonable care, this generator is also entirely free from smell, and except for seeing the generator underneath the lantern, the audience need not even know that acetylene is being used. For further particulars of this apparatus, see page 24.

Lime light in its various forms is a still more powerful illuminant. The weakest form of it is the "Drummond" or "Oxy-spirit" jet, not now much used, in which a stream of oxygen is blown through the flame of a spirit lamp on to a lime cylinder; next in order comes the "Blow-through" jet, in which a stream of oxygen is in the same way blown through a coal-gas flame on to the lime; and the most powerful form is the "Double Pressure" or "Mixed" gas jet, in which oxygen and coal gas are mixed in one chamber under considerable pressure, and then impinge together upon the lime, producing an intense incandescence. A modification of this latter arrangement is the "Oxy-ether" light, in which vapourized ether takes the place of the coal gas. Roughly speaking, acetylene light is sufficient for a picture up to 12 ft. in diameter, the blow-through jet up to about 15 ft., and a mixed jet can be made that will illuminate a screen up to 30 or 40 ft. diameter.

The great disadvantage of lime light in any form is that one gas (oxygen) must be supplied under considerable pressure; this may be done from a gas bag (see page 28), but except in very out-of-the-way places is usually obtained by means of a compressed gas cylinder (page 27), which can now be obtained in almost any town of importance. The arrangement is perfectly safe, but nevertheless the expense and awkwardness of having to carry such a compressed gas cylinder about, and sending it to some town to be filled when empty, has proved a serious bar, and acetylene is therefore very often used as a substitute for exhibitions in halls of moderate size. With the mixed gas or double-pressure jet, two such cylinders must be employed, one of oxygen and the other of coal gas. This arrangement is also perfectly safe, but the above drawbacks are of course exactly doubled, and hence this light is chiefly used in large halls where it becomes a necessity.



The oxy-ether light and the "Injector" jet are both forms of mixed-gas jets, which obviate the necessity for the two cylinders. The light of either, however, is inferior to the mixed-gas jet, and neither are they quite so convenient in use. The ether light is perfectly safe in use, but it should not be entrusted to entire tyros to fill the saturator, as liquid ether is highly inflammable, and must be treated with care. Once it is in the saturator it is perfectly safe; and as this may be done if necessary several days before the exhibition, no hesitation in using it on the score of danger to the audience need be entertained. The "Injector" jet consumes slightly more oxygen and needs a special regulator (No. 8118) to control it, besides which it is a little apt to be noisy unless extreme care is taken with it. Both these special forms of lime light are, however, very suitable for the travelling lecturer who requires a brighter light than that afforded by a blow-through jet.

The electric light is coming more and more into vogue every year, and as the electric current becomes more universally available will doubtless be still more largely used.

The most usual form is the arc lamp, which for brilliancy and definition combined is superior to even the best lime-light jet. The electric arc is both safe and easily managed, and it is also—once the necessary wiring and appliances are installed—very inexpensive, being indeed a mere fraction of the cost of lime light. The arc light consists essentially of two carbon rods, separated by a short gap, across which the current is conducted by a stream of carbon vapour. Both the adjacent ends or poles of the carbons, as well as the carbon vapour between them, become highly incandescent, but in practice it is only the lower extremity of the upper or positive pole that is used as the illuminant in lantern work.

Arc lamps may be broadly divided into two classes, i.e., automatic feed and hand feed. For small lanterns for ordinary slide projection, however, the automatic feed lamp has now been practically given up in preference to the hand feed type, and so this type only will be dealt with here. The best of the automatic lamps is probably the "Oliver" (see page 32), but it is bulky and only suitable for our large science lanterns. Of hand feed arc lamps the *cheapest* pattern is the "Scissors" (see No. 8154), but it has the disadvantage that as the carbons are fed they are continually altering the angle at which they are inclined together, and a far better, though more expensive, plan is to regulate the distance by means of a parallel rackwork (Fig. 8162). This lamp has universal centring movements in all directions, and is perhaps the most perfect type of its kind in existence.

As these arc lamps only require 40-45 volts at the lamp terminals, and as current from the supply mains is usually anything from 100-250 volts, some form of resistance must be used. This may be either adjusting (see Fig. 8168) or fixed (Fig. 8186), the latter being the cheapest, but the former being usually advantageous as giving the operator some control over the amount of light.

When the current from the mains is *alternating*, an arc lamp cannot be used to such advantage. The light is not quite so good, and is apt to be a little unsteady; also there is a perceptible humming sound in the arc which is decidedly objectionable. Fortunately this last defect can be almost completely got rid of by placing the whole lantern on a block of felt; and by a suitable combination of transformer and resistance (see page 34) the unsteadiness of the light can be almost completely cured and the light increased. Even then it is not so brilliant as with the continuous current, but amply so for all practical purposes, and is considerably better than with a lime-light jet.

The only other form of electric lamp worthy of mention is the "Nernst" (see page 30). This is not so brilliant as the arc, but the light (which may reach 1000 candles nominal) is quite sufficient for a moderate-sized hall, and the absolute steadiness, as well as the simplicity of this form of light, has brought it into favour, while the initial cost is far less than with an arc lamp, but the upkeep costs more owing to breakages.

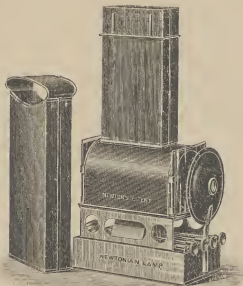
The "Nernst" lamp consists of straight mineral filaments, which become incandescent when the current is passed through them. One peculiarity of these filaments is that they are non-conductors when cold, and hence require to be heated by outside means before the current will pass. This is easily done by applying a spirit lamp for a few minutes before the exhibition begins, and a suitable spirit lamp is supplied with each burner.

The 1000 candle power lamps have *three* such filaments, and require 200 volts (either continuous or alternating); with 100 volts a single-filament lamp can be worked giving about 250 candle power.

The 1000 candle power lamp takes about 3 amperes, and the wires in any ordinary lamp socket are thick enough to carry this current; whereas an arc lamp, which takes usually 10 amperes and upwards, often requires a special wire laid on.

# **NEWTON'S PATENT** **"NEWTONIAN" LAMPS**

FOR BURNING CRYSTAL OR ANY MINERAL OIL.



No. 8075.

## **THE MOST POWERFUL AND SIMPLE LAMP YET CONSTRUCTED.**

This Lamp has for many years occupied the premier position among oil lamps for lanterns, and still exceeds in brilliancy and penetrating power any lamp in the market.

It is easier to manipulate than any other. There are no unnecessary adjustments.

The reflector of each lamp is permanently adjusted to its most effective distance before being sent out.

The chimney is permanently adjusted to the exact height found by experiment to give the best results.

Every lamp is carefully tested and put in adjustment before being sold.

The difficulty (so frequently experienced with lamps of a high illuminating power) of making the flames draw up readily, owing to the sharp draught, is entirely obviated by the peculiar construction of the chimney. If the lamp is lit and burnt for two minutes, using only the lower part of the chimney, as in Fig. 8075, the upper portion may be then fitted into its place on the top, and the flames will at once be entirely under control.

For many years Newton's Patent "Refulgent" Lamps held the first place for illuminating power; the light given by the "Newtonian" Lamp is, however, considerably more intense and powerful. It has been adopted as the official pattern by the War Department, the School Board, &c.

8075	Price of 4-Wick "Newtonian" Lamp, with chimney and reflector	£1 0 0
8076	Cotton Wicks, 2-inch wide, for 4-wick lamp .. .. per doz.	0 2 0
8077	Glasses, curved, for "Newtonian" lamp .. .. each	0 0 4

## **PATENT "NEWTONIAN" 3-WICK LAMP.**

FOR BURNING CRYSTAL OR ANY MINERAL OIL.

8078	Newton's Patent "Newtonian" 3-Wick Lamp, for burning crystal oil .. ..	0 16 6
8079	Glasses, curved, for front of Newton's patent lamps .. .. each	0 0 4
8080	Cotton Wicks, for the patent lamp .. .. per doz.	9 1 6
8081	Lamp Scissors for trimming oil lamps .. ..	0 2 0
8082	Silvered Reflectors for either of the above lamps .. .. each	0 2 6

## INCANDESCENT GAS BURNERS.

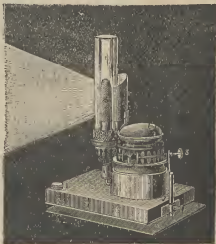
Where house gas is available, and only a small picture is required, the incandescent gas burner may be used with advantage. The light is not quite so good as with the 4-wick oil lamp, but is clear and white, and the cleanness and convenience of the arrangement render it a very suitable light for class-room teaching or exhibitions in small halls.

8084 Incandescent Gas Burner, fitted with reflector, mantle and chimney, &c., complete .. .. .	£0 10 6
8085 Tray and Top for above, if required .. .. .	0 4 6

## INCANDESCENT SPIRIT LAMP FOR LANTERNS.

Up to the present, all spirit or petroleum lamps for lanterns used with an incandescent mantle have been dangerous, owing to the fact that if the vapourizing chamber becomes too cool to volatilize all the liquid that enters it, the pressure behind drives the spirit itself instead of the vapour through the tubes, and on many occasions the lantern has become full of burning spirit. All such lamps seem to us unfit for ordinary lantern work, though they give a good light.

In the present lamp this danger has been entirely got rid of by not having any pressure behind the spirit, so that if the chamber gets cool the light simply goes out, but this safety and simplicity has been obtained by a great diminution of the light, and these lamps give less light than our 4-wick oil lamps. The light, however, is so white and the lamp so clean and simple in use that we think many who object to the mess and trouble of the oil light may be ready to put up with less light and a smaller picture to secure these advantages.



No. 8086

8086 Incandescent Methylated Spirit Lamp, as above .. .. .	£0 15 0
8087 Extra Mantles for ditto .. .. .	each 0 0 8

## THE NEW PATTERN "NEWTONIAN" ACETYLENE GENERATOR.

Acetylene, if a suitable system be used, gives a more brilliant and a more sharply defined picture than any oil light, but not equal to lime light.

With the apparatus here described there is absolute freedom from danger and far less trouble than with oil lamps or lime light.

It will fit any of our oil-lit lanterns without alteration or addition, and no extras are needed, No. 8090 containing all that is required.

There are many forms of generator sold, some of them having no recommendation except cheapness; but large numbers of our special pattern are now in constant use and are giving great satisfaction in all parts of the world.

We have supplied so many that we have been able to greatly reduce the price, while our experience has enabled us to improve and simplify the generator in many ways, and so to improve the materials and construction that it will now stand many years' hard work, and if injured can be repaired by any local tinsmith.

Nothing can be simpler than the manipulation.

Being absolutely automatic it needs no attention whatever during the exhibition, but after being once started will give a perfectly steady light till the carbide is exhausted.

It gives a full steady supply of gas which will keep one of our high-power 4-burner jets going for two hours without sensible variation of the light.

Full directions for use are sent with each, and they can at any time be seen working at 3, Fleet Street, E.C.

For prices see next page.

## THE "NEWTONIAN" ACETYLENE GENERATOR.

THE BEST  
ACETYLENE  
GENERATOR  
EVER  
DESIGNED  
FOR  
LANTERN  
WORK.



THOROUGHLY  
EFFICIENT.  
—  
ABSOLUTELY  
SAFE.  
—  
EXTREMELY  
SIMPLE  
TO  
MANIPULATE.

No. 8088.

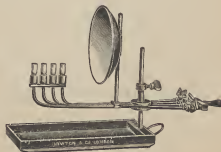
In this generator, Fig. 8088, we have retained *all* the advantages of our former one and have combined with them others which our prolonged experience has enabled us to devise. For details see previous page.

8088 "Newtonian" Acetylene Generator, without burner, but including separate "Filter" and flexible metal tubing .. .. .	£2 2 0
8090 Acetylene Apparatus complete, for use in one of our oil-lit lanterns with special four burner, generator, filter, top, and tray, and flexible metal tubing .. .. .	3 7 6
8091 Acetylene Apparatus complete, for use in a pair of dissolving lanterns, with two four burners, special dissolving tap, tubing .. .. .	5 17 6

Prices of complete lanterns fitted with acetylene light will be found on page 4 and several subsequent pages.

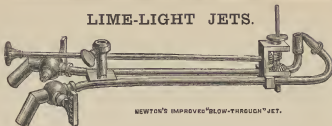
8092 High-Power Acetylene Jet with 3 burners, 15s. ; with 4 burners (Fig. 8092) .. .. .	£1 1 0
8093 Dissolving Tap, for use with Bi-unials or pair of lanterns (Fig. 8143) .. .. .	1 1 0
8094 Flexible Metal Tubing, with rubber connections .. .. .	0 3 6
8095 Extra Burners for jet, per doz. .. .. .	0 3 0
8096 Cleaner .. .. .	0 0 4
8097 Carbide of Calcium, $\frac{1}{2}$ in. pure, per 1-lb. tin .. .. .	0 0 6
8098 Pliers for putting in acetylene nipples .. .. .	0 2 0

Note.—Always use pure  $\frac{1}{2}$ -in. Carbide which costs 6d. lb. in a tin, and avoid carbide that has been "chemically treated."



No. 8092.

## LIME-LIGHT JETS.

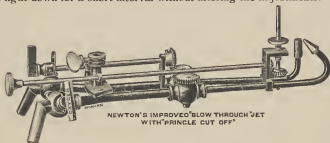


NEWTON'S IMPROVED "BLOW-THROUGH" JET.

No. 8099

- 8099 Blow-through Jet, with movement to rotate the lime without opening the door of lantern (Fig. 8099) .. .. . £1 1 0
- 8100 Blow-through Jet, as above, but with fine screw adjustment taps to both gases in addition to the ordinary taps .. .. . 1 17 6

The convenience of this arrangement consists partly in the greater delicacy of the adjustment provided, and also in the fact that the double taps afford a ready means of turning the light down for a short interval without altering the adjustments.

NEWTON'S IMPROVED "BLOW THROUGH" JET  
WITH "PRINGLE CUT OFF"

No. 8101.

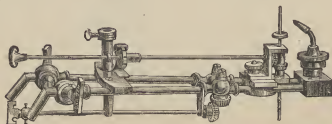
- 8101 Blow-through Jet, with Pringle cut-off (Fig. 8101) .. .. . £1 17 6

This cut-off is designed for the same purpose as the double tap on No. 8100, but is so arranged that the light can be turned down for an interval with *one* movement, and turned up again instantly.

## MIXED-GAS JETS.

These jets require to have *both* gases under approximately equal pressure, and therefore *two* cylinders or gas bags are necessary. The light, however, is far superior to the blow-through form.

- 8102 Oxyhydrogen Mixed-Gas Jet, with large mixing chamber, improved turning movement and check action to ensure that the lime shall always be turned the correct distance. Designed by the late Mr. Lewis Wright .. .. . £1 12 6
- 8103 Mixed-Gas Jet, as above, but fitted with screw-down taps similar to No. 8100 .. .. . 2 7 6



No. 8104.

- 8104 Mixed-Gas Jet, as above, fitted with Pringle cut-off (Fig. 8104) .. .. . 2 7 6
- 8105 Mixed-Gas Jet, as No. 8102, but with specially large bore, for use where a very powerful light is required .. .. . 1 17 6

## THE INJECTOR JET.

This is a mixed-gas jet which does *not* necessitate both gases being under equal pressure. It can, therefore, be used with coal gas from the house mains, the oxygen being supplied as usual from a cylinder. As its name implies, it is constructed on the injector principle, and so arranged that the stream of oxygen sucks the coal gas from the mains, and thereby *artificially* increases the pressure. The jet gives a better light, however, if the oxygen cylinder is supplied with a special regulator in order to obtain the oxygen under increased pressure, and extra stout rubber tubing should be used.

The light given by this jet is better than that of a blow-through, but not quite so good as a mixed jet.

8106 Injector Jet, as above, high pressure, 30s.; extra high pressure .. .. £1 17 6

## "NEWTONIAN" ETHER SATURATOR.

Where house gas is not available and it is desired to avoid the expense and trouble of two cylinders, ether saturators may be used with advantage.

This saturator, which is made only by Messrs. Newton & Co., was designed at Christ's College, Christchurch, New Zealand, for use in the laboratory there.

It has considerable advantages over those in general use here, as there is a supply of spare ether which keeps the flannel packing always equally saturated, and so prevents the diminution of light experienced with most patterns after they have been working for some time. Even with a large bore jet the saturation with the "Newtonian" saturator is perfect for over three hours.

If hung through a hole in the table or lantern box, as is intended, it is impossible to upset it, and the construction is so simple that the packing can readily be removed for drying, while there is nothing to get out of order, and the possibility of leakage is reduced to a minimum.

It can be used with any good mixed jet.

Being made throughout in our own workshops, it is, of course, of sound and excellent workmanship.

8107 "Newtonian" Ether Saturator.. .. £2 15 0

Mr. J. H. Taylor, late Editor of the *Optical Magic Lantern Journal*, says in the *Journal*:—

"We lately submitted this Saturator to some exhaustive and severe trials with jets of very large bore, and were very pleased with the results obtained."

"Instantly we obtained an excellent light, which only went down after three hours by reason of the contents of the 30-foot oxygen cylinder being used."

"We were greatly pleased with the behaviour of this Saturator, which will be found to work with absolute safety."

"With it, one who had never before used a Saturator could not fail in getting a good light, with practically no trouble."



No. 8107.

## OXY-SPIRIT JET.



No. 8108.

This is practically a blow-through jet using a flame of methylated instead of coal gas. It is the weakest form of lime light, being very little, if any, better than acetylene.

8108 Newton's Improved or Spirit Lamp Jet, with platinum nipple, to be used when house gas is not available (Fig. 8108) .. .. £1 1 0

NEWTON & CO.'S IMPROVED LAMP is so constructed as to enable the lantern to be placed at an angle, and thus obviate the necessity of raising it to the centre of the disc,

## COMPRESSED GAS APPARATUS.

NEWTON & Co. have made arrangements with The British Oxygen Company to supply Steel Cylinders and Fittings made by the Company for compressed oxygen and hydrogen, so as to save customers the trouble of purchasing from two different firms. The prices are those charged by the Company.

As Messrs. Newton & Co. do not manufacture or fill these cylinders they cannot of course accept any responsibility in the matter, but full reliance may be placed in the care and experience of the makers, and every cylinder will bear their mark as being of the highest quality, and having successfully passed all the most recent tests.

*Steel Gas Cylinders, as above (Fig. 8109).*

8109	6 ft. capcy., size 18 in. by 4 in., approx. wht. 10 lb.	£1	6	6
8110	12 ft. " size 22 in. by 4 in. " " 15 lb.	1	9	6
8111	20 ft. " size 33 in. by 4 in. " " 28 lb.	1	13	0
8112	40 ft. " size 34 in. by 5½ in. " " 39 lb.	2	9	6
8113	80 ft. " size 41 in. by 7 in. " " 74 lb.	3	19	0

It is advisable to purchase the following fittings with the above cylinders:—

Nipple and Union, 2s. 3d., Steel Key, 1s. 9d.

It is necessary that each cylinder should be in a wood or hemp case for conveyance.

8114	Wooden Case for Cylinder, 6 ft. or 12 ft., 1s. 6d.; 20 ft., 2s. 6d.; 40 ft., 3s.; 80ft. .. .. .	20	5	0
8115	Hemp Covers for Cylinders 6 ft., 3s. 6d.; 12 ft. 4s. 6d.; 20 ft., 5s. 6d.; 40 ft., 7s. 6d.; 80 ft. .. .. .	0	13	0
8116	Oxygen Gas. If the above cylinders are supplied ready filled with oxygen gas the extra cost will be: 6 ft., 1s. 6d.; 12 ft., 3s.; 20 ft., 4s. 2d.; 40 ft., 8s. 4d.; 80 ft., 13s. 4d.			
8117	Hydrogen Gas (coal gas is supplied for this, being more suitable than pure hydrogen). If the above cylinders are supplied ready filled with coal gas the extra cost will be: 6 ft., 1s. 3d.; 12 ft., 2s. 6d.; 20 ft., 3s. 4d.; 40 ft., 6s. 8d.; 80 ft., 10s.			
8118	Regulator, Beard's, for use with cylinders (Fig. 8118) .. .. .	1	1	0

If the injector jet (No.8106) is to be used, the special High Pressure Regulator should be asked for at the same price.

8119	Fine Adjustment Valve, Beard's, for use instead of regulator	..	0	10	6
8120	Pressure Gauge with Safety Check, for hydrogen, 30s., for oxygen	..	1	12	6
8121	T Piece for combining regulator and pressure gauge	.. ..	0	6	0



Nos. 8109 and 8118.



No. 8118.

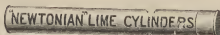
## OXYHYDROGEN GAS APPARATUS.

Where compressed gas is not available it is necessary to manufacture the oxygen by heating together a mixture of chlorate of potash and black oxide of manganese (oxygen mixture) and filling a large gas bag from the retort. Hydrogen may in the same way be generated by dissolving zinc in dilute sulphuric acid, or a gas bag may be filled from the supply mains if this is available, or, in the case of a blow-through jet, house gas may of course be used direct from the mains without storing in a gas bag. Owing to the ease with which compressed gas cylinders can now be obtained, these gas bags are not often used in civilised countries, but in out-of-the-way districts they will be found very useful and convenient. Very clear and explicit directions for manipulation will be found in "Optical Projection," by the late Mr. Lewis Wright.

### APPARATUS FOR MAKING OXYGEN AND HYDROGEN.



8122	Newton's Improved India-rubber Gas Bag, <i>best quality</i> , wedge-shape, size 38 by 26, and 20-in. wedge, with stopcock (Fig. 8122) ..	£4 14 6
8123	Newton's Improved India-rubber Gas Bag, <i>best quality</i> , wedge-shape, extra large, for use with the oxyhydrogen light when both gases are under pressure; size 44 by 35, and 21½-in. wedge, with stopcock (Fig. 8123) ..	6 6 0
These Gas Bags are made of thick solid India-rubber; cheap thin ones will not bear the necessary pressure. The above prices are governed by the price of best rubber, which is at present very high, they are therefore subject to fluctuation.		
8124	Pressure Boards, jointed, position of weights, when in use (Fig. 8124)	0 15 0
8125	Ditto ditto with hinged flap for weights and leather strap ..	1 9 0
8125A	Pressure Boards, Double, for use with the oxyhydrogen jets when both gases are under pressure, for two 8-foot bags ..	2 12 6
8126	Iron Retort, with tube for making oxygen gas (Fig. 8126) ..	0 17 6
8127	Zinc Purifier for the above retort (Fig. 8127) ..	0 6 6
8128	Hydrogen Retort in stout lead for generating hydrogen gas ..	1 1 0
8129	Gas Mixture for making oxygen gas .. per lb.	0 1 0



No. 8133.

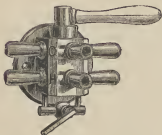
8130	Lime Cylinders, one dozen in tins .. .. . hard	0 2 0
8131	Ditto extra large .. .. . per doz.	0 4 0
8132	Brass Tube, to hold one dozen limes, ready for use, air tight ..	0 4 0
8133	"Newtonian" Hard Lime Cylinders, packed in tins, 6 in each, per tin	0 1 9
"The Newtonian" Hard Lime Cylinders are the most intensely luminous limes made; they very rarely break when in use. (Fig. 8133.)		
8134	"Newtonian" Hard Lime Cylinders, each in sealed glass tube ..	0 0 4
8135	Lime Tongs for removing hot limes, best form 2s. .. ordinary	0 1 0



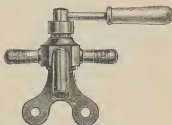
## ACCESSORIES FOR LIME LIGHT.

8136	Lime-light Tray with pillar and adjusting motions complete, new pattern .. .. .	£1 5 0
8137	Solid India-rubber Tubing, $\frac{5}{16}$ in. .. .. .	per foot 0 0 9
8138	India-rubber Tubing, cheaper quality .. .. .	per foot 0 0 6
8139	Extra Stout Red India-rubber Tubing, $\frac{3}{8}$ in. bore, $\frac{1}{2}$ in. external diameter .. .. .	per foot 0 3 0
8140	Metallic Flexible Tubing with rubber unions for connecting, 6-ft. lengths .. .. .	per pair 0 7 0

## DISSOLVING TAPS.

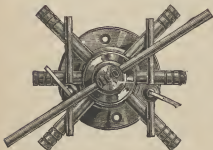


No. 8141.



No. 8143

- 8141 Dissolving Bye-pass Tap, Newton's Improved, to be used with a pair of oxycalcium gas jets, for obtaining the effect of dissolving by turning the oxygen and hydrogen gases alternately into each lantern, and so dispensing with the ordinary dissolving apparatus. (Fig. 8141).. £1 1 0
- 8142 Dissolving Bye-pass Tap, Newton's Improved, as above, with locking screw for attachment to Lantern, best workmanship, extra finish 1 10 0
- 8143 Dissolving Tap, Newton's Improved, for the acetylene lamps, for obtaining the effect of dissolving by turning the gas alternately into each lantern, so dispensing with the dissolving apparatus. (Fig. 8143) .. 1 1 0



No. 8144.



No. 8145.

- 8144 Dissolving Tap, Newton's Improved Six-Way, with bye-pass taps for use with a pair of oxyhydrogen jets, when two cylinders or bags are used, and both gases are under pressure. (Fig. 8144) .. £1 7 6
- 8145 Dissolving Tap, Newton's Improved Four-way, as above, for use with a third lantern and both gases under pressure. (Fig. 8145) .. 1 2 6
- 8146 Dissolving Fans, for use with oil lanterns .. .. . 1 1 0

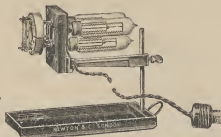
## THE "NEWTONIAN" NERNST ELECTRICAL LAMPS FOR OPTICAL LANTERNS.

Very brilliant.

Very simple.

Require no special fittings.

Work on the ordinary house circuit.



Absolutely safe.

Require no adjustment or attention when once started.

Fit any ordinary Lantern.

No. 8149.

While for large and important lantern work with the electric light the arc lamp is undoubtedly the best to use, the Nernst lamp, as now mounted by us for use in the lantern, is a most efficient substitute, and possesses the great convenience that it can be connected up in a moment by anyone to any socket in place of the ordinary incandescent lamp, whereas the arc lamp requires special wires laid on for it, to carry the heavy current which it takes; especially with alternating current it will be found most suitable in a great many cases, as the light is absolutely steady and there is none of the disagreeable hum inseparable from alternating arc lamps.

The disadvantage is the liability to breakage of filaments and resistances, but they are not very expensive to replace, and the first outlay is so much less than with an arc lamp that the expense is very considerably less in spite of breakages.

These Nernst lamps are entirely complete in themselves, the prices quoted below including *all* that is needed for their successful working. There are no extras required at all except in the case of breakage; and to guard against trouble from this cause it is well to duplicate the parts mentioned below.

The form shown above is strongly recommended in preference to those contained in tubular mounts, as it is easy to see and replace if a resistance fails during an exhibition, whereas with the other form, which is all closed in, this is impossible.

We are supplying them in two forms, "Single" and "Triple." The "Single" Nernst lamp gives a good light for showing slides up to about 10 ft. or 12 ft. in diameter when used on a 200-volt current.

8146 Price, complete with burner, resistance tube, connecting wire, plug to fit an incandescent lamp socket, clamp to fit the rod of an ordinary lantern tray, and spirit torch .. .. . £1 5 0

In case of breakage, it is well to have also in addition:

8147 Extra Burner .. .. . 0 3 0

8148 Extra Resistance .. .. . 0 1 0

The "Triple" Nernst Lamp is similar to the above, but more powerful, giving on a 200-volt circuit nominally 1,000 candle-power, and about 450 candle-power on 100-volt circuit; so that it will give a well illuminated picture 15 ft. to 18 ft. in diameter. It has three filaments which become incandescent, whereas the "Single" lamp has only one.

8149 Price, complete, with triple burner and resistance tubes, connecting wire and plug to fit an incandescent lamp socket, clamp to fit the rod of an ordinary lantern tray, and spirit torch. Fig. 8149 .. .. . £2 10 0

In case of breakage, it is well to have also in addition:

8150 An Extra Triple Burner .. .. . 0 12 6

8151 An Extra Resistance .. .. . 0 2 6

**Note.**—When ordering always say whether the current is alternating or continuous, and at what number of volts pressure it is supplied.

These lamps can be seen at work at any time at 3, Fleet Street, E.C.

## NEW SCISSORS PATTERN HAND-FEED ARC LAMP.

We have designed this new pattern arc lamp in response to a demand for a cheap and yet strong hand-feed arc lamp, for projection and laboratory work. We do not consider the type so good or convenient as our "Universal" pattern; but it will be found a great improvement on most of the cheap lamps obtainable. It is fitted with a quick arc-striking arrangement of an entirely new design, which can be used without any danger of upsetting the centring of the arc lamp, as is too often the case with quick-striking arrangements.

8154 "Newtonian" Scissors Arc Lamp, as above .. .. .	£2 2 0
8155 Mechanical Tray for above, with movements in all directions .. .. .	1 5 0

## THE "UNIVERSAL" ELECTRIC ARC LAMP.

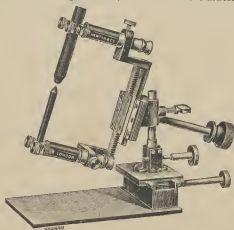
FOR OPTICAL LANTERNS.

(HAND-FEED.) (PATENT.)

The electric arc lamp is the best of all illuminants for lantern work. It produces the most brilliant light of any besides the sharpest definition, and it is simple to use, and, once installed, inexpensive. For ordinary use a hand-feed lamp is undoubtedly the most convenient, and our "Universal" pattern has been designed with the advantage of the experience gained during the last fifteen years.

As its name implies, it will work on any current (either continuous or alternating) and the adjustments are simple and convenient.

Fig. 8156 shows the lamp arranged for ordinary lantern work, on tray No. 8158, in which all the necessary motions for centring are provided. The three milled heads shown projecting from the back of the lamp enable the carbons to be fed and the arc adjusted up and down and from right to left, from outside the lantern.

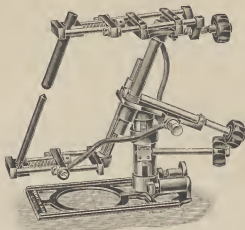


Nos. 8156 and 8158.

8156 "Universal" Hand-Feed Arc Lamp for lanterns, as above, with adjustments (see Fig. 8156) but without adjusting tray .. .. .	£2 18 6
8157 Carbons for Lamp .. .. . per pair	0 0 3
When ordering Carbons state whether they are required for continuous or alternating current.	
8158 New Adjusting Tray for ditto (Fig. 8158) .. .. .	1 5 0
8159 Induction Ring fitted to above lamp, for use with alternating current ..	1 1 0
This device almost entirely prevents the unsteadiness of the light so often noticed with alternating current arc lamps.	
8160 Switch (Silent) for ditto on slate bed .. .. .	0 10 0
8161 Simple Hand-Feed Arc Lamp for theatre lights .. .. .	2 2 0

## THE "NEW UNIVERSAL" HAND-FEED ARC LAMP.

THE BEST  
ARC LAMP  
FOR  
LANTERN  
OR  
LABORATORY  
WORK.



Requires no  
adjusting tray  
as all  
necessary  
movements are  
built into the  
lamp itself.

No. 8162.

This new Arc Lamp is the outcome of many years of experience in this direction. Our original "Universal" Arc Lamp was the first of its kind to be put on the market some twelve or thirteen years ago, and the type has been gradually improved in the course of years. This new pattern represents, we believe, the most perfect pattern projector lamp at present devised. It is strong, and all the movements are thoroughly well made. Owing to the peculiar construction of the lamp, longer carbons can be used with it than with any other pattern having the same height of centre. It is made for, and can be used with, any of our ordinary projection lanterns, or we can construct it to suit lanterns of different size, if required.

8162 New "Universal" Arc Lamp, as Fig. 8162	..	..	..	..	£5	5	0
8163 Carbons for ditto, per pair	..	..	..	..	0	0	3
8164 Switch (Silent) for ditto, on slate bed	..	..	..	..	0	10	6

When required for use with alternating current, we can fit this lamp with an Inductance Ring, which has the effect of keeping the arc in front and preventing the rotation of the arc round the carbons, which is so annoying with alternating current.

8165 Inductance Ring, &c., fitted to above lamp	..	..	..	..	£1	1	0
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## ELECTRIC ARC LAMPS.

## AUTOMATIC FEED.



8166 The "Oliver" Automatic Arc Lamp for Projection. Best quality, self-feeding, focus-keeping, made specially for use in our large electric lanterns. Can be worked direct from a dynamo or from accumulators; gives about 2,500 candle-power. Works with extreme steadiness. The amount of light given can be increased or diminished at will.

(Fig. 8166) 12 12 0

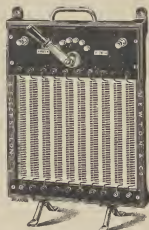
8167 Carbons for ditto	..	..	..	per pair	0	0	6
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No. 8166.

## ADJUSTABLE RESISTANCES FOR ARC LAMPS.



No. 8168.



No. 8171.

This form of resistance, which is the best for lantern work, we make in two patterns, and owing to the large number we have made we are now able to reduce the cost considerably. No. 8168 is for fixing to a wall, No. 8171 is for carrying about to various places, and is meant to stand on the floor; its feet fold flat for packing, and to make it more portable the frame is of aluminium.

All these resistances are wound with wire amply thick enough to carry the current stated without undue heating, and can if required be utilized for currents considerably heavier without damage.

## Resistances to carry 10 to 12 Amperes.

Voltage of Current.		Fig. 8168				Fig. 8171			
8168 100	Iron Frame	..	£3 3 0	..	8171	Aluminium Portable	..	£4 0 0	
8169 200	"	..	4 4 0	..	8172	" "	..	5 0 0	
8170 240	"	..	4 7 6	..	8173	" "	..	5 5 0	

## Resistances to carry 20 Amperes.

Voltage of Current.		Fig. 8168				Fig. 8171			
8174 100	Iron Frame	..	£4 0 0	..	8177	Aluminium Portable	..	£4 15 0	
8175 200	"	..	5 0 0	..	8178	" "	..	6 0 0	
8176 240	"	..	5 5 0	..	8179	" "	..	6 6 0	

## Universal Resistances, adjusting to carry from 10 to 20 Amperes.

Voltage of Current.		Fig. 8168				Fig. 8171			
8180 100	Iron Frame	..	£4 15 0	..	8183	Aluminium Portable	..	£5 10 0	
8181 200	"	..	6 0 0	..	8184	" "	..	7 7 0	
8182 240	"	..	7 7 0	..	8185	" "	..	8 15 0	

All the Resistances on this and the following page being designed and made at our own works, we can guarantee the workmanship as well as assuring a satisfactory result.



No. 8186.

### NEW CHEAP-PATTERN RESISTANCE FRAME.

This has been designed to meet the demand for a resistance at a low price for use with an electric arc lamp.

It is not adjustable, so must be made to suit the voltage of the current with which it is to be used; but it is very simple, rigid, efficient, and cheap.

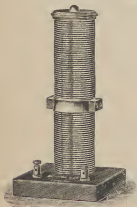
8186 Resistance Frame to carry 10 amperes (Fig. 8186) for 100-volt current .. ..	£1 15 0
8187 Resistance Frame, as above, for 200-volt current .. ..	1 17 6
8188 Resistance Frame, as above, for 250-volt current .. ..	2 0 0

### Resistances mounted on China Bobbins and Iron Frames.

This is the cheapest of all forms of resistance for lantern arc lamps where only a small resistance is required, as for example, 100 volts.

They are somewhat rough and clumsy in appearance, but strong and durable, and where economy is an object, can be recommended.

8189 Resistances, as above, not adjustable, for 100 volts, 10 amperes .. ..	£1 5 0
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No. 8190

### TABLE RESISTANCE FOR ARC LAMPS.

This is an adjusting resistance bobbin mounted on slate, so that it can be safely placed on the table. The resistance is increased or diminished by sliding a brass contact maker, so that the amount of current supplied to the lamp can be adjusted to a nicety and the amount of light increased or diminished at will. Fig. 8190.

8190 3 Ohms resistance for 10 ampere current,				
		1 bobbin	£1 10 0	
8191 6 .. ..	2 bobbins	2 15 0		
8192 9 .. ..	3 ..	4 4 0		
8193 12 .. ..	4 ..	5 15 6		

### COMBINED TRANSFORMER AND RESISTANCE FOR ALTERNATING ARC LAMPS.

Where the current is alternating and exceeds 120 volts, a combined transformer and resistance is required if really satisfactory results are to be obtained. We have had great experience in this branch of lantern work, and our combination is the very best arrangement that can be supplied. The resistance should preferably be adjustable, but a slight saving in cost can be made if this is not required.

8195 Alternating Current Transformer for arc lamps, to carry 10 amperes	£5 5 0
8196 Adjusting Resistance for ditto .. ..	3 3 0
8197 Alternating Current Transformer, as above, to carry 20 amperes ..	9 9 0
8198 Adjusting Resistance, as above .. ..	4 0 0

Voltage and periodicity of the current should be stated when ordering.

# LANTERN ACCESSORIES.

## CONDENSERS FOR OPTICAL LANTERNS.

All these condensers are English made, and are ground optically true; they are also well *annealed*, and are therefore far less likely to crack from the heat than the cheap foreign ones usually sold in lanterns. Each lens is permanently bezzelled into a brass cell, so that the condenser can easily be taken to pieces for cleaning and replaced in its proper position.

8200	Condenser, <i>Single</i> , 4-in. Plano-convex .. .. .	£0 10 6
8201	Condenser, <i>Double</i> , 4-in. Plano-convex, specially made for use with oil light, in brass cells for lantern (Fig. 8201) .. .. .	1 1 0
8202	Condenser, <i>Double</i> , 4-in. Plano-convex, specially made for use with the lime light, in brass cells for lantern .. .. .	1 1 0
8203	Condenser, <i>Double</i> , 4½-in., in brass cell.. .. .	1 3 6
8204	Condenser, <i>Double</i> , 4½-in. Plano-convex, in brass cells for lantern .. .. .	1 7 6
8205	Condenser, <i>Double</i> , 5-in. Plano-convex, in brass cells for lantern .. .. .	1 10 0
8206	Condenser, <i>Double</i> , 5½-in. Plano-convex, in brass cells for lantern .. .. .	1 17 6



No. 8201.



No. 8214.



No. 8207.



No. 8208.

8207	Condenser, <i>Quadruple</i> , 5-in. diameter, for lantern microscope, with lime light (Fig. 8207) .. .. .	3 10 0
8208	Condenser, <i>Quadruple</i> , as above, for electric light .. .. .	3 10 0

## CONDENSING LENSES FOR ENLARGING LANTERNS.

Double plano-convex condensing lenses, best quality, optically worked, mounted in screwed brass mounts for photographic enlarging.

8210	6-in. diameter .. .. .	£2 5 0	8214	10-in. diameter (Fig. 8214) .. .. .	£6 10 0
8211	7-in. „ .. .. .	2 15 0	8215	11-in. „ .. .. .	9 9 0
8212	8-in. „ .. .. .	3 10 0	8215A	12-in. „ .. .. .	12 12 0
8213	9-in. „ .. .. .	4 10 0	8215B	15-in. „ .. .. .	25 0 0

For enlarging lanterns, see pages 69 and 70.

## OBJECTIVES FOR OPTICAL LANTERNS.

Double Achromatic Lantern Objectives, complete in brass mount with rack and pinion, flashing shutter, slot for tinter, &c. :—

8216	4½-in. equivalent focus ..	£1 1 0	8218	8-in. equivalent focus ..	£1 12 6
8217	6-in. ..	1 10 0	8219	10-in. ..	1 12 6

Double Achromatic Lantern Objectives, as above, but mounted in brass cylinders to slide into a rackwork fitting. This method is useful when it is required to work the same lantern with lenses of different foci, as is often required, for instance, by a travelling lecturer :—

8220	4½-in. equivalent focus ..	£0 18 0	8222	8-in. equivalent focus ..	£1 10 0
8221	6-in. ..	1 7 6	8223	10-in. ..	1 10 0

8224 Rack Front to fit the above lens cylinders into .. .. . 0 15 0

Lengthening Adapter, to screw into lantern front, to use with long-range lenses :—

8225	2½-in. diameter ..	£0 7 6	8226	3-in. diameter ..	£0 10 6
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8227 Single Achromatic Lenses, in brass cells, 8-in., 10-in., 12-in., 14-in. or 16-in. focus .. .. . 0 10 6

8228 Rack Front for above lenses .. .. . 0 12 6

8229 Extra Half-Condenser, to interchange with the front lens of the ordinary condenser when required for use with long focus objectives .. .. . 0 10 6

8230 Large-size Double Achromatic Lantern Objectives, 3-in. diameter, mounted in brass tubes to fit rack fronts, as fitted by us to our large long-range lanterns; 8-in., 9-in., 10-in., 12-in., 14-in., 15-in., or 18-in. focus each 5 5 0

8231 Large Rack Fronts for the above lenses .. .. . 1 5 0

8233 Brass Tube Sliding Adapters for use with the above large-diameter lenses .. .. . 0 17 6

## THE "OMNIFOCA" LANTERN LENS.

Up to the present it has been necessary to have several front lenses to adapt a lantern to various sized rooms, as each lens would only show a picture of a certain size at any given distance from the screen.

Our "Omnifocal" Lens largely gets over this difficulty, as it enables the operator to greatly vary the focus of his lens and thereby to show a picture of any size he desires at almost any distance that is convenient. Thus a 6-in. lens fitted with this attachment becomes at will a 12-in., 13-in., 14-in., 15-in., &c. It does not, however, enable a slight increase of length to be made to the focus of the lens; thus a 6-in. lens cannot be made a 7-in. or 8-in., only from about 12-in. and upwards.

For long ranges it is necessary to use adapters or telescopic fronts, to carry the lens at a considerable distance from the slide.

The method consists in fitting a negative lens behind the objective, as in the well-known Dallmeyer "Telephoto" lens. This lens, by drawing out the tubes or adapters of the lantern front, can be adjusted at any required distance from the slide, and focussing is then performed by the rack and pinion in the ordinary way. The less distance there is between the negative lens and the slide, the larger the picture on the screen will be; and conversely to make the picture smaller, without moving the lantern, it is only necessary to adjust the negative lens further from the slide and then refocus with the milled head as usual.

8234 Newton's "Omnifocal" Rack Front Lens, 6-in. equiv. focus, complete with negative lens giving any size picture at almost any distance, suitable for use on any lantern .. .. . £5 0 0

Large numbers of our customers already possess our 4½-in. and 6-in. front lenses, and we can supply the new negative lens and tube to fit these without alteration, thus making the ordinary lenses into "Omnifocal" lenses as above.

8235 Newton's New "Omnifocal" Attachment for screwing on to their ordinary 4½-in. or 6-in. front lenses to make them available at all ranges, as above .. .. . each £3 10 0

As Messrs. J. H. Dallmeyer, Ltd., have an unrivalled reputation for these negative lenses for photographic work, we have entered into an agreement with them by which they construct them for lantern work solely for us.



## SLIDE TINTERS.

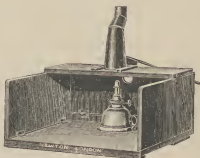
Most of our best lenses are now fitted with slots for slide tinters, and only need the necessary coloured glass or gelatines supplied to fit into them.

8236 Tinted Glasses for slide tinters	..	..	..	..	..	each	£0	0	6
8237 Gelatine Films for ditto..	..	..	..	..	per packet of 10		0	1	0
8238 Revolving Slide Tinter, improved pattern, allowing the tints to be changed at will without difficulty	..	..	..	..	..		0	15	0

## PORTABLE READING DESKS AND LAMPS.



No. 8241.



No. 8240.

8239	Reading Desk, Portable Folding, and lamp combined, with silent flashing signal to exhibitor, folding into very small compass for portability. Mahogany (French-polished) complete .. .. .	£1	1	0
8240	Reading Desk, ditto. Pine (stained and polished). Fig. 8240 ..	0	15	0
8241	Lecturer's Reading Desk with stand and signal lamp, as supplied to the <i>Military Council of Education</i> . Fig. 8241 .. .. .	1	7	6
8242	Lecturer's Reading Lamp, with oil burner, very portable, with silent flashing signal to exhibitor .. .. .	0	8	6
8243	Lecturer's Reading Lamp, as above, but fitted for candle instead of oil	0	8	6
8244	Cheap pattern Candle Reading Lamp .. .. .	0	5	6
8245	Special Candles for use with the above candle lamps, per dozen .. ..	0	2	0
8246	Electric Signal Bell with battery and long coil of wire, in case complete, for silent signalling to exhibitor when to change the slide .. .. .	1	1	0
8247	Castanettes for signalling to the exhibitor by a clicking sound .. each	0	0	4

## PORTABLE LANTERN STANDS.



No. 8248.

- 8248 Portable Lantern Stand. Is a very useful steady stand for either lantern or bi-unial. It is a highly finished stand of polished mahogany, with large table for lantern, and four sliding legs with brass clamps, which can be fixed at any height, from 3 ft. to 5 ft. 6 in. from the floor.  
Fig. 8248 .. .. £2 10 0

- 8249 Tripod Portable Lantern Stand, with sliding legs, tilting screw, &c., very strong and rigid, as shown in Fig. 8249 .. £1 15 0



No. 8249.

- 8250 Portable Lantern Stand and box combined (Newton's Patent). Suitable for single lanterns, either oil or lime light, very light and convenient, can be made to fit any lantern. For details and woodcuts, see page 6, No. 8003.. £1 15 0

- 8251 Folding Lantern Stand, for use with any single lantern. Very rigid and portable.. .. 0 18 6

- 8252 Tilting Board for ditto, with adjusting screw .. .. 0 8 6

- 8253 Rigid High Lantern Table with large centre shelf. This is not portable, but can easily be moved about a hall; 5 ft. to 6 ft. high .. .. £2 2s. to 3 3 0

## LANTERN SHEETS.

A screen for lantern work may consist either of a linen *sheet* or a distempered canvas surface. The latter is by far the best, but cannot be folded, but only rolled up. These canvas screens are therefore not very portable, and are chiefly used as more or less of fixtures in lecture halls or churches. Prices and details of them are given on the next page. The linen sheets, on the other hand, can easily be packed up and put away in a bag; but the image on them is slightly less brilliant, as a percentage of the light passes through them and is lost. These sheets must be well stretched either on a screen stand or to the walls or fixtures in the room.

We also supply them in a specially thin material intended for transparent work, i.e., showing the picture *through* the sheet, the audience being on the other side.

8254 Transparent Sheets for exhibiting the pictures *through* the sheet, with well sewn edges and eyelet holes for stretching:—

7 ft. square	..	..	..	£0 8 6	14 ft. square	..	..	..	£1 15 0
10 ft. „	..	..	..	0 15 0	16 ft. „	..	..	..	2 2 0
12 ft. „	..	..	..	1 1 0					

8255 Opaque Sheets, as above, for showing the pictures *on* the sheet:—

7 ft. square	..	..	..	£0 10 6	15 ft. square	..	..	..	£1 15 0
9 ft. „	..	..	..	0 12 6	16 ft. „	..	..	..	1 17 6
10 ft. „	..	..	..	1 1 0	18 ft. „	..	..	..	2 5 0
12 ft. „	..	..	..	1 5 0	20 ft. „	..	..	..	2 17 6

## PORTABLE SCREEN STANDS.

These are portable frames intended to support the above sheets, and are very light and rigid.



No. 8256.

8256 Screen Stands, Portable (Fig. 8256), consisting of wooden rods and metal tube joints, for use in rooms where the sheet cannot be fastened to the wall, for 7-ft. screen, in case, 3 ft. 10 in. long by 6 in. square, for use with transparent screens, No. 8254, or opaque screens, No. 8255 .. .. £1 5 0

8257 Screen Stands, Portable, as above, for 10-ft. sheet, in case, 3 ft. 8 in. long by 6 in. square .. 1 12 6

8258 Screen Stands, Square, on Feet, very rigid and steady, with rods, ferrules, and corner pulleys, in case, complete with room for sheet, best quality. These are much stronger and more rigid, but are heavier than the two light stands mentioned above:—

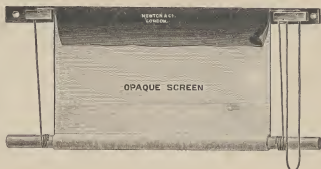
6 ft. ..	..	£1 10 0	10 ft. ..	..	£2 13 0	16 ft. ..	..	£4 6 0
7 ft. ..	..	1 13 6	12 ft. ..	..	3 0 0	18 ft. ..	..	4 17 6
8 ft. ..	..	1 16 0	14 ft. ..	..	3 8 0	20 ft. ..	..	5 8 0
9 ft. ..	..	1 16 0	15 ft. ..	..	4 0 0	24 ft. ..	..	6 0 0

## BAMBOO SCREEN STANDS.

8259 These stands are made up of short lengths of bamboo rod joined together with brass ferrules and brass corners, with small pulleys so as to make it easy to haul the sheet into position. Complete in small case with handle:—

6 ft. ..	..	£1 10 0	9 ft. ..	..	£1 16 0	12 ft. ..	..	£2 2 0
7 ft. ..	..	1 13 6	10 ft. ..	..	1 19 0	14 ft. ..	..	3 0 0
8 ft. ..	..	1 16 0						

## DISTEMPERED CANVAS ROLLER SCREENS.



No. 8260.

These are the best screens to use if they are not required to be carried from place to place. They are not heavy and can easily be moved from room to room. Their opacity is such that practically *all* the light which falls on them is reflected back to the audience, so that the pictures appear much brighter than on an ordinary sheet. They are also much less trouble as they need no stretching.

8260 Opaque Cloth Screens, Painted White, and mounted on roller and batten, similar to a map, with pulleys and cords so that they can be drawn up like a blind (Fig. 8260) :—

6 ft. .. .. £1 0 0	10 ft. .. .. £2 2 0	16 ft. .. .. £5 0 0
7 ft. .. .. 1 2 6	12 ft. .. .. 2 15 0	18 ft. .. .. 6 5 0
8 ft. .. .. 1 5 0	14 ft. .. .. 3 17 6	20 ft. .. .. 8 10 0
9 ft. .. .. 1 10 0	15 ft. .. .. 4 10 0	

8261 Screens, as above, but fitted in *Wooden Cases*, so constructed with pulleys and cords that the screen rolls up into the box for protection. The convenience of this is that the screen can be left fixed in its place. At a small extra cost the box can be painted or coloured to suit room if required :—

6 ft. .. .. £1 7 0	12 ft. .. .. £3 6 6	18 ft. .. .. £8 0 0
7 ft. .. .. 1 10 0	14 ft. .. .. 4 10 0	20 ft. .. .. 9 10 0
8 ft. .. .. 1 13 0	15 ft. .. .. 5 5 0	22 ft. .. .. 10 15 0
9 ft. .. .. 1 18 6	16 ft. .. .. 5 15 0	24 ft. .. .. 12 10 0
10 ft. .. .. 2 10 0		

## DRAWING-ROOM SCREEN AND STAND.

8362 Transparent Paper Screens, for drawing-room use, very light and portable, folding stand, roller blind arrangement, for standing on drawing-room table, 40 in. square .. .. . £1 10 0

8262 Transparent Paper Screen, as above, 5 ft. square .. .. . 2 0 0

The above screens are specially adapted for drawing-rooms, where a large picture is not required and an ordinary screen cannot readily be hung. The picture shown through the tracing paper is very brilliant. These are used by the various Missionary Societies for drawing-room meetings.

## SLIDE CARRIERS.

8263 Metal Carrier for framed slides .. .. . £0 5 6

This is intended for use where the slides are in wooden frames as is still the case with the more expensive slides sent out on hire.

The carrier is placed in the lantern stage, and the framed slides are passed through panoramically and as easily as unframed slides.

Where the slides used at a lecture are partly framed and partly unframed, we can supply slotted frames into which the latter can be fitted and then passed through the metal carrier (No. 8263). Two of these slotted frames will be found convenient.

8264 Slotted Frame, as above .. .. . each 0 1 0

8265 Carriers for Unframed Slides, panoramic carrier for pushing the slides through, very useful for long sliding effects .. .. . 0 2 0



8266 Double Sliding Carrier, the simplest and most convenient of all carriers for single lanterns. This and No. 8267 are fitted with a very simple lifting arrangement which raises the slides, enabling the operator to take them out more readily (Fig. 8266) .. .. . each 0 3 0



8267 Carrier, single sliding, for a pair of lanterns (Fig. 8267) .. .. . 0 3 0



8268 Carrier, Beard's Patent Self-centring (Fig. 8268) .. .. . 0 5 0

8269 " Beard's Patent Self-centring, with metal masks .. .. . 0 7 6

8270 " for giving somewhat the effect of dissolving with a single lantern 0 10 6

8270a " as No. 8270 but "Universal," to take any size slide .. .. . 0 12 6

In these patent carriers the slide is withdrawn from the same side of the lantern to that in which it is inserted, thus avoiding the necessity of the operator having to reach over to the far side.

8271 Lantern Slide Carrier. The effect caused by the using of this carrier is that there is no bright blank light when the slide is changed, the space being covered by a wood shutter .. .. . 0 4 6

8272 Davenport's Carrier, giving somewhat the appearance of a curtain being raised and lowered when changing from one picture to another .. 0 7 6

8273 Slide Frames (mahogany), for mounting pictures .. .. . per doz. 0 4 6

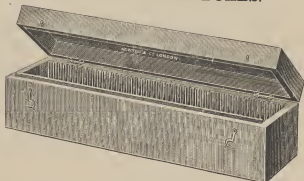
## LEATHER CARDBOARD SLIDE BOXES.

These are very strong, light, and cheap; they are made in two sizes, and the straps are fixed so as to prevent their being lost.

8274 Leather-Board Box, to hold 4 dozen slides, with strap and buckle .. £0 0 9

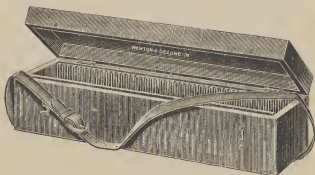
8275 Leather-Board Box, to hold 6 dozen slides, with strap and buckle .. 0 1 0

## WOODEN SLIDE BOXES.



No. 8276.

8276 Grooved Lantern Slide Boxes, with improved paper covered metal grooves, for pictures without frames (Fig. 8276); 12 slides, 1s. 4d.; 24 slides, 2s. 3d.; 36 slides, 2s. 3d.; 48 slides, 3s. 6d.; 60 slides, 4s.; 100 slides 0 5 9



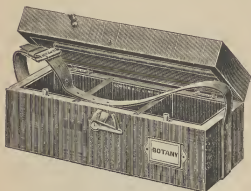
No. 8277.

8277 Varnished Pine Slide Boxes, fitted with improved paper-covered metal grooving and leather straps (Fig. 8277)  
36 slides, 5s. ; 48 slides, 5s. 6d.; 60 slides, 6s. ... .. 100 slides 0 7 6

8278 Varnished Pine Grooved Box, for 50 slides, and division for carrier, with strap .. .. . 0 12 6

8279 Varnished Pine Store Boxes, with divisions, but without grooves, holding about 100 slides .. .. . 0 5 0

## WOODEN SLIDE BOXES.



No. 8280.

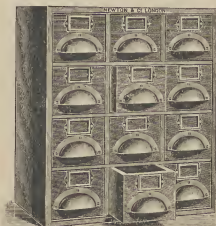


No. 8281.

\* AS MADE FOR THE LONDON COUNTY COUNCIL.

- 8280 Varnished Pine Slide Boxes, with divisions, without grooves, with felt and india-rubber tube packings, with strap, extra strong for travelling.  
 (Fig. 8280) 2—space to hold 30 slides, 6s. 6d.; 3—space for 45 slides, 7s. 6d.; 4—space for 60 slides, 8s. 6d.; 5—space for 75 slides .. .. £0 9 6
- 8281 Varnished Pine Boxes, lined felt throughout, with handle, (Fig. 8281) with one space to hold 30 slides, 5s. 6d.; 2—space for 60 slides 0 6 6

## SLIDE CABINET.

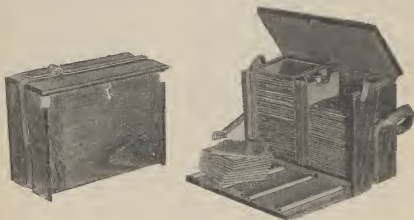


No. 8282.

- 8282 Slide Cabinet, with 12 drawers, space for holding each about 60 slides, varnished white wood (Fig. 8282) .. .. 2 0 0
- Larger sizes made to order.

## PATENT SLIDE BOX FOR CARRYING AND HEATING SLIDES.

Most lecturers have been troubled by the moisture which forms on cold slides when put into the lantern on a damp, cold night. To prevent this, by warming the slides beforehand, is the object of the Patent Slide box.



No. 8283.

This is a strong, neat, and convenient box for carrying about 90 slides.

It is made of walnut wood, padded with rubber, and lined with baize, is fitted with a carrying strap, and the front is hinged to render the slides more easily accessible.

Between the two piles of slides is a metal flask with a water-tight stopper, which on a cold night should be filled with boiling water to warm the slides, so that the damp shall not so readily condense on them when put into the hot lantern. (Fig. 8283) Price complete, 10s.

## MATERIALS FOR MAKING AND COLOURING SLIDES.

8284	Lantern Size Dry Plates	.. .. .	per packet of 1 doz.	£0	1	0
8285	Cover Glasses for ditto, specially selected	.. .. .	per doz.	0	0	6
8286	Box of Lantern Marks..	.. .. .	.. .. .	0	1	0
8287	Packet of Binding Paper	.. .. .	.. .. .	0	1	0
8288	Box of White Paper Spots, for marking slides	.. .. .	.. .. .	0	1	0
8289	Glass Painting, transparent colours and materials for painting lantern slides, 9 tubes of moist colours, spirit, spatula, medium, brushes, palette, &c., in mahogany case	.. .. .	.. .. .	0	15	0
8290	Glass Painting, transparent colours and materials as above, but with 12 tubes of moist colours, with knife, scraper, &c.	.. .. .	.. .. .	1	1	0
8291	Glass Painting, as above, larger size, with two palettes, water glasses, &c., in mahogany case with drawer	.. .. .	.. .. .	1	15	0
8292	Glass Painting, boxes of colours for the pocket, in tin box, 7s 6d. and	.. .. .	.. .. .	0	10	6



# SCIENCE LANTERNS.

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## LIST

OF

## PROJECTION APPARATUS,

## OPTICAL LANTERNS,

## MICROSCOPES AND POLARISCOPIES

FOR

## SCIENTIFIC DEMONSTRATION.

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MESSRS. NEWTON & Co. have supplied their Scientific Lanterns and Apparatus to The Royal Society; The Royal Institution of Great Britain; The Royal Dublin Society; The Royal College of Science, South Kensington; The Indian, Canadian, and Foreign Governments; Oxford, Cambridge, and most of the principal Universities, Colleges, and Scientific Institutions and Public Schools at home and abroad.

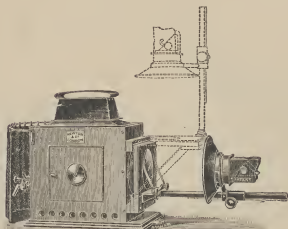


*For Ordinary Lanterns and Dissolving View Apparatus for Public and Private Exhibitions see pages 1 to 19.*

# THE "DEMONSTRATOR'S" OPTICAL LANTERN.

FOR LIME LIGHT OR ELECTRIC ARC.

(NEWTON'S PATENT.)



No. 8328.

This form of Science Lantern, which is, we believe, unequalled for simplicity of construction and practical efficiency, was originally designed at the suggestion of Prof. H. Jackson, of King's College, for scientific lecturers, who wish to use only one lantern, and who require to pass rapidly and easily from vertical to horizontal projection.

Any of our hand-feed arc lamps described on pages 31 and 32 can be used with this lantern, or a lime-light jet can be used as a substitute.

A large prism of the highest quality is so arranged that without being removed from its mount it can be placed in either of the two bearings, so as to work as a reflecting or an erecting prism as shown in Fig. 8328.

The space between condenser and front lens is left clear for projecting apparatus, &c.

The stage for holding slides, alum trough, &c., being keyed to the front plate, can be removed, or replaced in an instant with one hand, all screws being dispensed with.

The rack bar with front lens and prism can also be similarly removed or replaced with equal ease, leaving the condenser entirely open.

When projecting thermometers, capillary tubes, gold leaf electrosopes, &c., with an ordinary lantern, the effect is entirely spoiled by the inversion of the image on the screen, and the cost of an erecting prism often prevents its employment. This expense is saved in the "Demonstrator's" lantern, by employing the same prism to erect these objects that is used as a reflector for vertical projection, in which capacity it gives a far more perfect image than a mirror. This prism should be placed in the upper bearing in the position shown in Fig. 8328 when required for erecting, and in the lower bearing in the position shown in the dotted lines when used as a reflector for vertical work.

The objective supplied with this lantern is necessarily of the single achromatic type, as no other is practicable in combination with an erecting or reflecting prism. For lantern slide projection only this is of course not quite so good as a double achromatic lens, and therefore, if the lantern is to be used at times solely for the projection of slides, we recommend that an extra double achromatic lens be purchased, which can be screwed into the front ring in place of the lens and fitting.

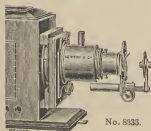
The lantern is so constructed that after the jet or arc lamp has once been centred for direct projection, it requires no further adjustment when the erecting prism is used, or when changed from horizontal to vertical position.

For vertical projections it is simply necessary to raise the front portion of the condenser, which is hinged at the top, and to slide a mirror into its place underneath. Then shift the prism into the lower bearings, as shown in Fig. 8328, and a clear brilliant disc of light, the full field of the  $4\frac{1}{2}$ -in. condenser, will be thrown on the screen. If a smoked glass be now laid on the condenser it can be readily written or drawn upon by a point, and the writing or diagram appears the right way up on the screen (while it is being done), very brilliantly shown in white on a black ground, without any secondary image being visible.



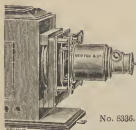
No. 8331

A secondary stage can be supplied if desired to hold a water trough, &c., behind the slide or other object in the ordinary spring stage, in order to protect this latter from the heat (Fig. 8331).



No. 8333.

If the lantern is required to carry a projection microscope, elbow polariscope, or other optical fitting requiring a tube front, this can be supplied to key-hole on the front plate in place of the brass stage (Fig. 8333).



No. 8336.

A brass lantern stage of the usual enclosed pattern, with a complete tube front, can also be supplied if it is required to convert the lantern at any time to an ordinary solid-front lantern, and it can be altered back again for science work when required in less than a minute (Fig. 8336).

- |   |   |       |          |
|---|---|-------|----------|
| 8328  | "Demonstrator's" Optical Lantern complete as described above, with $4\frac{1}{2}$ -in. condensers, achromatic front lens, rack and pinion bar for focussing, polished mahogany body, prism mounted for use as erector and reflector, curtain at back of lantern, &c., without jet (Fig. 8328) | .. .. | £10 10 0 |
| 8329  | "Demonstrator's" Optical Lantern, as above, but with stouter body, long base board, support for focussing rod, and removable front  | .. .. | 13 13 0  |
| The advantage of this form is that the entire front with condensers can also be removed, if desired, and replaced by a Wright's microscope or any other form of front requiring a special condenser system. |   |       |          |
| 8330  | Strong Cabinet Case for No. 8328, 21s.; for No. 8329  | .. .. | 1 5 0    |
| 8331  | Fitting for Water Trough to interpose between condenser and slide stage, in order to protect delicate objects from the heat (Fig. 8331)   | .. .. | 1 10 0   |
| 8332  | Water Trough for ditto  | .. .. | 0 7 6    |
| 8333  | Brass Adapter and extension tube to carry a micro attachment or elbow polariscope, or other optical fittings, see Fig. 8333   | .. .. | 1 2 6    |
| 8334  | Water Trough for above, for protecting sensitive slides from the heat   | .. .. | 0 10 6   |

- 8335 **Extra Condenser Lens**, to increase the angle of light utilised with a microscope attachment .. .. . £0 15 0

(This lens is not absolutely necessary when a micro attachment is used, but considerably increases the illumination.)

- 8336 **Brass Adapter**, as No. 8333, but including a lantern slide stage. This fitting converts the lantern to an ordinary solid front instrument for slide projection, needing only the addition of a double achromatic lens to render it perfect for this class of work (Fig. 8336).

- 8337 **Double Achromatic Lens** for above, in rack front, with collar adapter, £3 3s.; 6 in., £1 12s. 6d.; 8 in. or 10 in. .. .. . 1 15 6

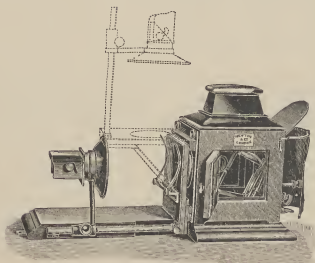
These lenses can also be screwed into the fitting on the rack bar of the lantern in place of the lens and prism if required, thus saving the expense of brass fitting No. 8336. The advantage of the latter is that it so perfectly excludes all light, and as for slide work only the open stage is not needed, this fitting is preferable.

## THE "DEMONSTRATOR'S" OPTICAL LANTERN.

(NEWTON'S PATENT.)

For Lime Light or Electric Arc Lamp.

(NEW PATTERN.)



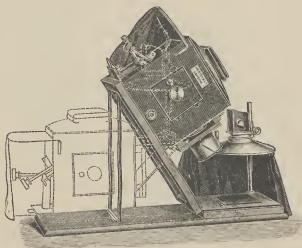
No. 8339.

This lantern is similar to our well-known "DEMONSTRATOR'S" LANTERNS, but is fitted with a 5-inch double condenser so as to enable larger apparatus to be used, and has a free base board, that is, the bar is sunk below the surface of the board.

- 8339 "DEMONSTRATOR'S" OPTICAL LANTERN, 5-inch double condenser, with support for red, and removable front, without arc lamp .. £15 15 0

# NEWTON'S PATENT DEMONSTRATOR'S "TRANSPAQUE" LANTERN.

For Electric Arc Light.



No. 8340.

In this new pattern are combined all the advantages of the previous patterns of our well-known "Demonstrator's" Science Lanterns, and in addition, the power of projecting opaque objects on the screen. Book illustrations, woodcuts, &c., if not larger than an ordinary postcard, can be shown direct, without making slides from them, in a perfectly satisfactory manner on the screen, and real objects such as an entire human brain, bones, &c., can also easily be exhibited.

When showing opaque objects it is necessary to cut out part of the resistance from the circuit, so as to use about 20 amperes of current, but for most of the other work with this lantern the resistance may be left in circuit and only about 10 amperes used.

Suitable resistances for this purpose, with switches complete, are described on page 33, Nos. 8174 and 8185.

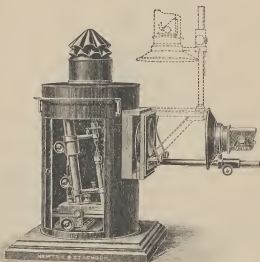
All the ordinary demonstrator's work can be done with the lantern, viz., the projection of slides, the projection of apparatus by aid of the erecting prism, the projection of horizontal troughs and apparatus, and writing and drawing on smoked glass while in the lantern instead of using a black board.

8340 "TRANSPAQUE" DEMONSTRATOR'S LANTERN, complete with prism and hand-feed arc lamp, also water trough and fitting to protect the opaque objects from the heat (Fig. 8340) .. .. . £24 0 0

All the adapters listed on pages 47 and 48 can be applied to either of these lanterns; No. 8340, however, includes adapter No. 8333, and also water trough No. 8334.

## CYLINDRICAL ELECTRIC LANTERN.

(NEWTON'S PATENT.)



No 8341.

## CYLINDRICAL "DEMONSTRATOR'S" LANTERN.

(NEWTON'S PATENT.)

This lantern is similar, optically, to the "Demonstrator's" lanterns on the foregoing pages, but is provided with a cylindrical body of bronzed brass and a rotating base board which is very convenient whenever it is required to turn the lantern at an angle from the screen, as for example in many refraction and reflection experiments.

The height to the centre of the condensers is far greater than usual and allows of a spectrum burner, Bunsen burner, or other apparatus being introduced if necessary.

The base for the lamp is provided with a horizontal traverse and is intended to take a special hand-feed arc lamp which we make for the purpose.

8341 Cylindrical Lantern, as above, complete with "Demonstrator's" front,  $4\frac{1}{2}$ -in. condensers, &c. (Fig. 8341) .. .. . £21 0 0

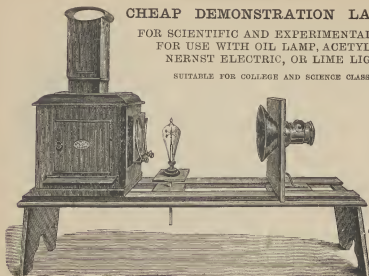
8341a Cylindrical Lantern, as above, but fitted with plain brass optical front instead of "Demonstrators" front, with  $4\frac{1}{2}$ -in. condensers and double achromatic front lens .. .. . 19 19 0

8343 Special Hand-feed Arc Lamp, designed for use with the above lantern .. .. . 6 16 0

**CHEAP DEMONSTRATION LANTERN.**

FOR SCIENTIFIC AND EXPERIMENTAL WORK.  
FOR USE WITH OIL LAMP, ACETYLENE,  
NERNST ELECTRIC, OR LIME LIGHT.

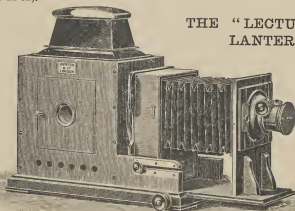
SUITABLE FOR COLLEGE AND SCIENCE CLASSES.



No. 8344.

8344 Patent Cheap Demonstration Lantern, specially designed for projecting chemical and physical experiments, and apparatus on the screen as well as diagrams and lantern slides, with adjusting table for apparatus, 4-in. condenser, and best 6-in. rack front lens, 4-wick "Newtonian" lamp, complete (Fig. 8344) .. .. . £6 10 0

If this lantern is required for use with acetylene light, lime light, &c., deduct the price of the "Newtonian" lamp (£1) and add on the price of the illuminant to be added (see pages 22-32).

**THE "LECTURER'S" LANTERN.**

No. 8345.

This form of lantern is convenient for exhibitors who usually only require to show slides, but may occasionally wish to project apparatus.

It is so made that the bellows can be removed without removing the slide stage, or the slide stage also may be taken away, leaving the condensers entirely open.

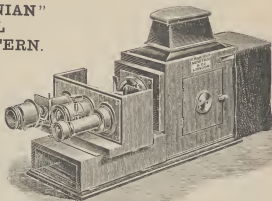
The front has a rack motion to the bellows as well as to the front lens, and this rack is made sufficiently long for long-focus front lenses to be used, if required.

8345 "Lecturer's" Lantern, with 4-in. condensers and 6-in. front lens .. £8 15 0

Acetylene, lime light, or arc light can be used with this lantern.

# THE "NEWTONIAN" UNIVERSAL SCIENCE LANTERN.

(IVES AND NEWTON'S  
PATENT.)



No. 8346.

8346 Newtonian "Universal" Science Lantern with lantern-slide front, microscopic attachment, and spectroscope front, and fitted to take instantly any of the instruments mentioned below without alteration.  
Fig. 8346 .. .. . £18 0 0

This lantern, Fig. 8346, has been devised with a view to producing an instrument which shall be extremely portable and which shall yet be capable of producing, with a minimum of trouble and rearrangement, most of the experiments required by lecturers on Light, Photography, Colour, and similar subjects.

The lantern is fitted with 3 fronts fixed to one brass plate. The change from one front to another is made by sliding the whole arrangement from stop to stop.

The first front is for showing ordinary slides and diagrams and comprises 4-in. condenser and best double achromatic front lens, exhibiting slides as well and clearly as any lantern we can make.

The second front is a microscopic attachment fitted with sub-stage condenser and low power objective. Any additional higher powers can be supplied, and polarizing prisms fitted if required.

The third front is for spectroscopic work and is fitted with slit, direct-vision prism, and achromatic focussing lens, which project a brilliant spectrum on the screen without the necessity of placing the lantern at an angle.

A comparison prism is also fitted, by which, at the same time, an image is projected on the screen of any medium of which the absorption spectrum is being shown.

These 3 fronts can be removed and a photochromoscope or a vertical attachment or an elbow polariscope or any other front substituted in five seconds.

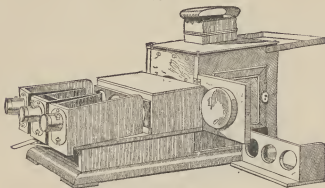
The condenser is mounted on a hinge and can be removed or put in position instantly. Either lime light or the electric arc can be used in this lantern. Every detail has been carefully arranged and the workmanship is of a very high class.

## *Additional apparatus arranged to work with the above lantern.*

8347 Photochromoscope for projecting Ives' 3-colour system of colour photography with 6 sets of slides as shown in Fig. 8353, page 53 .. ..	£12 12 0
8348 Photochromoscope Slides, 1 set of 3 pictures .. ..	0 5 0
<i>A considerable variety of these slides can be supplied.</i>	
8349 Vertical Attachment with lenses, prism, &c. .. ..	5 5 0
8350 Elbow Polariscope fitted to above lantern .. ..	8 8 0
8351 Polarising Prisms fitted to microscopic attachment .. ..	4 4 0
8352 Portable Cabinet Case to contain lantern and 3 fronts, capable of being carried in the hand .. ..	0 17 6



## THE "NEWTONIAN" UNIVERSAL SCIENCE LANTERN—Continued.



No. 8353.

Fig. 8346, page 52, shows this lantern fitted with 3 fronts as described. Fig. 8353 shows the same lantern when being used with the photochromoscope.

### LANTERN PHOTOCHROMOSCOPE.

FOR DEMONSTRATING THE PRINCIPLES OF THREE-COLOUR  
PHOTOGRAPHY ON THE SCREEN.

(IVES' PATENT.)

Requires only a single lime-light (mixed) jet to work it, or one electric arc lamp.

*One of the most beautiful and interesting scientific additions ever introduced for use with the Optical Lantern.*

This instrument projects plain photographic slides on the screen in all their natural colours. The method is that invented and patented by Mr. F. Ives, which consists in taking three negatives of any subject, each through a different coloured film, and projecting the three slides made from these negatives so as to form one image on the screen.

Each slide, when projected, has over it its own coloured film and forms on the screen a red, green, or violet-blue picture, but when by the movement of the lever the three pictures are made to coincide, a very beautiful and wonderful combination takes place, each portion of the picture selecting its own proportions of the three primary colours to form its own natural tint. The crude primary colours are entirely lost, and in their place we have a most exquisite series of delicate tints formed by the combination of the three primaries in various proportions.

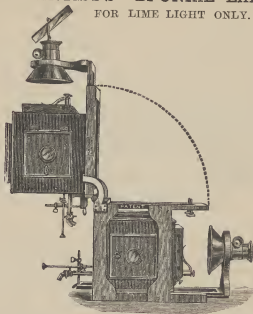
This is only made possible by the careful selection of colour films, the three colours supplied in the instrument, red, green, and violet-blue, when combined producing white light, and forming, when mixed together in varying proportions, all the colours of the spectrum.

If no photographs be put in the instrument we have three coloured discs on the screen, which by means of the lever can be made to overlap each other. It is then seen that the combination of red and green forms a bright yellow, while the green and violet-blue overlapping produce a sky blue. Moving the lever still further all three coincide to form a white disc on the screen. It makes a most admirable and interesting short exhibition for a conversazione, as well as an invaluable and striking experiment for Lectures on light or colour. It can be had on hire, if desired, for 31s. 6d.

8353	Lantern Photochromoscope, with six sets of pictures, to attach to any lantern, as shown attached to the "Newtonian" Universal Science Lantern in Fig. 8353 .. .. .	£12 12 0
8354	Lantern Photochromoscope, complete, with mahogany lantern, tray and top, including six sets of pictures .. .. .	16 0 0
Additional sets of pictures can be supplied at 5s. per set.		
8355	Large Multiple Back, to fit to any suitable camera, with red, blue, and green colour screens, and one double dark slide, making 3 pictures of ordinary lantern size and centred for photochromoscope .. .. .	4 10 0
8356	Extra Dark Slides .. .. . each	0 10 6

## THE "SCIENTIST'S" BI-UNIAL LANTERN.

FOR LIME LIGHT ONLY. (NEWTON'S PATENT.)



No. 8363.

- 8363 Scientist's Bi-Unial Lantern complete, as described below, with  
 $4\frac{1}{2}$ -in. condensers, best 6-in. rack fronts, polished teak frame, fitted with  
 mirror, &c., without jets. (Fig. 8363) .. .. £14 14 0
- 8364 Strong Cabinet Case for ditto, iron bound, for travelling, forming  
 stand for lantern .. .. 1 1 0

This lantern is specially designed for scientific lecturing purposes.

The lower lantern is so constructed that any pieces of apparatus, such as radiometers, electroscopes, &c., can be placed between the condenser and the front lens for projection on the screen; or the front lens and slide stage may be entirely removed and a powerful  $4\frac{1}{2}$ -in. parallel beam obtained.

The upper lantern is used at the same time as the lower, as a bi-unial dissolving view apparatus, or for projecting slides, &c., on the screen, in illustration of the experiments which are being conducted with the lower lantern.

If it is desired to exhibit objects which can only be placed horizontally, or to make sketches which shall appear on the screen while they are being drawn, the upper lantern can be tilted back without disarranging any of the apparatus, and by means of a mirror or prism the objects or sketches exhibited far more clearly than by the ordinary vertical attachment, and without any of the trouble which that method entails. When the sketch is made, the lantern is turned down to its normal position and is ready for ordinary exhibition without any re-adjustment.

Other arrangements for vertical projection are mentioned in this list, but none give such brilliant results as this method, only one reflector being employed.

Any apparatus made for use with erectors or vertical attachments will show far better with this lantern, as there is only one reflection instead of two, and the condensing lenses are not separated. If desired, an adjusting table (removable) can be fitted in front of the lower condenser to hold apparatus which it is required to project.

This lantern packs into its case without taking to pieces or even disconnecting the tubes, and is very light and portable.

The upper lantern, if desired, can be removed, and the two lanterns used as single optical lanterns, apart from each other.

The jets, &c., recommended for use with these lanterns are one each of Nos. 8102 and 8104, page 25; and dissolving tap, No. 8144, page 29.

*This Scientist's Bi-Unial Lantern has proved so satisfactory for scientific lecturing that it has been adopted by the Cambridge and the London University Extension Lecturers, and by many Colleges and Science Lecturers at home and abroad.*

## THE "SCIENTIST'S" OPTICAL LANTERN.

(NEWTON'S PATENT.)

This lantern was introduced in response to a desire expressed by some lecturers for a single lantern having as many as possible of the advantages of the "Scientist's" Bi-Unial, and is exactly like the top lantern of No. 8363. In this form the advantage of the tilting arrangement is preserved, and the front is removable for parallel beam work.

For travelling scientific lecturers for whom the cost of the "Scientist's" Bi-Unial is too great, this instrument is strongly recommended as most satisfactory for all-round work. The jet recommended for use with the above is No. 8102, page 25.

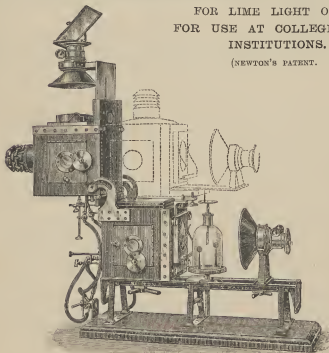
- 8365 The "Scientist's" Optical Lantern complete, with  $4\frac{1}{2}$ -in. condensers, best 6-in. rack front, polished teak frame, fitted with mirror, &c. .. £9 9 0
- 8366 Strong Cabinet Case for ditto, iron bound for travelling, forming stand for lantern .. .. . 0 13 6

## THE "SCIENTIST'S" BI-UNIAL LANTERN ON LATHE-BED BASE.

FOR LIME LIGHT ONLY.

FOR USE AT COLLEGES AND INSTITUTIONS.

(NEWTON'S PATENT.)



No. 8367.

- 8367 Scientist's Bi-Unial Lantern complete, with  $4\frac{1}{2}$ -in. condensers (Fig. 8367) .. .. . £60 0 0

This lantern was designed with the courteous assistance of Andrew Pringle, Esq., for use at the Royal Veterinary College.

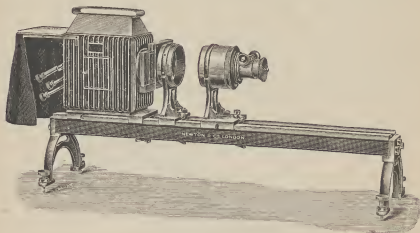
In principle it is similar to No. 8363, but is made entirely in teak with brass front and fittings, and is mounted on a lathe-bed base, which gives great freedom of movement, while ensuring accurate centring.

Wright & Newton's patent lantern microscope, No. 8386, page 58, can be used on the lower lantern if required.

An adjusting table is provided for the support of apparatus which it is desired to project.

This lantern is intended to be used in a fixed position. It is not very portable, and is unsuitable for carrying about to lectures in various places.

## THE "LABORATORY" LATHE-BED LANTERN.



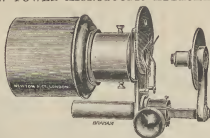
No. 8360.

This new lantern has been designed specially for scientific work in laboratories and lecture theatres. It consists of a ribbed aluminium body carrying a  $4\frac{1}{2}$  in. condenser, mounted on a solid accurately planed lathe-bed removable base 3 feet long on levelling screws. The focussing lens and slide carrier are carried on separate standards, and both they and the lantern will slide and clamp in any position on the "V and flat" iron bed. There is a clear space of about 14 in. between the optical centre and the table on which the lathe-bed stands, thus allowing ample room for physiological recording apparatus, &c., for which this form of base gives ample facilities. The whole instrument being constructed of metal is very rigid and free from vibration, and is not affected by the heat of the arc light. It is, of course, not very portable, though it can easily be carried from one room to another. As the fittings are all readily removable, the base can also be used as an optical bench for laboratory work, where accurate centring and motions, and easy interchange of apparatus are requisite. The flat surface being planed can be divided if desired to metric or English scale.

- 8360 The "Laboratory" Lathe-bed Lantern, as above, (Fig. 8360) .. £25 0 0  
 The best electric lamp for use with this lantern is No. 8162, page 32, price 5 5 0
- 8361 Lantern Microscope, on the "Lewis Wright" principle, fitted to above with centring motions to substage condensers and objectives .. 15 15 0
- 8362 Lathe-bed Base, as above, without optical lantern or fittings, but with feet and levelling screens .. .. . 8 8 0

We are also making a triangular optical bench (the "Universal") in connection with Cheshire's Projection Apparatus. See page 79.

## PROJECTION MICROSCOPES. LOW POWER MICROSCOPIC ATTACHMENT.



No. 8368.

This is a very simple and yet efficient instrument for the projection of microscope slides and objects. Unlike the more expensive Wright's microscope described in the pages following, it does not require a special condenser system, but screws on to the ordinary lantern nozzle in place of the ordinary objective. It can therefore be fitted to any lantern, and is easy to adjust and manipulate.

It is fitted with a large rotating diaphragm, forming an entirely open stage, which greatly facilitates the manipulation, and gives a clear sharp edge to the disc.

It is advisable to use a water trough, as the most delicately mounted balsam slides may then be used without fear of injury from the heat, and pond life can be shown to much greater advantage, the water being kept perfectly cool.

If desired, the image can, by means of a specially-made prism, be thrown down direct on to paper for drawing, &c.

Any good microscope objectives can be used with the instrument, which will show wood sections, scorpion flies, spiders, &c., 8 ft. in diameter; sheep tick, 5 ft. long, exceedingly sharp and clear; every hair on a flea, or other small insect, shows with perfect distinctness on the screen. Pond life is easily shown, hydra 6 ft. long, volvox globator, showing young inside, &c.

One double achromatic objective is supplied with the instrument, and additional achromatic objectives of different powers can also be had as below. With these powers the transverse striations of trachea of dytiscus, and the spiral formation of blow-fly's tongue can be shown.

The instrument is made entirely of polished brass and gun-metal, and is fitted and finished in the best quality of workmanship throughout. It can be seen at work by intending purchasers (by appointment) at 3, Fleet Street, E.C.

8368 Newton's Patent Microscopic Attachment with rotating diaphragm, adjusting sub-stage condenser, and special double achromatic objective, as described above (Fig. 8368) complete .. .. £4 14 6

8369 Microscopic Attachment. A somewhat simpler form of this instrument, but without adjustment to the condenser, has now been devised in order that similar results to the above may be obtained at less expense. With objective as above .. .. 3 10 0

**Achromatic Objectives**, constructed specially for microscopic projection, giving perfect brilliancy and definition up to the margin of the field.

8370 3 in. Achromatic objective in case 2 0 0 | 8379 8-10 in. Achrom. objective in case 2 7 6

8371 2 in. " " " 2 2 0 | 8380 6-10 in. " " " 1 10 0

8372 1½ in. " " " 2 5 0 | 8381 4-10 in. " " " 1 10 0

8373 Trough for use with the new microscopic attachment, to prevent heat injuring the slides .. .. 0 7 6

8374 Special Water Trough, designed for use with the "Demonstrator's" lantern .. .. 0 10 6

8375 Glass Troughs for pond life .. .. 1s. 6d. to 0 2 6

8376 Glass Tanks, with platinum electrodes for electrolytic crystallisations .. .. 0 15 0

8377 Reflecting Prism in revolving brass mount to fit the above, to throw the image direct down on the paper for drawing .. .. 0 17 6

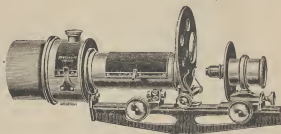
8378 Polished Case to contain instrument and alum trough, if required .. .. 0 7 6

8379 Objects for the Lantern Microscopes, prepared in Canada balsam, consisting of insects, wood sections, ferns, &c. (see List of Microscopic Objects, No. 1. Catalogue). Whole insects .. .. from 1s. to 0 2 0

*For Projection Microscopes of higher power, see next few pages.*

## MICROSCOPES FOR HIGH-POWER PROJECTION.

(Wright &amp; Newton's Patent.)



No. 8385.

These instruments are constructed from the designs, worked out by protracted experiment, of Mr. Lewis Wright, and with its screen demonstrations can be given even by the oxyhydrogen lime light, of a character hitherto quite unattainable. They may be fitted to any good optical lantern. Any microscopic slides may be shown and ample light is obtained with a good oxyhydrogen jet for the magnification of ordinarily transparent subjects to 1,250 diameters, which will display in a clear and beautiful manner all the parts of insects, the minute details of anatomical sections, vegetable tissue, &c. A flea may thus be shown upon the screen, 15 ft. long, as sharply and almost as brilliantly as a magic lantern slide; the proboscis of a blow-fly is easily displayed from 8 to 14 ft. long; and all the details of an insect's eye are shown in section clearly. The circulation of the blood is easily displayed in the veins of a living frog, and pond life is shown without any difficulty. Where transparency of ground is combined with opacity of detail, as in the scales of *Lepisma*, a magnification of 3,000 diameters is obtainable. With the electric light the magnifying power is almost unlimited, if the slide be sufficiently perfect to bear it. Geological sections are admirably shown either by ordinary or polarised light.

All fittings are standard sizes, so that ordinary microscopic objectives can be used. The best results are generally obtained from the special series of objectives mentioned below, which have been specially constructed or selected for use with this instrument, in order to pass a large amount of light, and produce a flat and clearly-defined image on the screen.

These instruments, unlike those described on the previous page, require a special lantern front, with 5-in. quadruple condensers, and hence are only intended for use with lanterns where the ordinary lantern front is entirely removable, as is the case with all our better lanterns.

- |      |  |          |
|------|--|----------|
| 8385 | Wright and Newton's Projection Microscope, can be fitted to an existing lantern front, using the ordinary lantern condensers in place of the special wide angle quadruple condensers we make for the purpose, but the sacrifice of light is considerable (Fig. 8385).  | £17 17 0 |
| 8386 | Wright and Newton's Projection Microscope, intended for oxyhydrogen light or arc lamp of moderate power, complete with 5-in. quadruple condensers, water trough and parallelising lens, revolving diaphragm stage, sub-stage condenser fitting with rack adjustment, coarse and fine adjustments for focussing, adapter with R.M.S. standard screw for objectives, one sub-stage condenser, but without objectives, in polished case | 23 0 0   |
|      | This instrument is most satisfactory and can be fitted to any good optical lantern, provided the existing brass front can be easily removed. It is intended for magnifications up to 2,000 diameters or so, but is not intended for use with immersion lenses.   |          |
| 8387 | Polarising Appliances can be fitted to the above microscope if required for exhibiting microscopic objects by polarised light, with rotating polarising prism sufficiently large to exhibit a clear field; $\frac{3}{4}$ -in. diameter, also with rotating analyser, &c.   | 12 12 0  |
| 8388 | Convergent System fitted to above, for showing high-angle crystals on the screen   | 4 4 0    |
| 8389 | Rotating Selenite Stage for above, with two large selenites  | 2 2 0    |

## APPARATUS FOR USE WITH THE PROJECTION MICROSCOPE.

**Objectives.**—For low-power work the series of objectives on page 57 will be found very suitable; of these lenses the official report in the Royal Microscopical Society's Journal says: "It was specially remarked that even with the higher powers the images were shown with perfect sharpness of definition."

For convenience we reprint the list of these objectives, with the addition of the higher-power lenses suitable for use with these powerful microscopes.

8390 Objective for large objects .. £1 1 0	8395 4-10ths achromatic objective £1 10 0
8391 3-in. achromatic objective .. 2 0 0	8396 1-5th .. .. . 2 2 0
8392 2-in. " " .. 2 2 0	8397 1-7th .. .. . 2 2 0
8393 1½-in. " " .. 2 5 0	8398 1-12th immersion (oil), in-
8393A 1-in. " " .. 2 5 0	tended for use with powerful
8394 8-10ths achromatic objective 2 7 6	electric arc lamps only .. 5 5 0

**Sub-Stage Condensers.**—These are absolutely necessary in the lantern microscope, according to the powers used.

8399 No. 1, sub-stage condenser in cell for low power, and 3-in. objectives ..	0 8 6
8400 No. 2, sub-stage condenser in cell, for powers from 2 in. to 4-10ths ..	0 8 6
8401 No. 3, sub-stage condenser in cell, for ½-in. and ¾-in. objectives ..	0 17 6
8402 No. 4, sub-stage achromatic condenser in cell, for ½-in. to ¾-in. dry objectives	1 7 6
8403 No. 5, same as No. 4, with extra front for immersion objectives ..	1 12 6
8404 No. 6, sub-stage double achromatic condenser, with Iris diaphragm and 3 extra fronts for immersion objectives of various angles (intended only for the microscopes on pages 61 and 62) ..	3 10 0

**Amplifiers.**—These are special concave lenses fitted to work in connection with the microscope objective, and possessing the unique advantage of increasing the magnification without reducing the field.

8405 Amplifier No. 0 in cell .. £0 9 0	8307 Amplifier No. 2 in cell .. £0 9 0
8406 " No. 1 " .. 0 9 0	8408 " No. 3 " .. 0 9 0
8409 Amplifier Jacket to take any of the above lenses .. .. .	0 2 6

**Projection Eye-pieces.**—These are also intended to increase the magnification, but at the expense of diminishing the field. Where very fine resolution is required, however, they are to be preferred to working either with the objective alone or in connection with an amplifier.

8412 Achromatic Eye-pieces with large field specially corrected for screen work. Nos. 1, 2, and 3 magnifying 1½, 3, and 5 diameters respectively .. .. . each	£1 17 6
8413 Body Tube for use with eye-pieces, long or short .. .. .	0 15 0
8414 Extra Carriers for Objectives (useful for rapid change of powers) ..	0 3 6
8415 Double Nose-piece, for rapidly changing powers .. .. .	0 10 6
8416 Ditto, Triple .. .. .	0 18 6
8417 Small Square-ended Analyser, for use with eye-pieces for polariscope work .. .. .	2 5 0
8418 Spot Lens for use with 4-10ths objective, in cell, for showing foraminifera or other objects on a dark ground .. .. .	0 17 6
8419 Lieberkuhn for opaque objects .. .. .	1 1 0
8420 Live Cage, large size, specially made with flush foundation plate for exhibiting live insects, animalculæ in water, &c. .. .. .	0 12 0
8421 Glass Troughs for pond life, &c. .. .. . 1s. 6d. to	0 3 6
8422 Frog Plate for showing circulation of blood in living frog, special pattern for use with Lantern Microscope .. .. .	0 17 6
8423 Glass Tank, with platinum electrodes, for electrolytic crystallisation .. .. .	0 15 0



No. 8423.

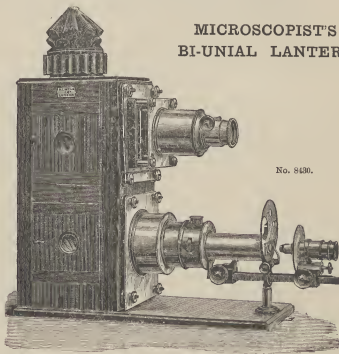
Microscopic objects for use with projection microscopes. A large number of botanical, pathological, and entomological Slides, specially selected for projection, always in stock.

## COMPLETE LANTERNS FITTED WITH PROJECTION MICROSCOPES.

- 8424 Complete Optical Lantern Microscope, for lime light, with mahogany body, best quality double pressure oxyhydrogen jet, projection microscope No. 8386, &c., complete in two cabinet cases, as supplied to Cambridge and other universities .. .. . £27 0 0

This is intended for microscopic projection *only*; if it is required also for use on an optical lantern, an additional brass front will be required.

- 8425 Brass Optical Front for the above purposes for exhibiting diagrams and lantern slides on the screen, with best 4-in. double condenser and Newton's new lime-light achromatic front lens with rack adjustment .. 5 10 0



No. 8430.

- 8430 The Microscopist's Bi-unial Lantern. This lantern has been specially designed for use with the projecting microscope, designed by Lewis Wright, Esq. The lower lantern has a brass front, and 5-in. quadruple condenser, to which the microscope is attached. When this is being used, the top lantern, which is fitted with an ordinary optical lantern front, can be used for showing photo-micrographs, or drawings of microscopic objects. Removing the microscope, a 5-in. parallel beam is procurable, for physical and other experiments, while the upper lantern may be used for showing diagrams, &c. There is also a second optical lantern front supplied with the instrument, which is intended to replace the 5-in. front on the bottom lantern, when required for showing dissolving views. The lantern body is of polished mahogany, and the entire fronts are solid brass and of best workmanship (Fig. 8430). Complete, with microscope No. 8386, pair of optical fronts, dissolving tap, and two double-pressure oxyhydrogen jets (No. 8102), packed in 2 cases .. .. . £41 0 0



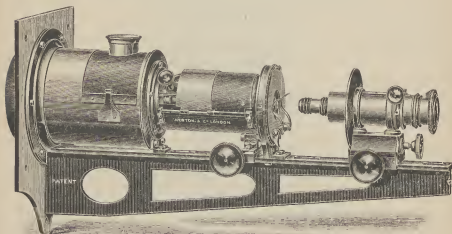
## WRIGHT & NEWTON'S PROJECTION MICROSCOPE AND MICRO-POLARISCOPE.

FOR USE WITH POWERFUL ARC LAMPS AND  
HIGH-POWER OBJECTIVES.

These instruments are similar to the foregoing, but are larger and provided with more elaborate adjustments for very high powers. They are the most satisfactory instruments for screen projection with both high and low powers yet devised. The water trough is 3 in. wide, so as to afford ample protection to even the most delicate slides from the heat; the sub-stage condenser is provided with centring adjustments, and the fine focussing adjustment is extremely sensitive and rigid.

With this microscope histological and pathological objects are most admirably shown, and even such objects as bacteria can be most successfully exhibited for class demonstration, using  $\frac{1}{12}$ -in. or  $\frac{1}{16}$ -in. immersion objective, and a projection eye-piece.

Accessories for these instruments will be found on page 59.



No. 8431.

(WRIGHT AND NEWTON'S PATENT.)

- 8431 Patent Electric Lantern Microscope and Micro-Polariscope, fitted with quadruple 5-in. primary condensers, large alum cell, rotating divided stage, removable diaphragms, coarse and fine focussing adjustments, rotating polarising prism, arranged to throw in and out of gear instantly, and analysing prism in rotating divided mount, double convergent system for exhibiting rings and brushes in wide-angle crystals, &c. For use on any suitable electric lantern. *As made for the Royal Society, the Royal Institution, the Royal Dublin Society, the Royal College of Science, Cambridge, Glasgow, Dublin, and various foreign Universities, University College, Liverpool, &c.* .. .. . £70 0 0

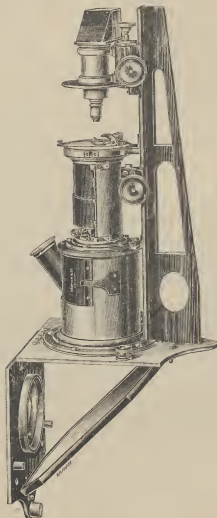
This Instrument is included in the prices charged for the Electric Lanterns, Nos. 8434 and 8437, pages 68 and 67.

- 8432 Patent Electric Lantern Microscope, similar to above, but cheaper pattern, and without polarising appliances .. .. . 35 0 0

# ELECTRIC LANTERN MICROSCOPE AND MICRO-POLARISCOPE.

(WRIGHT & NEWTON'S PATENT.)

FOR  
HORIZONTAL  
AND  
VERTICAL  
PROJECTION.



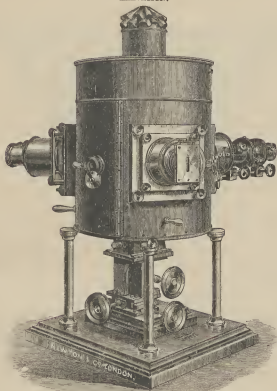
No. 8433.

8433 Patent Electric Lantern Microscope and Micro-Polariscope, as No. 8431, but arranged for vertical projection. This instrument can be used just like No. 8431, and can also be turned up vertically so that objects which have to be kept horizontal, such as fresh cut histological or pathological specimens, or tanks containing minute living organisms, can be projected on the screen. It is fitted with a specially designed form of reflecting prism which makes it unnecessary to move the lantern at all when changing from the vertical to the horizontal position (Fig. 8433) £80 0 0

## NEWTON'S PATENT TRIPLE ROTATING ELECTRIC LANTERN.

As now in use at The Royal Society, The Royal Institution of Great Britain, and  
The Royal Dublin Society, &c.

ELEVATION.



No. 8434.

NEWTON'S PATENT TRIPLE ROTATING ELECTRIC LANTERN FOR UNIVERSITIES AND SCIENTIFIC INSTITUTIONS.

This is the most perfect electric lantern made, being of the very highest class of workmanship throughout, and specially designed for every sort of optical work.

The body is cylindrical, and constructed entirely of bronzed brass, mounted on 4 brass pillars and mahogany stand.

The base is fitted with Newton's patent traversing table, which has screw motions travelling in gun-metal dovetails, &c., thus admitting of the arc light being centred and kept absolutely central during use.

The traversing table is made entirely of polished gun-metal and steel, and very steady motions in every direction are obtained by the large milled heads.

The lantern is kept in its position, and the body of the lantern is rotated by means of the handles bringing each front in turn opposite the fixed light, thus obviating the necessity of constant adjustments and enabling any front to be used at a moment's notice without delay or trouble. A check action is provided to insure exact centring.

The lantern body is furnished with 3 doors and sight holes, so that whichever optical system may be in use, there is always a door immediately behind the lamp, and a dark-glass sight hole in front, through which the arc may be observed.

A sectional plan of this instrument is given on the next page.

8434 Triple Rotating Lantern, as above, complete, with optical front (No.

8446), slit and diaphragm front (No. 8453), and projection microscope

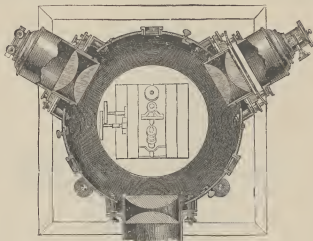
(No. 8481), but without arc lamp

£115 0 0

For Arc Lamps for these lanterns, see page 68.

## NEWTON'S PATENT TRIPLE ROTATING ELECTRIC LANTERN.

SECTIONAL PLAN



MICRO. FRONT  
No. 8431A.

The above plan shows the general arrangement of the Triple Rotating Lantern shown in elevation on page 63, Fig. 8434.

There are three fronts, each carrying an optical system, placed at angles of 120 degrees to each other, and the rotating movement brings up each as desired in front of the fixed light.

One of these fronts is fitted with a  $4\frac{1}{2}$ -in. double condenser for parallel beam work, and with diaphragm and slit fronts.

A second front carries also a  $4\frac{1}{2}$ -in. condenser with slide stage and double achromatic objective for exhibiting ordinary slides and diagrams, or if preferred the suspended front shown in Fig. 8436, page 66, can be supplied instead for 42s. extra.

Either of these fronts will carry, if desired, a polariscope, a Wright's optical front, No. 8494, page 71, a small parallel-beam nozzle, No. 8522, page 72, or a vertical attachment, No. 8450, page 68.

The third front is fitted with Wright and Newton's patent electric microscope and micro-polariscope mentioned on page 61, No. 8431.

All the fronts are detachable and interchangeable, and any other apparatus that is desired can be used in place of them.

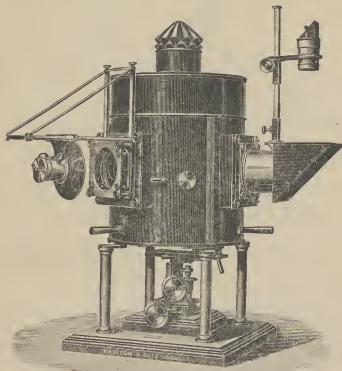
*This form of lantern has already been supplied to The Royal Society, The Royal Institution, The Royal Dublin Society, The Santa Clara College, California, St. Louis University, The McGill University, Montreal, The Government School of Practical Science, Toronto, The Leland Stanford, Juwr., University, Cambridge University, Edinburgh University, Glasgow University, Trinity College, Dublin, Queen's College, Galway, The Royal Infirmary, Glasgow, The Government Electrical Engineering College, Chatham, The Indian Government, The University of Havana, Manchester Municipal School of Technology, The Education Department, Toronto, Canada, Sir David Salomons, Bart., Sir Andrew Noble, C.B., Lord Armstrong, &c.*

Of this Lantern Mr. Lewis Wright, in his "Optical Projection," says: "This form of Lantern is the most complete, convenient, and powerful instrument for scientific demonstration with which I am acquainted."

Mr. T. C. Hepworth, the author of the "Book of the Lantern," says: "This lantern presents the most complete and perfect projection apparatus ever devised, and is designed principally for use in Science Schools and Colleges. One feels inclined to envy the teacher who has this cylindrical lantern at his elbow with which to illustrate his remarks."

NOTE.—The lantern can if necessary be used with the lime light.

## NEWTON'S PATENT TRIPLE ROTATING ELECTRIC LANTERN.



No. 8435.

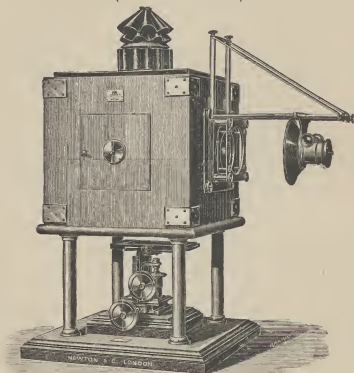
The above illustration shows the Bronzed-Brass-bodied Lantern described on pages 63 and 64 fitted with a suspended front, with  $4\frac{1}{2}$ -inch condenser, and 6-inch rack front in place of the ordinary optical front, and a vertical attachment in place of the microscope front. The third front is fitted with  $4\frac{1}{2}$ -inch condenser, adjusting slit and diaphragm for parallel beam work.

This arrangement is recommended for those who require the most complete apparatus possible for scientific projection, but do not need to project microscopic objects.

This form of suspended front was designed by Sir David Salomons, Bart., for whom the first one was made. The advantages of this arrangement are that apparatus can be conveniently placed between the condenser and the focussing lens, while the latter can be readily adjusted to the required distance, and that the lens and suspension rails can be removed in an instant, leaving the  $4\frac{1}{2}$ -inch condenser free for parallel beam work, with a stage in front of it to carry an alum trough if desired.

8435 Triple Rotating Electric Lantern, complete with suspended front for apparatus and slides, vertical attachment No. 8450, slit and diaphragm front, and traversing table but without electric lamp, Fig. 8435 .. .. £67 0 0

## SQUARE PATTERN ELECTRIC LANTERN. (NEWTON'S PATENT.)



No. 8436.

This lantern is constructed for very much the same work as the triple rotating lanterns described on the previous pages, but is not made to rotate and is only fitted with one aperture, so that only one optical front can be mounted at a time. Fronts for other purposes, such as for vertical or microscopic projection, can, however, be made to interchange as required.

The lantern consists of a square body of polished mahogany lined with iron on 4 brass pillars and solid base. It is fitted with the same gun-metal traversing table as the triple rotating lantern, giving free movement in every direction. The body is made very solid and of well-seasoned wood, and is strongly brass-bound to bear the great heat and the weight of any heavy apparatus it may be necessary to attach to the front.

The lantern (as illustrated above) is fitted with a  $4\frac{1}{2}$ " condenser and suspended front carrying the rack focussing lens, so that apparatus or slides can be readily exhibited, or the focussing lens and suspension rails can be instantly removed, and the condenser left free for parallel beam work with a stage in front to carry an alum trough if desired. This form of front admits of apparatus being readily placed between the condenser and front lens for projection on the screen.

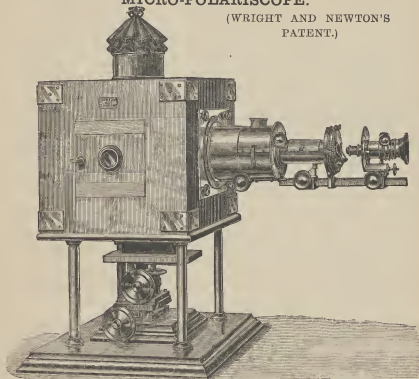
8436 Square pattern Electric Lantern, complete with suspended front,  
and traversing table but without electric lamp (Fig. 8436) ..

£32 10 0

*These square pattern electric lanterns have been supplied to Cambridge University; University College, London; University College, Liverpool; Leiden University; The Durham College of Science; Nörrköping Technical School; The Goldsmiths' Company's Institute; The Chemical Society; The University of Ghent; The Schools of Science and Art, Maidstone, The Harpur Trust, Bedford; The University of Adelaide, South Australia, &c.*

# ELECTRIC PROJECTING MICROSCOPE AND MICRO-POLARISCOPE.

(WRIGHT AND NEWTON'S  
PATENT.)



No. 8437.

**Patent Electric Lantern Microscope and Micro-Polariscope**, consisting of square polished mahogany or teak body, on brass pillars and solid base, lined with iron. Wright and Newton's patent electric microscope, fitted with quadruple 5-in. primary condensers, large alum cell, rotating divided stage, removable diaphragms, coarse and fine focussing adjustments, rotating polarising prism, arranged to throw in and out of gear instantly, analysing prism in rotating divided mount, double convergent system for exhibiting rings and brushes in wide-angle crystals, and long body tube for projection with eye-pieces.

This is the same lantern as the preceding, but is fitted with the projection microscope instead of the suspended front.

- 8437 **Square Pattern Electric Lantern**, as above, complete with traversing table, projecting microscope and micro-polariscope, as No. 8431, but without electric lamp .. .. £95 0 0
- 8438 **Brass Optical Front** fitted to the above lantern for showing lantern slides and diagrams, &c., with  $4\frac{1}{2}$ -in. condenser and 6-in. rack-front lens, as supplied to the South Kensington Royal College of Science .. .. 6 16 6

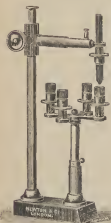
For Brass-Bodied Electric Lanterns, see pages 63-65.

## TRAVERSING TABLE.

- 8438a **Newton's Patent Traversing Table** for centring the arc light and keeping it centred. This apparatus, which is shown fixed to the lantern base in Figs. 8434, 8435, 8436, and 8437, pages 63 to 67, supports the arc lamp and enables the operator to centre the light instantly if at all out of the optic axis. The motions are in gun-metal dovetails, and are very steady and rigid. This table can be fitted to any electric lantern .. .. 10 10 0



No. 8440.



No. 8442.

## ARC LAMPS FOR THE LARGE ELECTRIC LANTERNS.

We can fit these large electric lanterns with either hand or automatic feed arc lamps, as required.

8439 Special Hand-feed Arc Lamp for the large electric lanterns; this lamp can also be arranged for projecting spectra on the screen .. £6 6 0

The "Oliver" Automatic Arc Lamp.—This lamp is also specially designed for our large lanterns. It is extremely steady in its action and can be relied on to a far greater extent than is the case with automatic arc lamps for small lanterns, in which the movements are necessarily somewhat cramped.

8440 The "Oliver" Automatic Arc Lamp, as above, constructed to carry 10-15 amperes (Fig. 8440) .. .. £12 12 0

8441 Special Carbons for ditto .. .. per pair 0 0 6

8442 Electric Spectrum Burner to fit traversing table of the electric lanterns Nos. 8434 to 8437, with rotating holder to carry 4 carbons so as to project spectra of 4 different metals, without waiting for the carbon holders to cool. Fig. 8442 .. .. 5 5 0

8443 Carbons for No. 8442, various forms for sodium line reversals and spectra of lithium and other refractory metals, ls. 6d. each, per doz. 0 15 0

For Arc Lamps for small lanterns, see pages 31 & 32.

8444 Limelight Spectrum Burner with carbon cone for use in the lantern, for showing line spectra with salts of various metals .. 3 10 0

8445 Carbon Cones for the above for using the different salts .. .. per doz. 0 12 0

## OPTICAL FRONTS FOR LARGE ELECTRIC LANTERNS.

For convenience of purchasers we append a list of the principal optical fronts, &c., catalogued on the preceding pages in connection with our large electric lanterns, and also extra fronts which can be added at any time. In purchasing these lanterns any of these fronts can be substituted, or left out altogether, at the corresponding difference in price.

8446 Brass Optical Front for ordinary slide projection, fitted with  $4\frac{1}{2}$ -in. condensers, 6-in. double achromatic front lens in rack mount, &c. .. £2 16 6

8447 If this front is required fitted with an 8-in. or 10-in. front lens, the cost will be increased by .. .. 0 10 6

8448 Suspended Front, as figured on lantern Fig. 8436, fitted with  $4\frac{1}{2}$ -in. condensers and double achromatic front lens of 6-in., 8-in., or 10-in. focus .. 8 8 0

This front is specially designed for use when scientific demonstration as well as lantern-slide projection is required.

8450 Vertical Attachment for electric lanterns for exhibiting objects that must be kept horizontal, or for showing diagrams on the screen while they are being drawn, shown on lantern Fig. 8436, with 5-in. condenser, focussing lens and reflecting prism, made entirely in brass, complete, as supplied to the Royal Institution .. .. 15 0 0

NOTE.—The lantern condensers are not required when this instrument is used.

8451 Circular Glass Tanks,  $4\frac{1}{2}$ -in. in diameter, on square glass plate, solid. For use on the vertical attachment .. .. 0 5 6

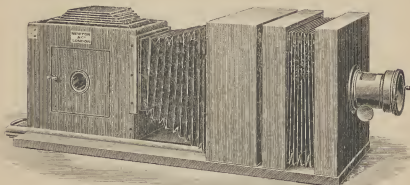
8452 Electric Spectrum Front to fit any of the electric lanterns, with platinum slit and achromatic focussing lens in rack mount, arranged so that the slit works close against the arc, as used at the Royal Institution .. 5 15 6

NOTE.—With this arrangement nothing is required except to place the bisulphide prism in front of the lens.

8453 Slit and Diaphragm Front, to work in connection with bisulphide prisms, diffraction gratings, &c., with  $4\frac{1}{2}$ -in. condensers, complete .. 6 16 6



## PHOTOGRAPHIC ENLARGING LANTERNS.

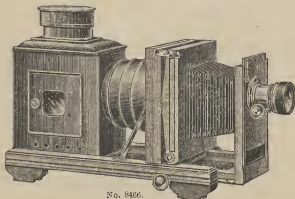


No. 8460.

**Enlarging Lantern.**—Body of mahogany, metal lined, with extending bellows front, mounted on stout mahogany board, and fitted with best quality double plano-convex condensing lenses, for use with oil, lime light, or electric. This form is most suitable for the large condensers. (Fig. 8460). *As supplied to the Polytechnic School of Photography, &c.*

Prices without front lenses

8460 8-in. diameter .. ..	£11 0 0	8462 12-in. diameter .. ..	£21 10 0
8461 9-in. „ .. ..	12 0 0	8463 15-in. „ .. ..	35 0 0



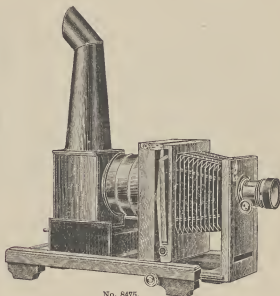
No. 8466.

**Enlarging Lantern.**—The body of the lantern is metal, with a metal cone covering up the condenser to keep all the light in; it has also a metal thrust swing-holder for the negative carrier, leather bellows, and sliding front to the plate that carries the front lens; the whole mounted on a mahogany board with a rack movement for focussing, complete with condenser and rack-front lens (Fig. 8466):—

8466 To take $\frac{1}{4}$ -plate negative with $5\frac{1}{2}$ -in. condenser and portrait lens .. ..	£4 0 0
8467 „ postcard „ $6\frac{1}{2}$ -in. „ „ .. ..	5 0 0
8468 „ $\frac{1}{4}$ -plate „ $8\frac{1}{2}$ -in. condenser, &c. .. ..	7 0 0

The above lantern can be used with lime or electric light.

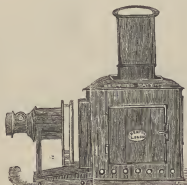
## PHOTOGRAPHIC ENLARGING LANTERNS.



No. 8475.

Enlarging Lantern, as Fig 8475, fitted with oil lamp or incandescent gas:—

8475	To take $\frac{1}{2}$ -plate negative,	condenser $5\frac{1}{2}$ in.	..	..	..	..	£4 0 0
8476	„ 5 × 4	„ 6 $\frac{1}{2}$ in.	..	..	..	..	5 0 0
8477	„ $\frac{1}{2}$ -plate	„ 8 $\frac{1}{2}$ in.	..	..	..	..	7 0 0



No. 8478.

This lantern can also be used as an ordinary lantern for projection.

8478	Newton's Patent Improved Enlarging Lantern, with best quality double condensing lenses, double combination front lenses of large diameter fitted with ruby cap and specially flat field, fitted with "Newtonian" patent 4-wick lamp (No. 8075) for burning any mineral oil (Fig. 8478). Complete in case, as above, 4-in. condenser..	..	..	£4 18 6
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## ABRIDGED LIST.

## APPARATUS FOR PHYSICAL DEMONSTRATION ON THE SCREEN.

We make a great quantity of apparatus for screen demonstration, full details of which will be found in the optical section of our Catalogue of Physical Apparatus (Cat. No. 2). It would be impossible in these pages to attempt anything like a complete list or full description of such apparatus, and intending purchasers are invited to apply for the No. 2 list, which will be sent post free on request. It may, however, be of interest here to append a very abridged list of instruments most commonly inquired for, although the greater number even of these will be found more fully described in the physical list.

*The best and most comprehensive work on Science teaching and demonstration with the lantern is*

8480 "Optical Projection, a treatise on the use of the lantern in exhibition and Scientific Demonstration," by Lewis Wright; *fourth edition*, revised by Russell S. Wright; published by Longmans at 6s. Nett 4s. 6d. Post free £0 4 10

This contains separate chapters on the use of the lantern in connection with Physics, Sound, Heat, Chemistry, Magnetism, Electricity, Physiology, Spectra, Interference Polarization, Colour, Microscopy, &c., &c.

## DIFFRACTION GRATINGS FOR PROJECTION.

The Gratings mentioned below ruled on glass are intended for demonstration purposes. They are not sufficiently accurate for measurements. For this purpose a photographic grating such as No. 8486 should be used.

8481 Circular Diffraction Gratings ruled on glass with diamond point,  $2\frac{3}{4}$  in. in diameter, suitable for projection, showing most brilliant circular spectra on the screen. 1240 or 1372 lines to the inch .. .. £0 15 0

8482 Circular Diffraction Gratings. 5488 or 7400 ditto .. .. 1 1 0

*The circular grating with 5488 lines is recommended as best for projection.*

8483 Straight-Line Diffraction Gratings ruled on glass with diamond point, suitable for projection, showing most brilliant spectra on the screen, 3000 lines to the inch .. .. 1 1 0

8484 Circular Diffraction Gratings, small size, for hand use, ruled on glass with diamond points. 2000 lines to the inch, with *descriptive pamphlet* .. 0 2 6

8485 Circular Diffraction Gratings, as above. 7400 lines to the inch, with *descriptive pamphlet* .. .. 0 5 0

8486 Photographic Diffraction Gratings, straight line. This is a photographic copy of a Rowland's Grating, 14,435 lines to the inch .. 1 1 0

8487 Photographic Diffraction Gratings, straight line. Small size, by Prof. R. W. Wood .. .. 0 7 6

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

8488 Brass Diaphragm Front, adjusting tube and rotating diaphragm .. £0 13 0

8489 Brass Slit Front with adjusting tube and adjusting slit .. .. 0 15 0

8490 Brass Slit Front, for lantern, with fine screw adjustments for regulating length and width of slit .. .. 2 2 0

8491 Bottle Prism, for bisulphide of carbon, on adjusting stand .. .. 0 18 6

8492 Focussing Lens, 4 in. diameter, on adjusting stand .. .. 0 17 6

8493 Plate of Chance's Signal Green Glass for stopping red rays,  $3\frac{1}{4}$  in. square .. .. 0 0 4

8494 Wright's Optical Front, fitted to any lantern .. .. 2 10 0

8495 Brass Adjusting Slit, for use with No. 8494 .. .. 0 15 0

8496 Brass Adjusting Slit, for use with No. 8494, with fine screw adjustments for regulating length and width of slit .. .. 1 17 6

8497 Brass Diaphragm Plate, for use with No. 8494 .. .. 0 5 0

8498 Metal Screen on Stand, black one side, white the other, for receiving images or stopping off light .. .. 0 10 6

8499 Ground Glass Screen, for receiving images, on adjusting stand .. 0 10 6

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

*Continued.*

8504	Rotating Stand, with adjusting platform, to support lantern and experimental apparatus .. .. .	£1 5 0
8505	Wright's Refraction Trough, for experiments in refraction and total reflection .. .. .	1 1 0
8506	Air Lenses of Hollow Glass, to show that when plunged in a tank of water a concave air lens acts like a convex glass lens does in air, and a convex air lens acts like a concave glass lens does in air. 3 in. diameter convex and concave .. .. . each	0 10 6
8507	Semi-Cylindrical Hollow Trough, for filling with various liquids, for experiments in refraction, 3 in. diameter .. .. .	1 1 0
8508	Semi-Cylinder of Solid Glass, for use as above, 4 in. diameter ..	3 3 0
8509	Luminous Cascade with 6 feet of large india-rubber tube for illustrating total reflection .. .. .	0 17 6
8510	Glass Bulb for showing rainbow experiment with the lantern ..	0 0 6
8511	Bunsen's Universal Clamp .. .. .	0 7 6
8512	Adjusting Table Stand on foot .. .. .	0 8 6
8513	Universal Rod Stand, with adjusting fittings for holding prisms, mirrors, lenses, &c., vertically and horizontally .. .. .	0 10 0
8514	Dense Flint Prism, face 2 in. by 1 in., mounted to fit rod stands ..	0 12 6
8515	Interference Prism, large size, mounted with screen to fit rod stands ..	0 17 6
8516	Plane Mirror, 5 in. by 4 in., mounted to fit rod stands .. .. .	0 6 6
8517	Focussing Lens, 4 in., mounted with metal screen to fit rod stands ..	0 12 6
8518	Focussing Lens, 5 in., mounted with metal screen to fit rod stands ..	1 1 0
8519	Convex Mirror, 6 in. (common), fitted to rod stand .. .. .	0 5 6
8520	Concave Mirror, 6 in. (common), fitted to rod stand .. .. .	0 5 6
8521	Parallel-Beam Nozzle for giving a powerful parallel beam about 2 in. in diameter, with adjusting tube .. .. .	2 2 0
8522	Parallel-Beam Nozzle for giving a powerful pencil of parallel light about half an inch in diameter .. .. .	1 17 6
8523	Direct Double Reflecting Projector, for use with any lime-light lantern, for showing horizontal opaque experiments on the screen by reflected light, fitted with adjustable focussing lens .. .. .	3 10 0
8524	Lantern Phonidoscope for showing the vibrations produced by sound waves in a soap film, for use with projector (No. 8523) .. ..	

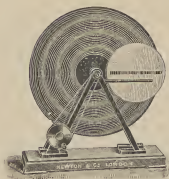
*The images thrown by this and by Nos. 8562, 8563, and 8564 are projected in a line with the lantern, so that the lantern is not required to be at an angle with the screen.*



No. 8528.

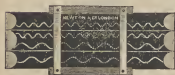
8525	Newton's Colour Disc, with multiplying wheel, arranged for showing composition of white light with the lantern .. .. .	2 10 0
8526	Oscillating Reflector fitted to same multiplying wheel for re-composing the spectrum into white light on the screen .. .. .	
8527	Cylindrical Lens, in brass mount, with screen, for re-composing spectrum, fitted for rod stand .. .. .	1 10 0
8528	White Light Slide for showing the composition of white light on the screen (Fig. 8528) .. .. .	0 12 6
8529	Set of Mirrors, for re-composing the spectrum into white light on the screen, fitted on brass stand, with universal joint to each mirror ..	2 0 0

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

*Continued.*

No. 8533.

- 8532 Opeidoscope. For showing on the screen the figures formed by the vibration of thin membranes set in motion by the human voice or other sounds, made to fit the rod stands, with 3 extra membranes .. .. £1 5 0
- 8533 Crova's Disc mounted for use with the lantern, 13-in. diam., with  $4\frac{1}{2}$ -in. slit, for showing progression of waves of light and sound. Very effective. The circles are photographed so as to be perfectly transparent on an intensely black ground, and are very accurate, Messrs. Newton & Co. having constructed a special machine for ruling the original (Fig. 8533) .. .. 1 7 6



No. 8534.



No. 8535.

- 8534 Wright's Wave Slide for showing the motion of light and sound waves and retardation of wave vibrations on the screen (Fig. 8534) .. £0 15 0
- 8535 Dorman's Sound Wave Slide for showing the motions of particles in a sound wave; 4 lines of wave motion are shown travelling outwards at right angles to each other as from a bell (Fig. 8535) .. .. 0 8 6

*Messrs. Newton & Co. have the sole right of making the above.*

No. 8538.

- 8536 Wheel of Life Slide showing figures, animals, &c., in motion on a screen, illustrating persistence of vision, with adjustment and jockey wheel for keeping bands taut .. .. 0 12 6
- 8537 Extra designs for the above .. .. each .. 0 1 6
- 8538 Benham's Top Slide (Fig. 8538) .. .. 0 10 6

This slide has been designed to show on the screen the curious colour effects described by Mr. Benham, of Colchester. Black lines on a white disc when rotated appear red, yellow, green and blue, according to their relative positions, though each one is the same proportion of its own circle, *i.e.*, one-eighth. On reversing the rotation the colours are all reversed. This should be shown by lime or electric light on a small disc, it is then very effective.

*Messrs. Newton & Co. have the sole right of making the above.*

- 8539 Lantern Pentagraph Slide for writing or drawing figures on a black ground while in the Lantern .. .. 0 15 0

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

Continued.



No. 8543.



No. 8544.

- 8543 Cheshire's Sound Wave Disc Slide (Fig. 8543) .. .. . £0 18 6

This slide, invented by Mr. Frederic J. Cheshire, of the Birkbeck Institution, London, and described in *Nature* for 1892, shows the mode of vibration of the particles in stationary wave systems such as those occurring in organ pipes, rods vibrating longitudinally, &c. By using different lengths of the slit the way in which the vibrating column divides up into nodes and loops when the different overtones are being produced is illustrated. The vibrations in a closed organ pipe, in an open organ pipe, the first overtone in closed and open pipes, the vibration of a rod clamped at one end, at both ends, and in the middle can all be readily shown.

- 8544 Woodward's Interference Wave Slide, showing two wave surfaces upon the screen; when in the same phase they reinforce, and when in opposite phase they destroy one another (Fig. 8544) .. .. . 1 1 0



No. 8545.



No. 8546.

- 8545 Eidotrope. Two rackwork revolving perforated metal discs, giving a great variety of patterns (Fig. 8545) .. .. . 0 8 6
- 8546 Kaleidotrope of perforated metal, giving various designs, dependent on persistence of vision, when revolved (Fig. 8546) .. .. . 0 5 0
- 8547 Ditto with extra metal disc .. .. . 0 6 0



No. 8548.



No. 8550.

- 8548 Anorthoscope Slide (Fig. 8548) .. .. . 1 7 6

This slide exhibits on the screen the same effect as the table anorthoscope, five symmetrical images produced from one distorted image by means of a rotating disc with four slits, with adjustment and jockey wheel for keeping bands taut.

- 8549 Extra designs for the above, 8 different, each .. .. . 0 2 6

- 8550 Gorham Colour Top Slide, giving various colouring to a design which is multiplied by a slotted rotating disc, the colours changing on the screen, with adjustment and jockey wheel for keeping the bands taut (Fig. 8550) .. .. . 1 7 6

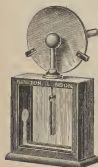
- 8551 Extra designs for the above, 5 different, each .. .. . 0 2 6

The above was designed by Sir David Salomons, Bart.

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

*Continued.*

- 8568 Horse Shoe Magnet, for use with erector, to show lines of force .. £0 10 0  
 8569 Bar Magnet, mounted for use with erector, to show lines of force .. 0 10 0  
 8570 Pair of Bar Magnets, mounted parallel, for use with erector, poles reversible .. .. . 0 12 6  
 8571 Magnetic Needle, mounted on graduated circle, transparent, for use with erector .. .. . 0 15 0



No. 8572.

- 8572 Electroscope, Condensing, with flat sides for projection (Fig. 8572) .. .. . 1 2 6  
 8573 Electrical Apparatus for projecting by the shadow method, showing the unequal distribution on variously shaped conductors .. .. . 0 2 0  
 8574 Electric Bell Slide, showing the actual working parts of an electric bell on the screen. The bell can be worked by a small current .. .. . 0 12 6  
 8575 Dead-beat Voltmeter in the form of a lantern slide, to work with any lantern. Will measure voltage of either direct or alternating currents from 20 to 110 volts .. .. . 6 16 6  
 8576 Dead-beat Ammeter in the form of a lantern slide, to work with any lantern. Will measure direct or alternating currents 1 to 10 amperes 6 16 6

*The above two instruments are designed by Major Holden, R.A., of Woolwich Arsenal, and can be made to suit any other range that may be required.*

- 8577 Oersted's Experiment, showing the deflections of a magnetic needle under the influence of electric current, for use with erector .. .. £1 0 0  
 8578 Plateau's Experiment, illustrating Saturn's Rings. Small rotating disc and wheel, mounted on heavy stand for use with the erector .. 2 2 0  
 8579 Cubical Tank for ditto .. .. . 1 5 0

*Any of the apparatus for use with the Erector or Vertical Apparatus can be used with the Scientist's Bi-unials, pages 54 and 55, or with the Demonstrator's Lanterns, pages 46-49, or the Cylindrical Electric Lantern, page 50, without a separate Erector.*

- 8580 Newton's Rings Apparatus, for showing the phenomena of Newton's rings on the screen, mounted on adjusting stand .. .. . 0 18 6



No. 8581.



No. 8582.

- 8581 Lantern-Slide Galvanometer, £1 5s. .. .. more sensitive £3 3 0  
 8582 Electro-Magnet Lantern Slides with removable core for showing action of electro-magnet on the screen (Fig. 8582) .. .. . 0 10 6  
 8583 Saxby's Optical Tuning Fork, for demonstrating the strain or stress set up in glass by acoustic vibration .. .. . 1 1 0  
 8584 Fletcher's Artificial Sunset, for producing on the screen the colour changes of the setting sun by the action of fine dust upon light .. 3 3 0

## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

Continued.



No. 8590.



No. 8591.

- 8590 Collision Ball Slide, for use in an ordinary lantern (Fig. 8590) .. .. £8 12 6  
 8591 Electrolytic Tank for showing on screen decomposition of water by electric current, large size with collecting tubes and platinum electrodes (Fig. 8591) .. .. . 0 16 6

*The tubes, &c., can be removed and the tank used for other experiments when required.*



No. 8592.



No. 8593.

- 8592 Capillary Tubes, for use with tank, (Fig. 8592) to show capillarity .. 0 3 0  
 8593 Capillary Plates, ditto ditto (Fig. 8593) .. .. 0 3 0  
 8594 Chemical Tank, brass plates in wood frame .. .. 0 10 6  
 8595 Glass Tank,  $8\frac{1}{2} \times 4 \times \frac{1}{2}$  .. .. 0 8 6

## FLUORESCENCE AND PHOSPHORESCENCE.

A most effective series of experiments can be done under these heads by the aid of any ordinary lantern. Suitable objects placed in the path of the invisible rays transmitted by the ultra-violet screen fluoresce brilliantly, or in the path of the blue rays transmitted by the blue glass screen still more intensely, but as the ultra-violet rays are quite invisible the former is the more striking experiment.

- 8601 Ultra-Violet Screen (Prof. W. R. Wood) .. .. £1 1 0  
 8602 Blue Glass Screen .. .. 0 5 6  
 8603 Tubes of Fluorescing Liquids for use with the above, 3 colours, each 0 3 6  
 8604 Willemite, Fluor Spar, &c. .. .. each 0 3 6  
 8605 Bar of Uranium Glass .. .. 0 3 6  
 8606 Cell of Nitrate of Uranium .. .. 0 2 6  
 8607 Plate of Didymium Glass, showing fluorescence or absorption spectrum 0 15 0  
 8608 Three Cubes of Uranium and didymium glass and fluor spar, fluorescing green, red, and blue, in case .. .. 2 0 0  
 8609 Cube of Uranium Glass, larger .. .. 0 12 6  
 8610 Cube of Fluor Spar, showing blue fluorescence .. 12s. 6d. and 1 1 0  
 8611 Cube of Sapphirine Glass, showing red fluorescence .. 6s 6d. and 0 15 0  
 8612 Phosphorescent Tubes, set of 3, filled with powders, which phosphoresce different colours, in box (if these are held in the lantern beam for a few moments they shine brilliantly in the dark) .. .. 0 9 6  
 8613 Phosphorescent Tubes, set of 6, filled with powders, which phosphoresce different colours, in box .. .. 0 15 0  
 8614 Bar of Faraday's heavy glass to show refraction .. .. 1 5 0  
 8615 Brass Arrow Diaphragm for use with bar of heavy glass .. .. 0 10 6  
 8616 Lantern Kaleidophone with metal adjusting table and long steel wire with small mirror on stand .. .. 1 1 0  
 8617 Chladni's Figure Apparatus, fitted to the scientist's bi-unial, shewing the figures direct on the screen .. .. 0 17 6



## APPARATUS FOR USE WITH SCIENTIFIC LANTERNS.

*Continued.*

- 8555 Kaleidoscope, for giving an endless variety of patterns and very beautiful effects with the chromatope, mounted in brass to attach to the front of either lantern, in case (Fig. 8555) .. .. . £2 10 0
- 8556 Rackwork Slide, with pieces of coloured glass for the kaleidoscope .. 0 7 6
- 8557 Kaleidoscope, new pattern, with adjusting mirrors, packed in mahogany case with rotating frame and four interchangeable sets of objects .. .. . 6 6 0

The ordinary Lantern Kaleidoscope although (when properly made and well exhibited), an effective instrument, is, owing to its fixed mirrors, little more than a toy. The new Lantern Kaleidoscope is made much larger, and having the mirrors so fitted that by moving a milled head they can be set at any desired angle while the object is on the screen, becomes at once a scientific instrument of great value in demonstrating to an audience the phenomena of multiple reflection from inclined mirrors, as well as a far more effective and interesting apparatus for use at ordinary lantern exhibitions.



No. 8555.



No. 8559.

- 8558 Pond Life Tank, for showing water-beetles, water-spiders, &c., on the screen .. .. . £0 8 6
- 8559 Glass Tank, for chemical and other experiments with the lantern, easily taken to pieces for cleaning, or for replacing broken glass sides (Fig. 8559) .. .. . 0 10 6
- 8560 Pipette, with india-rubber ball for use with the above tank .. 0 1 6
- 8561 Glass Tanks, to contain liquids for showing absorption bands, &c., in spectra of blood and various solutions.. .. . 0 3 6



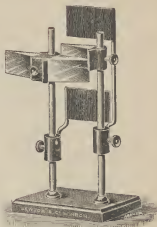
No. 8564.

- 8562 Erector or Vertical Apparatus, for use with any optical lantern, for showing transparent or semi-transparent experiments, &c., on the screen when the object is in a horizontal position, with 5-in. stage, 5-in. plano-convex condenser, and achromatic lens with rackwork adjustment for focussing, as supplied to Oxford and Cambridge Universities, &c. .. .. 3 10 0

This is also very useful for making diagrams with pencil on ground glass, as they can thus be shown on the screen while being drawn.

- 8563 Erector or Vertical Apparatus, special pattern, made for use with the electric lanterns. (See No. 8450, page 58) .. .. . 15 0 0
- 8564 Dr. Clay's Wave Ripple Apparatus for demonstrating on the screen traverse wave movement by means of water waves, consisting of large erector with 10-in. condensing lens, achromatic focussing lens, reflecting prism diaphragm, counterpoised focussing arrangement, large water tank with models of lenses, prisms, plane and concave mirrors, apertures for obtaining diffraction effects, &c. (Fig. 8564) 25 0 0
- 8565 Pair of Tuning Forks, with dippers and electro-magnets to keep up a constant vibration, mounted on stands for use with Dr. Clay's wave ripple apparatus .. .. . 3 10 0

## PRISMS FOR PROJECTION EXPERIMENTS.



No. 8630.

8620	Bisulphide Bottle Prism.	60°							
	2½ x 1½ in.	..	..	..	..	£0	10	0	
8621	Bisulphide Bottle Prism.	60°							
	3½ x 2½ in.	..	..	..	..	0	18	6	
8622	Bisulphide Bottle Prism, with large field.	60° in wood frame	..	..	..	1	1	0	
8623	Direct Compound Glass Prism, obviating the necessity of turning the lantern at an angle with the screen	..	..	..	..	1	5	0	
8624	Direct Compound Bisulphide Prism, in wood case, obviating the necessity of turning the lantern at an angle with the screen	..	..	..	..	3	10	0	
8625	Direct Cinnamic Ether Prism, with square ends. This gives better definition than the bisulphide prisms	..	..	..	..	5	5	0	
8626	Bottle of Cinnamic Ether for above	..	..	..	..	..	..	..	£1 1 0
8627	Erecting Prisms.								

Images of Apparatus projected by the lantern are of course inverted on the screen. This is a great disadvantage in thermometric and some other experiments, but may be overcome by interposing an erecting prism, without deflecting the image. Erecting prisms, silvered and truncated, to obtain the largest possible field with the smallest bulk of glass:

Length 3 inches approximate field	1 x ¾ in.	..	..	..	..	1	15	0
" 4 "	1½ x 1 in.	..	..	..	..	2	15	0
" 5 "	1½ x 1½ in.	..	..	..	..	3	15	0
" 6 "	2 x 1½ in.	..	..	..	..	7	10	0

8628 Reflecting Prisms (Silvered). These are for use as mirrors where great accuracy of definition is required, as in projecting on the screen or in reversing photographs. They may also be used as erecting prisms.

Size of faces—	2½ inch square	..	50s.	3½ inch square	..	7	0	0
1½ inch square	.. 20s.	2½ "	.. 60s.	4 "	..	9	0	0
1 "	.. 25s.	2½ "	.. 80s.	4½ "	..	10	10	0
2 "	.. 40s.	3 "	.. £5					

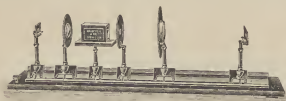
8629	Set of Three Achromatic Prisms, one flint and 2 crown, to show on the screen how, by combination, deviation may be obtained without colour, as in an achromatic lens; or colour without deviation, as in a direct vision prism	..	..	..	..	Unmounted	1	17	6
8630	Set of Three Achromatic Prisms as above, mounted with screens on stand (Fig. 8630)	..	..	..	..	..	3	15	0
8631	Pair of Prisms for Newton's experiment on the different refrangibility of the various colours of the spectrum. Best quality, 1½ in. face	..	..	..	..	..	2	5	0
8632	Prism Troughs, with 5 compartments for filling with various liquids to show different dispersive powers	..	..	..	..	..	0	10	6
8633	Prism Troughs, small, for filling with liquids, vertical or horizontal, each	..	..	..	..	..	0	5	0
8634	Hollow Glass Prism, for colour solutions, &c. 6 in. long	..	..	..	..	..	0	10	6
8635	Prismatic Absorption Troughs. A pair of these filled with liquid, placed side by side, form an absorption tank, with parallel sides. By moving the prisms, the width of tank can be increased or diminished as desired	..	..	..	..	per pair	1	1	0
8636	Flint Glass Prism, dense, on stand with universal joint	..	..	..	..	..	0	17	6
8637	Wedge Prisms for diverting one or more colours from the spectrum before recomposing it	..	..	..	..	..	0	5	0
8638	Cone Prism, optically worked, shows brilliant circular spectrum on the screen, on adjusting stand	..	..	..	..	..	2	10	0
8639	Interference Prisms, see Fig. 8515, page 72.								
8640	Water Prism, with movable sides, for varying the angle, on brass stand, with levelling screws, best quality	..	..	..	..	..	10	10	0

## THE "UNIVERSAL" OPTICAL BENCH AND CHESHIRE'S PROJECTION APPARATUS.

This new optical bench consists of a plain cast-iron triangular bar mounted on a polished mahogany base board with divided millimetre scale, &c. Adapted to slide, and to be clamped in any position upon this bar, any number of feet can be supplied, each of which is bored to take and clamp a standard-sized stem, which in turn may carry any required optical element, as a lens, prism, &c., at a standard height. In this way the bar and feet may be employed with any number of different fittings, and different kinds of optical apparatus built up, such for example as a projection polariscope, spectroscope, &c., &c.

Mr. Frederick J. Cheshire, lecturer on physics at Birkbeck College, London, has been engaged for some time past, with remarkable success, in designing projection apparatus for use with the bench just referred to. Several of the more important and useful of these instruments, for lecture-table and class demonstration work, we are introducing as set out in detail below.

8650	The "Universal" Optical Bench, 1 metre long, complete on base board with divided scale, &c. . . . .	£5 15 6
8651	The Bench as above described, without divided scale . . . . .	4 10 0
8652	The "Universal" Optical Bench, as above, $\frac{1}{2}$ metre long, without divided scale, either for use separately, or as an extension of the metre bench for experiments requiring a longer fitting; such, for example, as Cheshire's model eye . . . . .	3 15 0
8653	Brass Feet for "Universal" Optical Bench, adapted to carry the various fittings for Cheshire's projection apparatus, and also lenses, prisms, &c., for ordinary optical bench laboratory work (see Cat. No.2), each	0 9 6



No. 8654.

8654	Cheshire's Projection Spectroscope and Colour-Mixing Apparatus, complete, including an adjustable slit, an achromatic collimating lens of 1½-in. aperture, a direct-vision bi-sulphide prism, 1-in. x 1½-in. aperture, a table for supporting the prism, an iris diaphragm for limiting the outlet face of the prism, a large spectrum focussing and projection lens (simple) of 4-in. aperture, together with 4 skew prisms and brass stops, all mounted to be carried by the brass feet referred to above, but not including the bench and necessary feet (6). Fig. 8654 . . . . .	8 18 6
8655	Bench, if required (extra) . . . . .	5 15 6
8656	Feet, if required (extra) . . . . . each	0 9 6
8657	Special Absorption Tanks, for use with the above . . . . .	0 4 0

## CHESHIRE'S PROJECTION POLARISCOPE.

As is now well known, Iceland spar of optical quality and large enough to make Nicol prisms of say 40-mm. clear aperture and upwards, is no longer obtainable in a regular way, the only mine from which such spar has ever been got, not having been worked for some years past. A double-image prism, however, of spar and glass, giving a separation of from 8 to 10 degrees, only requires an eighth to a tenth of the spar required by a Nicol prism of the same aperture.

In the above apparatus the problem of the more economical use of spar has been solved in a very satisfactory way, by replacing the Nicol polariser used in large-sized projection apparatus by a double-image prism of the same aperture.

In apparatus of this kind hitherto proposed, the working of the polariser at full aperture, especially with convergent light, has been attended with almost insuperable difficulties, and then only with a small and well-defined light source, such as the electric arc. The present apparatus, however, can be used simply and efficiently with such comparatively extended light sources as the lime light, with results in every way comparable with those obtained by the use of a Nicol prism.

The polariscope consists of the following fittings, viz.: A wheel-diaphragm with holes of different sizes; an achromatic collimating lens of 1½-in. aperture; a double-image polarising prism; three object holders; a condensing system of lenses; an achromatic projecting lens of 1½-in. aperture; a capstan mount for a small Nicol analyser, and a double-image prism for use alternatively as an analyser.

8660	Cheshire's Projection Polariscope, complete as above, for experiments in both parallel and convergent light, with a 2-in. clear aperture polariser, Nicol prism analyser, double-image prism, &c., but not including the bench and necessary feet .. .. .	£40	0	0
8661	Ditto, with a 2½-in. polariser .. .. .	50	0	0
8662	If the convergent system of mounted lenses and the two object holders for use with the same are not required, deduct from the above prices ..	5	10	0
8663	Bench (if required) .. .. .	5	15	6
8664	Feet (if required) .. .. .	0	9	6
8665	Double-Image Iceland Spar and Glass Polariser (Mr. Cheshire's pattern), 2-in. clear field, arranged for projection .. .. .	30	0	0
8666	Double-Image Iceland Spar and Glass Polariser, as above, but with 2½-in. clear field .. .. .	40	0	0
8667	Additional Narrow-angle Double-Image Prism, for experiments in spectro-polarisation .. .. .	1	10	0
8668	Foot for ditto (if required) .. .. .	0	9	6

### CHESHIRE'S MODEL EYE.

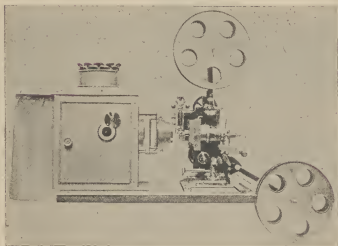
For the demonstration by Projection of the Optical Properties of the Human Eye, including its Optical Defects and their Correction.

This "eye" consists of a tube about 25 cm. long, with a transparent screen, painted to imitate the retina at one end, an achromatic lens and an iris diaphragm at the other, and a second achromatic lens sliding along the axis between the lens and the retina to obtain the varying amounts of "accommodation." Three retinæ are supplied to alter the length of the eye, and thus make it either "normal," "short-sighted," or "long-sighted." This "eye" in use is mounted on a half-metre bench arranged as an extension of a metre bench, upon which the near-point determinations are made. The necessary light is supplied by an ordinary lantern at the end of the metre bench, an ordinary lantern slide at the principal focus of a large light-collecting lens serving as an object at infinity. The retina of the eye is projected upon the ordinary lantern screen by an auxiliary large-aperture cinematograph lens. A set of trial sights is supplied to enable the ordinary correction for long or short sight to be made, and cylindrical lenses are supplied to render the "eye" astigmatic, and show its correction.

The action of the microscope, telescope, &c., in producing magnified images, can also be beautifully shown on the screen.

8669	Cheshire's Model Eye, as above, with 3 retinæ, simple focussing lens for obtaining parallel light, and giving "infinity" vision, cylindrical lenses, trial sights, slide stage, &c. . . . .	£16	0	0
8670	Half-metre Optical Bench, to use in combination with the optical bench . . . . .	3	15	0
8671	Auxiliary Large-aperture Short-focus Kinematograph Lens . . . . .	2	2	0
8672	Right-angled Reflecting Prism, for use with kinematograph lens, to throw image of retina on to a screen behind the lecturer . . . . .	3	3	0
8673	A Set of Slides is in preparation to illustrate the defects of the eye, and the action of the above apparatus in demonstrating them. The complete list will be ready shortly . . . . . price, each slide	0	1	0
8674	A Complete Treatise on the use of Cheshire's projection apparatus, by Mr. F. J. Cheshire, will be ready very shortly, and will be sent free to purchasers of the apparatus.			

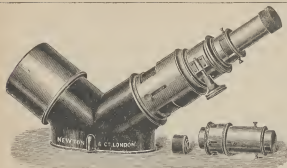
## KINEMATOGRAPHS.



No. 8708.

8706	Kinematograph complete with lantern, consisting of the machine, fitted with tube lens in rack mount, two large spools, Russian iron lantern-body 4-in. condenser, large-diameter front lens in rack and mount; the whole mounted on a wood base board with a swing-round movement to the kinematograph, so that it can be turned out of the way when not in use. Packed in travelling case .. .. .	£19 10 0
8707	Kinematograph without lantern, with lens and 2 spools .. .. .	14 14 0
8708	Kinematograph of a different model to the previous one, more highly finished, thus ensuring greater steadiness, fitted complete with lantern in case, as above .. .. .	28 10 0
8709	The Kinematograph only, without lantern, as No. 8708, with lens, 2 spools, &c. .. .. .	23 10 0
8710	Kinematograph of a larger model and the most perfect mechanism, free from flicker and quite steady, fitted with the best tube lens in rack mount, complete with lantern in case. (Fig. 8708) .. .. .	40 0 0
8711	The Kinematograph only, without lantern, as No. 8708, with lens and spools .. .. .	32 15 0
	A cheap form of Kinematograph can be supplied suitable for home use, can be fitted to any lantern .. .. .	3 3 0
8712	Film Winder, with clamp and spring board .. .. .	0 16 0
8713	Double Spool Winder .. .. .	1 4 0
8714	Single Spool Winder .. .. .	0 6 6
8715	Trestles for travelling case, forming stand for lantern when in use .. .. .	0 10 0

For Limes, Jets, and other fittings, see pages 25-28.



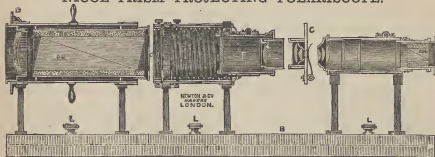
No. 8725.

## LANTERN POLARISCOPES

AND APPARATUS FOR  
USE WITH OPTICAL  
LANTERNS.

- 8725 Elbow Polariscope, of best quality and construction, for illustrating the various phenomena of polarised light, with polarising glass plates, prism and lenses, mounted in brass, with rack adjustment to focus tube, in case, complete (Fig. 8725) .. .. . £7 7 0
- This instrument is suitable for use with any good optical or magic lantern, and forms an excellent table polariscope.
- 8726 Crystal Stage for the above for exhibiting crystals .. .. . 0 12 6
- 8727 Convergent System of lenses with crystal stage, for exhibiting wide-angle crystals and the mica and selenite preparations, pages 84 and 85 .. 4 4 0
- 8728 Glass Bundle Analyser, fitted to polariscope, showing direct polarised beam on screen and complementary colours by reflected beam .. from 0 15 0
- 8729 Brass Adapter for using the front portion of the elbow polariscope as Wright's optical front .. .. . 0 10 6

## NICOL PRISM PROJECTING POLARISCOPE.



No. 8730.

Direct Nicol Prism Polariscope, designed by Lewis Wright, Esq., for use with the Lantern, with large size Nicol or compound square-end prism as polariser, special flat-end prism of large angular aperture as analyser, with rack adjustment to focussing lenses, rotating motions to polariser and analyser, circle divided on German silver, crystal stage, double system of convergent lenses for exhibiting rings in wide-angled bi-axial crystals, with rackwork focussing adjustment, selenite stage, &c., on adjusting mahogany base board, in case, complete (Fig. 8730).

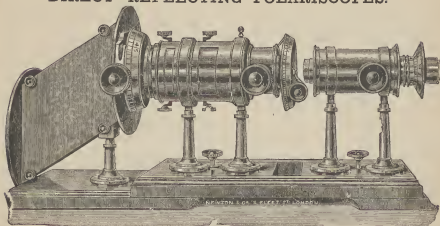
Including improvements and additions suggested by Lewis Wright, Esq., Sir Thomas S. Bazley, Sir David Salomons, &c. This instrument is of the finest quality and highest finish throughout. *As supplied to numerous Colleges and Institutions.*

In our newest pattern Instruments all the parts slide on a solid gun-metal lathe-bed 30 in. long, ensuring absolute centring.

The prices of the instruments are

- 8730 With polariser 2-in. clear aperture .. .. . £125 0 0
- 8731 " " 2½-in. " .. .. . 155 0 0
- 8732 Similar Instruments can also be made fitted with compound square-end spar polarisers with clear 2-in. aperture, but of these only two can be made owing to the dearth of large Iceland spar .. .. . 85 0 0

## DIRECT REFLECTING POLARISCOPES.



No. 8734.

- 8734 Direct Polariscopes, fitted with Delezenne polariser (large size), designed by Rev. P. R. Sleeman, F.R.A.S., &c., and with arrangement for rotating the polarised beam devised by Prof. S. P. Thompson. Finest quality, and highest finish throughout (Fig. 8734) .. .. £45 0 0
- The above arrangement is a most excellent substitute for the large Nicol prism, and considerably less expensive. It has been supplied to many Scientific Institutions.*
- 8735 Direct Polariscopes, cheap form, fitted with Delezenne polariser, designed by P. R. Sleeman, F.R.A.S. Nicol prism as analyser, convergent system for exhibiting rings in wide angle crystals, on sliding base made entirely in brass .. .. 20 0 0
- 8736 Apparatus for showing on the screen the number of degrees of rotation caused by various percentages of sugar solution. The index hand points to the degrees as the prism revolves. With bi-quartz, divided glass, pointer, 3 tubes, &c., fitted to polariscopes, No. 8634 .. 5 15 6
- 8737 Double Image Prism of Iceland spar, mounted in brass tube, with aperture plate for polariscopes .. .. 0 16 0
- 8738 Huyghen's Apparatus, fitted to nozzle of polariscopes, with 2 rotating double image prisms, selenites, &c. .. .. from 2 2 0
- 8739 Pair of Tourmaline Plates, one fixed and one in rotating frame, 35s. 4 4 0
- 8740 Tubes to contain solutions, for showing rotation in oil of lemons, &c., 20 centimetres or 10 centimetres long .. .. each 0 12 6
- 8741 Set of Supports for using the above tubes, with polariscopes No. 6335 0 15 0
- 8742 Quartz Plate, R. and L., for use with the above tubes .. .. each 0 15 0
- 8743 Crystallising Frame, with plates and forceps for crystallising benzoic acid, &c., while being shown by polarised light on the screen .. .. 0 7 6
- 8744 Metal Slide for Heating Crystal (Mitscherlich's experiment) .. .. 0 7 6
- 8745 Selenite Crystals for the above .. .. 6s. 6d to 0 12 6
- 8747 Apparatus for Heating Glass while in the polariscopes .. .. 0 10 6
- 8748 Apparatus for Compressing Glass in the polariscopes .. .. 0 10 6
- 8749 Improved Apparatus for compressing, bending, and breaking squares of plate glass, showing most beautifully the lines of strain, with 2 keys for obtaining increased power .. .. 1 5 0
- 8750 Pair of Mirrors, Glass Jar, Quartz Plate to show multi-coloured images .. .. 3 3 0
- 8751 Glass Plates for ditto .. .. per doz. 0 6 0
- 8752 Quartz Plate, for experiments in colour phenomena .. .. 1 10 0
- 8753 Tourmaline Plates, now very scarce. Prices on application.
- The best handbook on polarisation with the lantern is*
- 8754 "Light," a course of Experimental Optics, chiefly with the Lantern. By Lewis Wright. Second Edition, revised and enlarged .. .. 0 7 6
- Messrs. Newton and Co. manufacture and supply all the Apparatus necessary for working the Experiments mentioned in this book.*
- For additional apparatus in Sound, Light, Heat, &c., see Catalogue No. 2, Philosophical Apparatus.*

## SELENITE OBJECTS FOR THE POLARISCOPE.

Mounted in mahogany blocks.



No. 8806.

	£	s.	d.
8756 Ev n Selenite ... ..	0	3	6
8757 Uneven Selenite ... ..	0	3	6
8758 Selenite, showing mackle ... ..	0	3	6
8759 Selenite, superior specimen ... ..	0	4	6
8760 Cube ... ..	0	4	6
8761 Six pointed star ... ..	0	10	6
8762 Flowers and Fruit ... ..	10s.	1	15
8763 Tulip ... ..	0	10	0
8764 Chameleon ... ..	0	10	0
8765 Swan, black and white ... ..	1	1	0
8766 Lady ... ..	1	1	0

8780 Butterfly ... ..	0	10	0
8789 Bunch of Marguerites ... ..	0	10	0
8791 Strawberries ... ..	0	10	6
8792 Fleur-de-lys ... ..	0	10	0
8793 Forget-me-not ... ..	0	10	0
8794 Parrot ... ..	0	10	0
8795 Parrot ... ..	1	10	6
8796 Wedge, showing that colours are due to thickness ... ..	8s.	6d.	to 0 12 6
8797 Pair of wedges to counteract each other, one revolving ... ..	1	10	6
8798 Concave plate (Newton's rings) ... ..	0	12	6
8799 Sweep turned Baker ... ..	1	10	6
8800 Dolphin ... ..	0	10	0
8801 Church Window ... ..	0	14	0
8802 Heartsease ... ..	0	10	0
8803 Heartsease, very beautiful ... ..	1	5	0
8804 Bunch of Grapes ... ..	0	10	0
8805 Selenite Plate, even colour, red and green, or blue and yellow, for use with the mica preparations ... ..	0	10	0
8806 Rotating Frame for use with the Selenite plates. Fig. 8706 ... ..	0	4	6
8807 Sliding Frame for holding glasses ... ..	0	3	6

## SPECIAL SELENITE AND MICA OBJECTS.

Series of Objects, giving very brilliant colours.

Messrs. Newton &amp; Co. are the sole Agents for these preparations.

	£	s.	d.
8808 Natural Twin Crystal of Selenite ... ..	5s.	4	6
8809 Simple Geometrical Designs in combined Selenite and Mica, 8s. 6d. & 0 14 0			
8810 Compound Geometrical Designs in combined Selenite and Mica ... ..	from	0	10

	£	s.	d.
8811 Natural Twin Crystal of Selenite, whole plate, showing blue and yellow in whole or half disc ... ..	1	1	0
8812 Triple crossed Natural Twin Crystals of Selenite, a most brilliant and effective object, very fine and scarce ... ..	2	2	0

## VARIOUS OBJECTS FOR THE POLARISCOPE.

	£	s.	d.
8813 Amethyst, in Mahogany frame ... ..	0	8	6
8814 Benzoic Acid ... ..	0	3	6
8815 Salicine ... ..	0	3	6
8816 Sugar ... ..	0	4	6
8817 Eno's Fruit Salt ... ..	0	3	6
8818 Granite, Aberdeen ... ..	0	3	6
8819 " Peterhead ... ..	0	3	6
8820 " Graphio ... ..	0	5	0
8821 Labradorite ... ..	0	5	0
8822 Perthite ... ..	0	10	0
8823 Horn, Organic ... ..	0	3	6
8824 Quill ... ..	0	4	6
8825 Crystals cut to show the rings surrounding the optic axis, large size, in mahogany frames, 10s. 6d. to 1 0			
Crystals mounted in Cork, for use with Tourmaline Forceps or Polariscope,			

	£	s.	d.
8826 Arragonite ... ..	0	4	0
8827 Adularia ... ..	0	6	0
8828 Bichromate of Potash ... ..	0	4	0
8829 Borax ... ..	0	4	0
8830 Carbonate of Lead ... ..	0	12	6
8831 Calcite ... ..	0	4	0
8832 Nitre ... ..	0	4	0
8833 Quartz ... ..	0	4	0
8834 Quartz, showing straight lines ... ..	0	6	6
8835 Selenite ... ..	0	4	0
8836 Sugar ... ..	0	5	6
8837 Topaz ... ..	6s.	6d.	&
8838 Mahogany Carrier Frames, adjustable, for holding the above crystals in the crystal stage of Polariscope ... ..	0	2	0
8839 Rotating Frames for rotating objects in the Polariscope, each 0 4 6			

	£	s.	d.
Crystals mounted on 3 X 1 glass slips, for use with the convergent systems of Polariscope—			
8840 Muscovite, Axial Section ... ..	0	3	6
8841 Biotite, Axial Section ... ..	0	3	6
8842 Phlogopite ... ..	0	3	6
8843 Barytes ... ..	0	4	6
8844 Quartz ... ..	0	5	6
8845 Tourmaline ... ..	0	6	6
8846 Beryl ... ..	0	6	6
8847 Unannealed Glass, of various shapes, showing the permanent polarizing structure of glass that has been uniformly heated and suddenly cooled, in mahogany frames ... ..	each	0	7

## CRYSTALS.

Specially cut for use with the Convergent Systems of Polariscope and Micro-Polariscope, showing Axes, Rings and Brushes.

	£	s.	d.
8848 Platino-Cyanide Calomium ... ..	0	8	6
8849 Diopside ... ..	0	8	6
8850 Diopside twin Crystal ... ..	0	10	6
8851 Sulphate Cobalt and Potash ... ..	0	5	0
8852 Proto Sulphate Iron ... ..	0	4	6
8853 Chrysoberyl ... ..	0	8	6
8854 Cordierite ... ..	0	7	6
8855 Celestine ... ..	0	6	0
8856 Labradorite ... ..	0	6	6

	£	s.	d.
8857 Hyposulphate of Soda ... ..	0	5	0
8858 Hyposulphate of Soda ... ..	0	5	0
8859 Bichromate of Potash ... ..	0	4	6
8860 Adularia ... ..	0	6	0
8861 Epidote ... ..	0	6	6
8862 Topaz ... ..	0	7	6
8863 Rochelle Salts ... ..	0	5	0
8864 Tartrate of Potash, Ammonia and Soda ... ..	0	6	0
8865 Sulphate of Magnesia ... ..	0	4	0

	£	s.	d.
8866 Crossed Topaz ... ..	0	17	6
8867 Sulphate of Copper ... ..	0	4	6
8868 Disthene ... ..	0	5	0
8869 Apophyllite ... ..	0	7	0
8870 Platino-Cyanide of Barium ... ..	0	6	6
8871 Brookite ... ..	0	18	6
8872 Carbonate of Lead ... ..	0	6	6
8873 Glauberite ... ..	0	6	6
8874 Titanite ... ..	0	8	6

8875 Plates of Positive and Negative Crystals showing the Apophyllite rings when superimposed per pair 0 8 6



# QUARTZ OBJECTS FOR THE POLARISCOPE.

8880	Quartz, showing cross crystallisation .. .. .	3s. 6d. to	£0 8 6
8881	" " Airy's spirals .. .. .	"	0 10 6
8882	" " Savart's bands .. .. .	"	0 8 6
8883	" " Hyperbola .. .. .	"	0 8 6
8884	" Stokes's wedges, showing bands .. .. .	"	0 8 6
8885	" Cut $22\frac{1}{2}$ to axis .. .. .	"	0 8 6
8886	" Set of 4 wedges, right and left hand, showing bands .. .. .	"	1 15 6
8887	" Pair of wedges to show gradation of colours .. .. .	"	1 1 0
8888	" Pair quartz plates cut to show Airy's spirals mounted on glass plates so that they can be used in a rotating frame .. .. .	"	"

Quartz plates cut in various directions showing very beautiful colours, from 3s. 6d. each.

# MICA OBJECTS FOR THE POLARISCOPE.

Mounted in mahogany blocks.

As described by Lewis Wright, Esq., in various papers. They are the finest spectacular preparations yet devised, producing most brilliant effects on the screen.

Messrs. NEWTON & Co. are the sole Agents for these preparations.



No. 8890.

## 8890 Quarter-Wave Preparations (Fig. 8890):—

A.	Is for ordinary experiments in circular polarisation .. .. .	£0 6 0
	Whole or half circles of half-wave thickness at the same price.	
B.	Gives contrary rotations .. .. .	0 9 0
C.	Illustrates the dislocation of rings in crystals .. .. .	0 12 0
D.	Superposed upon a concave selenite ( <i>see</i> 8798, page 84) give magnificent phenomena, which may be further varied by adding a rotating selenite film (No. 8705, page 84) .. .. .	0 18 0
E.	Gives beautiful contrary rotations with a circular wedge, or when superposed upon C., D., or E., each segment appears alternately white and black in succession, on rotating analyser, showing effect of half-wave retardations .. .. .	0 9 0
G.	Circular Ring of quarter-wave mica .. .. .	0 7 6

## 8891 Mica Designs, Wedges, &c.:—

H.	Fox's Wedge of $24\frac{1}{2}$ wave films, showing Newton's first three orders in $\frac{1}{2}$ wave differences .. .. .	£3 to 3 15 0
K.	$1\frac{1}{2}$ wave film to superpose on ditto .. .. .	0 6 0
L.	Circular Wedge of 24 sectors, rotating colours .. .. .	3 3 0
N.	Double Wedge, giving curious floorcloth patterns and beautiful phenomena when A is superposed, per pair .. .. .	3 15 0
NN.	Concentric Circles or Squares .. .. .	1 1 0
O.	Circularly-polarised geometrical designs .. .. .	7s. 6d. to 1 1 0

*These are far superior to the Selenite Stars or cube usually employed. They may be used to show either the complementary colours only, or in the reverse position give in rotation all the colours of the spectrum.*

8892 P. Double Combination circularly-polarized Designs. The extraordinary kaleidoscopic changes in pattern and colour of these preparations baffle description. They present the most gorgeous and brilliant phenomena yet produced in polarised light. The components of each pair can also be used singly .. .. . per pair. 30s. to 3 3 0

8893 Mica and Selenite preparations for convergent light. These are mounted on 3 by 1 glass slips as being more convenient for use; they can be kept in the ordinary racked microscopic slide boxes.

Q.	Nörrenberg's Series of Crossed Micras, showing how by crossing bi-axial films the uni axial rings appear; six preparations of 1, 2, 4, 6, 8, and 24 films .. .. .	2 2 0
R.	A single preparation. only. showing uni-axial rings with 24 crossed films .. .. .	0 15 0
S.	Combinations of Crossed Micras, giving coloured fringes .. .. .	5s. to 0 15 0
T.	Mica and Selenite Combinations after Nörrenberg, giving fringes of the most varying patterns and colours .. .. .	5s. to 1 1 0

## DISTANCES FOR LANTERN LENSES.

Distance between Lantern and Screen.	FOCUS OF LENS.										
	4½ in.	6 in.	8 in.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	22 in.	24 in.
	DIAMETER OF PICTURE WHEN USING A 3-IN. SLIDE.										
	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.	ft. in.
10 feet ..	6 8	5 0	3 9	3 0	2 6	2 2	1 10	1 8	1 6	1 4	1 3
12 „ ..	8 0	6 0	4 6	3 7	3 0	2 7	2 3	2 0	1 9	1 8	1 6
15 „ ..	10 0	7 6	5 8	4 6	3 9	3 3	2 10	2 6	2 3	2 0	1 10
20 „ ..	13 4	10 0	7 6	6 0	5 0	4 3	3 9	3 4	3 0	2 8	2 6
25 „ ..	16 8	12 8	9 4	7 6	6 3	5 4	4 8	4 2	3 9	3 4	3 1
30 „ ..	20 0	15 0	11 3	9 0	7 6	6 5	5 7	5 0	4 6	4 0	3 9
35 „ ..	23 4	17 6	13 1	10 6	8 9	7 6	6 7	5 10	5 3	4 9	4 5
40 „ ..	26 8	20 0	15 0	12 0	10 0	8 7	7 6	6 8	6 0	5 5	5 0
45 „ ..	30 0	22 6	16 10	13 6	11 3	9 8	8 6	7 6	6 9	6 1	5 8
50 „ ..	33 4	25 0	18 9	15 0	12 6	10 9	9 5	8 4	7 6	6 9	6 3
60 „ ..	40 0	30 0	22 6	18 0	15 0	12 11	11 3	10 0	9 0	8 2	7 6
70 „ ..	46 8	35 0	26 3	21 0	17 6	15 0	13 2	11 8	10 6	9 6	8 9
80 „ ..	53 4	40 0	30 0	24 0	20 0	17 2	15 0	13 4	12 0	10 10	10 0
90 „ ..	60 0	45 0	33 9	27 0	23 6	19 4	16 11	15 0	13 6	12 3	11 3
100 „ ..	66 8	50 0	37 6	30 0	25 0	21 6	18 9	16 8	15 0	13 7	12 6





## EDUCATIONAL SERIES OF SLIDES—Continued.

## HISTOLOGY—Continued

- 90 Skin, v.s. human; epidermis, sweat duct, &c. X 44  
 91 " " showing sweat gland, &c. X 115  
 92 " " sudoriparous glands, isolated X 51  
 93 Scalp, human; v.s. for glands, &c. X 18  
 94 " " for hair follicles, &c. X 44  
 95 " " hor. sec. upper stratum X 32  
 96 " " t.s. hair follicle (lowers. rat.) X 32  
 97 Artery, human; t.s. medium sized, whole X 17  
 98 " " for elastic coat X 86  
 99 " " t.s. small, showing coats X 109  
 100 Vein; small, t.s. whole X 22  
 101 " " t.s. showing layers, &c. X 109  
 102 " " l.s. showing coats at junction of valve X 86  
 103 Capillaries, from muscular coat of intestine X 85  
 104 Lymphatic gland, human; t.s. showing trabeculae X 37  
 105 Lymphatic gland human; t.s. showing lymph spaces X 134  
 106 Thyroid gland, human, tr. sec. X 34  
 107 " " " " X 92  
 108 Thymus gland, tr. sec. general view X 23  
 109 " " trabeculae and cellular structure X 86  
 110 Spleen, sec. showing trabeculae, pulp X 20  
 111 " " malpighian body and pulp X 38  
 112 " " malpighian body and splenic corpuscles X 132  
 113 Spinal cord, human; t.s. general view X 9  
 114 " " t.s. showing nerve fibres in tr. sec. X 132  
 115 " " t.s. injected pia mater X 7  
 116 Brain, ape, t.s. cerebellum, inj. relation of grey to white matter X 12  
 117 " " " inj. structure of grey matter X 25  
 118 " rat; cerebrum, showing distribution of blood-vessels X 16  
 119 " " showing distribution of blood-vessels X 60  
 120 Ear, kitten; cochlea, general view X 16  
 121 " " showing scales X 42  
 122 " " auditory meatus, tr. sec. X 5  
 123 Taste buds, papillae foliata, tongue of rabbit X 76  
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 125 Lip, for mucous membrane of internal surface, v.s. (sheep) X 15  
 126 Tongue, mucous membrane filiform papillae X 39  
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 129 Eye, human; section through entire healthy eye, showing coats, lens, &c. X 5  
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 135 " " entrance of optic nerve X 16  
 136 " " optic nerve for detail X 37  
 137 " " sclerotic, choroid, and retina X 86  
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 140 Eyelid, human; v.s. for meibomian gland, &c

## B

## HUMAN PHYSIOLOGY.

Selected and arranged by JOHN GAY, Esq., M.R.C.S., L.R.C.P., D.P.H.

Coloured, 5s. 6d. each; Plain Photographs, 1s. each.

The majority of the slides are taken with permission of the publishers and authors from Kirkes' Handbook of Physiology (marked *k* for convenience of reference), Foster's Physiology (marked *f*), Huxley's Physiology (*h*), Gray's Anatomy (*g*), Quain's Anatomy (*q*), Alexander Bruce's "Mid and Hind Brain" (*b*), other sources are mentioned. Some of the slides are taken from apparatus set up.

## GENERAL.

- 1 The Skeleton  
 2 The Body, showing Arteries and Veins  
 3 Antero-post. section of Body (Diagram) *h*  
 4 Chemical basis of the human body (Table)  
 CELLULAR HISTORY.  
 5 Structure of a cell *k*  
 6 Division of cells (Karyokinesis) *q*  
 7 Ovum, as a cell dividing *q*  
 8 White corpuscle in various shapes *q*  
 9 Epithelial and Connective Tissues (Table)  
 BLOOD.  
 10 Composition of Blood  
 11 " " in Bulk (Quantitative)  
 12 " of Plasma  
 13 " of Serum  
 14 " of Red Corpuscles  
 15 Centrifugal Machine (Diagram) *k*  
 16 Oenometers; & Curve taken by renal oenometer  
 17 Ludwig's Mercurial Air-pump or Gases  
 18 Spectrum of Blood *k* Coloured, 5s. 6d.  
 19 Corpuscles, different sizes of *k*  
 20 Haemacytometer *k*  
 21 Blood clot (Diagram) *k*  
 CIRCULATION.  
 22 General Diagram of Circulation *k*  
 23 Thorax, showing position of heart and lungs *g*  
 24 Transverse section of Thorax, to show lungs and heart *g*  
 25 Interior of right side of heart *k*  
 26 Interior of left side of heart *k*  
 27 Diagram of Circulation in heart *k*

- 28 Position of Cardiac Valves from above *k*  
 29 Fetal circulation *g*  
 30 Cardiac Cycle, Diagram *k*  
 31 Cardiograph *k*  
 32 Cardiograms. Intra-articular and intra-ven-tricular *k*  
 33 Manometer (Blood pressure)  
 Recording apparatus  
 35 Pressure tracings (Kymogram) *k*  
 36 Ludwig's Strohmuhr *k*  
 37 Frog's Heart, front and back *k*  
 38 Effect on the Heart of stimulation of Vagus (Cardiogram) *k*  
 39 Marey's Sphygmograph  
 40 Sphygmograms *k*  
 41 Valves in Veins *k*  
 RESPIRATION.  
 42 Front View of Heart and Lungs *g*  
 43 Larynx, Trachea and Bronchi (front view) *g*  
 44 Infundibula and Blood-vessels *k*  
 45 Capillary network of Pulmonary Vessels *k*  
 46 Intercostal Muscles *q*  
 47 Axes of Rotation of Ribs *k*  
 48 " " (Diagrammatic apparatus)  
 49 Traube-Hering's Curves *f*

## DIGESTION.

- 50 Alimentary Canal. General diagrammatic View *k*  
 51 Tongue and Papillae (upper surface)  
 52 Antero-post. Section of Mouth and Nose  
 53 Development of Teeth *k*

## EDUCATIONAL SERIES OF SLIDES—Continued.

## HUMAN PHYSIOLOGY—Continued.

- 54 Eruption of Teeth. (Tables) *k*  
 55 Salivary Glands. Dissection of Head to show *g*  
 56 Composition of Saliva (Table)  
 57 Nervous mechanism of secretion of saliva. (Diagram) *f*  
 58 Stomach and duodenum. Interior, to show openings of Bile Duct *g*  
 59 Gastric Juice. Composition of. (Table)  
 60 Small Intestine. Valvulae conniventes  
 61 Lacteals of villi *k*  
 62 Fat absorption in villi *k*  
 63 Liver. Bile capillaries between liver cells *k*  
 64 Bile, Composition of (Table)  
 65 Pancreas, General appearance and position of *g*  
 66 Pancreatic Secretion. (Table)  
 67 Section of Pancreas during Digestion *k*  
 68 Influence of Nervous System on digestion *k*
- DIET.  
 69 Percentage Composition of the Body (Table)  
 70 The Starving Body, loss, per cent. (Table) *f*  
 71 Loss to the Body of Carbon and Nitrogen (Table) *k*  
 72 Classification of Food Stuffs. (Table)  
 73 Composition of Food Stuffs, percentage table *k*  
 74 Composition of Food Stuffs in grains per pound (Table)  
 75 Composition of Milk and Eggs  
 76 Diet Tables (Moleschott and Parkes) *k*  
 77 Food required for Energy of Body (Table) *k*  
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 78 Requirements of Daily Diets, in Carbon and Nitrogen, for different conditions (Table)  
 79 Foundation Daily Diet (Waller) (Table)  
 80 English Navy's Diet in C. and N. (Table)  
 81 Starvation Diet in C. and N. (Table)
- ABSORPTION.  
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 83 Diagram of principal Lymphatic Vessels *k*  
 84 Diagram of structure of Lymphatic Gland *g*  
 85 Chemical Composition of Lymph and Chyle (Table) *k*
- SECRETION.  
 86 Diagram of structure of Secreting Glands *k*  
 87 Mammary Gland, sec. of alveoli during lactation
- EXCRETION.  
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 89 Vertical section through substance of Kidney *g*  
 90 Malpighian Capsule and Blood Supply *g*  
 91 Highly magnified Malpighian Capsule *k*  
 92 Diagram of Tubules of Kidney *k*  
 93 Diagram of Distribution of Blood Vessels of Kidney *g*  
 94 Composition of Urine (Table) *k*  
 95 Crystals of Urea  
 96 Crystals of Triple Phosphates *k*  
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 99 Income and Expenditure of Body (Table) *k*
- MUSCULAR SYSTEM.  
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 101 Diagrams of Muscle Columns and Sarcooplasm (Rolle's theory) *k*  
 102 Diagrams of striped muscle (sarcomere) Schäfer's Theory *k*  
 103 Muscle curve apparatus  
 104 Pendulum myograph *f*  
 105 Myograms *k*  
 106 Myograms of tetanus *k*  
 107 Muscle Currents of Rest. Diagram (Du Bois Reymond) *f*  
 108 Muscle-nerve preparation  
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 110 Diagram illustrating Electro-tonic Currents in Nerves *f*  
 111 Diagram of Muscle — Nerve preparation (ascending and descending currents) *f*  
 112 Effect of Temperature on Muscle curves *k*  
 113 Du Bois Reymond's Induction Coil  
 114 Magnetic Interrupter of Induction coil (detail) *k*  
 115 Du Bois Reymond and Mercury Keys  
 116 Du Bois Reymond's Rheochord. Diagram (Landois and Stirling)  
 117 Levers. Diagram
- NERVOUS SYSTEM.  
 118 Simplest forms of Nervous System  
 119 Spinal cord and connection with brain *k*  
 120 Spinal cord, transverse section showing roots *k*  
 121 Spinal cord, transverse section lower cervical region to show track of fibres (diagram) *k*  
 122 Spinal cord. Course of nerve-roots (diagram) *g*  
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 125 Section of Medulla showing nuclei of x, xi, and xii. nerves *k*  
 126 Diagram of Connections of Hypoglossal Nerve *b*  
 127 Scheme of Nuclei and Roots ix., x. and xi. Cranial Nerves *b*  
 128 Scheme of Connections of Auditory Nerve *b*  
 129 Diagram of Connections of Superior Olive *b*  
 130 Trans-Section of Medulla through centre *f*  
 Infr. Olive. Nuclei and roots of v., ix., x. and xii. Cranial Nerves *b*  
 131 General view of Connection of ix., x. and xi. Nerves *k*  
 132 Nerve Cell *k*
- CEREBRUM.  
 133 Vertical Section of Cerebrum, Cerebellum and Pons in mesial line *g*  
 134 Base of Brain *g*  
 135 Section of Brain and Cerebellum, showing grey and white matter *k*  
 136 Motor Areas *k*  
 137 Sensory Areas *k*  
 138 Brain of Monkey, to show effect of stimulation of various spots (Ferrier) *k*  
 139 Sympathetic Nervous System. General view *g*  
 140 Longitudinal and Vertical diagrammatic Section of a Vertebrate Brain (Huxley) *k*
- NOSE.  
 141 Antero-post. Section of Nasal Cavities, showing Olfactory Nerve on Outer Wall *g*  
 142 Antero-post. Section of Nasal Cavities, showing Olfactory Nerve in Septum *g*
- EAR.  
 143 General View of Internal Ear  
 144 Diagram to illustrate position and action of auditory apparatus *k*  
 145 Bony labyrinth. Exterior  
 146 Cochlea. Interior and Section *g*  
 147 Cochlea. Section through one coil, showing position of Organ of Corti *k*  
 148 Organ of Corti (highly magnified) *k*
- EYE.  
 149 Section of Eyeball *g*  
 150 Front and back of Eyeball. Choroid processes and Retinal vessels *k*  
 151 Diagram of structure of Retina *g*  
 152 Figures illustrating action of lenses on rays of light (Landois and Stirling)  
 153 Accommodation (Diagram) *k*  
 154 Emmetropic, Hypermetropic, and Myopic Eyes *k*  
 155 Formation of Image on Retina (Landois and Stirling)  
 156 Diagram of Optical Angle *k*  
 157 Binocular Vision. Diagram *k*  
 158 Judgment of Solidarity. Diagram *k*  
 159 Scheiner's Experiment *f*  
 160 Diagram to illustrate Young-Helmholtz theory of colour-sensation *k*  
 161 Diagram of Primary Complementary Colours  
 162 Lachrymal Apparatus *g*
- LARYNX.  
 163 Anatomy *g*  
 164 Position of vocal cords in respiration, &c.  
 165 Action of muscles in phonation (Diagram

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- 8 Clavicle, Scapula, Arm, and Hand
- 9 Hip, Leg, and Foot
- 10 Ligaments
- 11 Effects of Tight Lacing on the form of the Skeleton

**MUSCLES.**

- 12 Muscular System
- 13 Natural Levers

**DIGESTIVE ORGANS.**

- 14 Viscera of Human Body
- 15 Course of Ingesta
- 16 Jaws

- 17 Kinds of Teeth
- 18 Salivary Glands
- 19 Liver, Pancreas, Stomach (interior)
- 20 Gastric Glands, Structure of Intestines

**CIRCULATORY ORGANS.**

- 21 Systematic Circulation
- 22 Heart and Lung (exterior)
- 23 Heart (interior, right side)
- 24 Blood Corpuscles (Human and Comparative)

**RESPIRATORY ORGANS.**

- 25 Pulmonary Circulation
- 26 Trachea Lungs (half section)
- 27 Transverse Section of Thorax
- 28 Cavity of Thorax, Diaphragm
- 29 Minute Structure of Lungs
- 30 Absorbent System
- 31 Lymphatics
- 32 Kidney (exterior and section)
- 33 Renal Circulation
- 34 Sections of Skin
- 35 Liver, &c.

**NERVOUS SYSTEM.**

- 36 Cerebro-Spinal System
- 37 Ganglionic System
- 38 Section of Brain, showing twelve pairs of nerves
- 39 Under Surface of Brain, showing twelve pairs of nerves
- 40 Spinal Cord

**SENSES.**

- 41 Touch—nerve-endings in skin
- 42 Smell—Sections of Nose
- 43 Taste—Tongue
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- 45 Sight—minute structure of Eye
- 46 Sight—Muscles of Eye and Lachrymal Apparatus
- 47 Hearing—Ear
- 48 Speaking, Larynx, &c.
- 49 Minute Structure of Bone
- 50 Minute Structure of Teeth
- 51 Minute Structure of Muscles
- 52 Structure and Growth of Nails and Hair

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- 7 The Organs of the Thorax
- 8 The Heart and Lungs
- 9 Transverse Section of the Thorax
- 10 The Pericardium, Posterior
- 11 The Heart and its Vessels, Anterior
- 12 The Heart and its Vessels, Posterior
- 13 Interior of Heart, right side
- 14 " " left side
- 15 Transverse Section through the Ventricles

- 16 The Valves of the Heart, viewed from above
- 17 The Semilunars of the Pulmonary Artery
- 18 The Semilunars of the Aorta
- 19 The Coronary Vessels
- 20 The Superficial Muscular Fibres of the Heart, Anterior
- 21 The Superficial Muscular Fibres of the Heart, Posterior
- 22 Muscular Fibres of the Sheep's Heart, showing the different layers
- 23 Voluntary and Involuntary Muscular Fibres
- 24 Microscopic Structure of the Muscular Fibres of the Human Heart
- 25 The Circulatory System

- 26 Pulmonary Circulation
- 27 Transverse Section of an Artery and a Vein
- 28 The Capillary System of a Villus
- 29 The Valves of Veins
- 30 Blood Corpuscles
- 31 Air-cells of the Lungs
- 32 Diagram showing the positions of the Valves of the Heart during Relaxation
- 33 Diagram showing the positions of the Valves of the Heart during Ventricular Contraction
- 34 Circulation of Blood in the Web of a Frog's Foot
- 35 The Cerebro-spinal Nerve System
- 36 The Sympathetic Nerve System

## LANTERN SLIDES OF THE TEETH.

*A Series of direct Photo-micrographs.*

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The following list of lantern slides includes all of the photographs made during the past few years by Dr. J. Leon Williams in his studies of the microscopic morphology and pathology of enamel. Dr. Williams has repeatedly been urged to undertake the preparation of text books based upon the above-mentioned studies, but the uncertain condition of his health (which was seriously injured by too close application to photo-micrographic work), and the demands of a large practice make it improbable that he will ever undertake the preparation of text books.

We believe the photo-micrographic work of Dr. Williams has everywhere been recognised as the finest that has ever been done in this field, and it probably is not claiming too much to say that many of these photographs will not be duplicated for many years. Believing that most of the dental colleges throughout the world will be glad to avail themselves of the opportunity to secure these fine photographs, we have secured from Dr. Williams all of the original negatives and the accompanying explanatory list which he has prepared.

In addition to the above-mentioned slides there is also a supplementary list on the bacteriology of the human mouth. This list deals more especially with the various forms of micro-organisms resulting from the fructification of *Leptothrix vacuosa*. This organism, which was first discovered by Dr. Vicentini, of Italy, was also independently discovered by Dr. Williams, and up to the present time he is the only one who has succeeded in photographing it. Experts have pronounced these pictures some of the finest work that has ever been done in photo-micrography.

### Set. A.

## R X EMBRYOLOGY OF THE TEETH.

- |   |  |
|---|--|
| 1a Germ of Human Tooth soon after the commencement of the Formation of Enamel   | 24a From enamel-organ of rat, ameloblasts raised from forming enamel to show fibrous membrane lying between forming enamel and ameloblasts   |
| 2a From Germ of Human Tooth, showing formation of dentine and Enamel  | 25a Enamel cells torn from forming enamel to show fibrous sub-structure of enamel rods   |
| 3a The same more highly magnified   | 26a From persistently growing incisor of rat, showing glandular nature of stratum intermedium, enamel cells, and thin layer of enamel treated with acid to show fibrous nature of enamel sub-structure |
| 4a Commencement of Enamel Formation in Human Tooth. High Power.   | 27a Enamel of rat, showing change in structure of enamel rods in alternate rows  |
| 5a Stratum intermedium and Ameloblasts—Magnified 3,000 diameters  | 28a Transverse structure of forming enamel in tooth of embryo lamb   |
| 6a Showing formation of Human Enamel by successive deposit of Globular Bodies   | 29a Longitudinal section through tooth-germ of embryo lamb, showing formation of dentine and enamel  |
| 7a Germ of Tooth from Embryo Dog, showing formation of Enamel by deposit of Globular Bodies   | 30a Similar to foregoing, but especially showing membranous structure bounding both ends of enamel cells   |
| 8a Same as No. 7, but more advanced state of formation  | 31a Longitudinal section through tooth of embryo lamb, showing rapid development of enamel cells on outer side of tooth and degeneration of enamel cells on inner side of tooth                        |
| 9a Structure of Enamel Cells, Tooth of Embryo Dog   | 32a Longitudinal section through tooth of embryo calf, showing commencement of formation of dentine and enamel   |
| 10a Enamel Cells from Tooth of Embryo Dog, showing formation of minute drops of Albumen-like Substance                                  | 33a Section from tooth-germ of embryo calf, showing odontoblasts and commencement of dentine formation. Low power  |
| 11a From Tooth of Embryo Dog, showing Ameloblasts and Odontoblasts and formation of Dentine and Enamel                                  | 34a From tooth-germ of embryo calf, showing first stages of dentine formation  |
| 12a Similar to No. 11, but higher power   | 35a Similar to the foregoing, but higher power   |
| 13a Ameloblasts from Tooth of Embryo Dog magnified 3,000 diameters to show structure of Nuclei  | 36a From tooth-germ of embryo calf, showing another phase in the early stage of dentine formation  |
| 14a Transverse Section from Tooth of Embryo Dog showing formation of Enamel. Arrangement of Enamel Rods and Lines of Deposit well shown | 37a From tooth-germ of embryo calf, showing enamel organ, stratum intermedium, ameloblasts forming enamel and dentine, odontoblasts and tissue of pulp   |
| 15a Cross Section of Germ of Tooth of Bovine Embryo. Early Stage, before the commencement of the formation of Dentine                   | 38a From tooth-germ of human embryo, showing odontoblasts and dentinal fibres entering dentine. High power   |
| 16a Similar to the foregoing, but showing the commencement of Dentine Formation   | 39a Odontoblasts as seen under a power of 3,000 diameters  |
| 17a From tip of tooth-germ of bovine embryo, showing structure of enamel organ  | 40a From tooth-germ of embryo calf, showing ameloblasts and odontoblasts under high power  |
| 18a From the tooth germ of Rat-Kangaroo, showing structure of enamel organ  | 41a Transverse section through tooth-germ of embryo rat-kangaroo, showing formation of pericementum, cementum and dentine  |
| 19a From the persistently growing incisor of young mouse showing the formation of enamel  | 42a End of root of forming tooth showing formation of cementum   |
| 20a From the persistently growing incisor of rat, showing structure of enamel rods  |  |
| 21a Enamel of rat, treated with dilute acid to show fibrous nature of basis-substance of enamel   |  |
| 22a From persistently growing incisor of rat, showing glandular nature of enamel organ  |  |
| 23a From persistently growing incisor of mouse, showing commencement of formation of enamel. High power                                 |  |

## EMBRYOLOGY OF THE TEETH—Continued.

- 43a End of root of developing tooth, showing formation of bone and cementum  
 44a End of root of developing tooth, showing pericementum, cementum, dentine and pulp  
 45a End of root of tooth and medullary canal

- 46a End of root of tooth, showing blood-vessels and nerves entering the same  
 47a Cross section of medullary canal and contents  
 48a 49a } Three very choice high-power views  
 50a } showing formation of bone

# RY STRUCTURE OF ENAMEL AND DENTINE.

- 1b Enamel rods, showing lines of formation, commonly called lines of Retzius. Low power  
 2b Enamel rods, showing method of formation by deposit of globular bodies. Low power  
 3b Similar to the foregoing, but higher power  
 4b Enamel rods, showing light, dark Retzius bands  
 5b Showing branching of dentinal fibrillae and line of union of dentine and enamel  
 6b Enamel, showing bands of Retzius as they appear by polarized light  
 7b Bands of Retzius, or formative lines of enamel. Low power  
 8b Enamel rods, very high power, showing ultimate structure (acid)  
 9b Enamel rods treated with dilute hydrochloric acid  
 10b Transverse section enamel rods. Low power

- 11b The same, higher power  
 12b Showing irregular arrangement of enamel rods  
 13b 14b } Transverse section of enamel rods,  
 15b } magnified 3,000 diameter  
 16b 17b } Longitudinal section of enamel rods,  
 18b 19b } magnified from two to three thousand  
 20b 21b } diameters  
 22b Longitudinal section of enamel rods, showing continuity of enamel rods in passing through bands of Retzius  
 23b Longitudinal section of dentine high power, showing branching of dentinal fibrillae  
 24b Transverse section of dentine, high power, showing dentinal tubelli and dentinal fibrillae  
 25b Longitudinal section of dentine high power, showing unusual branching of dentinal fibrillae

# RZ PATHOLOGY OF ENAMEL.

- 1c } Photographs of ground sections from mature human teeth as seen under low magnifying power. The opaque spots indicate imperfect enamel-structure. Some of these imperfect spots are congenital and others represent the effects of the acid of decay  
 2c }  
 3c }  
 4c }  
 5c Showing enamel which has been penetrated by the acid of decay  
 6c Showing formation of internal cavities and degenerative changes in the dentine caused by penetration of the acid of decay, previous to any breaking down of enamel  
 7c A portion of the foregoing under higher power  
 8c Section of crown of bicuspid tooth almost completely penetrated by the acid of decay previous to the breaking down of enamel  
 9c A portion of the foregoing under higher power  
 10c Commencement of formation of cavity of decay in enamel. Decay apparently arrested at line of stratification  
 11c Stained zones in enamel tissue showing temporary arrest of the process of decay  
 12c Enamel, lower power, showing territory of tissue affected by acid which has penetrated a crack  
 13c Early stages of caries of enamel. Extensive penetration of the acid of decay  
 14c Decay of enamel, low power, showing effect of acid in removal of cement substance  
 15c 16c } Effects of the acid of decay upon  
 17c } enamel as seen under high powers  
 18c Section showing proximal surface of tooth with felt-like mass of micro-organisms slightly raised from the enamel

- 27c 28c } Similar to the foregoing but appearances  
 29c } seen under higher power  
 30c Commencement of formation of cavity in enamel. The surface of the cavity is seen to be everywhere covered with micro-organisms  
 31c Disintegration of enamel rods by action of acid-forming micro-organisms  
 32c & 33c Showing defects of structure which lead to more rapid decay along the line of union between dentine and enamel  
 34c & 35c Showing the manner in which decay penetrates along the line of union between dentine and enamel  
 36c Cracks in enamel, leading to defective tissue  
 37c 38c } Canals produced between the enamel  
 39c } rods by the action of the acid of decay excreted by micro-organisms  
 40c Similar to the foregoing, but appearances seen under very high power  
 41c From oblique section of enamel, showing openings of acid-produced canals  
 42c Longitudinal section of enamel, showing openings of canals  
 43c This photograph, under high power, was made from the surface of enamel where the bacteria had been brushed away. It shows a large number of canal openings, some of which have a diameter greater than that of the enamel rods  
 44c 45c } Varying appearances produced in enamel  
 46c 47c } by the action of the acid of decay, seen under high powers  
 48c & 49c Showing walls of a cavity containing a defective gold filling. Micro-organisms have penetrated beside the filling and everywhere line the walls of the defective portion of the cavity  
 50c Shows the lower portion of the cavity from which the gold filling has been removed. It is seen that no micro-organisms are present where the gold was perfectly adapted to the cavity

*Note.*—The foregoing photographs were made from sections mounted in balsam in the usual way. Those immediately following are from sections mounted in glycerine, and show the micro-organisms which produce the acid causing dental caries attached to the enamel.

- 19c 20c } Eight slides showing varying appearances produced in human enamel by the micro-organisms which are seen attached to the surface and which produce the acid of decay  
 21c 22c }  
 23c 24c }  
 25c 26c }

# SA BACTERIOLOGY OF THE MOUTH.

- 1d & 2d Scrapings from the proximal surface of a tooth. On the edges of the masses are seen the fertile heads of *Leptothrix Racemosa*, first discovered by Dr. Filandro Vicentini. Independently discovered and first photographed by Dr. J. Leon Williams  
 3d Similar to the foregoing but seen under higher power  
 4d Fertile heads of *Leptothrix Racemosa*, seen in longitudinal and transverse section, showing regularity of arrangement of spores

- 5d Similar to foregoing, but showing secondary buddings of spores  
 6d A group of fertile heads of *Leptothrix Racemosa*  
 7d 8d } Showing fertile heads of *Leptothrix*  
 9d 10d } *Racemosa* in a partially developed condition  
 11d } Various appearances of the fertile heads of *Leptothrix Racemosa*, as seen under magnifying powers of two and three thousand diameters  
 12d 13d }  
 14d 15d }



## BACTERIOLOGY OF THE MOUTH—Continued.

- 16d 17d } Fertile heads of *Leptothrix Racemosa*  
18d 19d } showing attachment of spores to central  
20d } stem by means of sterigma or peduncles
- 21d & 22d Showing transverse section of fertile heads of *Leptothrix Racemosa*. The regularity of the arrangement of the spores and their attachment by means of sterigma to the central stem is very clearly seen
- 23d On one side of this slide is shown a crushed head of *Leptothrix Racemosa*. It is seen to be indistinguishable from a zoogaea mass of micrococci.

*Note.*—The foregoing photographs are from specimens mounted in glycerine. This medium preserves the extreme delicacy of the fertile head of *Leptothrix Racemosa*, which is distorted or destroyed by the ordinary methods followed in preparing a specimen for a balsam mount. Investigation, however, demonstrated that the stems or thread forms of *Leptothrix Racemosa* presented certain very interesting features, somewhat resembling the tubercle bacillus, which could only be brought out of prolonged staining in a hot Gramm dye and mounting in balsam

- 24d 25d } Show sprouting of the *Leptothrix* spores  
26d } and formation of the threads as mentioned in the foregoing note

- 27d & 28d These two slides establish the identity of the stem of the *Leptothrix Racemosa* with the threads shown in Nos. 24d, 25d, & 26d
- 29d Budding of spores of *Leptothrix Racemosa*
- 30d & 31d Enlargement of end of growing thread of *Leptothrix Racemosa*, preparatory to budding of spores
- 32d Budding of fertile head of *Leptothrix Racemosa* as shown in balsam mount
- 33d & 34d Sprouting or budding of fertile head as seen in glycerine mounted specimens
- 35d & 36d Erratic or accidental formations of thread and sporelike formations of bacteria, showing the total unlikeness of these formations to *Leptothrix Racemosa*
- 37d Partially torn and crushed head of *Leptothrix Racemosa*, showing micrococci-like form of spores
- 38d 39d } Various forms of micro-organisms found  
40d 41d } in the human mouth  
42d 43d }
- 44d Clado-mycelial form of micro-organism, first discovered in the human mouth by Dr. J. Leon Williams
- 45d 46d } Various phases in the life-history of  
47d 48d } the before-mentioned Clado-mycelial  
49d } organism
- 50d Diagrammatic scheme showing the complete life-history of the Clado-mycelial organism

## Set E. SB THE FORMATION AND STRUCTURE OF MARSUPIAL ENAMEL.

- 1e Transverse section of jaw of rat kangaroo taken from the pouch of the mother
- 2e Transverse section of jaw of embryo of *perimeles nasuta*
- 3e Section through sac of forming tooth of rat kangaroo
- 4e Transverse section incisor of rat kangaroo
- 5e Portion of section of incisor tooth and germ of premolar, rat kangaroo
- 6e Formation of dentine and enamel, incisor tooth of rat kangaroo
- 7e Portion of the foregoing, more highly magnified
- 8e More advanced stage in the formation of enamel, rat kangaroo
- 9e Formation of enamel, rat kangaroo
- 10e Formation of enamel, rat kangaroo, showing fibres passing from enamel cells into forming enamel
- 11e Enamel cells from rat kangaroo, deeply stained, high power
- 12e Enamel cells, rat kangaroo. The formed enamel has been dissolved away by treatment with acid. Numerous fibres are seen hanging from the inner ends of the enamel cells
- 13e Same as the foregoing, higher power
- 14e Formation of enamel, rat kangaroo. Shows fibres passing from enamel cells into forming enamel
- 15e Different view of foregoing subject
- 16e Enamel cells treated especially to show fibrous structure
- 17e Enamel cells from marsupial embryo, showing that the Tomes processes are simply continuations of the cytoplasm of the cells
- 18e Similar to the foregoing, but with the formed enamel dissolved by acid treatment. Tomes processes and fibres remain as the organic sub-structure of the enamel
- 19e Enamel cells, marsupial embryo, bounded on both ends by a membrane-like structure which takes different stain
- 20e Similar to foregoing, showing Tomes processes continuous with sub-structure of enamel rods
- 21e Subject same as foregoing, but different view
- 22e Enamel cells, showing inner ends united by membranous structure
- 23e Enamel cells and Tomes processes
- 24e Same as foregoing, different treatment
- 25e Solution of mature marsupial enamel by action of dilute hydrochloric acid and deposit of calcic crystals with evolution of gas
- 26e Showing organic fibres, after acid solution of inorganic substance in marsupial enamel

- 27e Organic sub-structure of marsupial enamel
- 28e Similar to the foregoing, but showing oblique cut
- 29e Complete solution of inorganic substance of marsupial enamel. The larger fibres break easily, leaving a clean fracture
- 30e Complete solution of inorganic substance of marsupial enamel. The organic sub-structure is shown torn, and the torn ends twisted upon themselves
- 31e Section of mature marsupial tooth, showing fibres passing from dentine into enamel
- 32e Marsupial enamel treated with dilute hydrochloric acid. Shows fibres and organic sub-structure where inorganic substance is entirely dissolved, projecting beyond but continuous with the undissolved portion.
- 33e Fibres of marsupial enamel, partial solution of inorganic substance
- 34e Fibres of marsupial enamel, complete solution of inorganic substance
- 35e Solution of enamel in forming tooth of rat kangaroo. Large fibres are seen projecting from the dentine and smaller ones from the enamel cells
- 36e Twisted and distorted fibres, partial solution of enamel
- 37e Organic sub-structure of dentine and enamel, marsupial tooth. The enamel fibres are seen to arise from the organic matrix of the dentine
- 38e Section of dentine and enamel, from tooth of hyrax. The dentinal fibres are seen dividing near the border of the dentine and passing into the enamel without break of continuity
- 39e Oblique section of dentine and enamel of marsupial tooth. The oblique surface of the dentine everywhere shows dentinal fibres projecting from their canals passing into the enamel
- 40e Organic sub-structure of marsupial enamel
- 41e Continuity of dentinal and enamel fibres
- 42e 43e & 44e Similar to foregoing
- 45e The enamel fibres are seen to bend abruptly at a right angle to their general course
- 46e Showing continuity of fibres in dentine and enamel
- 47e 48e } Transverse sections of marsupial enamel.  
49e 50e } The canals containing fibres are seen to occupy both the substance of the enamel rod and the cement filling the interspace between the enamel rods

## EDUCATIONAL SERIES OF SLIDES—Continued

## E RONTGEN "X" RAY PHOTOGRAPHS.

These "X" Ray Lantern Slides are printed direct from the original Negatives.

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Plain Photographs, 1s. each.

- 1 Man's hand; index finger shows incipient gout
- 2 Various objects photographed while inside a wooden box
- 3 Human foot, showing bones spread as in walking
- 4 Living human foot in sock, showing bones cramped together by the sock
- 5 Hand of a lady
- 6 Cigars in an Aluminium fluted case, and various substances showing different degrees of transparency. *Left hand column.*—Gutta-percha, ebonite, slate, sulphur, sealing wax, sal ammoniac, and Calc Spar. *Right hand column.*—Plaster of Paris, red vulcanized fibre, ebony, carbon, mahogany, resin, and paraffin
- 7 Human hand, displacement of middle finger
- 8 Living human hand, showing damaged bones
- 9 Lady's hand, showing needle under metacarpal bone in palm
- 10 Steel eyeglasses in leather case
- 11 Lady's hand, tops of two fingers crushed and healed
- 12 Gentleman's hand with ring
- 13 Working man's hand
- 14 Spectacles in shagreened case
- 15 Man's broken finger badly set
- 16 Mr. Rowland's laboratory; process of taking a shadowgraph
- 17 Broken arm badly set
- 18 Man's foot
- 19 Child's foot, 10 years old
- 20 Child's ankle, 10 years old
- 21 Child's hand, 6 years old, showing partial ossification of the bones
- 22 Hand of man (*Goat*)
- 23 Foot of man (*Goat*)
- 24 Infant aged three months, showing vertebral column, ribs, &c.
- 25 Boy's hand, showing incomplete ossification
- 26 Boy's chest, showing halfpenny he had swallowed
- 27 Photograph through a man's chest, showing backbone and ribs and heart
- 28 Man's foot, side view, showing ankle bones
- 29 Man's elbow joint
- 30 Lead pencil and horn magnifier
- 31 Man's hand, showing pieces of iron
- 32 Lady's hand, with diamond rings
- 50 Pte. C. shot at Paardeburg, Cronje's Laager. Bullet entered in front under the clavicle, seen lying on the last rib. Unsuccessful attempts were made at Cape Town to find it
- 51 Pte. E. shot in the hip with exploding bullet at 20 yards range at Wakerstroom
- 52 Pte. O. C. shot at Laand's River in thigh. Bullet flattened and thigh fractured
- 53 Trooper C. shot in elbow. Fractured joint
- 54 Bomb. C. shot in thigh. Piece of shell present
- 55 Pte. H. shot in the thigh by exploding bullet at Paardeburg, Cronje's Laager
- 56 Pte. G. shot in the thigh at Wakerstroom
- 57 Fracture of an ankle joint of a soldier who fell nearly 40 feet and plied on his foot
- 58 Pte. G. shot in chest in lower part of sternum at Driefontein. Mauser bullet lying in heart's shadow
- 59 Fractured ankle in man
- 60 Bullet in boy's femur
- 61 Fracture of Humerus clavicle
- 62 Fractured femur wired together. Wire *in situ*
- 63 Bullet in ulna of boy shot by a toy pistol
- 64 Penny in oesophagus of a girl
- 65 Fractured elbow
- 66 Fractured wrist
- 67 Jaw with swelling showing the teeth
- 68 Pelvis of child
- 69 Needle in the hand, showing eye of needle
- 70 Fractured (compound) leg pinned together. Taken through the splints
- 71 Fractured hip of child
- 72 Small bullet in hand of young man
- 73 A Soldier's knee with a piece of shell, shot near Pekin. Shell since removed and patient well. (One of the very few cases taken in England from the War in China)
- 74 Dislocation of shoulder joint (not often obtained, as the dislocation is usually reduced before an X ray photo can be taken)
- 75 A fractured thigh
- 76 A bony tumour growing from the femur
- 77 Part of a pom-pom cartridge case in a man's brain
- 78 Small lead pellet in boy's eye
- 79 Fractured finger of man
- 80 Darning-needle showing the eye in a lady's hand
- 81 Part of the ulna (forearm) shot away in Boer War
- 82 Injury to a boy's elbow joint
- 83 Needle in a lady's knee
- 84 "
- 85 Needle in a boy's hip

Taken by A. A. C. Swinton, Esq.

- 38 Man's skull, the lower portion
- 34 Woman's hand, with bullet flattened in the wrist
- 35 Boy's tumorous hand showing the particle of bone in the tumours
- 36 Boy's fore-arm, showing protruding bone; same case as No. 57
- 37 Woman's hand, needle embedded
- 38 Young boy's hand, with bullet in the wrist
- 39 Hand of Mummy, 3,000 years old
- 40 Foot of Mummy. (Lady)
- 41 Mummy cat
- 42 Mummy bird
- 43 A knee joint, normal
- 44 Complete Skeleton of a Boy, 14 years old. 3s.
- 45 Infant injected, showing veins and arteries. 2s.

Taken by Cheyne Wilson, Esq. M.D.

- 46 Pte. B. shot at Gripsville. Mauser bullet in hip
- 47 Pte. E. shot at Pretoria near the knee, and bullet extracted near the ankle, leaving two small pieces behind
- 48 Pte. G. wounded at Friedrichtsdaad, pieces of shell in forearm
- 49 Pte. B. shot at Pieter's Hill by a soft-nosed Mauser, which bent on hitting the femur which is fractured

Taken by Messrs. Coxeter and Son.

- 86 Coin in oesophagus
- 87 Exostosis of tibia (showing arteries)
- 88 Necrosis of radius
- 89 Bullets in arm
- 90 Hand with five fingers
- 91 Ossifying sarcoma (head of humerus)
- 92 Fracture of tibia
- 93 Hip dislocation
- 94 Leg rickets

Birds, Animals, Reptiles, Shells.

- 95 Bones in the legs and feet of a living frog
- 96 Fish, sole, showing bones, etc.
- 97 Fish, plaice, showing bones, etc.
- 98 Puppy dog, one day old
- 99 Frog, showing bones broken leg
- 100 Chicken's foot
- 101 Young pigeon, 10 days old
- 102 Dove, showing bones and feathers
- 103 Mouse
- 104 Three live frogs
- 105 Tortoise
- 106 Snake, showing all the bones

## WV

## DISEASES OF THE BONE.

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| <ol style="list-style-type: none"> <li>1 Round Celled Sarcoma of the Ulna (Growth expanding and "eating up" the bone)</li> <li>2 Fibro-Sarcoma of Tibia (Growth springing from bone, and bony deposit in the new growth)</li> <li>3 Acute Tubercular Disease of Tibia and Fibula (with necrosis suppurative, repair)</li> <li>4 Simple Periostitis of Tibia (showing the swelling below the Periostitis)</li> <li>5 Tubercular Knee Joint (showing the bony ankylosis in malposition which follows)</li> <li>6 Myeloid Sarcoma of Fibula (the Growth entirely within the bone)</li> <li>7 Acute Suppuration Osteitis and Periostitis of Tibia (with necrosis, etc.)</li> <li>8 Central Abscess of Tibia (showing abscess cavity and the periostitis set up around it)</li> <li>9 Chronic Syphilitic Inflammation of Radius (due to Tertiary Syphilis)</li> <li>10 Necrosis of Radius (showing loss of bone and repair, cavities in bone, etc.)</li> <li>11 Early Tubercular Disease of Ulna and Phalanx (osteitis and periostitis)</li> <li>12 Exostosis of Tibia (Cartilagenous type, long duration extension bony deposit)</li> <li>13 Exostosis of Tibia (ordinary cartilagenous type, pedunculated)</li> </ol> | <ol style="list-style-type: none"> <li>14 Early Tubercular Disease of Phalanx (osteitis, periostitis, abscess around)</li> <li>15 Small Central Abscess of Tibia (three positions of bones) A</li> <li>16 " " " " B</li> <li>17 " " " " C</li> <li>18 Exostosis of Phalanx (almost entirely cartilage)</li> <li>19 Exostosis of Tibia (almost entirely bone, with broad base)</li> <li>20 Osteoma of Phalanx (entirely bony growth, no cartilage)</li> <li>21 Sarcoma growing from Phalanx of Index Finger</li> <li>22 Round-Cellled Sarcoma of Femur in the living subject</li> <li>23 Ditto after removal</li> <li>24 Tubercular Disease of Shoulder Joint (affecting the glenoid cavity and the inner side of head of humerus)</li> <li>25 Myositis Ossificans, Left Thigh</li> <li>26 Coxa Vara, Adult, Right and Left Hip Joints</li> <li>27 " " " "</li> <li>28 Pes Carus " " " "</li> <li>29 Acute Suppurative Osteitis (recovery with altered and thickened bone)</li> <li>30 Coxa Vara and Rickets, Child</li> <li>31 Acute Periostitis of Humerus</li> </ol> |
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## UN

## FIRST AID TO THE INJURED.

A Series of Direct Photographs from Life.

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| <ol style="list-style-type: none"> <li>1 Artificial Respiration. No 1</li> <li>2 " " " No. 2</li> <li>3 " " " No. 3</li> <li>4 A Reef Knot</li> <li>5 First Aid treatment of a Fractured Femur. (Thigh)</li> <li>6 " " " " Patella. (Knee Cap)</li> <li>7 " " " " Tibia. (Leg)</li> <li>8 " " " " Ribs. No. 1</li> <li>9 " " " " " No. 2</li> <li>10 " " " " Forearm</li> <li>11 " " " " Arm</li> <li>12 Scalp and Arm Bandages</li> <li>13 " " " " Buck</li> <li>14 A Shoulder Bandage</li> <li>15 Compression of the Temporal Artery</li> <li>16 " " " " Carotid</li> </ol> | <ol style="list-style-type: none"> <li>17 Compression of the Subclavian Artery</li> <li>18 " " " " Axillary</li> <li>19 " " " " Femoral</li> <li>20 " " " " " by Tourniquet</li> <li>21 " " " " Tibial Arteries</li> <li>22 Fracture of left Clavicle or Collar Bone</li> <li>23 Large Arm Sling</li> <li>24 Compression of the Brachial Artery</li> <li>25 " " " " Radial and Ulnar Arteries</li> <li>26 The Hip bandage</li> <li>27 The Chest bandage (back)</li> <li>28 " " " " (front)</li> <li>29 Diagram of the Human frame. The Skeleton</li> <li>30 " " " " The Muscles, &amp;c.</li> <li>31 " " " " Scheme of Circulation</li> </ol> |
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## EDUCATIONAL SERIES OF SLIDES—Continued.

## F SERIES OF BACTERIOLOGICAL LANTERN SLIDES.

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BY KIND PERMISSION OF PROFESSOR CROOKSHANK,

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| 1 Interior of a Bacteriological Laboratory (King's College, London) | 29 Pig suffering from Induced Anthrax (Œdema of Throat)                | 47 Tuberculosis (Lungs of Rabbit inoculated with Milk from a Tubercular Cow)        |
| 2 Sterilization by Hot Air  | 30 Streptococcus Pyogenes Hominis (Surface Cultivation Gelatine)       | 48 Actinomyces  |
| 3 " " Steam   | 31 Streptococcus Pyogenes Hominis (Cultivation in Depth of Gelatine)   | 49 " (Cultivation on Glycerine Agar)  |
| 4 Incubator   | 32 Streptococcus Pyogenes Hominis (Surface of Agar)                    | 50 Actinomyces ("Lumpy Jaw")  |
| 5 Cultivation in Gelatine   | 33 Streptococcus Pyogenes Hominis Bovis (Surface Cultivation Gelatine) | 51 " (A "Wen")  |
| 6 " " on Potato (Undula)  | 34 Streptococcus Pyogenes Bovis (Cultivation in Depth of Gelatine)     | 52 " (Emaciation)   |
| 7 Bacterium Termo (Spirillum)                                       | 35 Comma Bacillus Asiatic Cholera (Cultivation)                        | 53 Bacterium of Chicken Cholera   |
| 8 Proteus Vulgaris (Impression Preparation)                         | 36 Flagellated Protozoa (Blood of Rat)                                 | 54 Micrococcus Tetragon (Kidney)  |
| 9 " " (Highly Magnified)  | 37 " (Undulating Membrane) [(Blood)]                                   | 55 Bacillus Alvei (Foul brood in Bees)  |
| 10 Micrococci   | 38 Spirillum of Relapsing Fever  | 56 " " (Spores)   |
| 11 Sarcina Micrococci (Figurans)                                    | 39 Pneumo Coccus (Sputum)  | 57 " " (Bacilli and Spores) [gelatine]  |
| 12 Bacterium Zophi (Bacillus)                                       | 40 Diphtheria Bacillus (Culture)                                       | 58 Tubes of prepared nutrient   |
| 13 " " "  | 41 Typhoid Fever Bacillus (Culture)                                    | 59 Method of inoculating test-tubes in the preparation of plate cultivation—correct |
| 14 " " "  | 42 Bacillus of Tetanus (Culture)                                       | 60 Pink Torula  |
| 15 Bacillus Megatherium   | 43 Tubercle Bacillus (Sputum)  | 61 White Torula   |
| 16 " Subtilis   | 44 " (Culture on Glycerine Agar) (Colony)                              | 62 " "  |
| 17 Comma Bacillus of the Mouth                                      | 45 Tuberculosis (Intestinal Ulcers in a Tubercular Cow)                | 63 Anthrax. Depth cultivation in gelatine   |
| 18 " " of Water   |  | 64 Anthrax. " "   |
| 19 Spirochaeta (Sewerage)   |  | 65 Anthrax. " "   |
| 20 Spirillum Tenue  |  | 66 Yellow Sarcina   |
| 21 " Volutans (Spleen)  |  | 67 Malignant Œdema. Symptomatic Anthrax.  |
| 22 Bacillus Anthracis (Blood of)                                    |  | 68 Malignant Œdema. " "   |
| 23 " (Glomerulus of Kidney)   |  | 69 Staphylococcus Pyogenes " Aureus (Cultivation on potato)                         |
| 24 " " (Liver)  |  |   |
| 25 Colony of " (Plate Cultivation)                                  |  |   |
| 26 Filaments of Colony (Highly Magnified)                           |  |   |
| 27 Involution Form of Bacillus Anthracis (Agar Cultivation)         |  |   |
| 28 Spore-formation of Bacillus Anthracis (Potato Culture)           |  |   |

NOTE.—Anyone undertaking to keep not less than one dozen slides from the above series can have the whole set sent down for selection on depositing the value of the set (£5 9s.), and paying carriage both ways.

## BACILLI—VARIOUS.

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- |  |  |
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| 1 Anthrax Bacillus (Spleen of a mouse)                       | 14 Bacillus of Tetanus (Cultivation)   |
| 2 " " Margin of a colony (unstained)                         | 15 " " Glanders. Pure cultivation on glycerine agar  |
| 3 " " Symptomatic  | 16 " " Finkler-Prior's Comma. Depth cultivation in gelatine                                  |
| 4 " " " spore bearing rods from an agar cultivation          | 17 " " Koch's Comma. Depth cultivation in gelatine   |
| 5 " " Drop cultivation                                       | 18 Cholera Vibrios (comma bacilli) in the intestinal contents of a patient dead from cholera |
| 6 " " Depth cultivation in nutrient gelatine                 | 19 Micrococcus. Chain forming (Staphylococcus)   |
| 7 Bacillus of Diphtheria. From a cultivation on blood serum  | 20 Micrococci. Large, from the air   |
| 8 " " " in the diphtheritic membrane from the Trachea        | 21 " " Small, from water   |
| 9 " " Chicken Cholera in the heart blood of a pigeon         | 22 " " "Pneumo-coccus," Fraenkel's. (Heart-blood of a rabbit)                                |
| 10 " " Mouse Septicæmia                                      | 23 Streptococcus Pyogenes. In the pus of an abscess in man                                   |
| 11 " " Swine Erysipelas                                      | 24 Staphylococcus Pyogenes Aureus. Gelatine cultivation                                      |
| 12 " " Typhoid Fever. Colony in a gelatine plate cultivation | 25 Proteus Vulgaris. Showing Flagella  |
| 13 " " Tetanus (Colony)                                      | 26 Spirilla with Flagella  |

## H BACILLUS TUBERCULOSIS.

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- |  |   |
|--|---|
| 1 Number of Tubercles (in Synovia) (Cheyne)                    | 8 Tubercle bacilli in relation to cells and nuclei X 800 (Cheyne) |
| 2 A Tubercle in Lung, caecated and broken down (Pringle)       | 9 Arrangement of Tubercle bacilli in giant cell X 650 (Cheyne)    |
| 3 Tubercular Process in Cartilage (Cheyne)                     | 10 Tubercle bacilli in broken-down giant cell, X 650 (Cheyne)     |
| 4 " " Deposit in Bone (Cheyne)                                 | 11 Tubercle bacilli in human sputa, X 1000 (Pound)                |
| 5 A giant cell of Lung No. 2, X 850 (Pringle)                  | 12 " " cultivated (7th sub-culture on agar-agar) (Pound)          |
| 6 Tubercle bacilli in Lung of inoculated rabbit X 1000 (Klein) |   |
| 7 Tubercle bacilli, in Tissue X 800 (Cheyne)                   |   |



## EDUCATIONAL SERIES OF SLIDES—Continued.

## BACTERIOLOGY—Continued.

- |   |  |
|---|--|
| <p>92 <i>Bacillus Pestis Bubonica</i>, C.G.P. Agar Culture, 48 hours' growth at 37°c x 1,000</p> <p>93 <i>Spirillum Obermieri</i>, C.G.P. from blood of patient x 1,000</p> <p>94 <i>Bacillus Tetani</i>, C.G.P. Bouillon Culture. Spores x 1,000</p> <p>95 " " Anaerobic Culture, Glucose Gelatin 1 : 1</p> <p>96 " <i>Cedematis Maligni</i>, C.G.P. from cedematous fluid x 1,000</p> <p>97 " " " C.G.P. Agar Culture Spores x 1,000</p> <p>98 " " " Anaerobic Culture, Glucose Gelatin 1 : 1</p> <p>99 <i>Bacillus Cedematis Maligni</i>, Stab Anaerobic Cult., Glucose Agar 1 : 1</p> <p>100 " " " C.G.P. Agar Cult. Flagella Van Ermengem x 1,000</p> <p>101 " <i>Anthraxis Symptomatici</i>, C.G.P. Pleural Fluid x 1,000</p> | <p>102 <i>Actinomyces Hominis</i>, C.G.P. of Pus from Actinomyotic Abscess x 1,000</p> <p>103 " " Bovis, Section of Tongue x 375</p> <p>104 " " " Culture on Glucose Agar 1 : 1</p> <p>105 " " " C.G.P. Bouillon Culture x 1,000</p> <p>106 " " " Section of hardened Pus from Actinomyotic Abscess x 550</p> <p>107 <i>Plasmodium Malariae</i>, Fully developed pigmented form, Borax-methylene Blue x 800</p> <p>108 " " " "Sporulating" body, Borax-methylene Blue x 800</p> <p>109 " " " "Signet Ring" form, Borax-methylene Blue x 1,000</p> <p>110 " " " Malignant "Crescent" body, Borax-methylene Blue x 1000</p> <p>111 " " " Flagellated body, Carbol Fuchsin x 1000</p> |
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C.G.P.—Cover Glass Preparation.

## 8 TO BACTERIOLOGY OF TROPICAL DISEASES.

Plain Slides, 1s. 6d. each.

A Set of Photomicrographic Lantern Slides from very fine direct Negatives, by Dr. Harold R. D. Spitta, to illustrate the Morphology of the Malarial Parasite. Text Book, "Atlas of Bacteriology," 2nd Ed., by Slater and Spitta.

## MALARIA.

- |  |  |
|--|--|
| <p>1 Benign Tertian Parasite, 12 hours old, X 1,000</p> <p>2 " " " 18 hours old, X 1,000</p> <p>3 " " " 40 hours old, X 1,000</p> <p>4 " " " Double infection, X 1,000</p> <p>5 " " " Mature segmented sporocyte, Romanowsky stain, X 1,000</p> <p>6 " " " Partially segmented sporocyte, X 1,000, methylene blue</p> <p>7 " " " Mature segmented sporocyte, X 1,000, methylene blue</p> <p>8 " " " Breaking up of sporocyte, X 1,000, methylene blue</p> <p>9 " " " Gametocytes, X 1,000</p> <p>10 Parasite of Tse-Tse Fly Disease in Donkey's Blood (<i>Glossina morsitans</i>), X 1,000</p> <p>11 Malignant Parasite, Epicorpouscular form, X 1,000</p> <p>12 " " " Young Intracorpouscular bodies, X 1,000</p> <p>13 " " " "Ring Forms," X 1,000</p> <p>14 " " " Mature "Ring Forms," X 1,000</p> <p>15 " " " Quadruple Infection of Red Cell, X 1,000</p> | <p>16 Malignant Parasite in Capillaries of Brain (Human), X 1,000</p> <p>17 Male Crescentic Gametocyte, X 1,000</p> <p>18 Female Crescentic Gametocyte, X 1,000</p> <p>19 Crescent becomes an Intracorpouscular Sphere, X 1,000</p> <p>20 " " " &amp; Free Pigmented Sphere, X 1,000</p> <p>21 Free Sphere emitting its Microgametes, X 1,000</p> <p>22 A Free Microgamete, X 1,000</p> <p>23 Zygotes in Mosquito's Stomach, 3 days' old (unstained)</p> <p>24 Zygotes in Mosquito's Stomach, 6 days' old (unstained)</p> <p>25 Empty Zygote Caprures in Wall of Stomach of Mosquito after shedding blasts (unstained)</p> <p>26 Salivary glands of Mosquito (<i>Anopheles</i>) X 180</p> <p>27 Specimen illustrating the three Salivary Ducts uniting to form one Common Duct (<i>Anopheles</i>) X 185.</p> <p>28 <i>Anopheles Claviger</i>; whole insect (Female).</p> <p>29 <i>Culex Pipiens</i>; whole insect (Female).</p> <p>30 " " " Proboscis and appendages.</p> <p>31 " " " Complete Longitudinal Section through entire insect to illustrate relative anatomy of parts</p> <p>32 Parasite of Texas Fever (<i>Pyrosoma Bigeminum</i>)</p> <p>33 Quarlan Gametes</p> <p>34 Quarlan Sporulating Body</p> |
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From Negatives taken by HAROLD R. D. SPITTA, M.D., D.P.H., from Preparations made by Dr. PATRICK MANSON, and from the London School of Tropical Medicine.

## FILARIA BANCROFTI.

- |  |  |
|--|--|
| <p>35 <i>Filaria Bancrofti</i>, Male parental form</p> <p>36 Complete longitudinal section through a Filariated Mosquito, showing Parasite in Muscles</p> <p>37 <i>Culex pipiens</i></p> <p>38 " " " proboscis</p> <p>39 Young <i>Filaria</i> in thoracic muscles of <i>Culex</i></p> <p>40 " " " " " " " more mature</p> <p>41 " " " " " " " more mature</p> <p>42 " " " " " " " more mature</p> <p>43 Young <i>Filariae</i> in thoracic muscles of <i>Culex</i> seven days old</p> | <p>44 Young <i>Filariae</i> in thoracic muscles, mature worms migrating to proboscis</p> <p>45 Young <i>Filariae</i> in thoracic muscles, mature worm 16 days old at base of proboscis</p> <p>46 } <i>Filariae</i> in proboscis of mosquito</p> <p>47 }</p> <p>48 }</p> <p>49 <i>Filaria diurna</i> and <i>Filaria perstans</i> together in film of human blood x 500</p> <p>50 <i>Filaria diurna</i> in blood, with sheath, x 500</p> <p>51 <i>Filaria demarquasi</i> in human blood x 500</p> <p>52 <i>Filaria ozzardi</i> in human blood x 500</p> <p>53 <i>Filariae</i> in blood-vessels of human lung</p> <p>54 <i>Filaria Nocturna</i> removed from proboscis of Mosquito after 45 days' sojourn</p> |
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## WAVES OF WATER, SAND, AND SNOW.

The Study of Surface Waves and kindred forms of the Atmosphere, Hydrosphere and Lithosphere.

These Slides are from direct negatives by VAUGHAN CORNISH, D.Sc., F.G.S., F.C.S. F.R.G.S.

Plain Photographs, 1s. 6d. each.

Descriptive Notes by Dr. Vaughan Cornish, 6d.

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## RIPPLES ON MERCURY.

A. Illustrating Paper in "Philosophical Magazine," June, 1897.

- |  |   |
|--|---|
| 1a Interference. Two point sources same phase. The straight lines are those of minimum disturbance: they are hyperbolas of which the centres of disturbance are the foci | 6a One point source and a reflecting line producing Lloyd's bands   |
| 2a Interference, showing confocal hyperbolas and ellipses, the latter being the light oval curves in the centre  | 7a Virtual image in plane rectilinear reflector   |
| 3a Interference to illustrate Meslin's experiments   | 8a Virtual image in concave reflector   |
| 4a Beats. The curved light lines of minimum disturbance rotate towards their convexities   | 9a Spherical aberration in concave mirror   |
| 5a Two sets of ripples propagated independently, one four times as rapid as the other  | 10a Virtual image in convex reflector, showing interference fringes   |
|  | 11a Plane rectilinear waves brought to a focus in concave reflector, showing two series of parabolic interference fringes |
|  | 12a Reflection of plane (linear) waves in a plane (linear) reflector, showing diffraction                                 |

## T L

## RIPPLES ON MERCURY.

B. "Philosophical Magazine," February, 1898.

- |   |  |
|---|--|
| 1b Ripples due to agitation of support of mercury trough by a musical note                        | 8b Plane diffraction grating effect produced by ten equidistant sources  |
| 2b Ripples due to agitation of support of mercury trough by noise                                 | 9b Analogous to a zone plate in optics   |
| 3b Point source and its image at equal distances from concave reflector, showing conjugate foci   | 10b Ripples caused by a card cut to represent a median section of a circular zone plate. This and No. 9b illustrate the fact that the focal length of a zone plate is less for red than for blue light |
| 4b Real image of point source in a concave reflector, showing normal and abnormal foci            | 11b Refraction in a prism  |
| 5b Spurious ripple focus  | 12b Refraction in three circular patches of mercury covered with water   |
| 6b Conjugate foci of ellipse  |  |
| 7b Source at centre of ellipse, showing two foci conjugate to the centre near each end of ellipse |  |

## T M

## RIPPLES ON MERCURY.

C. "Philosophical Magazine," September, 1898.

- |   |  |
|---|--|
| 1c Doppler's principle  | 7c Young's experiment  |
| 2c Waves formed by motion of a style along the surface of the mercury   | 8c Arago's experiment to test Newton's emission theory                           |
| 3c Interference between two sources of nearly the same frequency, 190 and 170   | 9c Rowland's concave grating 10 sources, frequency 170                           |
| 4c } To get wide interference bands in optics, the two point sources must be near together.   | 10c Interference pattern produced by three point sources vibrating in same phase |
| 5c } The sources in these photographs vibrate in opposite phase. The bright lines of minimum disturbance decrease in number as the sources approach each other until in No. 6c only the centre band is left | 11c Ripples caused by impact of a shot   |
| 6c }  | 12c Ripples caused by a ricochet   |

## T N

## RIPPLES ON WATER SURFACE.

D. "Philosophical Magazine," October, 1899.

- |   |  |
|---|--|
| 1d Refraction of plane (rectilinear) waves in a plane (rectilinear) surface   | 6d Refraction of spherical (circular) waves in a plane (straight line), showing also Lloyd's bands due to reflection |
| 2d Refraction through a prism   | 7d Refraction of plane (rectilinear) waves in a lens   |
| 3d Fringes analogous to those joined by a bi-prism caused by a glass cylinder just submerged, the waves being retarded in passing over the shallow portion. | 8d Refraction of spherical (circular) waves in a lens giving plane rectilinear waves                                 |
| 4d } Refraction in a medium of increasing optical density   |  |
| 5d }  |  |

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- 5 Photograph, by Mr. Higgs, of Liverpool, of the region between D<sub>1</sub> and D<sub>2</sub>
- 6 Normal Solar Spectrum Region between H and h. September, 1890
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- 21 Photograph of the "Reversing Layer" in Two portions; and photograph near Mid-Totality, showing Coronal Ring in 1474 Light
- 22 Artificial Sun Spots. (1) Wooden Ball, showing Rotating Spots. (2) An ordinary Spot. (3) Wooden Ball, showing Spot on the Limb
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 280 Unfolding Wings of Insects. Insect hanging erect, the wings beginning to unfold; The wings unfolding, the abdomen strongly bowed and much distended; The wings unfolding, the abdomen strongly bowed and much distended (April, 1905).  
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- 20 Sunset on the Ptolemaans.
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- 28 Sunrise on the Sea of Plenty.
- 29 Where Four Mountain Ranges Meet.
- 30 The Ringed Plains of the Mare Nubium.
- 31 Eclipse of the Moon, May 11th, 1892.
- 32 " " "
- 33 " " "
- 34 " " "
- 35 " " "
- 36 " " "
- 37 " " "
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- |   |               |      |         |
|---|---------------|------|---------|
| 1 | Eclipse time, | 9.20 | p.m.    |
| 2 | "             | "    | 9.50 "  |
| 3 | "             | "    | 10.30 " |
| 4 | "             | "    | 11 "    |

- |   |               |       |         |
|---|---------------|-------|---------|
| 5 | Eclipse time, | 11.30 | p.m.    |
| 6 | "             | "     | 12 "    |
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- 2 " " Officers
- 3 Approaching "Viziadrug" Fort, the Station that was occupied
- 4 Viziadrug Fort
- 5 " " Plan
- 6 The Camp. "First day after arrival
- 7 " " Middle of the first week
- 8 " " A week after our arrival
- 9 " " General View, looking East
- 10 " " Panoramic View taken before the Eclipse
- 11 Group of Observers taken after the Eclipse
- 12 The Eclipse Clock showing how the dial was graduated spirally
- 13 The 6-in. grating Spectroscope with Professor Pedler and Staff
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- 15 The Hut containing Coronagraph and Integrating Spectroscope
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- 27 Spectrum of  $\delta$  Orionis, showing the lines due to O, N, & C.
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- 31 Comparison of Corona Chromosphere (1898) and Sun
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- 38 Sirius
- 39 Vega. (17 April, 1899) 80 min. exposure
- 40  $\alpha$  Cygni. (17 April, 1899) 80 min. exposure. Scale 5-0.

## 41 Definitions of Stellar Genera

42 Stellar Evolution Map. Diagram illustrating the Stellar Evolution as based on spectroscopic observations

43 Constellations near Leo for November meteors

44 Map of Spain with 1900 Eclipse track marked

**Eclipse Expedition, 1896.**

- 45 H.M.S. "Volage" in Bras Haven, Lapland
- 46 " " " " " anchored
- 47 " " " " " casting the anchor
- 48 " " " The Volunteer Observer on board
- 49 " " " The Ship's Company
- 50 " " " An Officer
- 51 The 9-in. Prismatic Camera worked by Dr. W. J. S. Lockyer, No. 1
- 52 " " " " " No. 2
- 53 Group near 9-in. Prismatic Camera, (1) Dr. W. J. S. Lockyer, (2) Lieutenant Martin, (3) Sir Norman Lockyer
- 54 The 6-in. Prismatic Camera worked by Mr. A. Fowler
- 55 The 34-in. with Sir Norman Lockyer
- 56 The erection of a Disco
- 57 " " " by Lieutenant Martin, R.N.
- 58 General View of the Eclipse Camp
- 59 " " " nearer view
- 60 Kio Fjord, Lapland
- 61 Our Marine Guard
- 62 Chart of Sky in region about Sun during the Eclipse
- 63 What we saw of the Eclipse
- 64 The Integrator and its staff of workers
- 65 Group of Observers, taken after the Eclipse
- 66 Packing up after the Eclipse

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- 70 Despatch of Instruments for Eclipse, 1898
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- 73 Excursionists from Bombay to Viziadrug to view the Eclipse
- 74 Government Packers at work
- 75 Our Police Guard

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**8 M**

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## 8 O

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- 11 Clouds. Dec. 25, 1906, 10.30 a.m., at Tunbridge Wells.
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- 17 Clouds. Nimbi and Rail Squall. May 18, 1907, 11.33, at Tunbridge Wells.
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- 19 Clouds. Cumulus. June 12, 1907, 11.55 a.m., at S.P.O.
- 20 Clouds. Cirrus and Cumulus. June 12, 1907, 3.7 p.m., at S.P.O.
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- 34 Clouds. Fracto Cumulus and Cirrus. July 26, 1908, 10.35 a.m., at Tunbridge Wells.
- 35 Clouds. Stratus. August, 1908, Even Sky. Westgate.
- 36 Clouds. Cirrus and Cumulus. August 11, 1908, 7.11 p.m., Westgate.
- 37 Rainbow. On the Road to the Brecken. August 28, 1908.
- 38 Clouds. Cirro-Cumulus. Sept. 17th, 1908, 5.30 p.m., at S.P.O.
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- 20 Cotopaxi, eruption of, 1741, America
- 21 St. Vincent, Mt. La Souffriere, West Indies, 1902
- 22 Mount Pelée, Martinique, West Indies, 1902
- 23 Mount Pelée, Martinique, West Indies, in eruption, 1902
- 24 Ruins of St. Pierre, a few hours after eruption, West Indies, 1902
- 25 Volcanic Ash from St. Vincent
- 26 " " " La Souffriere, St. Vincent
- 27 " " " Mount Pelée
- 28 " " " Charlestown
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- 31 " " " Quartz Crystals
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- 33 Extinct crater of Mount Eden near Auckland, New Zealand
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- 41 Kilauea Crater. Earthquake crack in Lava
- 42 Kilauea Crater. Lava Cave
- 43 Kilauea, Bird's-eye view of Halemaumau, the Molten Lava Lake, April, 1894
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- 45 Halemaumau (Lake of red-hot lava) when fairly quiet
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- 51 View of the Summit of the Peak of Teneriffe
- 52 Bird's-eye view of the Gulf of Santorin during the eruption of February, 1906
- 53 Submarine Volcano, Gulf of Santorin
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- 55 A.A. Lava and Extinct Blow Cone with outer wall of Crater in distance
- 56 A Volcano Vapour Bath
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- 59 Barren Island, Bay of Bengal
- 60 St. Vincent. The road from Calligua to Kingston
- 61 St. Vincent. Calligua from hillside where Clergyman lived
- 62 St. Vincent. La Souffriere, the Crater, 1864
- 63 Krakatoa, before Eruption
- 64 " during Eruption

## LUNAR VOLCANOES.

- 65 Terrestrial and Lunar Volcanic Areas compared, portion of the Moon's surface, with Vesuvius and neighbourhood of Naples.

## A E

EDUCATIONAL SERIES OF SLIDES.—*Continued.*

## VOLCANOES.

This set of Slides is made from direct negatives taken by Prof. H. J. JOHNSTON-LAVIS, Professor of Vulcanology in the University of Naples.

*Beautifully Painted, 5s. each; Plain Photographs, 1s. 3d. each.*

- 1 Lava Streams of Vesuvius, 1886, in the Val d' Inferno, from the top of the great cone
- 2 Hollow Dyke (the first described, and the formation of which was followed) Eruption of May 2nd, 1885. Vesuvius
- 3 New Lava crusts over but flowing beneath with numerous spiracles over its surface. June 15th, 1891. Vesuvius
- 4 Details of Spiracles of No. 3
- 5 Somma and Vesuvius as seen from the East from Terrigno, 1887
- 6 Some distance above main bifurcation of Val. Von Bach
- 7 Upper termination of the Vallone between 450 m. and 750 m. contour line
- 8 End of Vallone di Pollena at the ridge of Somma, looking across the Atrio del Cavallo to Vesuvius
- 9 A Crusted-in Lava Tunnel, containing flowing lava. Openings in top of arch give exit to vapour. Feb. 6th, 1886
- 10 Cone-forming stage with ejections of lava cakes. Shows influence of wind in making cone asymmetrical. Cone of Eruption of Vesuvius. Jan., 1889
- 11 Cone-forming stage with ejection of lava cakes. Cone of Eruption of Vesuvius, 1889
- 12 Cone of Eruption of Vesuvius in cone-forming stage, with ejection of lava cakes. Autumn of 1888. Vesuvius
- 13 Cone of Eruption of Vesuvius in cone-forming stage, ejection of lava cakes. Spring of 1888
- 14 Cone of Eruption at its maximum development at the end of April, 1889, as seen from edge of 1872 crater, and looking towards the N.E.
- 15 Eruptive Cone of Vesuvius, as seen from the edge of the 1872 crater, looking towards the E.
- 16 Cone of Eruption of Vesuvius, from the edge of the 1872 crater, and looking towards the E.
- 17 New Bifurcate Crater, looking across both in their axis towards E.S.E. The more distant one only is active at intervals of several minutes with ejection of dust, sand, lapilli, and blocks of old lava rock. Vesuvius, Aug. 7th, 1886; between explosions
- 18 Vesuvius with snow cap. Seen from Castel del Uovo. Naples
- 19 Cone of Eruption in full perfection at the end of April, 1889, as seen from the edge of the 1892 crater, and looking towards the N.E.
- 20 Cone of Eruption of Vesuvius, as seen from the edge of the 1872 crater, looking towards due E.
- 21 Earthquake Phenomena. Earthquake of Ischia, 1885. Gateway on N. side of the island, showing rotation of both cap stones in same direction
- 22 Rotation after Fracture of one Column, and fall of the fellow one. Earthquake of Ischia, 1881. At Casamicciola
- 23 Monte Epomeo Ischia with two landslips, caused by earthquake of 1883, as seen from Mezzavia.
- 24 Ruins of a Volcanic Region. Pumice, tuff and rhyolite dykes. Island of Ponza, looking towards N., from just below Campo Inglese, Zannone in the distance
- 25 Columnar Trachyte. Finest example known. Looking towards E. from north end of the I. of Palmarola. Ponza group
- 26 Monte Nuovo (formed in two days in 1538) with half of the Lake Avernus and Temple of Apollo, from the northern cliff of Avernus
- 27 Lake Lucrinus, Monte Nuovo, Monte Barbaro-Cervara, as seen looking to the N.E. from above the Stufe di Nerone
- 28 Monte Barbaro, the Starza foreshore of Armstrong's Works, built thereon at Pozzuoli, as seen from the top of the great shear legs
- 29 Part of the Starza with the great Trachyte Streams of Monte Olibano, as seen from near the Hotel, G. Bretagne. Pozzuoli
- 30 Weathering of volcanic tuff by saline solutions (sea water). Il Fungo, Lacco Ameno, Ischia
- 31 Globular Basalt. Aci Castello, Sicily
- 32 Columnar Dolerite. Grotta della Palombe, Etna (near Acireale)
- 33 Mr. Narlian's Villa in 1887, that was bombarded with volcanic projectiles from the crater of Vulcano (the cone of which is seen beside the house less than a kilometre distant.) August 3rd—4th, 1888
- 34 Summit of the Island of Stromboli with the smoking crater at one side, at the upper end of Lo Sciarra, 1887. June
- 35 Summit of the Island of Stromboli with the crater at one side at the moment of an explosion of lava cakes. Sept., 1889; 2 years after
- 36 Interior of crater of Vulcano seen from N.W. edge on September 21st, 1889; commencement of an explosion
- 37 Another explosion in a less early stage
- 38 Same explosion as last—about 20 seconds later
- 39 Explosion from Vulcano as seen from steamer on its way to Messina, at sunset of Sept. 23, 1889
- 40 Panorama of the island of Vulcano, as seen from the Mte. della Guardia L'ipari, in 1887
- 41 Mud spring, Krisuvik, Iceland
- 42 Boiling water spring, Krisuvik, Iceland
- 43 The Almannagja rift or line of collapse of the crust of the lava lake of Thingvall
- 44 Looking south over the collapsed and drifted crust of the Thingvall lava lake, with the water lake and volcanic islands beyond. View from the Logberg in the sight of the old Parliament of Iceland
- 45 The Myrdals Glacier with terminal moraine and snow-field of the Myrdals Jokull, Iceland
- 46 Old submarine basalt cone cut into natural archway at Dyrbólsey (Portland), S. Iceland
- 47 A bird mound on the Skalm lava, S. Iceland
- 48 Broken cone and lava field of the W. Skaptar Stream, Iceland
- 49 A breached scoria cone that gave issue to a flood of lava. Skaptar, W. Stream, Iceland
- 50 Arrangements of scoria cones on great W. dyke of the Skaptar eruption. Lava field on either side
- 51 Row of minute cones joining two large ones along the W. dyke of the Skaptar eruption
- 52 Panorama of lava fields of the Skaptar
- 53 Skaptar lava fields with conical hills (pointed and truncated in the distance)
- 54 Fire and water. The Skaptadall filled by lava, the Skaptar river meandering over surface
- 55 View towards the three great Southern Jokulls from the Solfatara, near Ofarabofdi on the Fjallabaksveggr-sydri. Typical Icelandic scenery
- 56 Corded lava—foot of Hecla
- 57 Columnar (radiating) basalt in Hruni
- 58 Perched rocks on the Almannagja rift
- 59 Rift. The Stappagja with snow at bottom
- 60 Same taken from the interior
- 61 Globular basalt. Cape Reykjanes
- 62 Dolerite lava with structure etched out by natural sand blast. Road from Reykjanes to Stadr
- 63 Blob cone spiracle on lava close to main road near Olafskard
- 64 Rooster du St. Michel La Puy, Central France. An old tuff-choked volcanic neck denuded
- 65 Puy de la Vache (Auvergne). Breached cone (typical)
- 66 Ditto, with another neighbouring cone
- 67 Typical trachyte dome of the world, Le Puy Baroani, Auvergne
- 68 Suo de Monac, near St. Julien de Chapenell. Typical denuded columnar trachyte cone
- 69 Very long Basalt Columns, Les Orgues d'Espaly Le Puy

## EDUCATIONAL SERIES OF SLIDES—Continued.

A E

## VOLCANOES—Continued.

## VESUVIAN ERUPTION, APRIL, 1906.

From direct negatives taken by Prof. H. J. JOHNSTON-LAVIS.

- 70 The Remains of the Funicular Railway destroyed by dry slips. The ravine in the foreground is cut out where the restaurant building stood (3rd May, 1906).
- 71 Railway traversed by large Lava Stream which has buried signal-house one storey deep and caused rails to buckle by expansion (27th April, 1906).
- 72 Great Cone of Vesuvius, seen from the Atrio, beneath N.W. limb of Somma escarpment, showing the new truncation and the baranco scoring of the sides as the result of the dry slip of the fragmentary ejecta.
- 73 Great Cone of Vesuvius showing its truncation as seen from Punta del Nasone, Somma (4th May, 1906).
- 74 A "Flotation Bomb" (Johnston-Lavis), with a nucleus of masonry, on new lava near Torre Annunziata (April, 1906).
- 75 East End of Escarpment of Somma. Screens increased and added to by the new ejecta. Curious lines due to the subsequent rain.
- 76 Looking up the Atrio del Cavallo, showing the Great Cone, the Colle Umberto, and the slopes of Somma buried in lapilli and dust (ash) (4th May, 1906).
- 77 View from Roof of the Observatory. The Colle Umberto in the foreground, Somma to the left, and the truncated Great Cone of Vesuvius in the distance (2nd May, 1906).
- 78 New Lava that flowed along the railway cutting above Torre Annunziata (27th April, 1906).
- 79 Collapse and Slipping S.S.W. side of Great Cone of Vesuvius over point of issue of the first lava stream. Taken from the Piedmontina.
- 80 Streets of Ottajano, showing their state: end of April, 1906.
- 81 Great Cone, as seen from Punta del Nasone on 4th May, 1906, at the time of a dust explosion.
- 82 N.N.E. Side of the Great Cone of Vesuvius, showing rift (30th April, 1906).
- 83 Bridge near Boscorease being pushed bodily on by lava that was too viscous to drain entirely through it (29th April, 1906).
- 84 First Photo Panorama of Crater after the Eruption. Taken from the N.N.E. lip (4th May, 1906).
- 85 Panorama View of Great Cone of Vesuvius and E. Limb of Monte Somma, taken from the Punta del Nasone (4th May, 1906).

U S

## VOLCANIC SUNSETS.

These are Direct Photographic Slides of Sunset Skies, painted to dissolve into one another with two Lanterns, to illustrate one of the Sunsets after the Eruption at Krakatoa.

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- 2 Valparaiso, Ruins of the Church of Merced.

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- 3 The Railway Station after the Earthquake.
- 4 The Verandah, Constant Spring Hotel, after the Earthquake.
- 5 Side Street off West Street after the Earthquake.
- 6 Port Royal Street after the Earthquake.
- 7 West Tower of Constant Spring Hotel after the Earthquake.
- 8 Ruined House in Harbour Street after the Earthquake.

## 9 Harbour Street after the Earthquake.

## 10 Traveller's Palms, Hope Gardens.

## 11 Royal Palm, Hope Gardens.

## 12 Foliage in Castleton Gardens.

## 13 Water Lily Pond, Castleton Gardens.

## 14 Children in Castleton Gardens.

## 15 Going to Market.

## 16 s.s. "Princess Victoria Louise" on Coral Reef, Plum Point.

## 17 The Lighthouse on Plum Point.

## MESSINA, DECEMBER, 1908.

- 18 Harbour and Esplanade from the Hotel Trinacria before the Earthquake.
- 19 Harbour and Corso from the Hotel Trinacria before the Earthquake.
- 20\* Harbour, showing the Ruins of the Hotel Trinacria, and how the sea has encroached.
- 21\* Harbour, showing the Ruins of the large houses on the Front.

## 22\* Showing how the houses were torn in halves. (A very fine photo.)

## 23\* British Bluejackets performing heroic rescue work amidst the Ruins. Group of sailors from H.M.S. "Minerva" carrying a little girl to the Hospital.

For other slides on this subject, see page 429.



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- 5 Natural jointing of Slate, with lines of cleavage  
6 Glacially smoothed surface of Pre-Cambrian Grit,  
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Joints of Rock, above Llanharar  
7 Estuary beyond Cader-Iddis and Dolgelly from  
Panorama Walk, Barmouth. Note rounded  
hills in foreground, glacial and jagged peaks  
above the line reached by ice (foreground  
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- 1 River Terraces
- 2 Flint Implements. No 1
- 3 " " 2
- 4 " " 3
- 5 " " 4
- 6 Man and two Women of Paleolithic Period
- 7 " Woman making Flint Implement
- 8 North American Knife, and Australian Native making Flint Weapon
- 9 Formation of Limestone Caverns
- 10 Stalactites, Lury Cavern
- 11 The Spy Man (skulls)
- 12 The Neanderthal and other skulls compared
- 13 The Newly-discovered Human Remains from Java
- 14 Harpoons and Arrow-heads. La Madeleine
- 14a Arrow or Harpoon-heads
- 15 Arrow-head, Javelin and Needle
- 16 Eviction Scene at Wookey Hole, near Wells. Older stone age
- 17 Wookey Hole as it is now (Photo)
- 18 Engraving on Bone, Cresswell Crag
- 19 Rock Shelter of Reindeer Hunters (De Mortillet)
- 20 Hunters in Rock Shelter at Night
- 21 Map showing former extension of the Ice Sheet
- 22 Hunting the Reindeer
- 23 Hunters feasting on Horse Flesh
- 24 Hunting the Mammoth
- 25 The First Scraper and First Rope and Tanner
- 26 Flint Utensils and Tools. La Madeleine
- 27 A Sculptor of La Vaugerie Bease
- 28 Engraving of a Reindeer. Thayngen
- 29 Carvings on Bone, Horn, and Ivory
- 30 Two Engravings on Horn
- 31 Engravings on Reindeer Antler
- 32 Engraving of Cave Bear
- 33 Human Skeleton from Cave near Mentone (Riviere)
- 34 A Lake Dwelling Settlement (restored) [age]
- 35 Swiss Lake Dwellers. An evening scene. Bronze
- 36 Inside a Lake Dweller's Hut
- 37 Pottery from the Lake Dwellings
- 38 Plan of a British Crannoge
- 39 Boat hollowed out of Tree Trunk
- 40 Bronze Axes and Hafting
- 41 Bronze Swords
- 41a Weapons and a Shield
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- 43 Two British Warriors. Bronze age
- 44 British Coracle
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- 46 Plan of Uley Barrow
- 47 Entrance to Uley Barrow
- 48 The Chambered Cairn of Maeshowe [Age]
- 49 Inside View of Maeshowe
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- 51 Bell-shaped Barrow
- 52 Section of Bowl-shaped Barrow
- 53 Hut-circles on Dartmoor
- 54 Standing Stones in the Khasia Hills
- 55 Karnac, Alignments at
- 56 " Front Row at Le Menec
- 57 Plan of Karnac Alignments
- 58 Parallelithia at Merival Bridge, Dartmoor
- 59 Chambered Cairn at New Grange, Ireland
- 60 Carvings on Dolmens in Brittany
- 61 Cromlechs on Dartmoor
- 62 French Dolmen, Brittany. No. 1
- 63 " " " 2
- 64 Making a Dolmen
- 65 Stonehenge restored
- 66 " Plan of
- 67 " as it is now
- 68 Avebury Circles restored
- 69 Circles at Old Keig, Scotland
- 70 Cruciform Monument at Calvernish, Scotland
- 71 The Ring of Brogar, Stennis, Orkney
- 72 The Construction of Stonehenge
- 73 Homestead in the Early Iron Age

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## Z V

## NEBULA TO MAN.

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- 2 Dolcoath Mine, Pumping Engine on Surface
- 3 Four Rock Specimens
- 4 Blue Hills Mine, above the 66 fathom level
- 5 " " " Heave looking West, 60 fathoms level
- 6 " " " Heave looking East, 60 fathoms level
- 7 Cook's Kitchen Mine, end of ground, illustrating lode structure
- 8 East Pool Mine, Surface of Shaft, shewing Pumping Engine, &c.
- 9 Group of Tin Miners in Working Dress
- 10 Dolcoath, Man Engine at Surface
- 11 Section of Dolcoath Mine
- 12 Dolcoath Miners ascending by Man Engine at the 234 fathom level
- 13 Cook's Kitchen, Man Engine at 190 fathoms
- 14 Dolcoath, Balance Box at 236 fathoms
- 15 " Miners in a Gig and portion of Skip-Road at 302 fathoms
- 16 Cook's Kitchen Miners descending in Skip at 190 fathoms
- 17 Dolcoath, 302 New East Shaft
- 18 Cook's Kitchen, 406 fathoms level Engine Shaft, loading waggon
- 19 " " Bottom of Engine Shaft,  $\frac{1}{2}$  mile below surface
- 20 Dolcoath, Air Compressor Engines
- 21 " Boring Machine at Work, 236 fathoms
- 22 Cook's Kitchen, Boring Machine at 406 fathoms
- 23 East Pool, Working the Boring Machine
- 24 Working the Air Winch, East Pool
- 25 Cook's Kitchen Mine, 355 fathom Stope looking West
- 26 East Pool, an "Upper"
- 27 Cook's Kitchen, Overhand Stopping 355 fathoms
- 28 East Pool, Underhand Stopping
- 29 Hole charged for blasting
- 30 East Pool "Croust" time, miners at lunch, 70 fathoms
- 31 Working on a rich lode, Dolcoath, 412 fathoms
- 32 Cook's Kitchen, Looking up the 355 Stopes
- 33 " Timbering at 406 fathoms
- 34 East Pool, Horse of ground between the tin and copper lodes
- 35 " " 70 Stope, showing supports
- 36 " " Stopping at 70 fathoms
- 37 Dolcoath Mill or Pass 412 fathoms, loading Waggon
- 38 " 400 fathoms level
- 39 Working in the 412 fathom level, Dolcoath (Steel)
- 40 Hanging tram-road 375 fathoms, New East, Dolcoath
- 41 East Pool, 70 fathom tramroad
- 42 East Pool 170 fathom level, Tramroad Bridge
- 43 At work in the 180 fathom level, East Pool
- 44 Waggon of Tinstuff at Shaft
- 45 Waggon of Tinstuff tipped
- 46 Landing the Stuff at Surface
- 47 Dolcoath, Interior of the "Dry"
- 48 " Old Cornish Stamps
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**IRON-WORKERS**

- 35 Shinglers
- 36 Steam Hammer
- 37 Bell furnace men at work
- 38 Group of men (rollers)
- 39 Rolls
- 40 Finishing Rolls

**AN** THE NATURALIST IN AUSTRALIA.

By W. SAVILLE-KENT, F.L.S., F.Z.S., &amp;c.

Published by Chapman &amp; Hall, Henrietta Street, W.C.

Lantern Slides (from the original negatives) of the illustrations in the above work.

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| <ol style="list-style-type: none"> <li>1 Aborigines of King's Sound, Western Australia</li> <li>2 "Broome Belles," Native women of Roebuck Bay, Western Australia</li> <li>3 Raft and Natives of King's Sound, Western Australia</li> <li>4 Ditto</li> <li>5 Glass and Quartz spear heads of Western Australia Aborigines</li> <li>6 Carved Boabab nut and shell aprons, with human hair girdles, Kimberley District, Western Australia</li> <li>7 Natives of Kimberley District, Western Australia, showing attitude assumed when holding and throwing the Boomerang</li> <li>8 Festal dance or "Corroboree" of Kimberley, Western Australia Natives</li> <li>9 Duck-billed Platypus. <i>Ornithorhynchus paradoxus</i></li> <li>10 Echidna or Spiny Ant-eater, Tasmanian variety. <i>Echidna setosa</i></li> <li>11 Short-headed Flying Phalanger, <i>Petaurus breviceps</i>, showing position maintained during its characteristic flying leap</li> <li>12 White Individual of Large Flying Phalanger, <i>Petauroides volans</i>, with tail pendulous</li> <li>13 White Individual of Large Flying Phalanger, (<i>Petauroides volans</i>), with tail in its characteristic spirally enrolled state</li> <li>14 Australian Bear or Koala with cub. <i>Phascolarctos cinereus</i></li> <li>15 " " " in tree</li> <li>16 " " " asleep</li> <li>17 Flying Phalanger. <i>Petauroides volans</i></li> <li>18 Australian Pouched Mole, <i>Notoryctes typhlops</i>, ventral and lateral aspects</li> <li>19 Miner's tent, and nest mound of Australian Jungle Fowl, <i>Megapodiam tumulus</i>, Goode Island, Torres Straits</li> <li>20 Boabab or Bottle Tree, <i>Adansonia rupestris</i>, N.W. Australia</li> <li>21 Hollow wooden cradle used by the native women of the Kimberley District, Western Australia</li> </ol> | <ol style="list-style-type: none"> <li>24 Australian "More-porks," or fern owl, <i>Podargus strigoides</i>, illustrating remarkable disparity in size and aspect of Podargi under contrasting emotional influences</li> <li>25 Australian "More-pork" (male bird). <i>Podargus strigoides</i><br/>Australian "More-porks," illustrating Protean aspects assumed under varying emotional influences:—</li> <li>26 Counting their Chickens</li> <li>27 Sportive excitement</li> <li>28 Calm repose</li> <li>29 Youthful innocence</li> <li>30 Terror and defiance combined</li> <li>31 Mimetic concealment</li> <li>32 Attenuated attitudes in imitation of the branches on which they sit</li> <li>33 In the Land of Nod—Fast asleep</li> <li>34 Australian More-pork nest building extraordinary</li> <li>35 Gouldian Finches dancing. (1) Introductory salutations. (2) <i>The Pas de Deux</i></li> <li>36 North Queensland Laughing Jackass, <i>Dacelo leachii</i></li> <li>37 "Innocents Abroad," Young Australian Pelicans. <i>Pelecanus conspicillatus</i></li> <li>38 Young Australian Osprey. <i>Pandion leucocephalus</i></li> </ol> |
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**Lizards.**

- 39 Frilled lizards at bay
- 40 " " at rest
- 41 Frilled lizard. *Chlamydosaurus Kingi*
- 42 Bipedal running phase, from instantaneous photographs
- 43 Ditto
- 44 Ditto
- 45 Ditto
- 46 Ditto
- 47 Ditto
- 48 Frilled lizards asleep
- 49 Prototype of Chinese dragon
- 50 Bearded lizard. *Amphibolurus barbatus*
- 51 " " "

**Birds.**

- 22 "Dulce Domum"
- 23 Australian "More-porks" or fern owls. *Podargus strigoides*



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## THE NATURALIST IN AUSTRALIA—Continued.

- 161 Army crabs, *Mycteris platycheles*, "A desperate melee"
- 162 Coral rock oysters, *Ostrea mordax*, Great Barrier Reef
- 163 Rock oysters, *Ostrea glomerata*, Keppel Bay, Queensland
- 164 Cornucopia like variety of *Ostrea mordax*, Keppel Bay, Queensland
- 165 The author's oyster culture apparatus
- 166 Dwarf oysters, *Ostrea ordensis*, Ord River, Western Australia
- 167 Stalactite-like rock concretions, Sweet's Island, Gulf of Carpentaria, N. Queensland
- 168 Queensland "X-ray" spider, *Arylope regalis*, with ribbon-strengthened web
- 169 Queensland spider, *Nephila fuscipes*; (a) diminutive males; (b) commensal spiders, *Gnema argyroides*; (c) parasitic sandfly
- 160 Western Australia Tarantula. *Isopoda* sp.
- Vegetable Vagaries.**
- 161 Western Australian Bottle Tree, "Suh tegmine Boabi"
- 162 Flowers of Baobab tree. *Adansonia rupestris*.
- 163 (1) Western Australia Baobab or Bottle Trees
- 164 (2) " " " " " "
- 165 (3) " " " " " "
- 166 (4) " " " " " "
- 167 (5) " " " " " "
- 168 (6) " " " " " "
- 169 Baobab Tree, nut-bearing example, with double trunk
- 170 Prostrate Baobab, with rejuvenescent trunks
- 171 Lightning-shattered Baobab tree, near Derby, King's Sound, Western Australia
- 172 Grass-trees, Cycads, and Ferns, Drakesbrook, Western Australia
- 173 Arborescent grass-tree or "Blackboy." *Xanthorrhoea arborea*
- 174 Underground grass-tree or "Blackboy." *Xanthorrhoea hastilis*
- 175 Drumstick grass-tree or "Blackboy." *Kingia australis*
- 176 Mangrove-frequenting fruit Bat. *Pteropus conspicillatus*
- 177 Orange and White Mangroves, *Rhizophora macrocarpa* and *Avicennia officinalis*, Broom Creek, Western Australia
- 178 Rosette galls of white mangroves
- 179 Bird Pea, Roebuck Bay, Western Australia
- 180 *Salicornia* sp., Cygnet Bay, Western Australia
- 181 "Roley-Poley" grass, *Spinifex longifolius*, Shark's Bay, Western Australia
- 182 Fringed Violet. *Thysanotis dichotoma*
- 183 White Cactus, *Cereus nitens*
- 184 " " " *Chalybeus*
- 185 " " " *Grandiflorus*
- 186 Australian Tree-ferns
- 187 Trumpet creeper, *Beaumontia grandiflora* on a Queensland Verandah
- 188 Water Hyacinth, *Pontederia crassipes*, Adelaide Botanic Gardens

The following Slides, beautifully painted, are copied from the coloured plates in book, 7s. 6d. each.

- 189 Tidally-exposed inshore reef, Palm Island, Queensland
- 190 Australian Gouldian Finches. *Poephila mirabilis* et *P. Gouldii*
- 191 Australian Frilled Lizard. *Chlamydosaurus Kingi*
- 192 Madrepora Reef, Pelsart Island Lagoon, Houtman's Abrolhos
- 193 Abrolhos Nudibranchiate Molluscs. *Doris imperialis*
- 194 Sea Horses and Dragons. *Synbranchia*
- 195 A Family Party. *Plectopnath*
- 196 A Sea-star Galaxy
- 197 Insect Oddities, figs. 1-4 Green Ants; figs. 5-15 Remarkable Spiders; figs. 16-24 Eccentric caterpillars

## A O

## CORALS AND FISHES.

From "THE GREAT BARRIER REEF OF AUSTRALIA."

Coral, Coral Reefs, Pearl and Pearl Shell, Bêche-de-Mer, and other Fishing Industries.

By W. SAVILLE-KENT, F.L.S., &c., &c.

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| 1 Plate | I. Bleached Coral Specimens from the Great Barrier Reef        | 18 Plate | IX. Madrepora Lagoon, Port Denison                            |
| 2 "     | II. Charted Reef, Thursday Island, Torres Straits              | 14 "     | X. No. 1. Submerged Millepora Island's Reef                   |
| 3 "     | III. Isolated Coral Growths, Charted Reef, Thursday Island     | 16 "     | No. 2. Lophoseris Reef, Port Denison                          |
| 4 "     | IV. No. 1. Inshore Reef, Palm Islands                          | 15 "     | XI. Warrior Island Reef, Torres Straits                       |
| 5 "     | No. 2. Eroded Inshore Reef, Thursday Island                    | 17 "     | XII. Stag's-horn Reef, Outer Barrier Series, No. 1.           |
| 6 "     | V. No. 1. Madrepora Islet, Port Denison                        | 18 "     | XIII. A. Low Woody Reef, Outer Barrier Series, No. 2          |
| 7 "     | No. 2. Porites Islet, Fringing Reef, Port Denison              | 19 "     | B. Low Woody Reef, Outer Barrier Series, No. 3                |
| 8 "     | VI. No. 1. Porites Islets, Palm Island's Reef                  | 20 "     | XIV. Skull-Reef, Outer Barrier Series, No. 4                  |
| 9 "     | No. 2. Mixed Corals, with Porites Basement, Palm Island's Reef | 21 "     | XV. Low Woody Reef, Outer Barrier Series, No. 5               |
| 10 "    | VII. Fringing Reef, Port Denison, with Millepora Alcyonaria    | 22 "     | XVI. Crescent Reef, Outer Barrier Series, No. 6               |
| 11 "    | VIII. No. 1. "Dog" Reef, Saddle-back Island, Port Denison      | 23 "     | XVII. Crescent Reef, Outer Barrier Series, No. 7              |
| 12 "    | No. 2. Millepora and Alcyonaria, Fringing Reef, Port Denison   | 24 "     | XVIII. Organ-Pipe Coral Reef, Thursday Island, Torres Straits |
|         |  | 25 "     | XIX. Alcyonaria Reef, Thursday Island, No. 1.                 |

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## CORALS AND FISHES—Continued

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28	" XXI.	Giant Anemone, Discosoma Haddonii	56	" "	do. do.
29	" XXII.	No. 1, Stinging Anemone, Actinodendron Alcyonoides	57	" XXXVIII.	Mother-of-Pearl Shell, Melanargina Margaritifera
30	" "	No. 2, Stinging Anemone, Megalotris Griffithii	58	" "	Artificially produced Pearl
31	" XXIII.	Mushroom Corals, Fungia Crassitenta/ulata, Expanded	59	" XXXIX.	Mangrove Oyster Bank, Keppel Bay
32	" "	Mushroom Corals Fungia Crassitenta/ulata, Contracted and Young Attached, Conditions	60	" "	Mangrove Oysters, Endeavour Estuary
33	" XXIV.	No. 1. Mushroom Coral with attached young	61	" XL.	Oyster Reef, Keppel Bay
34	" "	No. 2. Mushroom Corals, fully expanded	62	" "	Coral-Rock Oysters
35	" XXV.	Living Corals with Expanded Polyps. 1. Small Colony Stock of Gonipora; 2. Small Colony Stock of Euphyllia rugosa	63	" XLI.	Cultivated Oyster Bank, Moreton Bay
36	" "	Living Corals, with expanded Polyps Mature Corallum of Pectinia Jardinei	64	" "	Whale Oyster-Bank, Moreton Bay
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38	" XXVII.	Author's Methods of Photographing Submerged Corals and Bêche-de-mer	66	" "	No. 2. Barrier Reef Shells, Artistically utilised
39	" "	Author's Methods of Photographing Submerged Corals and Bêche-de-mer	67	" XLIII.	Barrier Reef Fishes. Giant Perch
40	" XXVIII.	Palm Island's Reef, with Submerged Sea-Urchins	68	" "	do. do. Northern Mullet
41	" XXIX.	A. Outer Barrier Reef, with Giant Clams and Bêche-de-mer	69	" "	do. do. Rock Cod
42	" "	B. Outer Barrier Reef, with Empty Shell of Giant Clam	70	" "	do. do. Taylor
43	" XXX.	A. Flotsam—Wreck of New Guinea Mission Schooner "Harrier"	71	" "	do. do. Groper
44	" "	B. Jetsam—Storm Stranded Coral Rocks, Capricorn Islands Reef	72	" "	do. do. Flathead
45	" XXXI.	Hurricane Stranded Corals, Fringing Reef, Port Denison	73	" XLIV.	do. do. Queensland Trumpeter
46	" XXXII.	Specimens of Coral-Rock Conglomerates	74	" "	do. do. Spiny Schnapper
47	" "	Specimens of Coral-Rock Conglomerates	75	" "	do. do. Spotted Dorey
48	" XXXIII.	A. Outer Barrier Reef, with Submerged Bêche-de-mer	76	" "	do. do. Black-Bat Fish
49	" "	B. Lady Elliot Island Reef, with Submerged Bêche-de-mer	77	" XLV.	do. do. Sucking Fish
50	" XXXIV.	Bêche-de-mer Small Lolly Fish	78	" "	do. do. Whiting
51	" "	Do. do. Spotted Fish and Teat Fish	79	" "	do. do. Queensland Pig-faced Bream
52	" XXXV.	A. Snake-like Bêche-de-mer	80	" "	do. do. Rifle Fish
53	" "	B. Prickly Fish	81	" "	do. do. Tobacco-Pipe Fish
			82	" "	do. do. Ox-eye Herring
			83	" XLVI.	do. do. King Fish
			84	" "	do. do. Cooktown Salmon
			85	" "	do. do. Smelt
			86	" "	do. do. Queen Fish
			87	" "	do. do. Queensland Halibut
			88	" "	do. do. Giant Herring
			89	" XLVII.	do. do. Stone Fish
			90	" "	do. do. Banded Gar Fish
			91	" "	do. do. White Trevally
			92	" "	do. do. Banded Dorey
			93	" "	do. do. Pike-Eel
			94	" XLVIII.	do. do. Pouched Leather Jacket
			95	" "	do. do. Ox-Ray, Upper Surface
			96	" "	do. do. Ox-Ray, Under Surface
			97	" "	do. do. Shovel-nosed Skate
			98	" "	do. do. Carpet Shark

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99	Plate	I. Barrier Reef Anemones	107	Plate	IX. Great Barrier Reef Corals
100	"	II. " " "	108	"	X. " " " Alcyonaria
101	"	III. Great Barrier Reef Anemones	109	"	XI. " " " Echinoderms
102	"	IV. " " " Corals	110	"	XII. Barrier Reef Trepan or Bêche-de-mer
103	"	V. " " " "	111	"	XIII. " " " Molluscs and Planarians
104	"	VI. " " " "	112	"	XIV. Great Barrier Reef Oysters
105	"	VII. " " " "	113	"	XV. " " " Fishes
106	"	VIII. " " " "	114	"	XVI. " " " "

## 8 A F F

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- |  |  |
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| <p>1 Arisey Gault, showing the Chalk resting on the Clay.</p> <p>2 The Cliffs at Sheringham, showing the underlying Chalk Bed, with layers of Flint with Clay and Shingle above.</p> <p>3 Chalk Cliffs, Flamshoro' Head.</p> <p>4 " Flamshoro' Head, Arch Rocks, Action of the Water.</p> <p>5 " at Dover.</p> <p>6 " St. Margaret's Bay.</p> <p>7 " near Margate.</p> <p>8 " near Kingsgate.</p> <p>9 " Hastings.</p> <p>10 " near Eccleshbourne.</p> <p>11 The Caves at Chislehurst, showing formation of the Chalk with Sand.</p> | <p>12 Chalk Pits at Poll Hill, near Sevenoaks.</p> <p>13 Lime Kilns at Poll Hill.</p> <p>14 Fossils from the Upper Chalk, B. Micronata, etc.</p> <p>15 " Shells from the Upper Chalk, Mid Zone.</p> <p>16 " Mid Chalk.</p> <p>17 " Grey Chalk, Lobsters, Cray Fish, etc.</p> <p>18 " Grey Chalk, Shells.</p> <p>19 " Lower Chalk Marl Fossils.</p> <p>20 Section of Hard Chalk, Photomicrograph.</p> <p>21 " Chalk from Lurgan, "</p> <p>22 " Coraline, Globigerina, etc.</p> <p>23 Foraminifera from Chalk.</p> |
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## 8 T I

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- |  |   |
|--|---|
| <p>1 The Beautiful Floscule (<i>Floscularia ornata</i>). Below the range of unassisted sight. Found in Pond water</p> <p>2 A Glass Sponge (<i>Euplectella speciosa</i>). The glass or flinty skeleton of a sponge found in the waters near the Philippine Islands. The first specimens were thought to have been the clever workmanship of the Chinese or Japanese and fetched as much as £50 apiece. Now they can be purchased for 3s. 6d.</p> <p>3 Another form of "Glass Sponge" (<i>Euplectella suberea</i>).</p> <p>4 Another Glass Sponge (<i>Euplectella cucumer</i>)</p> <p>5 A Glass Sponge (<i>Regadella Phoenix</i>)</p> <p>6 " (<i>Euplectella aspergillum</i>)</p> <p>7 " (<i>Euplectella Joris</i>)</p> <p>8 Sponge Spicules (Microscopic)</p> <p>9 A thin section of the Spike of a Sea-Urchin, <math>\frac{1}{16}</math>th of an inch in diameter</p> <p>10 Transverse sections of Spikes of Sea-Urchins. Enlarged</p> <p>11 Parts of Sea-Urchin. Reduced</p> <p>12 The Echinus, or Sea-Urchin. The Spikes removed</p> <p>13 Some of Nature's Fireworks. Organisms which cause the phosphorescence of the Sea</p> <p>14 Globigerina hulloids. Very greatly magnified. "Atlantic Ooze" from a depth of 2½ miles</p> <p>15 A thin Slice of Chalk. Very greatly magnified</p> <p>16 Polycystina. The composition of the Rocks of Barbados. Enlarged several hundred diameters</p> <p>17 Polycystina, Island of Barbados. Enlarged many hundred diameters</p> <p>18 Radiolaria, Challenger Series</p> <p>19 " " " (<i>Tuscarora</i>)</p> <p>20 " " " "</p> <p>21 " " " "</p> <p>22 " " " "</p> <p>23 " " " "</p> <p>24 " " " "</p> <p>25 " " " "</p> <p>26 " " " "</p> <p>27 " " " "</p> <p>28 " " " "</p> <p>29 " " " "</p> <p>30 " " " "</p> <p>31 " " " "</p> <p>32 " " " "</p> | <p>33 A Radiolarian, Challenger Series</p> <p>34 Triceratium. A Diatom enlarged several hundred diameters</p> <p>35 Helicopelta. Enlarged several hundred diameters</p> <p>36 Coscinodiscus radiatus. A Diatom enlarged several hundred diameters</p> <p>37 Eggs of a tiny Moth. Enormously magnified</p> <p>38 Foraminifera. Greatly enlarged</p> <p>39 (A) Emericite Limestone</p> <p>40 (B) Nummulite Limestone</p> <p>41 (C) Coraline Limestone</p> <p>42 Dimlingia, Fresh-water Rhizopods (after Leidy). Ranging from the <math>\frac{1}{100}</math>th to the <math>\frac{1}{250}</math>th of an inch in diameter</p> <p>43 Nehela, Fresh-water Rhizopods (after Leidy). All are below the <math>\frac{1}{50}</math>th of an inch in diameter</p> <p>44 Hyalosphenia papilio (after Leidy). Ranging from <math>\frac{1}{100}</math>th of an inch to the <math>\frac{1}{250}</math>th of an inch</p> <p>45 Clathrulina elegans, Fresh-water Rhizopods (after Leidy) Diameter <math>\frac{1}{100}</math>th of an inch</p> <p>46 Arcella, Fresh-water Rhizopods (after Leidy) From <math>\frac{1}{100}</math>th of an inch to <math>\frac{1}{250}</math>th of an inch</p> <p>47 Cyphoderia, Fresh-water Rhizopods (after Leidy) <math>\frac{1}{250}</math>th of an inch in diameter</p> <p>48 Coral Polyps</p> <p>49 Corals with extended Polyps</p> <p>50 Madreporos. (South Kensington Natural History Museum)</p> <p>51 Madrepora cytherea</p> <p>52 Building Rotifer (<i>Meliceria ringens</i>) <math>\frac{1}{50}</math>th of an inch in length</p> <p>53 Volvox Globator <math>\frac{1}{50}</math>th of an inch in diameter</p> <p>54 Snow Crystals</p> <p>55 Crystals formed by breathing on a window during frost. The photograph, taken through the microscope by Dr. Maddox, embraced only <math>\frac{1}{50}</math>th of an inch</p> <p>56 A small portion of Eye of Water Beetle (<i>Dytiscus marginatus</i>). Enormously magnified</p> <p>57 A small portion of Eye of House-fly</p> <p>58 A portion of a Blow-fly's Proboscis. Enormously magnified</p> <p>59 Four Flints, showing Silicified Sponges, known as "Choanites"</p> <p>60 Silicified Sponges in Flint</p> <p>61 A Glass Sponge fossilised in Chalk. <i>Guetardina stellata</i> (Michelin) <i>Brachiolites angularis</i> (Toulmin Smith)</p> |
|--|---|

## EDUCATIONAL SERIES OF SLIDES—Continued,

## A Z

## ELEMENTARY BOTANY.

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Arranged by F. Timbrell, Esq., A.K.C.

Text Books, Thomas' Botany, 6s.; Edmonds' Botany, 1s. 6d.

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## THE ROOT.

- 1 Varied forms assumed by Root
- 2 Its endogenous nature, its cap and hairs
- 3 Development in a mono, and a dicotyledon
- 4 and 5 T.S. (two) of Ranunculus acris, showing the centripetal formation of wood

## THE STEM.

- 6 Subterranean and prone forms
- 7 Diagram of dicotyledon
- 8 " " monocotyledon
- 9 T.S. of dicotyledon
- 10 L.S. "
- 11 T.S. of monocotyledon
- 12 " " Dracaena, showing formation of new vascular bundles from extra fascicular cambium

## THE LEAVES.

- 13 Simple entire
- 14 " " divided
- 15 Compound
- 16 Particular forms of leaf
- 17 Arrangement of leaves on stem
- 18 T.S. through stomata into intercellular spaces
- 19 Estivation
- 20 Vernation

## THE FLOWER.

- 21 Perfect, pistillate, staminate, and neuter flowers
- 22 The floral diagram
- 23 The calyx, various form of
- 24 " corolla " " "
- 25 " stamen " " "
- 26 " pollen " " "
- 27 " pistil " " "

## THE INFLORESCENCE.

- 28 Definite
- 29 Indefinite

## SUBSIDIARY ORGANS.

- 30 Hairs, unicellular—multicellular
- 31 Spines, prickles, phylloides, phylloclades

## THE FRUIT.

- 32 Indehiscent and diagram to illustrate dehiscent
- 33 Dehiscent
- 34 Development of Arillus of Yew

## THE SEED.

- 35 Position of ovule in ovary and embryo in endosperm
- 36 Comparison of mono, and dicotyledon
- 37 Fertilisation of an angiosperm
- 38 " " a gymnosperm

## THE CELL AND VESSEL

- 39 Variety in shape
- 40-41 Thickening of walls
- 42 Special marking on cell walls
- 43 Its contents (A) Chlorophyll; circulation, rotation occurrence in bands
- 44 " " (B) Starch Aleurone, *in situ*
- 45 " " (C) Crystals
- 46 Conjugation, multiplication, and free cell formation
- 47 Sieve tubes, utricular and laticiferous vessels
- 48 Cells with contents of varying density

## THE TISSUES.

- 49 Parenchyma, prosenchyma, and collenchyma
- 50 Resin passage

## BA

## AGRICULTURAL BOTANY.

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## Roots.

- 1 Growing Tip of Root of Barley, long. sect.
- 2 Trans. Sect. Root of Maize, showing root hairs
- 3 Trans. Sect. Root of Maize, showing branching
- 4 Trans. Sects. Root, Enlarging Turnip
- 5 Trans. Sect. Stem of Host, showing sucker roots of Dodder Cuscuta Trifolia

## Stems.

- 6 Trans. Sect. Stem of Oat
- 7 " " Bean
- 8 Long. Sect. Stem of Bean
- 9 " " " Bud of Lime Tree

## Leaf.

- 10 Vert. Sect. of Leaf (a) Bean

- 11 Vert. Sect. of Leaf (b) Oat
- 12 " " of Leaf (c) Cabbage, white

## Flowers.

- 13 Trans. Sect. of an Anther
- 14 " " of an Ovary of Potato

## Fruits and Seeds.

- 15 Vert. Sect. of a grain of Oat, showing Embryo and Endosperm
- 16 Trans. Sect. of Cotyledon of Pea
- 17 Embryo of Oat, Trans. Sect.
- 18 Seed of sweet Vernal Grass

## General Structure.

- 19 Long. Sect. Stem Lettuce, to show milk tubes

- 20 Sect. stem Vegetable Marrow to show sieve plates
- 21 Epidermis of leaf of grass, to show stomata
- 22 Stinging hairs of nettles
- 23 Section of Potato, cells containing starch and cork cells of rind
- 24 (a) Rust
- 25 (b) Mildew on Stem of Wheat
- 26 Barberry *Aegidium Berberides*
- 27 Club Root in Turnips, showing enlargement of cells
- 28 Ergot of Rye, *Claviceps purpurea*
- 29 Smut of Wheat, *Ustilago Septium*
- 30 Potato disease, Fungus on leaf, *Peronospora infestans*

## BB

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- 8 Favourite Turnip (Yellow fleshed)
- 9 All the Year Round Turnip

- 10 Imperial Green Globe Turnip
- 11 Purple-top Mammoth Turnip
- 12 Red Paragon Turnip
- 13 Pomeranian White Globe Turnip
- 14 Crimson King Swede
- 15 Champion Purple-top Swede
- 16 Champion Short-top Kohl Rabi
- 17 White Belgian and Red Intermediate Carrot
- 18 Early Ox-heart, Imperial, and Thousand-headed Cabbage

- 19 Improved Thousand-headed Cabbage or Kale
- 20 Early Drumhead Cabbage, Improved Large Late Drumhead Cabbage, Drumhead Savoy
- 21 Improved Yellow Intermediate Grand White Belgian and Long Red Altringham Carrots

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## B C

## POTATO DISEASE.

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The first four slides in this set are direct photographs of experiments made by the Warminster County Councils.

- 1 Plot of Potatoes, October, 1892, sprayed with Sulphate of Copper and Lime Dressing, 160 gallons to the acre, in July and August
- 2 Plot of Potatoes, October, 1892, not dressed
- 3 1 Perch of Potatoes (Imperators), half perch dressed, and half perch not dressed, October, 1892
- 4 Heaps of Potatoes, showing actual results of above experiments. Dressed, 209 lbs., Undressed, 177 lbs.
- 5 Sections of diseased and healthy Potatoes, and surfaces of diseased and healthy leaves
- 6 Fungus on Leaf, *Peronospora infestans*. Vert. Sect.

## B D

## EFFECTS OF MANURES.

These slides are made from a series of photographs of actual specimens grown with various manures, and mostly contain from four to eight samples in each slide.

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- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Wheat. Experiment with and without Nitrogenous Manures</li> <li>2 Barley. " " " "</li> <li>3 Peas. " " " "</li> <li>4 Oats. " " " "</li> <li>5 Oats. Experiments with Green Manures</li> <li>6 Peas and Oats. Experiments with and without Potash, Phosphoric Acid, and Nitrogen for comparison</li> <li>7 Vetches. Experiments with and without Potash, Phosphoric Acid, and Nitrogen</li> <li>8 Peas and Wheat. Yield of Experiments, with and without various manures</li> <li>9 Summer Rye. Experiments with and without Superphosphate, in autumn and spring</li> <li>10 Summer Rye. Experiments with and without Phosphate Powder, in autumn and spring</li> <li>11 Barley. Experiments with and without Superphosphate and Phosphate Powder</li> <li>12 Barley. Yield of experiments shown in slide No. 11</li> <li>13 Barley. Manurial Experiment on a Loamy Soil. (1) without Phosphoric Acid. (2) With Phosphoric Acid as Superphosphate. (3) With Phosphoric Acid as finely-pulverised Thomas' Phosphate</li> <li>14 Buckwheat and Peas. Experiments with Phosphoric Acid and Potash</li> <li>15 Oats. Green Manuring Experiments</li> <li>16 " Yield of experiments with and without Green Manures</li> <li>17 " Illustrating the Influence of Phosphatic Manuring on the Utilization of Nitrate Nitrogen</li> <li>18 " Experiments with and without Phosphoric Acid in different forms</li> <li>19 Experiments with and without Superphosphate</li> <li>20 Crop of Oats. Yield of experiments with various manures on (1) Clay Soil. (2) Soil rich in Humus</li> <li>21 Crop of Oats and Barley. Yield of experiments with and without Phosphoric Acid on Clay Soil</li> </ol> | <ol style="list-style-type: none"> <li>22 Vetches and Wheat. Yield of experiments with and without Potash, Phosphoric Acid, and Nitrogen</li> <li>23 Wheat. Experiments with (1) No Manure. (2) Potash and Phosphoric Acid. (3) Potash, Phosphoric Acid and Nitrogen</li> <li>24 Maize. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>25 Hemp. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>26 Tobacco. Manurial Experiments with Nitrogen and Superphosphate, and Nitrogen and Phosphate of Potash</li> <li>27 Beetroot. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>28 Carrots. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>29 Do. as above, showing roots</li> <li>30 Field Beans. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>31 Peas. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>32 Potatoes. Manurial Experiments with Phosphoric Acid, Potash, and in addition, Nitrogen as Nitrate of Soda</li> <li>33 Clover. Experiments with and without Phosphoric Acid in form of Superphosphate and Thomas' Phosphate Powder</li> <li>34 Fuchsia. Manurial Experiments in Hot-bed Soil. Without Nutritive Salt Mixture and with small and larger quantities of Albert's Highly Concentrated Horticultural Mixture</li> <li>35 Geraniums in Hot-bed Soil. Manurial Experiments with and without Albert's Highly Concentrated Horticultural Mixture</li> </ol> |
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## B E

## NITRIFYING ORGANISMS IN SOILS.

*Plain Photographs, 1s. each.*

Photo-Micrographs by Prof. S. Winogradsky, of St. Petersburg.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1 Nitrous organism in soil from Zurich (Zoogloea stage) X 1,000</li> <li>2 Nitrous organism in soil from Zurich (Zoogloea stage) X 1,000</li> <li>3 Nitrous organism in soil from Zurich (mobile stage) X 1,000</li> <li>4 Nitrous organism in soil from Java X 1,000</li> </ol> | <ol style="list-style-type: none"> <li>5 Nitrous organism in soil from Java (mobile stage), X 1,000</li> <li>6 Nitrous organism in soil from Kazan Russia X 1,000</li> <li>7 Nitrous organism in soil from Gennevilliers (grown on milked jelly) X 1,000</li> <li>8 Nitrous organism in soil from Quito (Coccus) X 1,000.</li> <li>9 Nitric organism in soil from Quito X 1,000</li> <li>10 Nitric organism in soil from St. Petersburg</li> <li>11 Nitric organism in soil from Bonn</li> </ol> |
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6 Nitrogen in the Produce of Beans, per acre per annum  
7 Produce of Red Clover (as Hay), on ordinary arable land  
8 Produce of Red Clover (Hay and Constituents), on rich Garden-soil
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11 (2) Barley, produce per acre; 11 courses  
12 (3) Clover or Beans, produce per acre; 11 courses  
13 (4) Wheat, produce per acre; 11 courses  
14 (5) Average produce, and yield of Nitrogen per acre per annum; 8 courses
- No. 15—Photographs of Roots (Swedish Turnips), grown in Rotation without Manure, with Mineral Manure, and with Mineral and Nitrogenous Manure
- Nos. 16, 17 and 18—Photographs of various Leguminous plants, grown in Experiments on the Fixation of Free Nitrogen:—  
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17 Peas; grown in pits  
18 Sainfoin; grown in pits
- No. 19—Table of Results relating to Nos. 17 and 18
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24 Botanical Composition of the Herbage  
25 Summary of the Botanical Composition, per cent., per acre, &c.  
26 Summary of the Chemical Composition of the Produce, per acre
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- No. 30—Plan of the Plots in Barnfield, on which the experiments with Root-crops have been made
- No. 31—Plan of the Plots in Hoosfield, on which Experiments have been made:—  
(1) On Barley, commencing 1853  
(2) On Leguminous Crops, commencing 1849  
(3) On Alternate Wheat and Fallow, commencing 1851  
(4) On Potatoes, commencing 1876
- No. 32—Plan of the Plots in Broadbalk-field, on which Wheat has been grown for more than 50 years in succession, commencing 1834-4
- No. 33—Plan of the Plots in Agdell Field, on which Experiments on Four-Course Rotation have been made, commencing 1848
- No. 34—Plan of the Plots in the Park, on which experiments have been made on the Mixed Herbage of Permanent Grass-land, commencing 1856
- No. 35—Photographs and Plans of the Rothamsted Laboratory
- No. 36—Photographs and Plan of the Rothamsted Sample House
- No. 37—Coloured Drawing and Description of the Rothamsted Rain gauges
- No. 38—Coloured Drawing and Description of the Rothamsted Drain gauges
- No. 39—Table showing the Rainfall at Rothamsted, measured in a gauge one-thousandth of an acre area—40 Harvest-years, 1853-3 to 1891-2
- No. 40—Table showing the Rainfall; also the amount of Percolation through Drain-gauges, containing, respectively, 30 inches, 40 inches, and 60 inches, depth of Unmanured, and uncropped Soil and Subsoil, in natural state of consolidation—22 Harvest-years 1870-1 to 1891-2
- No. 41—Table showing the loss of Nitrogen (as Nitrates), respectively through 30 inches, 40 inches, and 60 inches depth of Soil and Subsoil, also the loss of Nitrogen calculated as Nitrate of Soda—15 Harvest-years 1877-8 to 1891-2
- No. 42—Table showing the amounts of Nitrogen supplied in Manure, and estimated to be recovered in Increase of Crop, lost in Drainage, accumulated as Crop-residue in the surface-soil, and not so accounted for, in the case of differently manured Wheat plots—averages per acre per annum for 30 Harvest-years, 1851-2 to 1880-1
- No. 43—Table illustrating the loss of Nitrogen; as Nitrates, in a wet autumn and winter, in the drainage from the differently manured Wheat plots in Broadbalk-field; also the loss calculated as Nitrate of Soda; Season 1891-2, 49th year of the Wheat experiments
- No. 44—Coloured Diagrams illustrating the results of Experiments on the Feeding of Animals; showing the proportions of Nitrogenous, of Non-nitrogenous, and of Total Organic Substance consumed—I. Per 100 lb. Live-weight per week.  
II. To Produce 100 lb. Increase in Live-weight.

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| 1 Asparagus. Bunch of Sutton's Perfection   | 21 Mushroom. Showing bed in mushroom house.  |
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| 3 Dwarf Beans. Single plant of Sutton's Triumph   | 23 Onion. A bunch of Sutton's Improved Queen   |
| 4 Runner Beans. Cluster of pods of the climbing French Bean, Sutton's Tender and True, and a cluster of pods of Sutton's Scarlet, showing relative sizes                | 24 " " Two specimens of the Sutton Globe and 3 specimens of Sutton's A1, showing comparative sizes and form, and are reproduced on the same scale as No. 28 (Sutton's Improved Queen)            |
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| 6 " " Sutton's Drumhead, and Sutton's Arctic Green and Purple   | 26 " " Pods of Sutton's Exhibition Marrowfat and Yorkshire Hero, showing comparative sizes, and pods of Sutton's Bountiful   |
| 7 Brussels Sprouts. Sutton's Exhibition, Sutton's Dwarf Gem, and Sutton's Matchless, the three varieties showing relative height and character                          | 27 " " Pods of Sutton's Early Marrowfat and Prince of Wales, showing comparative sizes   |
| 8 Broccoli. Two specimens each of Sutton's Superb Early white, and Sutton's Late Queen  | 28 " " Growing plants in pot of Sutton's Seedling Marrowfat, showing suitability for forcing   |
| 9 Cabbage. Portion of a plot of Sutton's Earliest, and 3 plants of Sutton's Imperial  | 29 " " Pods of Sutton's Empress of India, and Sutton's Late Queen  |
| 10 Carrots. Sutton's New Red Intermediate, bunch of 5, compared with two specimens of James' Scarlet Intermediate, showing proportionate size                           | 30 " " Pods of Sutton's Early Marrowfat and Sutton's Windsor Castle  |
| 11 Carrots. Sutton's Early Gem, bunch of 3, and Sutton's Champion Horn, bunch of 12, showing relative sizes   | 31 " " Pods of Sutton's Perfection and Sutton's Magnum Bonum   |
| 12 Capsicum and Chili. Sutton's Coral Red, Sutton's Mammoth Long Red, and East India Cayenne Chili, Sutton's Erect fruiting, Golden Dawn, and Mammoth Long Red Capsicum | 32 " " Sutton's A1 (wrinkled) and Sanger's No. 1, pods showing comparative sizes   |
| 13 Cauliflower. Two specimens each of Sutton's Autumn Mammoth, and Sutton's Magnum Bonum  | 33 " " Illustrating the process of handpicking peas for seed   |
| 14 Lettuce. Plot showing Sutton's Favourite Cabbage and Sutton's Mammoth White Cos in growth  | 34 Savoy. Sutton's Dwarf Green Curled, single plant  |
| 15 Lettuce. Three Plants of Sutton's White Heart Cos  | 35 Turnip. Sutton's Early Snowball, several specimens and basket   |
| 16 Marrow. Group of 5 varieties. Sutton's Long White, Sutton's Long Green, Sutton's Vegetable, Long Cream and Pen-y-byd, showing comparative sizes                      | 36 Tomato. A bunch of six specimens of Sutton's Perfection and bunch of 32 fruits of Sutton's Golden Nugget, illustrating the two most dissimilar types of tomato, and showing comparative sizes |
| 17 Melon. Single fruit of Sutton's Hero of Lookinge.  | 37 Potato. Sutton's Satisfaction and Sutton's Early Regent in baskets  |
| 18 " " Single fruit with slice removed of Sutton's Scarlet  | 38 " " Sutton's Magnum Bonum and Sutton's Windsor Castle in baskets  |
| 19 " " Single fruit with slice removed of Sutton's Royal Favourite  | 39 " " Sutton's A1 in basket   |
| 20 " " Photograph of a growing crop of Sutton's Royal Favourite, in Melon house at the Royal Gardens, Windsor   | 40 " " Illustrating the process of handpicking potatoes for seed   |
|   | 41 First Prize Exhibit, Royal Caledonian Horticultural Society's Show, September, 1906.  |
|   | 42 Sutton's Globe Beet.  |
|   | 43 Sutton's Perfection Beet.   |
|   | 44 Sutton's Cascade Tomato.  |

**U Q**

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| 4 Blood Red Garden Beet                     | 17 Imperial Garden Cabbage          | 33 Garden Peas. Nonpareil Marrow       |
| 5 Broccoli, Superb Early White              | 18 Short Carrot, Inimitable Forcing | 34 Garden Peas. Nonsuch                |
| 6 Snow-White Broccoli                       | 19 Carrot. Scarlet. Intermediate    | 35 Lord Roberts. Garden Peas           |
| 7 Brussels Sprouts. Sutton's Exhibition     | 20 Cauliflower. Purity              | 36 Duchess of York. Garden Peas        |
| 8 Broad Beans. Green Giant                  | 21 Pigmy Chili                      | 37 Potatoes. Invincible                |
| 9 Giant Windsor Broad Beans                 | 22 New Cucumber. Lord Roberts       | 38 Potatoes. Satisfaction              |
| 10 Climbing French Bean. Earliest of All    | 23 Giant Hemp                       | 39 Potatoes. Triumph                   |
| 11 Princess of Wales. French Climbing Beans | 24 Arctic Kale                      | 40 Radish. Earliest of All             |
| 12 Dwarf French or Kidney Beans, Perfection | 25 Extra Curled Scotch Kale         | 41 Long Radish. Earliest Frame         |
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|   | 27 Cos Lettuce. White Heart         | 43 Turnip. White Gem                   |
|   | 28 Cos Lettuce. Mammoth White       | 44 A Potato. (Messrs Cannell and Sons) |
|   | 29 Marrow. Perfection               |  |

EDUCATIONAL SERIES OF SLIDES—*Continued.*

## B I

## PASTURE GRASSES.

This series has been arranged by Martin J. Sutton, Esq., of Reading, Fellow of the Linn. Soc. and Member of the Councils of the Royal Agricultural Society and Bath and West and Southern Counties Society, and the slides are taken from the fine illustrations in his work on "Permanent and Temporary Pastures."

The odd numbers in the following list show the whole plant, root, stem and flower; while the even numbers give a description of the grass and a magnified drawing of the seed with and without chaff.

Text-Book, "Permanent and Temporary Pastures," price 5s. and 21s. Simpkin & Co.

*Beautifully Painted, 4s. 6d. ; Plain Photographs, 1s. each.*

- |    |   |    |  |
|----|---|----|--|
| 1  | <i>Agrostis Alba</i> —var. <i>stolonifera</i> ( <i>Flurin or Creeping, Bent Grass</i> ) | 23 | <i>Lolium perenne</i> ( <i>Perennial Rye Grass</i> )                 |
| 2  | " " Seed and Description  | 24 | " " Seed and Description   |
| 3  | <i>Alopecurus pratensis</i> ( <i>Meadow Foxtail</i> )                                   | 25 | <i>Lolium italicum</i> ( <i>Italian Rye Grass</i> )                  |
| 4  | " " Seed and Description  | 26 | " " Seed and Description   |
| 5  | <i>Anthoxanthum odoratum</i> ( <i>Sweet-scented Vernal</i> )                            | 27 | <i>Phleum pratense</i> ( <i>Timothy or Meadow Cat-tail</i> )         |
| 6  | " " Seed and Description  | 28 | " " Seed and Description   |
| 7  | <i>Avena flavescens</i> ( <i>Yellow Oat Grass</i> )                                     | 29 | <i>Poa Pratensis</i> ( <i>Smooth-stalked Meadow Grass</i> )          |
| 8  | " " Seed and Description  | 30 | " " Seed and Description   |
| 9  | <i>Cynosurus cristatus</i> ( <i>Crested Dogtail</i> )                                   | 31 | <i>Poa Trivialis</i> ( <i>Rough-stalked Meadow Grass</i> )           |
| 10 | " " Seed and Description  | 32 | " " Seed and Description   |
| 11 | <i>Dactylis Glomerata</i> ( <i>Rough Cock-foot</i> )                                    | 33 | <i>Poa nemoralis sempervirens</i> ( <i>Evergreen Meadow Green</i> )  |
| 12 | " " Seed and Description  | 34 | " " Seed and Description   |
| 13 | <i>Festuca pratensis</i> ( <i>Meadow Fescue</i> )                                       | 35 | <i>Trifolium repens perenne</i> ( <i>Perennial White Clover</i> )    |
| 14 | " " Seed and Description  | 36 | " " Botanical description  |
| 15 | <i>Festuca elatior</i> —var. <i>tertilis</i> ( <i>Tall Fescue</i> )                     | 37 | <i>Trifolium pratense</i> ( <i>Red, or Broad Clover</i> )            |
| 16 | " " Seed and Description  | 38 | " " Botanical description  |
| 17 | <i>Festuca heterophylla</i> ( <i>Various-leaved Fescue</i> )                            | 39 | <i>Trifolium pratense perenne</i> ( <i>Perennial Red Clover</i> )    |
| 18 | " " Seed and Description  | 40 | " " Botanical description  |
| 19 | <i>Festuca ovina tenuifolia</i> ( <i>Fine-leaved Sheep's Fescue</i> )                   | 41 | <i>Trifolium hybridum</i> ( <i>Alsike Clover</i> )                   |
| 20 | " " Seed and Description  | 42 | " " Botanical description  |
| 21 | <i>Festuca duriuscula</i> ( <i>Hard Fescue</i> )  | 43 | <i>Medicago lupulina</i> ( <i>Common Yellow Clover, or Trefoil</i> ) |
| 22 | " " Seed and Description  | 44 | " " Botanical description  |
|    |   | 45 | <i>Achillea millefolium</i> ( <i>Yarrow, or Milfoil</i> )            |
|    |   | 46 | " " Botanical description  |

## B H

## INJURIOUS GRASSES AND WEEDS.

This series, like the "Pasture Grasses," has been produced from a set of original drawings under the instructions of Martin J. Sutton, Esq., Fellow of the Linnæan Society and Member of the Councils of the Royal Agricultural Society and Bath and West and Southern Counties Society.

*Beautifully Painted, 4s. 6d. ; Plain Slides, 1s. each.*

## GRASS WEEDS.

- |   |   |    |  |
|---|---|----|--|
| 1 | <i>Briza media</i> ( <i>Quaking Grass</i> )                     | 6  | <i>Aira (Deschampsia) cespitosa</i> ( <i>Tussock Grass</i> ) |
| 2 | <i>Alopecurus geniculatus</i> ( <i>Floating Foxtail Grass</i> ) | 7  | <i>Molina caerulea</i> ( <i>Purple Heath Grass</i> )         |
| 3 | <i>Bromus erectus</i> ( <i>Erect Brome Grass</i> )              | 8  | <i>Festuca myuros</i> ( <i>Barren Fescue Grass</i> )         |
| 4 | <i>Bromus mollis</i> ( <i>Soft Brome Grass</i> )                | 9  | <i>Avena pubescens</i> ( <i>Soft Oat Grass</i> )             |
| 5 | <i>Triticum (Agropyrum) repens</i> ( <i>Couch Grass</i> )       | 10 | <i>Holcus lanatus</i> ( <i>Yorkshire Fog Grass</i> )         |

## MISCELLANEOUS WEEDS.

- |    |   |    |   |
|----|---|----|---|
| 11 | <i>Tussilago farfara</i> ( <i>Coltsfoot</i> )               | 17 | <i>Rumex acetosella</i> ( <i>Sheep's Sorrel</i> )         |
| 12 | <i>Poterium sanguisorba</i> ( <i>Common Burnet</i> )        | 18 | <i>Rumex acetosa</i> ( <i>Common Sorrel</i> )             |
| 13 | <i>Plantago lanceolata</i> ( <i>Plantain or Ribwort</i> )   | 19 | <i>Conium maculatum</i> ( <i>Hemlock</i> )                |
| 14 | <i>Rumex obtusifolius</i> ( <i>Field Dock</i> )             | 20 | <i>Rhinanthus crista-galli</i> ( <i>Yellow Rattle</i> )   |
| 15 | <i>Cuscuta trifolii</i> ( <i>Clover Dodder</i> )            | 21 | <i>Centaurea nigra</i> ( <i>Knapspeed or Black Head</i> ) |
| 16 | <i>Anthemis otula</i> ( <i>Fetid Mayweed or Chamomile</i> ) |    |   |

## EDUCATIONAL SERIES OF SLIDES—Continued.

**BO FRUIT TREE CULTIVATION.**

The following photographs were taken by the kind permission of Mr. Francis Rivers, at his Nursery, Sawbridgeworth.

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- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1 Grafting, Stock, Graft, Graft Cut, Graft inserted in Stock</li> <li>2 Budding, Stock, Bud cut for inserting, Bud inserted, Bud tied in</li> <li>3 Pruning a Pyramid Pear Tree</li> <li>4 Maiden Cherry, 1 year old</li> <li>5 Maiden Plum, 2 years old</li> <li>6 Maiden Pear Tree</li> <li>7 Pyramid Pear</li> <li>8 " " in Fruit in Pot</li> <li>9 " Pears, "Conference" and "Pitmaster Duchess"</li> <li>10 Bush Pear in Fruit</li> <li>11 Goblet-shaped Pear Tree in Fruit</li> </ol> | <ol style="list-style-type: none"> <li>12 Diagonal Trained Pear in Fruit</li> <li>13 Horizontal Trained Pear Tree</li> <li>14 Fan Trained Plum</li> <li>15 Upright Trained Apple, 5 Branches</li> <li>16 Pyramid Apple Trees in Fruit in Pots</li> <li>17 Standard Apple, 3 years old</li> <li>18 " Pear "</li> <li>19 " Plum "</li> <li>20 Peach Trees, one year, pruned; and two years after pruning</li> <li>21 Pyramid Peach grown in pot, 30 years old with 120 Peaches on it</li> <li>22 Half Standard Peach</li> <li>23 Bush Peach in Fruit</li> </ol> |
|--|---|

**BK HOPS AND HOP CULTURE.**

*Photographs from Life.*

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**The Plant.**

- 1 Hops, Fuggles Goldings
- 2 Fuggles Goldings
- 3 Hops trained on the upright system on Poles (the old method)
- 4 Hops trained on slanting string and horizontal wires

**Implements used for Culture**

- 5 The Ploughs
- 6 " Hop Washer
- 7 " Sulphurator
- 8 Hoes

**Spring and Winter Work.**

- 9 Hop Netting put up to shelter the hops
- 10 Alley struck up
- 11 Feeding and pigs making dung
- 12 Washing Hops
- 13 Sulphuring Hops

**Arrival of Hop Pickers.**

- 14 Huts for the Pickers
- 15 Pickers in experimental plot A
- 16 " in Plot B
- 17 " " C
- 18 " " D
- 19 "

- 20 Children resting
- 21 Dog watching the Pokes
- 22 Pole-puller
- 23 Hop Bin
- 24 Measuring Hops out of the Bin
- 25 Tallying Hops
- 26 Weighing Hops from the experimental plots
- 27 Loading Waggon
- 28 Waggon arriving at the Oast House
- 29 Hops put on the Rack ready for next drying
- 30 The old Oast House with open fireplace
- 31 " new " " " Cockles " furnace
- 32 Drying, sifting, and pressing room in the Oast
- 33 Hop Sample and Mate drawing samples
- 34 Hops being loaded into trucks at the station
- 35 Hop Garden stripped
- 36 Poles stacked
- 37 Hop Garden with permanent poles and wire work

**Diseases**

- 38 Hop Aphis (green fly) *Aphis humuli*. Pupa at early stage, also showing wing cases, Male Aphis, Female, wingless form
- 39 Red Spider
- 40 Mould
- 41 Insect in fungus

**Remedial Substances.**

- 42 Quassia. Splitting logs for Quassia chips

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## EDUCATIONAL SERIES OF SLIDES—Continued.

## B M

## FLOWERS.

## A Series of Direct Photographs.

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- |  |   |   |
|--|---|---|
| 1 Arum Lily, <i>Dieffenbachia Speciosa</i>     | 23 Narcissus, Primula, Tulip, and Azalea  | 46 Freesia  |
| 2 Azalea Wreath of, with motto "Welcome"       | 24 Orchid   | 47 Gilia Dichotoma  |
| 3 " arranged in Vase                           | 25 Primroses  | 48 Nicotiana Sylvestris   |
| 4 " Freesia, and White Roman Hyacinth          | 26 " Chinese  | 49 Pampas Grass   |
| 5 " Narcissus and Freesia                      | 27 Primula  | 50 Large Flowering Pentstemon   |
| 6 Cineraria                                    | 28 " Coloured   | 51 Dwarf White Pearl Petunia  |
| 7 " arranged in Bowl                           | 29 " arranged in Bow  | 52 Gem Phlox Drummondii   |
| 8 " arranged in Vase                           | 30 Roses  | 53 Superb Double Pink   |
| 9 " arranged in a tall Vase                    | 31 Snowdrops  | 54 Double Giant Poppy   |
| 10 Cyclamen                                    | 32 Tulips   | 55 White Star Primula   |
| 11 " Tulips and White Roman Hyacinth           | 33 " in Vase  | 56 Mont Blanc Star Primula  |
| 11a Dahlias in Vase                            |   | 57 Large Flowered Salpiglossis  |
| 12 Hyacinths                                   | The following are published by the kind permission of MESSRS. SUTTON AND SONS, Reading. | 58 Statice Incana. Silver Cloud   |
| 13 White Roman Hyacinth                        | 34 Superb Achimenes   | 59 Thalictrum Adiantifolium   |
| 14 Imatophydam Miniaturum                      | 35 Imperial Dwarf Blue Ageratum   | 60 Chamaepeuce Discantha (Fish Bone Thistle)                                  |
| 15 Lilies of the Valley                        | 36 St. Bridg's Anemone  | 61 Giant White Verbena  |
| 15a Lillium Auratum                            | 37 Antirrhinum  | 62 Double Zinnia  |
| 16 Narcissus, Wreath of, with motto "Interval" | 38 Snowball Aster   | The following are published by the kind permission of MESSRS. CANNELL & SONS. |
| 17 Narcissus                                   | 39 Canterbury Bells   | 63 Cineraria  |
| 18 " and Azalea                                | 40 Pure White Marguerite Carnation  | 64 "  |
| 19 " Lilies of the Valley, and Trifolia        | 41 Double Salmon Clarkia Carnation  | 65 "  |
| 20 " and Polyanthus                            | 42 Convolvulus Major  | 66 "  |
| 21 " and Primulas                              | 43 Michaelmas Daisy   | 67 "  |
| 22 " Primula, Tulip, and Azalea                | 44 Delphinium Hybridum  | 68 Primula  |
|  | 45 Brilliant Fringed Dianthus   | 69 Primulas   |
|  |   | 70 New Cactus Dahlia  |
|  |   | 71 Daisies open (day)   |
|  |   | 72 " closed (night)   |

## A B R

## ALPINE PLANTS—FIRST SERIES.

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|---|---|--|
| 1 Narcissus-flowered Anemone. <i>Anemone Narcissiflora</i> , L. | 22 Yellow Mountain Saxifrage. <i>Saxifraga aizoides</i> .                       | 41 Rock Speedwell. <i>Veronica Saxatilis</i> , Jacq.                 |
| 2 Alpine Anemone. <i>Anemone Alpina</i> .                       | 23 Rough Saxifrage. <i>Saxifraga Aspera</i> .                                   | 42 Whorled Lousewort. <i>Pedicularis Verticillata</i> .              |
| 3 Yellow Anemone. <i>Anemone Sulcata</i> .                      | 24 Furrowed Saxifrage. <i>Saxifraga Exarata</i> , Vill.                         | 43 Dull Red Lousewort. <i>Pedicularis Recutita</i> .                 |
| 4 The Spring Anemone. <i>Anemone Vernalis</i> .                 | 25 Large Astrantia. <i>Astrantia Major</i> .                                    | 44 Tuberos Lousewort. <i>Pedicularis Tuberosa</i> .                  |
| 5 Pyrenean Crowfoot. <i>Ranunculus Pyrenaeus</i> .              | 26 Alpine Coltsfoot. <i>Homogyne Alpina</i> .                                   | 45 Leafy Lousewort, x $\frac{1}{2}$ . <i>Pedicularis Foliosa</i> .   |
| 6 Aconite - leaved Crowfoot. <i>Ranunculus Aconitifolius</i> .  | 27 Mountain Everlasting, or Cat's - foot. <i>Antennaria Dioica</i> , Gartn.     | 46 Yellow Lousewort. <i>Pedicularis Ederi</i> .                      |
| 7 Alpine Crowfoot. <i>Ranunculus Alpestris</i> .                | 28 Musk Milfoil. <i>Achillea Millefolium</i> , Wulf.                            | 47 Alpine Bartsia. <i>Bartsia Alpina</i> .                           |
| 8 Globe Flower. <i>Trollius Europaeus</i> .                     | 29 Glacial Aronic. <i>Aronicum Glaciale</i> , Rehb.                             | 48 Common Butterwort. <i>Pinguicula Alpina</i> , Carr.               |
| 9 Two-flowered Violet, x $\frac{1}{2}$ . <i>Viola Biflora</i> . | 30 Arnica. <i>Arnica Montana</i> .  | 49 Alpine Butterwort. <i>Pinguicula Vulgaris</i> .                   |
| 10 Long-spurred Pansy. <i>Viola Calcarata</i> .                 | 31 Spiked Rampion. <i>Phyteuma Spicatum</i> .                                   | 50 Bird's-eye or Mealy Primrose. <i>Primula Farinosa</i> .           |
| 11 Wood-Pink. <i>Dianthus Sylvestris</i> , Wulf.                | 32 Scheuchzer's Bell - flower. <i>Campanula Scheuchzeri</i> , Vill.             | 51 Viscous Primrose. <i>Primula Viscosa</i> , All.                   |
| 12 Moss Campion. <i>Silene Acaulis</i> .                        | 33 Red Whortleberry or Cowberry. <i>Vaccinium Vitis Idaea</i> .                 | 52 Alpine Snowbell. <i>Soldanella Alpina</i> .                       |
| 13 Wood Crane's-bill. <i>Geranium Sylvaticum</i> .              | 34 Hairy - leaved Alpenrose. <i>Rhododendrum Hirsutum</i> .                     | 53 Dwarf Snowbell. <i>Soldanella Pusilla</i> , Baume.                |
| 14 Alpine Clover. <i>Trifolium Alpinum</i> .                    | 35 Rusty - leaved Alpenrose. <i>Rhododendron Ferrugineum</i> .                  | 54 Heart - leaved Globularia. <i>Globularia Cordifolia</i> .         |
| 15 Cold Milk-Vetch, x $\frac{1}{2}$ . <i>Phaca Frigida</i> .    | 36 Yellow Gentian. <i>Gentiana Lutea</i> .                                      | 55 Reticulated Willow. <i>Salix Reticulata</i> .                     |
| 16 White Dryas. <i>Dryas Octopetala</i> .                       | 37 Stemless Gentian. <i>Gentiana Acaulis</i> , Gremli.                          | 56 Small White Butterfly Orchid. <i>Cologlossum Albidum</i> , Harim. |
| 17 Mountain Avens, x $\frac{1}{2}$ . <i>Geum Montanum</i> .     | 38 Short-leaved Gentian, x $\frac{1}{2}$ . <i>Gentiana Brachyphylla</i> , Frol. | 57 Spring Crocuses. <i>Crocus Vernus</i> , Wulf.                     |
| 18 Cobweb House-leek. <i>Sempervivum Arachnoideum</i> .         | 39 Alpine Forget-me-not, x $\frac{1}{2}$ . <i>Myosotis Alpestris</i> , Schmidt. | 58 May Lily. <i>Smilacina Bi-folia</i> , Desf.                       |
| 19 Mountain House-leek. <i>Sempervivum Montanum</i> .           | 40 Alpine Toad-Flax. <i>Linaria Alpina</i> , Mill.                              | 59 Alpine Lily. <i>Paradisia Lilium</i> , Bert.                      |
| 20 Purple Saxifrage. <i>Saxifraga oppositifolia</i> .           |   | 60 White Veratrum. <i>Veratrum Album</i> .                           |

## EDUCATIONAL SERIES OF SLIDES—Continued.

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|---|---|
| 61 The Fetid Meadow Rue. <i>Thalictrum fatidum</i> .                  | 90 The Northern Cudweed. <i>Gnaphalium norvegicum</i> .         |
| 62 The Hepatica. <i>Anemone hepatica</i> .                            | 91 The Edelweiss. <i>Leontopodium Alpinum</i> .                 |
| 63 The Glacier Crowfoot. <i>Ranunculus glacialis</i> .                | 92 The Carpathian Cudweed. <i>Antennaria Carpathica</i> .       |
| 64 The Alpine Columbine. <i>Aquilegia Alpinum</i> .                   | 93 The Alpine Ox-eye. <i>Leucanthemum Alpinum</i> .             |
| 65 The Common Monk's-Hood. <i>Aconitum Napellus</i> .                 | 94 The Single-flowered Groundsel. <i>Senecio uniflora</i> .     |
| 66 The Hairy Rock-Cress. <i>Arabis hirsuta</i> .                      | 95 The Mountain Cornflower. <i>Centaurea montana</i> .          |
| 67 The Mignonette-leaved Bitter-Cress. <i>Cardamine resedifolia</i> . | 96 The Perennial Lettuce. <i>Lactuca perennis</i> .             |
| 68 The Toothwort. <i>Dentaria digitata</i> .                          | 97 The Golden Hawk's Beard. <i>Crepis aurea</i> .               |
| 69 The Mountain Penny-Cress. <i>Thlapsi montanum</i> .                | 98 The Hemispherical Rampion. <i>Phyteuma hemisphaericum</i> .  |
| 70 The Common Alpine Cress. <i>Hutchinsia Alpina</i> .                | 99 <i>Phyteuma betonicifolium</i> .                             |
| 71 The Grass of Parnassus. <i>Parnassia palustris</i> .               | 100 The Bearded Bell-flower. <i>Campanula barbata</i> .         |
| 72 The Mountain Milkwort. <i>Polygala chamaebuxus</i> .               | 101 The Fissured Bell-flower. <i>Campanula excisa</i> .         |
| 73 The Creeping Gypsophila. <i>Gypsophila repens</i> .                | 102 The Dwarf Bell-flower. <i>Campanula pusilla</i> .           |
| 74 The Nottingham Catchfly. <i>Silene nutans</i> .                    | 103 The Mount Cenis Bell-flower. <i>Campanula Cenisia</i> .     |
| 75 The Sedum-like Chierleria. <i>Chierleria sedoides</i> .            | 104 The Spiked Bell-flower. <i>Campanula thyrsoidea</i> .       |
| 76 The Field Mouse-ear Chickweed. <i>Cerastium arvense</i> .          | 105 The Creeping Azalea. <i>Azalea procumbens</i> .             |
| 77 The Mountain Trefoil. <i>Trifolium montanum</i> .                  | 106 The Purple Gentian. <i>Gentiana purpurea</i> .              |
| 78 The Brown Trefoil. <i>Trifolium badium</i> .                       | 107 The Bladder Gentian. <i>Gentiana ufriculosa</i> .           |
| 79 The Alpine Rose. <i>Rosa Alpina</i> .                              | 108 The Dwarf Forget-me-Not. <i>Eritrichium nanum</i> .         |
| 80 Felscher's Willow Herb. <i>Epilobium Fleischeri</i> .              | 109 The Great Yellow Rattle. <i>Rhinanthus major</i> .          |
| 81 The Perennial Knawel. <i>Scleranthus perennis</i> .                | 110 The Alpine Thyme. <i>Calamintha Alpina</i> .                |
| 82 The Annual Stonecrop. <i>Sedum annuum</i> .                        | 111 The Large Flowered Self-heal. <i>Brunella grandiflora</i> . |
| 83 The Thick-leaved Stonecrop. <i>Sedum dasyphyllum</i> .             | 112 The Mountain Germander. <i>Tenacrium montanum</i> .         |
| 84 The Moss-like Saxifrage. <i>Saxifraga bryoides</i> .               | 113 The Glacier Androsace. <i>Androsace glacialis</i> .         |
| 85 The Wedge-leaved Saxifrage. <i>Saxifraga cuneifolia</i> .          | 114 The Alpine Bastard Toad-Flax. <i>Thesium Alpinum</i> .      |
| 86 The Round-leaved Saxifrage. <i>Saxifraga rotundifolia</i> .        | 115 The Marsh Orchis. <i>Orchis palustris</i> .                 |
| 87 The Alpine Aster. <i>Aster Alpina</i> .                            | 116 The Fragrant Orchis. <i>Gymnadenia conopsea</i> .           |
| 88 The Alpine Daisy. <i>Bellidastrium Michellii</i> .                 | 117 The Butterfly Orchis. <i>Habenaria bifolia</i> .            |
| 89 The Dwarf Cudweed. <i>Gnaphalium supinum</i> .                     | 118 The Lady's Slipper Orchis. <i>Cypripedium calceolus</i> .   |
|   | 119 The Turk's-Cap Lily. <i>Lilium Martagon</i> .               |
|   | 120 The Autumn Crocus. <i>Colchicum autumnale</i> .             |

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## ABQ

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## ORCHIDS.

- |   |   |  |
|---|---|--|
| 1 <i>Angraceum Eichlerianum</i> .   | 29 Fragrant Orchis, <i>Gymna-</i><br><i>denia Conopsea</i> ,                            | 50 Marsh Orchis, <i>Orchis Lati-</i><br><i>folia</i> , x 3.            |
| 2 Autumnal Lady's Tresses,<br><i>Spiranthes Autum-</i><br><i>nalis</i> , whole plant.           | 30 " x 1.   | 51 " x 3, before and after<br>fertilisation.                           |
| 3 " x 1.  | 31 " x 3.   | 52 Green-winged Meadow<br>Orchis, <i>Orchis</i><br><i>Morio</i> , x 1. |
| 4 " x 4.  | 32 " x 4, before and after<br>pollination.  | 53 " x 1, head of flowers.   |
| 5 Bee Orchis, <i>Ophrys Api-</i><br><i>fera</i> , x 1.  | 33 Musk-scented Orchis, <i>Her-</i><br><i>minium Monorchis</i> , x 4.                   | 54 " x 4.  |
| 6 " x 1, <i>in situ</i> .   | 34 Frog Orchis, <i>Habenaria</i><br><i>Viridis</i> , x 1.                               | 55 "   |
| 7 Bird's-nest Orchid, <i>Neottia</i><br><i>Nidus-Avis</i> , x 1.                                | 35 " x 1.   | 56 Musk Orchis, <i>Herminium</i><br><i>Monorchis</i> , x 1.            |
| 8 " x 1.  | 35a " x 1.  | 57 " x 1.  |
| 10 " x 4.   | 36 " x 3.   | 57a "  |
| 11 " x 4.   | 37 Marsh Helleborine, <i>Epipa-</i><br><i>ctis Palustris</i> , x 1.                     | 58 Pyramidal Orchis, <i>Orchis</i><br><i>Pyramidalis</i> , x 1.        |
| 12 Great Butterfly Orchis,<br><i>Habenaria Chlor-</i><br><i>antha</i> , x 1.                    | 37a " x 1.  | 59 " x 1, whole head of<br>flowers.                                    |
| 13 " x 1.   | 37b " x 4.  | 60 " x 4, whole head of<br>flowers.                                    |
| 14 Lesser Butterfly Orchis,<br><i>Habenaria Bifolia</i> .                                       | 38 Purple Helleborine, <i>Cepha-</i><br><i>lanthera Rubra</i> ,<br>x 1.                 | 60a Spider Orchis, <i>Ophrys</i><br><i>Aranifera</i> , x 1.            |
| 15 " x 1.   | 39 " x 4.   | 60b " x 4.   |
| 16 " x 4.   | 40 Large White Helleborine, <i>Ce-</i><br><i>phalanthera Pal-</i><br><i>lens</i> , x 1. | 61 Spotted Orchis, <i>Orchis Ma-</i><br><i>sculata</i> , x 1.          |
| 17 " x 4, before and after<br>pollination.  | 41 " x 1.   | 62 " x 3.  |
| 18 Small White Butterfly<br>Orchis, <i>Habenaria</i><br><i>Albida</i> , x 1.                    | 42 " x 3.   | 63 " Fertilisation, 1.   |
| 19 " x 1.   | 43 Broad-leaved Helleborine,<br><i>Epipactis Lati-</i><br><i>folia</i> , x 1.           | 64 " " 2.  |
| 20 " x 1.   | 44 " x 2.   | 65 " " 3.  |
| 21 " x 4.   | 45 " x 4.   | 66 " " 4.  |
| 22 <i>Dendrobium Bensoni</i> .  | 46 <i>Lystrochys Fereipata</i><br>(W. Africa), x 1.                                     | 67 " 5.  |
| 23 Dwarf Orchis, <i>Orchis Ustu-</i><br><i>lata</i> , x 1.                                      | 47 Lady's Slipper Orchid,<br><i>Cypripedium Calceolus</i> ,<br>x 1.                     | 68 Early Purple Orchis, <i>Orchis</i><br><i>Masculata</i> , x 1.       |
| 24 Dwarf Dark-winged Orchis,<br><i>Orchis Ustulata</i> .  | 47a " x 1.  | 69 " x 4.  |
| 25 Fly Orchis, <i>Ophrys Mus-</i><br><i>cifera</i> .  | 47b Lady's Tresses, <i>Spiranthes</i><br><i>Antimalis</i> , x 1.                        | 70 Common Twayblade, <i>Lis-</i><br><i>tera Ovata</i> , x 1.           |
| 26 " x 2.   | 48 Marsh Orchis, <i>Orchis Lati-</i><br><i>folia</i> , x 1.                             | 71 " x 1.  |
| 27 Fly Orchis, <i>Ophrys Mus-</i><br><i>cifera</i> , x 4, before<br>and after pollina-<br>tion. | 49 " x 1.   | 72 " x 3.  |
| 28 " x 5.   |   | 73 " x 1, whole plant.   |
|   |   | 74 Heart-leaved Twayblade,<br><i>Listera Cordata</i> ,<br>x 1.         |
|   |   | 75 " x 4.  |
|   |   | 76 <i>Bulbophyllum Barbige-</i><br><i>rum</i> , x 3.                   |

## PLANTS, &amp;c.

- |   |  |  |
|---|--|--|
| 77 Winter Aconite, <i>Eranthis</i><br><i>Hyemalis</i> .                                       | 93 Bluebell, <i>Scilla Nutans</i> ,<br>x 1.  | 108 Cowslip, <i>Primula Veris</i> .  |
| 78 " " x 1.   | 94 Common Borage, <i>Borago</i><br><i>Officinalis</i> .                              | 109 Mountain Crane's-bill,<br><i>Geranium Pyrenaicum</i> .                                     |
| 79 Hemp-Agrimony, <i>Eupa-</i><br><i>torium Cannabinum</i> .                                  | 95 Brooklime, <i>Veronica Becca-</i><br><i>bunga</i> .                               | 110 Shining Crane's-bill, <i>Gera-</i><br><i>nium Lucidum</i> .                                |
| 80 Alkanet, <i>Anchusa Offici-</i><br><i>nalis</i> .  | 96 Butcher's Broom, <i>Ruscus</i><br><i>Aculeatus</i> .                              | 111 Crosswort or Mugwort,<br><i>Galium Crutiale</i> .  |
| 81 Wood Anemone, <i>Anemone</i><br><i>Nemorosa</i> , x 2.                                     | 97 Unbranched Bar-reed,<br><i>Spartagnum Simplex</i> .                               | 112 Bulbous Crow's-foot, <i>Ranun-</i><br><i>culus Bulbosus</i> .                              |
| 82 Pasque Flower, <i>Anemone</i><br><i>Pulsatilla</i> .                                       | 98 Celery-leaved Buttercup,<br><i>Ranunculus Sceleratus</i> .                        | 113 Water Crow's-foot, <i>Ranun-</i><br><i>culus Aquatilis</i> .                               |
| 83 " " x 1.   | 99 White Campion, <i>Lychnis</i><br><i>Vespertina</i> , x 1.                         | 114 " x 1.   |
| 84 Wild Angelica, <i>Angelica</i><br><i>Sylvestris</i> .                                      | 100 Celandine, <i>Chelidonium</i><br><i>Majus</i> , x 1.                             | 115 Daffodil, <i>Narcissus Pseudo-</i><br><i>Narcissus</i> .                                   |
| 85 Water Avens, <i>Geum Riviale</i> .   | 101 Common Centaury, <i>Ery-</i><br><i>thraea Centaureum</i> .                       | 116 Dandelion, <i>Taraxacum</i><br><i>DensLeonis</i> .   |
| 86 Common Barberry, <i>Berberis</i><br><i>Vulgaris</i> .                                      | 102 Chicory, <i>Cichorium Intybus</i> .  | 117 Common Elder, <i>Sambucus</i><br><i>Niger</i> , x 1.                                       |
| 87 Wood Betony, <i>Stachys Be-</i><br><i>tonica</i> , x 1.                                    | 103 Chives, <i>Allium Schoeno-</i><br><i>grammum</i> .                               | 118 Dwarf Elder or Danewort,<br><i>Sambucus Ebulus</i> , x 1.                                  |
| 88 Bilberry or Whortleberry,<br><i>Vaccinium Myrtillus</i> .                                  | 104 Strawberry-leaved Cinque-<br>foil, <i>Potentilla Fragari-</i><br><i>astrum</i> . | 119 Mountain Everlasting, <i>Ant-</i><br><i>ennaria Diota</i> .                                |
| 89 Common Bird's-foot, <i>Orni-</i><br><i>thopus Perpusillus</i> .                            | 105 Common Cotton-grass, <i>Eri-</i><br><i>ophorum Polytachyon</i> .                 | 120 Ferns, Bracken, and Hart's<br>tongue, <i>Pteris</i> and <i>Scolo-</i><br><i>pendrium</i> . |
| 90 Yellow Bird's-nest, <i>Monot-</i><br><i>ropa Hypopitys</i> , Var<br><i>Hirsuta</i> (Roth). | 106 Yellow Corydalis, <i>Corydalis</i><br><i>Lutea</i> , x 1.                        | 121 Ivy-leaved Toad-Flax,<br><i>Linaria Cymbalaria</i> .                                       |
| 91 Common Bistort, <i>Polygonum</i><br><i>Bistorta</i> .                                      | 107 White Climbing Corydalis,<br><i>Corydalis Claviculata</i> .                      | 122 Fleabane, <i>Pulicaria Dymen-</i><br><i>terica</i> .                                       |
| 92 Hairy Bitter-cress, <i>Carda-</i><br><i>mine Hirsuta</i> .                                 |  | 123 Furze or Gorse, <i>Ulex Euro-</i><br><i>pæus</i> .   |

## WILD FLOWERS—Continued

- 124 Broad-leaved Garlic, *Allium Ursinum*.  
 125 Gipsy-wort, *Lycopus Euro-pæus*.  
 126 Goldlocks, *Ranunculus Auricomus*.  
 127 Goose-grass or Cleavers, *Galium Aparine*.  
 128 Common Guelder-rose, *Viburnum Opulus*,  
 x 1.  
 129 " x 1.  
 130 " x 2, Fertile Flowers.  
 131 " x 1, Cultivated.  
 132 Mouse-ear Hawkweed, *Hieracium Pilosella*.  
 133 Hawthorn or May, *Crataegus Oxyacanthus*.  
 134 Green Hellebore, *Helicobus Viridis*.  
 135 Henbane, *Hyosciamus Niger*.  
 136 Grape-hyacinth, *Muscari Racemosum*.  
 137 Ground-ivy, *Nepeta Glechoma*.  
 138 Larkspur, *Delphinium Sp.*  
 139 Lily of the Valley, *Convallaria Majalis*.  
 140 May Lily, *Maianthemum Bifolium*, x 1.  
 141 Yellow Water-lily, *Nuphar Lutea*.  
 142 White Water-lily, *Nymphaea Alba*.  
 143 A Liverwort, *Marchantia Palmata*, x 1, male.  
 144 " x 1, female.  
 145 Lords and Ladies or Cuckoo-Pint, *Aran Maculatum*.  
 146 Field Louse-wort, *Pedicularis Sylvatica*.  
 147 Common Mallow, *Malva Sylvestris*.  
 148 Musk Mallow (white variety), *Malva Moschata*.  
 149 Nodding Bur-marigold, *Bidens Cernua*, x 1.  
 150 Marsh Marigold, *Caltha Palustris*.  
 151 Black Medick, *Medicago Lupulina*.  
 152 Field Melilot, *Melilotus Arvensis*, x.  
 153 Perennial or Dog's Mercury, *Mercurialis Perennis*.  
 154 Wild Mignonette, *Reseda Lutea*.  
 155 Common Milkwort, *Polygala Vulgaris*.  
 156 Sea Milkwort, *Glaux Maritima*.  
 157 Water Mint, *Mentha Aquatica*.  
 158 Monk's Hood, *Aconitum Napellus*.  
 159 " x 2, Flowers in early and late stages.  
 160 " x 2, Flowers in section, early and late stages.  
 161 Black Mullein, *Verbascum Nigrum*.  
 162 Garlic Mustard, *Sisymbrium Officinale*.  
 163 Common Hedge-Mustard, *Sisymbrium Officinale*.  
 164 Great Nettle, *Urtica Dioica*.  
 165 Red Dead-Nettle, *Lamium Purpureum*.  
 166 Common Nightshade, *Solanum Nigrum*.  
 167 Wildbeaked Parsley, *Anthriscus Sylvestris*.  
 168 Earth-nut Pea, *Lathyrus Tuberosus*.  
 169 Whitlow Pepper-wort, *Lipidium Draba*.  
 170 Pilewort or Lesser Celandine, *Ranunculus Ficaria*.  
 171 Primrose, *Primula Vulgaris*.  
 172 Horse-radish, *Cochlearia Armoracia*.  
 173 Yellow Rocket, *Barbarea Vulgaris*.  
 174 Christmas Rose, *Heleborus Niger*.  
 175 Common Dog-rose, *Rosa Canina*.  
 176 Trailing Rose, *Rosa Arvensis*.  
 177 Meadow Saftion, *Colchicum Autumnale*.  
 178 Flowering Rush, *Betonica Umbellatus*.  
 179 " x 3.  
 180 Large-flowered St. John's-wort, *Hypericum Calycinum*.  
 181 Sanicle, *Sanicula Europæa*, x 1.  
 182 Rue-leaved Saxifrage, *Saxifraga Tridactylites*.  
 183 Sea Holly, *Eryngium Maritimum*.  
 184 Sea Kale, *Crambe Maritima*.  
 185 Sloe or Blackthorn, *Prunus Spinosa*.  
 186 Snakes-head, *Fritillaria Meleagris*.  
 187 " " " "  
 188 Snow-drop, *Galanthus Nivalis*.  
 189 Soap-wort, *Saponaria Officinalis*.  
 190 Common Solomon's Seal, *Polygonatum Multiflorum*.  
 191 Wood Spurge, *Euphorbia Amygdaloides*.  
 192 Sweet-gale or Bog-myrtle, *Myrica Gale*.  
 193 Wild Service-Tree, *Pyrus Terminalis*, x 1.  
 194 Sheep's Sorrel, *Rumex Acetosella*, female.  
 195 " male.  
 196 Wood Sorrel, *Oxalis Acetosella*.  
 197 Lesser Spearwort, *Ranunculus Flammula*, x 1.  
 198 " "  
 199 Common Speedwell, *Veronica Officinalis*, x 1.  
 200 Germander, *Veronica Chamædrys*.  
 201 Ivy-leaved Speedwell, *Veronica Hederifolia*.  
 202 Wall Speedwell, *Veronica Arvensis*.  
 203 Spiked Star of Bethlehem, *Ornithogalum Pyrenæicum*, x 1.  
 204 Bog Scitthwort, *Stellaria Uliginosa*.  
 205 Wood Strawberry, *Fragaria Vesca*.  
 206 Common Tansy, *Tanacetum Vulgare*.  
 207 Hairy Tare, *Vicia Hirsuta*.  
 208 Carlina Thistle, *Carlina Vulgaris*.  
 209 Creeping Thistle, *Cnicus Arvensis*.  
 210 Wild Thyme, *Thymus Serpyllum*, x 1.  
 211 Slender Yellow Trefoil, *Trifolium Filiforme*.  
 212 Soft Knotted Trefoil, *Trifolium Striatum*.  
 213 Bush Vetch, *Vicia Sepium*.  
 214 Common Vetch, *Vicia Sativa*.  
 215 Violet, *Viola Odorata*.  
 216 Wood Violet, *Viola Sylvatica*.  
 217 Water-cress, *Nasturtium Officinale*.  
 218 Petty Whin, *Genista Anglica*.  
 219 Vernal Whitlow-grass, *Draba Verna*.  
 220 Rose-bay Willow Herb, *Epilobium Angustifolium*.  
 221 " "  
 222 " "  
 223 The Black Poplar, *Populus Nigra*, x 1.  
 224 " x 1.  
 225 The Willow, *Salix Sp.*, x 1.  
 226 " x 3.  
 227 Dwarf Silky Willow, *Salix Repens*.  
 228 The Alder, *Alnus Glutinosa*, x 1.  
 229 " x 1.  
 230 The Beech, *Fagus Sylvatica*, x 1.  
 231 " x 2.  
 232 The Silver Birch, *Betula Alba*, x 1.  
 233 The Hazel, *Corylus Avelana*, x 1.  
 234 " x 1.  
 235 The Hornbeam, *Carpinus Betulus*, x.  
 236 " x 3.  
 237 The Oak, *Quercus Robur*, x 1.  
 238 " x 2.

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- 5 " " *ad.* (central fig.)
- 6 Tricholoma nudum, Lilac Agaric, *Ed.*
- 7 Clitocybe flaccidus
- 8 " nebulosus, *Ed.*
- 9 Laccaria laccata, Amethystine Agaric
- 10 Collybia maculata, "Cream and Nutmeg" Agaric
- 11 Pholiota squarrosus, Shaggy Agaric
- 12 " aureus, Golden Agaric
- 13 Stropharia seruginosa, Verdigris Agaric, *P.*
- 14 Agaricus campestris, Common Mushroom, *Ed.*
- 15 Hypholoma fascicularis
- 16 Lenzites betulina
- 17 Cortinarius sanguineus, Blood-red Agaric
- 18 Hygrophorus pratensis, *Ed.*
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- 21 " obrussus
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- 24 " alutacea, *Ed.*
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- 26 " emetica, *P.*
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- 28 " tubiformis
- 29 Marasmius oreades, Fairy-ring Champignon, *Ed.*
- 30 Panus stypticus
- 31 Pleurotus ulmarius

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- 32 Boletus bovinus
- 33 " chrysenteron
- 34 " edulis, *Ed.*
- 35 " scaber, *Ed.*

- 36 Fistulina hepatica, Beef-steak Fungus, *Ed.*
- 37 Polyporus betulina *jur.*
- 38 " " *ad.*
- 39 Merulius lachrymans, "Dry-Rot Fungus"

## Ord. Hydneæ.

- 40 Hydnum repandum, *Ed.*
- 41 " crinaceus

## Ord. Thelephoreæ.

- 42 Thelephora laciniosa
- 43 Polystictus versicolor
- 44 Auricularia mesenterica
- 45 Tremellodon gelatinosum

## Ord. Clavariæ.

- 46 Clavaria rugosa
- 47 " cinerea
- 48 " pistillaria
- 49 Calocera viscosa and Xylaria hypoxylon
- 50 Sparassis crispa

## Ord. Tremellinæ.

- 51 Tremella mesenterica

## Ord. Phalloidæ.

- 52 Ithyphallus impudicus, the Stinkhorn Fungus, *P.*
- 53 " " succedive
- 54 " " phases
- 55 Mutinus caninus, the Lesser Stinkhorn

## Ord. Lycoperdaceæ.

- 56 Lycoperdon gemmatum, Common Puff-ball
- 57 Scleroderma verrucosa, Bearly Puff-ball

## Ord. Hymenogastriæ.

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| 4 Alpine Rose in Bloom.   | 38 White Cotton Tree, one of the only trees in Ceylon which loses its foliage. | 46 Jack Tree, <i>Artocarpus integrifolia</i> .                 |
| 5 Amphora Plant.  | 39 Cotton Plant, Flowers and Pods.   | 47 Sacred Lotus of the Egyptians, <i>Nelumbium speciosum</i> . |
| 6 Apple Tree in Bloom.  | 30 Cotton Pods, Green, with Plant Bugs.  | 48 Mahogany, Honduras, Tree.                                   |
| 7 Fruit and Flower of the Eve's Apple.  | 31 Cotton Pod, burst, showing Cotton.  | 49 May Tree in Full Bloom.                                     |
| 8 Banyan Tree of Benares.   | 32 Cotton Bugs from life, from the Demerara Cotton Company, British Guiana.    | 50 The Mandrake.   |
| 9 Baobab Tree.  | 33 A Country Lane in Spring.   | 51 Mangrove and Swamp.   |
| 10 Baobab Tree, Flower and Fruit.   | 34 The Cow Tree of the Caracaras.  | 52 Nutmeg Tree and Fruit.                                      |
| 11 Bread-fruit Tree.  | 35 Dragon's Blood Tree of the Island of Tenerife, <i>Draconea Draco</i> .      | 53 Oak Tree.   |
| 12 Beeches at Epping.   | 36 Edelweiss growing on rocks near Arolla.                                     | 54 " in Leaf.  |
| 13 Butter Tree and Fruit.   | 37 Elms.   | 55 " in Winter.  |
| 14 Camphor Tree.  | 38 Elms and Oaks.  | 56 Owen Glendower's Oak.                                       |
| 15 Caoutchouc Tree.   | 39 Euphorbia Tree in Angola.   | 57 Olive Tree, Gethsemane.                                     |
| 16 Carnivorous Plants, <i>Sarracenia</i> , <i>Nepenthes</i> , and <i>Darlingtonia</i> . | 40 Ficus Elastica in the Persadeniya Gardens, Kandy.                           | 58 Palm, African, <i>Zamia Caffragascar</i> .                  |
| 17 " <i>Dianzua</i> , <i>Penquicula</i> , and <i>Drosera</i> .                          | 41 Gamboja Tree.   | 59 " Medicinal Aloe, <i>Madagascar</i> .                       |
| 18 " <i>Cephalotus</i> .  | 42 Gentiana (see also <i>Rhododendron</i> ).                                   | 60 Palm, Coconut.  |
| 19 Cedars of Lebanon.   |  | 61 " Coconut, and Fruit.                                       |
| 20 Great Cedar of Lebanon.  |  | 62 " Date.   |
| 21 Chestnut, Great Tree of Mount Etna.  |  | 63 " Döm, Luxor.   |
| 22 Thyrus of Flowers of the Yellow Cinchona.  |  | 64 " Dwarf, Forest Scene, Madagascar.                          |
| 23 Cinnamon Tree.   |  | 65 " Ivory, Nut and Fruit.                                     |
| 24 Cocoa Tree.  |  | 66 " Wine-bearing Sago.  |
|   |  | 67 " Talipot.  |
|   |  | 68 " Talipot, 1st Stage.                                       |

## REMARKABLE TREES AND PLANTS.—Continued.

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|---|---|--|
| 69 Palm, Tarapote, <i>Triarica ventricosa</i> . | 81 A Group of Primroses (very fine).  | 88 Soldanella alpina L.; <i>Leontopodium alpinum</i> Cass. |
| 70 " Travellers'.                               | 82 Rose Leaf cut by a Leaf-cutting Bee.   | 89 Tanghien Tree of Madagascar.                            |
| 71 " Wax, <i>Ceroxylon andicola</i> .           | 83 Rhododendron ferrugineum L.; <i>Gentiana bavarica</i> L.; <i>Gentiana nivalis</i> L.; <i>Gentiana acaulis</i> L. | 90 Tapioca Plant and its Root.                             |
| 72 Pansy (Viola).                               | 84 The Large Flowering Sensitive Plant.   | 91 Tea and Coffee Plants, China.                           |
| 73 Papyrus.                                     | 85 Sensitive Plant, Asleep and Awake.   | 92 Alpine Thistle.   |
| 74 Prickly Pear and Cochineal Insects.          | 86 Snow on Hedge.   | 93 Traveller's Tree, <i>Urania speciosa</i> .              |
| 75 Pitcher Plant.                               | 87 " on Trees.  | 94 Tropical Scenery, Venezuela.                            |
| 76 " Cluster.                                   |   | 95 Upas Tree, Java.  |
| 77 " and Venus's Fly-trap.                      |   | 96 Varnish Tree.   |
| 78 The Pomegranate.                             |   | 97 Victoria Regia, the Great Water Lily.                   |
| 79 Pine Tree at Arolla.                         |   |  |
| 80 A Primrose Bank.                             |   |  |

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| 12 Stem of Butcher's Broom T.S. Formation of wood | 29 " " Lily of Valley "                            | 45 " " Fuschia             |
| 13 " Male Fern T.S. Formation of wood             | 30 " " Hart's Tongue "                             | 46 American Poplar         |
| 14 " Bracken T.S. Formation of wood               | 31 Leaf Stalk of Hop T.S. "                        | 47 Black                   |
| 15 " Buttercup T.S. Formation of wood             | 32 " Blade T.S. "                                  | 48 Maple                   |
| 16 " Bean T.S. Formation of wood                  | 33 " of Indianrubber T.S. Cystolith <i>in situ</i> | 49 Pollen Grains           |
| 17 " Orange T.S. Formation of wood                |  | 50 " " Germinating         |
|   |  | 51 Ovary of Lily T.S.      |
|   |  | 52 Sori of Fern            |
|   |  | 53 Prothallus              |
|   |  | 54 Ferns Germinating       |
|   |  | 55 Cluster of Blackberries |
|   |  | 56 " " Hawthorn            |
|   |  | 57 Hooked Fruit of Burdock |
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|   |  | 60 Pods of Laburnum        |

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| 4 Sunflower Root, trans. sect. stained                                       | 28 Mulberry, trans. sect.                             | 52 Flowers, trans. sect. of Anther  |
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| 7 Clematis, Section  | 31 Rosewood Sections                                  | 55 Lilium Auratum, Bud, trans. sect. showing various parts <i>in situ</i> |
| 8 Pitcher Plant Stem, trans. sect.   | 32 Barbary, trans. sect. of Stem                      | 56 Tulip, Three-celled ovary, trans. sect.                                |
| 9 Gipsy-wort, trans. sect. [sect.]   | 33 Aristolochia, trans. sect. of wood                 | 57 Tulip, trans. sect. of ovary, Gesneriana                               |
| 10 Virginia Creeper, Stem, trans.  | 34 Lime, Stem of trans. sect. 2 years old             | 58 Lilium, Ovary of, trans. sect. showing Embryo Sac                      |
| 11 Cycad, Structure of Stem, trans. sect.                                    | 35 Mulberry longitudinal sect.                        | 59 Great Butterfly Orchis, trans. sect. of ovary                          |
| 12 Marestail, Section of Stem  | 36 Oak, longitudinal sect.                            | 60 Maple, Flower bud  |
| 13 Allspice Stalk and Leaf   | 37 Passiflora Cerulia, trans. sect. of Stem           | 61 Deadly, Nightshade, <i>Aconite</i>                                     |
| 14 Date Palm, trans. sect.   | 38 Ficus Serratus, trans. sect.                       | 62 Cactus Flower and Fruit  |
| 15 Bamboo Canes, trans.  | 39 Cereus Revoluta                                    | 63 Helianthus annuus, Bud   |
| 16 Rattan Canes rating, trans. sect.   | 40 Daucus Carota, trans. sect.                        | 64 Ono  |
| 17 Palm, trans. sect.  | 41 Hop, Leaf stalk, trans. sect.                      | 65 Wheat  |
| 18 Hazel, trans. sect. of Branch   | 42 Fern, Structure of Stem, t. s.                     | 66 Barley   |
| 19 Orange Tree, Stem of, trans. sect.  | 43 Rhubarb, Spiral fibre Stem of                      | 67 Pteris Aquilina, Rhizome   |
| 20 Pine, Bastard growth of stem  | 44 Chrysanthemum, trans. sect. young shoot            | 68 " " T.S. of Stem   |
| 21 Tree fern, trans. sect. [Stem]  | 45 Hop Leaf, trans. sect. through midrib              | 69 Foxglove, T.S. of Ovary  |
| 22 Spruce Fir, abels, trans. sect. of  | 46 Male Fern, <i>Lastria Filix-mas</i> , trans. sect. | 70 " " L.S. " [Stem]  |
| 23 Stem of Elm, Structure of Stem, Arborescent Dicotyledon, trans. sect.     | 47 Brake Fern   | 71 Pepper ( <i>Piper Nigrum</i> ), T.S. of "                              |
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 2 Dot in the Horse, *Gastrophilus equi*. Bots attached to stomach, eggs on hairs, and adult fly  
 3 Mange in the Horse, *Psoroptes communis equi*, male  
 4 Mange in the Horse, male and female  
 5 Mange in the Dog, *Demodex folliculorum*  
 6 Itch in Man, *Sarcoptes scabiei*, male and female  
 7 Scab in Sheep, *Psoroptes longirostris* var. *ovis*  
 8 Lice of Pig  
 9 " of Horse  
 10 " (sucking) of Ox, *Hamatopinus eurypetorum*  
 11 " (biting), *Trichodectes scalaris*, with allied form from Magpie for comparison  
 12 Tick from Sheep, *Ixodes ricinus*  
 13 Tick from Dog, *Ixodes ricinus*  
 14 " " or Ked from Sheep, *Melophagus ovinus*  
 15 Brain of Sheep with polycystic Hydatid of *Tenia caninus*  
 16 A Tape Worm of Dog, *Tenia marginata*, in Bladder Cyst from Sheep  
 17 Tape Worm of Dog, *Tenia marginata*  
 18 *Trichina spiralis*, a piece of infested flesh  
 19 Liver Fluke of Sheep, *Distomum hepaticum*  
 20 The Snail, the Fluke inhabits, *Limnaea truncatula* and embryo of *D. hepaticum*  
 21 Autumn Breeze Fly, *Tabanus bovis*, magnified head and mouth organs  
 22 Common Symphid, *Symphid communis*, found on Horse, Ox, Goat, Sheep, and Rabbit

Text Book, "Neumann's Parasites and Parasitic Diseases of Domesticated Animals," Baillière, Tindall & Cox, price 25s.

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Slides selected and arranged by James Brodie Gresswell, F.R.C.V.S., Lecturer on Veterinary Science for the Lindsey and the Hollands County Councils of Lincolnshire; co-author of "Equine Medicine"; author of "Veterinary Pharmacology and Therapeutics," etc., etc.

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- 1 The Skeleton of the Horse
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- 3 " " Sheep
- 4 " " Dog
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- 6 Lateral view of the Horse Skull
- 7 Right fore-foot of a Horse
- 8 Left hind-foot of the Horse, External aspect
- 9 External Muscles of the right anterior limb of the Horse
- 10 The Larynx of the Horse, Cartilaginous pieces maintained in their natural position by the articular Ligaments, Superior and Inferior Faces
- 11 The Bronchial Tube of the Horse with its Branches and ultimate ramifications
- 12 Kidneys of the Ox
- 13 Heart and principal Vessels of the Horse—Left Face
- 14 Heart and principal Vessels of the Horse—Right Face
- 15 Stomach of the Horse
- 16 Stomach of the Ox seen on its right upper face, the Abomasum being depressed
- 17 The Intestines of the Horse, General View. The animal is placed on its back and the intestinal mass spread out
- 18 The Roots of the Jugular Vein in the Horse with its superior collateral affluents
- 19 Median and Vertical Section of the Horse's Brain
- 20 Nerves of the Digit

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- 23 Spore-formation of Bacillus Anthracis (Potato Culture)
- 24 Bacillus of Tetanus (Culture)
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- 26 Tuberculosis (Lungs of Rabbit inoculated with milk from a Tubercular Cow)
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- 28 Actinomyces ("Lumpy Jaw")
- 29 A Specimen of the Glanders Bacillus

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- 31 Larvæ and Pupa of the Gastrophilus Equi
- 32 Male and Female of the Gastrophilus Equi
- 33 Tœnia Perfoliata of the Horse; Cephalic extremity of the Tœnia Perfoliata
- 34 Tœnia Mammillaria; Cephalic extremity of same. Tœnia Plicata of Horse
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- 36 Tœnia Marginata of the Dog, and Hooks of same
- 37 Tœnia Coenurus of the Dog, and Hooks of same
- 38 Tœnia Echinococcus and Hooks of same
- 39 Lumbricoid Ascaride; Lateral View and Ventral Surface, Male and Female
- 40 Oxyuris Curvula of the Horse, Male and Female
- 41 Fragments of the Coecum of a Horse, showing tumours due to the Sclerostomes and Parasites. Anterior extremity of the Sclerostoma Tetracanthum

- 42 Cephalic Extremity of the Strongylus Contortus of the Sheep
- 43 Caudal Extremity of the male Phagostoma Venulosum
- 44 Trichina Spiralis of the Pig

**External Parasites or Ectozoa**

- 45 Hæmatopinus Macrocephalus, of Horse (Female)
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- 47 Hæmatopinus Tenuirostris " "
- 48 Trichodectes Scularis " "
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- 53 The Mange Acarus of the Sheep
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- 14 Plucking and Shaping the Birds
- 15 Trussers at Work. 1st view
- 16 " " 2nd view
- 17 Packing for Market
- 18 Greenwood's Incubator
- 19 Spratt's Patent Hen Coops.
- 19 Hen Roost, portable, for field use
- 20 Slanting Roof Hen Coop
- 21 " " Hen Coop with weather cover
- 22 " " Hen Coop with feeder
- 23 " " Hen Coop with folding doors
- 24 Chicken Coop, square, portable
- 25 Chicken Run, square
- 26 " " portable, with cover

# WS THE EMBRYOLOGY OF A CHICKEN.

A unique Series of Lantern Slides from direct Negatives by Mr. W. M. MARTIN, of Redruth, comprising the complete history of the development of the germ from the time the egg is laid to the hatching of the chicken.

*Plain Slides, 1s. 6d. each.*

- 1 A fresh laid egg
- 2 A fresh laid egg showing air space at broad end, which expands during incubation and through which chicken pushes its beak before hatching, also supplying the air necessary to life of chicken and providing room for movements during hatching process
- 3 A fresh laid egg carefully opened, showing circular germ which develops into the chicken, the membrane of yolk in folds to allow of expansion. This germ is always nearest the hen when sitting in whatever position egg be placed
- 4 Fresh laid egg opened and yolk turned upside down in the white to show the twisted ends of yolk membrane which by their weight keep the germ uppermost
- 5 Showing appearance of germ after 12 hours incubation, concentric circles appearing
- 6 Germ after 24 hours incubation. The dark patch being a portion non-actinic to plate probably due to first formation of blood taking place
- 7 Appearance after two days—yolk expanding, first appearance of blood vessels, embryo of chicken appearing
- 8 Appearance on 3rd day—rapid development of blood vessels, yolk becoming granular in appearance, embryo of chicken larger and when shell open pulsation of heart visible
- 9 Appearance on 4th day—yolk larger, blood vessels spreading over its surface
- 10 Showing effect of raising the temperature of incubator from 108 degrees (normal) to 120 degrees for 10 hours on 4th day, yolk becoming altered and membrane surrounding the embryo becoming visible
- 11 5th day—blood vessels spreading over almost the entire surface of yolk, embryo larger, and now surrounded by a protective circle of albumen through which the blood vessels pass
- 12 A portion of No. 11 enlarged, showing the blood vessels feeding the heart, eye of chicken visible
- 13 Embryo on 5th day dissected from the yolk, showing the membrane which envelops it when in the shell, also the elongated end of vertebral column
- 14 Appearance on removing portion of shell on 5th day, differing from No. 11 of same period, embryo being completely covered by blood vessels
- 15 Embryo of No. 14 removed from shell and slightly magnified showing rudimentary limbs
- 16 6th day—showing embryo of chicken now surrounded by a quantity of thinner albumen and chicken sinking into a cavity forming in the yolk
- 17 Embryo of No. 16 dissected from the yolk and magnified, showing its natural position at this period surrounded by albumen with blood vessels absorbing its nourishment from the yolk, and conveying it to the chicken by the umbilical cord
- 18 7th day—showing the chicken resting in the now well-formed folds of the yolk, with the main artery passing into the chicken
- 19 Embryo of No. 18 removed from shell and membrane, showing development of wings
- 20 No. 19 enlarged to show formation of head at this period
- 21 Empty shell on 7th day showing well-expanded membrane of air space
- 22 8th day—showing air space at broad end of shell and chicken sunk into a cavity between folds of yolk
- 23 9th day—opened more on the side of egg to show the formation of the cavity and folds of yolk. The yolk also becoming more granular in appearance
- 24 The entire contents of shell removed on 9th day and placed in position to show the under surface of yolk, and back of chicken, yolk at this period having few blood vessels on under surface
- 25 9th day—removed from shell showing first formation of beak. Blood vessels larger (compare with No. 13)
- 26 Showing the effect of temperature of 120 degrees on 9th day for several hours, blood vessels expanded to utmost, and altered in appearance
- 27 10th day, showing well-developed folds of yolk and chicken somewhat altering its position
- 28 11th day—portion of covering membrane removed, showing position of main artery
- 29 11th day—shell opened near broad end of egg and covering membrane removed, showing chicken resting in a well-fitting cavity of yolk
- 30 11th day—removed from shell and covering membrane, showing growth of limbs and beak
- 31 11th day—contents of shell removed, yolk perforated and contents withdrawn, showing the membrane surrounding the chicken, and the method of absorbing its nourishment from the surface of yolk
- 32 11th day—removed from shell and slightly enlarged, showing growth of beak and body
- 33 11th day—contents of shell removed without breaking yolk membrane, and chicken placed in position to show two well-formed curves in main artery. For use, see No. 44
- 34 11th day—showing well-expanded air space
- 35 12th day—showing appearance of membrane and blood vessels, on carefully removing a portion of the shell
- 36 12th day—covering membrane removed, showing chicken turning its position, feathers appearing, also showing the membrane of air space
- 37 12th day—removed from shell
- 38 12th day—entire contents of shell removed, showing the white of the egg being absorbed by the yolk
- 39 Showing appearance of covering membrane on 12th day
- 40 13th day—with membrane removed, showing head of chicken coming nearer to air space
- 41 14th day—appearance on removing shell
- 42 14th day—removed from shell, showing growth of limbs
- 43 15th day—appearance of covering membrane, also well-developed air space and its membrane
- 44 15th day—covering membrane removed, showing the now well-formed curves of main artery to allow of free movement of limbs
- 45 15th day—removed from shell
- 46 16th day—membrane removed, showing main artery close to membrane of air space for aeration of blood
- 47 16th day—opened from opposite side of shell to No. 46
- 48 16th day—entire contents of shell removed, showing but a small portion of white of egg left, but large amount of yolk, partially divided into two lobes, between which the chicken rests when enclosed in shell
- 49 17th day—portion of membrane removed
- 50 17th day—membrane removed, showing main artery passing close to air space and head of chicken getting into position for hatching.
- 51 17th day—entire contents of shell removed, showing the still unabsorbed yolk, also the blood vessels of membrane round the shell
- 52 17th day—showing chicken with swollen neck, head in wrong position, and dead
- 53 Showing No. 52 from other side, with yolk removed
- 54 17th day—removed from shell



## THE EMBRYOLOGY OF A CHICKEN—(continued).

- 55 18th day—showing head of chicken almost in position for hatching, with beak near junction of membrane of air space and shell  
 56 19th day—showing chicken in correct position or hatching, beak close to junction of membrane of air space and shell  
 57 19th day—removed from shell  
 58 19th day—showing large amount of yolk still unabsorbed  
 59 No. 68 removed from shell in its natural position  
 60 20th day—removed from shell  
 61 20th day—showing still unabsorbed yolk  
 62 20th day—shell opened opposite side of No. 61  
 63 21st day—shell carefully peeled off, showing chicken apparently hatched by now almost useless blood vessels

- 64 Showing position assumed by No. 63, on cutting the binding cords  
 65 21st day—removed from shell, showing the remaining portion of unexhausted yolk being absorbed into the body of chicken, thus providing its nourishment for short period after hatching  
 66 End of air space opened on 21st day, showing the loose folds of membrane surrounding the now restless chicken  
 67 Coming through the shell  
 68 Five hours later  
 69 A snap shot one hour later  
 70 Chicken twelve hours after hatching

## CG

## ENGLISH BIRDS

These are photographed from the exquisitely mounted specimens in the Natural History Museum, South Kensington, shewing the birds, their nests and surroundings as far as possible in a state of nature. Many of them shew the eggs or young birds.

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## NOTES FOR LECTURING, 6d.

- 1 Bearded Tit and Nest. *Parus biarmicus*  
 2 Blue Tit on stump of Tree. *Parus caeruleus*  
 3 Marsh Tit with young in hollow of Tree. *Parus palustris*  
 4 Great Titmouse feeding Young. *Parus major*  
 5 Great Titmouse with Nests made in a letter box 1890, 1890, 1896. *Parus major*  
 6 Longtailed Titmouse with young birds on bush. *Parus caudatus*  
 7 Great Spotted Woodpecker. *Picus major*  
 8 Carrion Crow with Nest and Eggs. *Corvus corone*  
 9 Hooded Grey or Royston Crow feeding Young. *Corvus cornix*  
 10 Jackdaw in hollow of Tree. *Corvus monedula*  
 11 Jay and Nest, Jays feeding Young. *Garrulus glandarius*  
 12 Magpie with Nest and Eggs. *Pica caudata*  
 13 Hock feeding Young. *Corvus frugilegus*  
 14 Starling and Young in hollow of a tree. *Sturnus vulgaris*  
 15 Bullfinch and Nest. *Pyrrhula europaea*  
 16 Chaffinch and Young. *Fringilla coelebs*  
 17 Greenfinch, Nest and Eggs. *Fringilla chloris*  
 18 Hawfinch and Nest. *Coccothraustes vulgaris*  
 19 Linnet with Nest and Eggs, and Greenfinch. *Linnaea ca. inabina*  
 20 Twite and Nest. *Fringilla flavitorris*  
 21 Common Bunting and Nest. *Emberiza hortulana*  
 22 Reed Bunting and Nest. *Emberiza hortulana*  
 23 Snow Bunting on a Rock. *Plectrophenax nivalis*  
 24 Yellowhammer. *Emberiza citrinella*  
 25 Reed Warbler feeding Young. *Acrocephalus streperus*  
 26 Willow Warbler and Nest. *Phylloscopus trochilus*  
 27 Garden Warbler. *Sylvia hortensis*

- 28 Chiffchaff, Nest, and Eggs. *Phylloscopus collybita*  
 29 Mistle Thrush. *Turdus viscivorus*  
 30 Song Thrush and Nest. *Turdus musicus*  
 31 Meadow Pipit, or Titlark, feeding Young. *Anthus pratensis*  
 32 Tree Pipit, Nest and Eggs. *Anthus aberti*  
 33 Tree Pipit feeding Young.  
 34 Skylark feeding Young. *Alauda arvensis*  
 35 Skylark rising from the ground. *Alauda arvensis*  
 36 Common Flycatcher and Nest. *Muscicapa grisola*  
 37 Pied Flycatcher on Tree feeding Young. *Muscicapa atricapilla*  
 38 Kingfisher on Bank. *Alcedo vulgaris*  
 39 Pied Wagtail feeding Young. *Motacilla lugubris*  
 40 Common Crossbills on Fir Tree. *Loxia curvirostris*  
 41 Lesser Redpoll. *Linnaea rufescens*  
 42 Nightingale, Nest, and Young. *Philomela luscinia*  
 43 Red-backed Shrike, or Butcherbird, feeding Young. *Lanius collurio*  
 44 Robin calling its mate. *Erithacus rubecula*  
 45 Skink and Nest. *Chrysomitris spinus*  
 46 Whitethroat and Nest. *Sylvia cinerea*  
 47 Wood Wren on ground feeding Young. *Phylloscopus sibilatrix*  
 48 Blackbird watching mate on Nest. *Merula merula*  
 49 Blackcap feeding Young in Nest. *Sylvia atricapilla*  
 50 Stonechat and Eggs. *Pratincola rubicola*  
 51 Whinchat and Nest. *Pratincola rubetra*  
 52 Nuthatch with Young. *Sitta caesia*  
 53 Wheatear feeding Young. *Saricola oenanthe*  
 54 Young Cuckoo in Nest being fed by two Hedge-sparrows. *Cuculus canorus*  
 55 Long-eared Owl feeding Young with Mice. *Asio otus*  
 56 Reed Warbler's Nest and Eggs

## EDUCATIONAL SERIES OF SLIDES—Continued.

## CC

## BRITISH BIRDS.

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- 5 Stonechat. *Pratincola rubicola*
- 6 Redstart. *Eristalis rubecula*
- 7 Nightingale. *Daulias luscinia*
- 8 Whitethroat. *Sylvia cinerea*
- 9 Blackcap. *Sylvia atricapilla*
- 10 Dartford Warbler. *Melospiza undatus*
- 11 Sedge-Warbler. *Aerophila phragmitis*
- 12 Dipper. *Cinclus aquaticus*
- 13 Long-tailed Tit. *Aedula rosea*
- 14 Great Tit. *Parus major*
- 15 Crested Tit. *Parus cristatus*
- 16 Nuthatch. *Sitta caesia*
- 17 Wren. *Troglodytes parvulus*
- 18 Pied Wagtail. *Motacilla lugubris*
- 19 Grey Wagtail. *Motacilla melanocephala*
- 20 Meadow Pipit. *Anthus pratensis*
- 21 Tree Pipit. *Anthus trivialis*
- 22 Rock Pipit. *Anthus obscurus*
- 23 Red-backed Shrike. *Lanius collurio*
- 24 Spotted Fly-catcher. *Muscicapa grisola*
- 25 Swallow. *Hirundo rustica*
- 26 Martin. *Chelidon urtica*
- 27 Tree-Creeper. *Certhia familiaris*
- 28 Hawfinch. *Coccothraustes vulgaris*
- 29 Lesser Red-poll. *Lineta rufescens*
- 30 Bullfinch. *Pyrrhula europaea*
- 31 Crossbill. *Loxia curvirostris*
- 32 Yellowhammer. *Emberiza citrinella*
- 33 Cirl Bunting. *Emberiza ciria*
- 34 Reed Bunting. *Emberiza schoeniclus*
- 35 Chough. *Pyrrhocorax graculus*
- 36 Magpie. *Pica rustica*
- 37 Rook. *Corvus frugilegus*. Jackdaw. *Corvus monedula*. Starling. *Sturnus vulgaris*
- 38 Raven. *Corvus corax*
- 39 Skylark. *Alda arvensis*
- 40 Nightjar. *Caprimulgus europaeus*
- 41 Spotted Woodpecker. *Dendrocopos major*
- 42 Green Woodpecker. *Geothlypis viridis*
- 43 Wrenneck. *Lynx torquilla*
- 44 Kingfisher. *Alcedo lapida*
- 45 Hoopoe. *Upupa epops*
- 46 Cuckoo. *Cuculus canorus*
- 47 Barn-Owl. *Strix flamma*
- 48 Long-eared Owl. *Asio otus*. Chaffinch. *Fringilla caesia*. Great Blue and Coal Tits. *Parus caeruleus* and *Parus britannicus*. Goldcrest. *Regulus cristatus*
- 49 Montagu's Harrier. *Circus cineraceus*
- 50 Buzzard. *Buteo vulgaris*
- 51 Kite. *Milvus tetanus*
- 52 Peregrine. *Falco peregrinus*
- 53 Merlin. *Falco aesalon*
- 54 Kestrel. *Tinnunculus alaudarius*
- 55 Honey-Buzzard. *Pernis apivorus*
- 56 Cormorant. *Phalacrocorax carbo*
- 57 Gannet. *Sula bassana*. Guillemot, Herring-Gull. *Larus argentatus*
- 58 Grey-Lag Goose. *Anser cinereus*
- 59 Brent Goose. *Bernicla brenta*
- 60 Barnacle Goose. *Bernicla leucopsis*
- 61 Sheldrake. *Tadorna cornuta*
- 62 Widgeon. *Mareca penelope*
- 63 Pintail. *Dafila acuta*
- 64 Mallard. *Anas boschas*. Peregrine Falcon. *Falco peregrinus*. Heron. *Ardea cinerea*. Coot. *Fulica atra*
- 65 Gadwall. *Chantalasmus streperus*
- 66 Garganey. *Querquedula ciria*
- 67 Tufted Duck. *Fuligula cristata*
- 68 Elder Duck. *Somateria mollissima*
- 69 Common Sooty. *Oidemia nigra*
- 70 Goosander. *Mergus merganser*
- 71 Red-bransted Merganser. *Mergus serrator*
- 72 Rock Dove. *Columba livia*
- 73 Turtle Dove. *Turtur communis*
- 74 Jay. *Garrulus glandarius*. Wood - Pigeon. *Columba palumbus*. Pheasant. *Phasianus colchicus*
- 75 Red-legged Partridge. *Caccabis rufa*
- 76 Partridge. *Perdix cinerea*
- 77 Quail. *Coturnix communis*
- 78 Blackcock. *Tetrao tetrix*
- 79 Capercaillie. *Tetrao urogallus*
- 80 Landrail. *Circus patensis*
- 81 Stone Curlew. *Edicnemus scolopax*
- 82 Golden Plover. *Charadrius pinnatus*
- 83 Lapwing. *Vanelus vulgaris*
- 84 Turnstone. *Sturnellus interpres*
- 85 Grey Phalarope. *Phalaropus fulicarius*
- 86 Woodcock. *Scolopax rusticula*
- 87 Dunlin. *Tringa alpina*
- 88 Knot. *Tringa canutus*
- 89 Ruff and Reeve. *Macetes pugnax*
- 90 Sanderling. *Callidris arenaria*
- 91 Greenshank. *Totanus canescens*
- 92 Oyster-catcher. *Haematopus ostralegus*. Ringed Plover. *Gygis alba*. Little Saint. *Tringa minima*. Curlew. *Numenius aquata*
- 93 Common Tern. *Sterna hirundo*
- 94 Lesser Tern. *Sterna minuta*
- 95 Black Tern. *Hydrochelidon nigra*
- 96 Great Black backed Gull. *Larus marinus*
- 97 Black-headed Gull. *Larus ridibundus*. Pochard. *Fuligula ferina*. Shoveler. *Spatula clypeata*. Water Hens. *Gallinula chloropus*
- 98 Great Skua. *Stercorarius catarrhactes*
- 99 Stormy Petrel. *Procellaria pelagica*
- 100 Manx Shearwater. *Puffinus anglorum*
- 101 Fulmar. *Fulmarus glacialis*
- 102 Great Northern Diver. *Columbus placidus*
- 103 Great Crested Grebe. *Podiceps cristatus*
- 104 Little Grebe. *Tachybaptus pusillus*
- 105 Razorbill (winter plumage). *Alca torda*
- 106 Little Auk. *Margulus alle*
- 107 Puffin. *Fratercula arctica*

## BIRD-NOTES.

## CD

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- 9 Thrush breaking Snails
- 10 Cole Tit
- 11 Nuthatches
- 12 Swallows
- 13 Chiffchaff Feeding Young Cuckoo
- 14 Pied Woodpeckers
- 15 Group of Birds—Winter-time

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## 8CE

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KITTIWAKE AT NEST. No. 130.

- |  |  |
|--|--|
| 1 Avocet Feeding. <i>Avocetta recurvirostra</i> . (Holland.)   | 32 Cormorant sitting.  |
| 2 Avocet's Nest.   | 33 " Two birds and nest.   |
| 3 " Nest made of flamingoes' feathers, and eggs. (Spain.)      | 34 " Nest with two eggs.   |
| 4 " Egg.   | 35 " St. James's Park.   |
| 5 Bee-Eater. <i>Merops apiaster</i> .                          | 36 Carrion Crow's Nest and two eggs. <i>Corvus corone</i> .  |
| 6 " Nest and eggs.   | 37 Cuckoo's egg in Hedge-Sparrow's Nest. <i>Cuculus canorus</i> .  |
| 7 Little Bittern, Montenegro. <i>Ardetta minuta</i> .          | 38 Young Cuckoo in Hedge-Sparrow's Nest, while below are seen a Hedge-Sparrow's egg and a dead young bird, ejected presumably by Cuckoo. |
| 8 " " " "  | 39 Young Cuckoo in Hedge-Sparrow's Nest.   |
| 9 " " " "  | 40 " fed by Hedge-Sparrow.   |
| 10 Nest of " Little Bittern, Hungary. <i>Ardetta minuta</i> .  | 41 Dipper's Nest.  |
| 11 Nest of Blackbird, with four eggs. <i>Turdus merula</i> .   | 42 Turtle Dove. <i>Turtur communis</i> .   |
| 12 Blackcap on Nest. <i>Sylvia atricapilla</i> .               | 43 " Nest and eggs.  |
| 13 " Nest.   | 44 Elder Duck's Nest and eggs. <i>Somateria mollissima</i> .   |
| 14 Bramblefinch on Twig. <i>Fringilla monti fringilla</i> .    | 45 " Bird sitting.   |
| 15 Bullfinch Hen on Nest. <i>Pyrrhula Europa</i> .             | 46 Stock Duck's Nest, with two eggs. <i>Columba anas</i> .   |
| 16 Common Bunting. <i>Emberiza miliaria</i> .                  | 47 Tufted Duck. <i>Fuligula cristata</i> .   |
| 17 " Nest, with two eggs.                                      | 48 " " Nest.   |
| 18 Reed Bunting. Cock. <i>Emberiza caesia</i> .                | 49 " " swimming.   |
| 19 " " Nest and Eggs.  | 50 " " swimming.   |
| 20 " " Hen at nest feeding young.                              | 51 Wild Duck's Nest and eggs. <i>Anas boschas</i> .  |
| 21 Yellow Bunting. <i>Emberiza citrinella</i> . Nest and eggs. | 52 Dunlin. Three birds feeding. <i>Tringa alpina</i> . (Spain.)  |
| 22 Buzzard's Nest.   | 53 Booted Eagle at Nest, Spain. <i>Aquila pennata</i> .  |
| 23 Capercaillie's Nest.  | 54 Golden Eagle. <i>Aquila chrysaetos</i> . (Transylvania).  |
| 24 Chaffinch. Cock. <i>Fringilla caesia</i> .                  | 55 Sea Eagle (immature), Roumania. <i>Halidetus albicilla</i> .  |
| 25 " Nest and eggs.  | 56 Little Egret. Pair building. <i>Ardea garzetta</i> . (Spain.)   |
| 26 " Hen on nest.  | 57 " Nest with three eggs.   |
| 27 Coot. <i>Fulica atra</i> .                                  | 58 Spotted Flycatcher. <i>Muscicapa grisola</i> .  |
| 28 " Nest.   | 59 " " side view.  |
| 29 Nest of Little Crane, Hungary. <i>Porzana parva</i> .       | 60 " " Nest.   |
| 30 Nest of Spotted Crane, Hungary. <i>Porzana marmotta</i> .   |  |
| 31 Cormorant standing on rock. <i>Phalacrocorax urio</i> .     |  |

## EDUCATIONAL SERIES OF SLIDES—Continued.

## BRITISH BIRDS AND NESTS—Continued.

- 61 Spotted Flycatcher sitting  
62 " " " "  
63 Bar-tailed Godwit wading. *Limosa lap-  
ponica*. (Lincolnshire.)  
64 Black-tailed Godwit in long grass. *Limosa  
belgica*. (Texel.)  
65 " " " " Nest.  
66 Goldfinch on thistle. *Carduelis elegans*.  
67 " " " " Nest and eggs.  
68 Photographing Goldfinch's Nest.  
69 Goshawk on bow perch. *Astur palumbarius*.  
70 " " killing rabbit. (Trained bird.)  
71 " " " " Nest.  
72 Nest of Black-necked Grebe, Hungary.  
*Podiceps nigricollis*.  
73 Great Crested Grebe. Nest with two eggs.  
74 " " " " Eggs covered up.  
75 Little Grebe on Nest. *Podiceps minor*.  
76 " " " " feeding young.  
77 " " " " Nest.  
78 " " " " swimming.  
79 Nest of Greenfinch with eggs. *Ligurinus  
chloris*.  
80 Guillemots.  
81 " " on Farne Islands. *Alca troile*.  
82 Black-headed Gull. *Larus ridibundus*.  
83 " " " " in winter plumage.  
84 " " " " Winter and early  
spring plumage.  
85 " " " " Nest, with three eggs.  
86 " " " " on Nest.  
87 " " " " in London.  
88 Lesser Black-backed Gull standing on rock.  
*Larus fuscus*.  
89 " " " " Nest with two  
eggs.  
90 " " " " Two young birds  
in down.  
91 Herring Gull swimming. *Larus argentatus*.  
92 Marsh Harrier. Nest. *Circus aruginosus*.  
93 Montague's Harrier. Nest and eggs. *Circus  
cinereus*. (Norfolk.)  
94 Nest of Hawfinch in hawthorn, with four  
eggs. *Coccothraustes vulgaris*.  
95 Sparrow Hawk. *Accipiter nisus*.  
96 Foot of Sparrow Hawk.  
97 Heron standing on stone. *Ardea cinerea*.  
98 " " on tree above nest, Richmond Park.  
99 Buff-backed Heron on branch of tree. *Ardea  
babulensis*. (Spain.)  
100 " " " " Two birds.  
101 " " " " Nest with five eggs.  
102 Night Heron. *Nycticorax griseus*.  
103 " " " " Nest with two eggs. (Spain.)  
104 Purple Heron's Nest and three eggs. *Ardea  
purpurea*. (Spain.)  
105 " " " " and four eggs. (Hol-  
land.)  
106 " " " " and young. (Holland.)  
107 " " " " stepping on nest.  
(Automatically photographed by electricity.)  
108 Squacco Heron. *Ardea rallioides*. (Spain.)  
109 " " " " Nest, with three eggs.  
110 Great White Heron and Young in Nest,  
Albania, *Ardea  
alba*.  
111 " " " " Young in Nest.  
112 " " " " feeding.  
113 Wading to photograph Herons, Egrets, and  
Ibis in Andalusia.  
114 Hobble.  
115 Glossy Ibis. *Plegadis falcinellus*.  
116 " " " " with Herons. (Spain.)  
117 " " " " Nest and two eggs.  
118 Two Jackdaws, Albania. *Corvus monedula*.  
119 Jackdaw's Nest.  
120 Kestrel's Nest and eggs. *Falco tinnuncu-  
lus*.  
121 Kingfisher. *Alcedo ispida*.  
122 " " " " site of nest.  
123 " " " " young bird.  
124 Kites.  
125 " " Nest. *Milvus iclinus*. (Spain.)  
126 " " " " Egg.  
127 " " " " Young birds in Nest.  
128 Black Kite's Nest, with three eggs. *Milvus  
migrans*. (Spain.)  
129 " " " " Egg.  
130 Kittiwake on Nest, with egg, showing young  
bird. *Rissa tridactyla*.  
131 " " Pair on Nest, with two young birds.  
132 " " Site of Nest with birds, Farne  
Islands.  
(Medal of the Royal Photographic Society of  
Great Britain for these photographs.)  
133 Lapwing. Cock.  
134 " " on Nest (photographed automati-  
cally).  
135 Sky Lark's Nest and eggs. *Alauda  
arvensis*.  
136 " " " " Young.  
137 Linnet's Nest, with eggs. *Linota canna-  
bina*.  
138 House Martin. Nest.  
139 " " " " on Nest.  
140 " " " " Five Nests.  
141 " " " " Two Martins.  
142 Sand Martin's Nest Holes.  
143 Moorhea. *Gallinula chloropus*.  
144 " " " " sitting.  
145 " " " " Nest and eggs.  
146 Nightingale. *Dasilias luscinia*.  
147 " " " " Nest, with four eggs.  
148 " " " " on Nest.  
149 " " " " taking meal-worm.  
150 Nightjar on Nest. *Caprimulgus Europæus*.  
151 " " " " Nest and eggs.  
152 " " " " Two young birds.  
153 " " " " on hough.  
154 " " " " and young.  
155 " " " " sitting.  
156 Barn Owl. *Stryx flammea*.  
157 " " " " Young bird in down.  
158 Long-eared Owl. Young bird. *Asio otus*.  
159 " " " " Adult.  
160 Short-eared Owl. *Asio accipitrinus*.  
161 " " " " Ear of.  
162 " " " " Nest and eggs. (Norfolk.)  
163 Tawny Owl. *Syrnium aluco*.  
164 Oyster Catcher. *Hamatopus ostralegus*.  
165 " " " " Nest.  
166 " " " " Nest and eggs.  
167 Partridge's Nest, with thirteen eggs. *Perdix  
cinerea*.  
168 " " " " on Nest.  
169 Dalmatian Pelicans on Nests, Albania.  
*Pelicanus crispus*.  
170 " " " " " " " "  
171 " " " " " " " "  
172 Peregrine. *Falco peregrinus*.  
173 " " " " killing partridge. (Trained bird.)  
174 Pheasant. Cock hatching. *Phasianus  
colchicus*.  
175 " " " " Nest, with twelve eggs.  
176 " " " " Hen-bird sitting.  
177 Wood Pigeon's Nest and two eggs.  
178 Pintail's Nest.  
179 Meadow Pipit's Nest. *Anthus pratensis*.  
180 Green Plover. *Vanellus cristatus*.  
181 " " " " Nest, with four eggs.  
182 " " " " sitting.  
183 " " " " Young bird.  
184 Pair of Grey Plovers in summer plumage.  
*Squatarola helvetica*.  
185 Kentish Plover's Nest, with three eggs.  
*Ægialitis cantiana*.  
186 " " " " " " " "  
187 Ringed Plover. *Ægialitis hiaticula*.  
188 " " " " Nest with four eggs.  
189 Pochard. *Fuligula ferina*.  
190 " " " " " " " "

## EDUCATIONAL SERIES OF SLIDES—Continued.

## BRITISH BIRDS AND NESTS—Continued.

- 191 Pratincole. *Glareola pratincola*.  
 192 " Nest and eggs.  
 193 Puffins. Two birds. *Fratercula arctica*.  
 194 " Three birds.  
 195 " Young bird at mouth of nest-hole.  
 196 " Burrow, with egg and bird's head.  
 197 Nest of Water Rail, Hungary. *Rallus aquaticus*.  
 198 Raven. *Corvus corax* (Transylvania.)  
 199 " Nest and eggs. *Corvus corax*. (Spain.)  
 200 Redbreast. *Erythacus rubecula*.  
 201 " Nest, with three eggs.  
 202 Lesser Redpole. *Acanthis rufescens*.  
 203 " Nest.  
 204 Redshank's Nest with four eggs. *Totmus calidris*.  
 205 Redstart. *Ruticilla phanicurus*.  
 206 " Nest, six eggs in hole of sycamore tree.  
 207 Rook. *Corvus frugeligus*.  
 208 " Nest and eggs.  
 209 Climbing to Rook's Nest.  
 210 Ruff.  
 211 Nest of Common Sandpiper.  
 212 Grey Shrike on Shrub. *Lanius meridionalis*. (Spain.)  
 213 Nest of Red-backed Shrike. *Lanius colurio*.  
 214 Hedge Sparrow on Nest. *Accentor modularis*.  
 215 " Nest and eggs.  
 216 House Sparrow. *Passer domesticus*.  
 217 "  
 218 Spoonbill's Nest and six eggs. *Platelea leucorodea*. (Holland.)  
 219 " Young bird in nest.  
 220 " and three young in nest.  
 221 " and two young in nest.  
 222 Starling outside Nest in old Wood-pecker's Hole. *Sturnus vulgaris*.  
 223 " Nest and eggs.  
 224 " on chimney.  
 225 " looking out of hole.  
 226 Stilt. *Himantopus candidus*.  
 227 " Three birds feeding. (Spain.)  
 228 " Nest, with four eggs.  
 229 " Egg.  
 230 White Stork on Ground. *Ciconia alba*.  
 231 " " with young in Nest.  
 232 " " Bird on Nest, with two young. (Holland.)  
 233 " " Bird on Nest. (Seville.)  
 234 Swallow's Nest and four eggs. *Hirundo rustica*.  
 235 " " on Nest.  
 236 " " Nest and young.  
 237 " " Eight young birds resting.  
 238 " " Young.  
 239 Teal.  
 240 " Nest.  
 241 Arctic Tern's Nest, with one egg. *Sterna arctica*.  
 242 Black Tern's Nest, with three eggs. *Hydrochelidon nigra*. (Spain.)  
 243 " " on Nest.  
 244 " " Two young birds in Nest.  
 245 " " Egg.  
 246 White-winged Black Tern on Nest, Hungary. *H. leucoptera*.  
 247 White-winged Black Tern, Nest.  
 248 Common Tern's Nest, with two eggs. *Sterna hirundo*. (Holland.)  
 249 " " on Nest.  
 250 Lesser Tern's Nest, with egg and young bird. *Sterna minuta*. (Texel.)  
 251 " " Two eggs.  
 252 Sandwich Tern's Nest. *Sterna cantiaea*.  
 253 " " among Bladder Campion. Egg and freshly-hatched bird and empty egg shell. (Farne Islands.)  
 254 Whiskered Tern's Nest, with two eggs. *Hydrochelidon hybrida*.  
 255 " " Egg. (Spain.)  
 256 Mistle Thrush on Nest. *Turdus viscivorus*.  
 257 " Nest.  
 258 Song Thrush. *Turdus musicus*.  
 259 " " Nest.  
 260 " " Nest and young.  
 261 Bearded Tit. Nest.  
 262 " " feeding young.  
 263 Blue Tit. *Parus caeruleus*.  
 264 " " Stump showing hole in which nest was lodged.  
 265 Nest of Long-tailed Tit. *Acredula rosea*.  
 266 Nest of Marsh Tit (hole cut out to show nest).  
 267 Griffon Vulture. *Gyps fulvus*. (Transylvania.)  
 268 " " in Nest. (Spain.)  
 269 " "  
 270 " " Young Bird in Nest.  
 271 Pied Wagtail. *Motacilla lugubris*.  
 272 " "  
 273 " " Nest.  
 274 " " Nest with young.  
 275 Yellow Wagtail. *Motacilla raiti*.  
 276 " " sitting.  
 277 " " Nest and eggs.  
 278 Garden Warbler on Nest. *Sylvia hortensis*.  
 279 " Nest.  
 280 Reed Warbler's Nest. *Acrocephalus streperus*.  
 281 " " on Nest.  
 282 " " Nest and young.  
 283 Great Reed Warbler. *Acrocephalus turdoides*. (Holland.)  
 284 " " " Nest.  
 285 " " Young.  
 286 Nest of Savi's Warbler. *Loenstella luscinoides*. (Holland.)  
 287 Sedge Warbler feeding young. *Acrocephalus phragmitis*.  
 288 " " Nest.  
 289 Water Hen in Reeds.  
 290 " " Feeding.  
 291 Whinchat. Cock. *Pratincola rubetra*.  
 292 " " with beetle.  
 293 " Nest.  
 294 Greater Whitethroat. *Sylvia cinerea*.  
 295 " " Nest, with eggs.  
 296 Lesser Whitethroat, young. *Sylvia curruca*.  
 297 " " Nest.  
 298 Wren. *Troglodytes parvulus*.  
 299 " " Nest.  
 300 Willow Wren. *Phylloscopus trochilus*.  
 301 " " Nest, with five eggs.  
 302 " "  
 303 " "

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## EDUCATIONAL SERIES OF SLIDES—Continued.

## XV

## NESTING SWANS.

Photographed from life by DOUGLAS ENGLISH, B.A.

*Plain Slides, 1s. 6d. each.*

Book, "Beasties Courageous," 5s. net.

- |                                      |  |   |
|--------------------------------------|--|---|
| 1 Surroundings of Nest.              | 10 Female Swan Trying Temperature of Water.              | 17 Female Swan with Family.                         |
| 2 Male Swan Gathering Nest-material. | 11 " Coaxing Cygnets Down.                               | 18 Cygnet Climbing on its Mother's Back.            |
| 3 Female Swan with Clutch of Eggs.   | 12 Male Swan Coaxing Cygnets.                            | 19 Female Swan Sitting with the Cygnets Beside Her. |
| 4 " Dropping on Eggs.                | 13 " Shaking Cygnets for Attempting to Climb his Back.   | 20 Cygnets on their Mother's Back.                  |
| 5 Male Swan Charging on Land.        | 14 The Family Afloat.                                    | 21 " " "  |
| 6 " Flying to Defend Nest.           | 15 Back to the Nest: Male swan attending to straggler.   | 22 " " "  |
| 7 " Attacking Dog in Shallows.       | 16 Female Pluming herself: One cygnet sitting on an egg. | 23 " " "  |
| 8 " Rearing to Fly at Dog.           |  | 24 " " "  |
| 9 Feeding Male Swan.                 |  | 25 One Refractory Cygnet Left in Nest.              |
|                                      |  | 26 Cygnets Feeding Themselves                       |
|                                      |  | 27 The Family Ashore.                               |

## ZT

## WILD LIFE, ETC.

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- |  |  |
|--|--|
| 1 Bampton Cliff-climbers, Group of Climbers, with Tackle.                          | 45 Tawny Owl on Nest in Rabbit Burrow                    |
| 2 " Climber going backward over Cliff.   | 46 Partridge on Nest.                                    |
| 3 " View of Cliff, 300ft. high, with Climbers at Work.                             | 47 Pheasant on Nest.                                     |
| 4 " The Pullers at Work on Cliff-top.  | 48 Tree Pipit on Nest.                                   |
| 5 " Climber walking up the Face of Cliff.  | 49 " Beside Nest.  |
| 6 " Climber nearing the Cliff-top.   | 50 Robin on Greenhouse.                                  |
| 7 " Climber at the Top.  | 51 Sandpiper, Haunt of.                                  |
| 8 " Climber emptying his Pouches.  | 52 " On Nest.  |
| 9 " A Heap of 300 Eggs of Guillemots and Razorbills.                               | 53 " Nest and Eggs.                                      |
| 10 " Birds on the Cliff Ledges.  | 54 Skylark on Nest.                                      |
| 11 Carrion Crow.   | 55 " Feeding Young.                                      |
| 12 Cuckoo (young) on Nest of Pied Wagtail.   | 56 " Young, on Nest.                                     |
| 13 Curlews, Two Young.   | 57 Snipe on Nest.  |
| 14 Turtle Doves, a Pair of Young.  | 58 " Two Young.  |
| 15 Spotted Flycatcher beside Nest.   | 59 Starling about to feed Young.                         |
| 16 " Young Bird.   | 60 Missel Thrush feeding Young.                          |
| 17 Young Red Grouse among Heather.   | 61 Song Thrush at Home.                                  |
| 18 Black-headed Gulls. A pretty View of Island with Birds on Nest and on the Wing. | 62 Great Tit with Food for Young.                        |
| 19 " General View of Gullery.  | 63 A White Turkey.                                       |
| 20 " Young just Hatched, showing another pecking its Way out of Egg.               | 64 Grey Wagtail on Nest.                                 |
| 21 " On Nest.  | 65 Sedge Warbler feeding Young.                          |
| 22 " Standing beside Nest.   | 66 Willow Warbler entering Nest.                         |
| 23 Merlin Hawk on Nest.  | 67 Wheatear near its Nest.                               |
| 24 Nightjar (young), 10 days' old.   | 68 Whitethroat feeding Young.                            |
| 25 " " 3 weeks' old.   | 69 Woodcock on Nest.                                     |
| 26 A White Jackdaw.  | 70 Green Woodpecker, Nesting Site, showing Hole in Tree. |
| 27 A Young Jay.  | 71 " " Pair of Young.                                    |
| 28 Jays (young) on Edge of Nest.   | 72 " " Family of Young.                                  |
| 29 " Showing Crest.  | 73 Wren feeding Young.                                   |
| 30 Kingfisher at Home.   | 74 A Baboon in a Fit of Temper.                          |
| 31 Knots, A Group of.  | 75 The Badger.   |
| 32 Lapwing.  | 76 A West Highlander (Bull).                             |
| 33 " Nest and Eggs, with young one just Hatched.                                   | 77 Dogs, Foxhounds at the Kennels.                       |
| 34 " Nest of Young.  | 78 " " Out for Exercise.                                 |
| 35 A Pair of Young Magpies.  | 79 " " A Meet of the Hounds.                             |
| 36 Mallard (Wild Duck) on Nest.  | 80 " Young Lupetti Dogs.                                 |
| 37 " Nest Covered, as left by Bird.  | 81 " A Retriever (head study).                           |
| 38 " Nest Uncovered, showing Eggs.   | 82 A Young Wild Fox leaving Fox-earth.                   |
| 39 King Ousel on Nest.   | 83 Horse (a head study).                                 |
| 40 Barn Owl, Nesting Tree.   | 84 Field Mouse Nest with Young.                          |
| 41 " " Interior View, showing Eggs and Mice.                                       | 85 Otters, A Pair of Young.                              |
| 42 A Young Long-eared Owl.   | 86 " Leaving Pond after a Bath.                          |
| 43 " " Two in Nest.  | 87 Pigs, A Study in Black and White.                     |
| 44 " " On Twig.  | 88 Rabbit (young) at the Entrance of Burrow.             |
|  | 89 Wildflowers <i>in situ</i> , Daisies in Field.        |
|  | 90 " " Forget-me-nots in Whins                           |
|  | 91 " " Primrose Root in Wood.                            |
|  | 92 " " Wood Anemone.                                     |
|  | 93 " " Water Ranunculus.                                 |

## EDUCATIONAL SERIES OF SLIDES—Continued.

## 8RU

## NATURAL HISTORY SUBJECTS.

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- 1 A hungry Raven
- 2 On the sea shore
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- 4 A successful foray
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- 6 Highland poachers
- 7 Plovers
- 8 Terns, a sheltered corner
- 9 Bystanders at sunrise
- 10 A drive
- 11 Grouse gliding up to the guns
- 12 A Merlin seizing her prey
- 13 Wildfowl on the mud flats
- 14 Snipe boring
- 15 On the outlying heath
- 16 The first drive of the season
- 17 The home of the Ptarmigan
- 18 Falcon on the watch
- 19 Woodcock dropping into cover
- 20 Spent (Fox)
- 21 Condemned to death (Stags)
- 22 Through the deep drift (Stags)
- 23 Mallards off the Coast
- 24 Guillemots and Puffins
- 25 Goldfinches [Coast]
- 26 Cormorants on the Wild West
- 27 Christmas Visitors (Field Fares)
- 28 Norwegian Hawk Owl
- 29 Black Game [Plumage]
- 30 Ptarmigan in Summer
- 31 The Poacher (two birds)
- 32 Condor of the Andes Eagle
- 33 Peregrine Falcon and Ptarmigan
- 34 The Moors, Blackcock [gan]
- 35 Partridges in Winter Months
- 36 Hen and Cock Pheasant on Nest
- 37 Hare and Pheasants at Rest
- 38 Wild Duck Shooting
- 39 Grouse-shooting: Flanking the Pack into the Guns
- 40 Pheasants in Close Time
- 41 Grey Hen and Nest [Plumage]
- 42 Partridges in Mid-September
- 43 Sparrow Hawk raiding a flock
- 44 Black Game [of Chaffinches]
- 45 Mallard going down wind
- 46 Parent Partridges and the last of their brood; the Cock and Hen distinguished by Plumage
- 47 Greenland Falcon, Adult Plumage
- 48 Three Herons in Flight [age]
- 49 "Coveys fairly large and Birds well grown"
- 50 The latest Hybrid Pheasants, descendants of English-Japanese parents
- 51 A Disregarded Warning: A Stoat killing a Rabbit under a Gamekeeper's Trophy of Vermin
- 52 An Unexpected Enemy. Fox about to spring on pheasant. Snow scene.
- 53 Fight between Fox and Stoat in Snow.
- 54 Peewits Alarmed by Part-ridges. A nest disturbed.
- 55 Havoc. Stoat raiding a part-ridge's Nest.
- 56 Peregrine Falcon Teaching its Young to Stoop.
- 57 The Tree-Warbler.
- 58 Wild Ducks Entering a Decoy Pond at Daybreak.
- 59 Fox Hunting Hares.
- 60 The first glimpse of the beaters
- 61 The Pacific Elder Duck at Home.
- 62 The Humming-Bird.
- 63 Birds of Paradise, I.
- 64 " " " " II.
- 65 The Secretary Bird and Common Rock Snake of Natal.
- 66 Swans, whistling and mute.
- 67 Scoresby's Gull (June, 1905).
- 68 The Honey-Buzzard Riffing a Wasps' Nest of Larvae.
- 69 Bird Snarers at Work.
- 70 Searing Wild Fowl.
- 71 Extinct and Vanishing Birds.
- 72 Wing of Bird (Green Canary).
- 73 Grey Parrots and Nestlings.
- 74 White Raccoon Dog ("Knowledge," April, 1905).
- 75 Like and yet Unlike. An Asiatic (A) and an African (B) Flying Squirrel. ("Knowledge," March, 1902.)
- 76 The Glossy Ibis ("Knowledge," March, 1905).
- 77 A Lion in Jungle.
- 78 An Unbidden Guest. Lion in search of food.
- 79 Tiger's Head. *Very fine.*
- 80 The Last of the Quaggas. ("Knowledge," Oct., 1902.)
- 81 The White-tailed Gnu.
- 82 Head and forequarters of the Aye-Aye, the most remarkable of the Malagasy Lemnroids (Dec., 1901).
- 83 Pair of Arabian Baboons.
- 84 The Great Marions Tortoise (*Testudo Sumeirei*) now living at Port Louis, Mauritius (March, 1903).
- 85 Pair of Brazilian Tortoises.
- 86 Tortoise with Eggs in Garden.
- 87 Common Frog.
- 88 Common Toad.
- 89 The King Crab.
- 90 Oriental River Prawn. *Palammar Lar Fabricius*. From Spence Bate (Oct., 1899).
- 91 Arctic Shrimp. *Sclerocrangon ferox* Sars. From Sars (Oct., 1899).
- 92 Forster's Lung-fish, *Ceratodus forsteri* (March, 1906).
- 93 Marked Plaice, which travelled 40 miles in 20 days, and was then recaptured (July, 1905).
- 94 The Tereido. A mollusc which eats into the Submarine Cable.

## FUR-BEARING ANIMALS.

- 95 Silver Fox.
- 96 The Ermine.
- 97 White Fox and Squirrel.
- 98 Mink and Sable.
- 99 The Opossum.
- 100 The Beaver and the Canadian Otter.

## 8CF

## NATURAL HISTORY SUBJECTS.

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- 1 Flight Netting at Friskney
- 2 Bray Taking Birds Out of Net
- 3 " " at Nets
- 4 The Wildfowler Loading the Old Gun
- 5 Black-headed Gull in Net
- 6 Young Great Black-backed Gull in Net
- 7 Common Gull in Net
- 8 Squirrel
- 9 Squirrel sitting in a tree
- 10 The Gamekeeper
- 11 Pheasant Shooting
- 12 Partridge Shooting—the First
- 13 Keeper's Museum, Owls, Weasels, etc.
- 14 Pole Trap
- 15 Weasel Trap
- 16 Hare
- 17 Rabbit looking out of hole
- 18 Rabbit in the grass
- 19 Rabbitting with Ferret
- 20 Rabbit Shooting
- 21 Hedgehog
- 22 Rat
- 23 Tawny Owl with Mouse
- 24 Castings of Barn Owl
- 25 Mouse bones from Barn Owl casting
- 26 Long-tailed Field Mouse
- 27 Dormouse
- 28 Mouse in trap
- 29 Axis deer. Leonardalee Park
- 30 Bennett's Wallabies, Leonardalee Park
- 31 " " "
- 32 Prairie dogs " "
- 33 Prairie dogs looking out of a hole, Leonardalee Park
- 34 Viper basking
- 35 Lizard
- 36 Chameleon
- 37 Common Bat, Pipistrelle
- 38 Spider in Web
- 39 Stick Caterpillars (*Sambucata*)
- 40 Larva Purple Emperor
- 41 " Lobster Moth
- 42 Larva of Eyed hawk moth. *S. ocellatus*
- 43 " " Lime hawk moth. *S. hile*
- 44 " " Puss moth. *D. vinula*
- 45 Pupa of Orange-tip butterfly, *A. cardamines*
- 46 " " Swallow-tail butterfly. *P. machaon*
- 47 " " Privet hawk moth. *S. agestis*
- 48 Slide showing butterfly. *Kallima*. Upper side and under side imitating dead leaf.
- 49 Slide showing protected butterflies and others of different genera imitating them
- 50 Slide showing protected butterflies and others of different genera imitating them
- 51 Silver-washed Fritillary Butterfly on Bramble
- 52 White Admiral Butterfly on Honeysuckle
- 53 Lappet Moth, just hatched, on empty cocoon
- 54 Crayfish
- 55 Trout Fishing
- 56 Roach Fishing
- 56 Newt coming to surface of water to breathe

**8TH NATURAL HISTORY SUBJECTS.**

Photographed from Life by DOUGLAS ENGLISH, B.A., F.R.P.S., of Hawley, Dartford.

A large number of these slides are from unique photographs which have been used in illustration of several standard works of Natural History, both in this country and abroad. A selection of them was awarded the Medal of the Royal Photographic Society in 1901, and a further selection is permanently exhibited in the British Museum (Natural History), South Kensington.

Books recommended: "Wee Tim'rous Beasties," "Beasties Courageous," "Photography for Naturalists," "One Hundred Photographs of Mice" (English), "British Lizards," "British Serpents" (Leighton), "The Natural History of Some Common Animals" (Latter).

For lecture purposes Mr. English's articles on "Mammalia, Reptilia, and Amphibia" in Cassell's Nature Book will be found especially useful. In addition to life-pictures, a number of slides illustrative of structure, nests, and so forth are included. Mr. English would welcome the suggestion of subjects which would make the series more useful and complete.

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**MAMMALIA.****ORDER CHEIROPTERA (BATS).**

- 1 Long-eared Bat (*Plecotus auritus*), dorsal view.
- 2 " " side view.
- 3 " " front view.
- 7 Serotine Bat (*Vesperugo serotinus*) front view.
- 8 " " side view.
- 13 Noctule Bat (*Vesperugo noctula*) front view.
- 14 " " three-quarter view.
- 15 " " descending trunk.
- 16 " " pair of.
- 16 Common Bat (*Vesperugo pipistrellus*), front view.
- 20 " " showing teeth.

**ORDER INSECTIVORA.**

- 31 Hedgehog (*Erinaceus Europæus*), side view.
- 32 " " front view.
- 33 " " dorsal view.
- 34 " " coiled.
- 35 " " attacking grass-snake.
- 36-41 Six Successive Stages of a Hedgehog uncoiling.
- 42 Two Young Hedgehogs in Nest.
- 43 An Old Hedgehog climbing.
- 44 Magnified section of pointed end of Hedgehog's Quill.
- 45 " " root end.
- 46 " " transverse section of Quill.
- 47 " " superficial view of Quill.
- 53 Mole (*Talpa Europæa*), side view.
- 53 " " with eyes clearly displayed.
- 54 " " devouring worm.
- 55 " " burrowing.
- 56 " " emerging.
- 60 Bones of the Mole's Fore-limb.
- 61 " " with Bones of Shrew-mouse for comparison.
- 63 Magnified vertical section through Mole's Mandible.
- 63 " " superficial view of Mole's Mandible.
- 64 " " grinding surface of worn Lower Molars.
- 65 " " ventral aspect of Upper Jaw.
- 66 Vertical section of simple Mole Fortress.
- 67 " " complicated Mole Fortress, four nests in situ.
- 68 Reconstruction of Interior of Mole's Fortress.
- 69 Mole's Zig-zag Surface Run.
- 76 Common Shrew Mouse (*Sorex araneus*), side view.
- 77 " " running.
- 78 " " sitting up.
- 79 Duel between Common Shrew Mice, feinting for opening.
- 80 " " one combatant caught by tail.
- 81 " " close-locked spin.
- 82 " " breaking away.

- 83 Pygmy Shrew Mouse (*Sorex minutus*) front view.
- 84 " " dorsal view.
- 85 " " climbing.
- 86 " " hunting insect.
- 87 " " eating beetle.
- 88 " " asleep.
- 89 Water Shrew Mouse (*Crossopus fodiens*), foraging at edge of water.
- 90 " " about to dive.
- 94 Shrew Mouse Skin, with Hair parted to show Scent-glands.
- 96 Front view of Head of dead Shrew Mouse, showing vibrissæ.
- 96 Hibernating Glands of Shrew Mouse.
- 97 Magnified Skull of Common Shrew Mouse.
- 98 " " Mandible of " "
- 99 " " Upper Jaws of " "
- 100 Magnified vertical section through Mandible of Water Shrew Mouse.
- 101 Skulls and Fore-limb Bones of the Pygmy Shrew Mouse, an immature Common Shrew Mouse of the same size, and a mature Common Shrew Mouse.
- 102 Dead specimens of the Pygmy Shrew Mouse and an immature Common Shrew Mouse, showing the external specific differences.
- 105 Badger (*Meles taxus*), side view.
- 106 " " emerging from burrow.
- 107 " " pair of.
- 108 Badger's Skull, side view.
- 109 " " dorsal view.

**ORDER CARNIVORA.**

- 110 Marten (*Mustela martes*), side view.
- 111 " " standing.
- 112 " " sliding on bough.
- 113 " " with extended neck.
- 114 " " "
- 118 Polecat (*Putorius fortidus*), front view.
- 119 " " with extended neck.
- 120 " " asleep.
- 124 Stoat (*Putorius erminea*), front view, sitting up.
- 125 " " front view, crouching.
- 126 " " side view.
- 127 " " coiled.
- 131 Weasel (*Putorius vulgaris*) side view.
- 132 " " listening.
- 133 " " with extended neck.
- 134 " " coiled.
- 135 Weasel Kittens.
- 136 Skulls of Stoat and Weasel, showing dentition and articulation of Jaws.
- 170 Squirrel (*Sciurus vulgaris*), side view.
- 171 " " front.
- 172 " " standing.
- 173 " " sitting up.
- 174 " " listening.

**ORDER RODENTIA.**



## EDUCATIONAL SERIES OF SLIDES.—Continued

## NATURAL HISTORY SUBJECTS—Continued.

- |  |   |
|--|---|
| 177 Dormouse ( <i>Muscardinus avellarius</i> ) front view.   | 231 Common Meadow Mouse, feeding.                                   |
| 178 " side view.   | 232 Magnified right Upper and Lower Molars of same.                 |
| 179 " three-quarter view.  | 233 Albino Variety of same, front view.                             |
| 180 " asleep.  | 234 " side view.  |
| 181 Nest of Dormouse in furze Bush.  | 235 " feeding.  |
| 182 Nuts gnawed by Dormouse.   | 236 Orkney Meadow Mouse ( <i>Microtus orcadensis</i> ), front view. |
| 186 Harvest Mouse ( <i>Mus minutus</i> ), feeding.   | 237 " side view.  |
| 187 " side view.   | 238 " sitting up.   |
| 188 " front view.  | 239 Duel between pair of same.                                      |
| 189 " climbing.  | 240 Typical Surface-run of Meadow Mouse, laid open.                 |
| 190 Pair of Harvest Mice.  | 241 Opened Entrance of same.  |
| 191 " showing use of Prehensile Tail.  | 250 Water Rat ( <i>Microtus amphibius</i> ), front view.            |
| 192 Harvest Mouse's Nest.  | 251 " side view.  |
| 196 Long-tailed Field Mouse ( <i>Mus sylvaticus</i> ), front view.   | 252 " entering water.   |
| 197 " side view.   | 253 " swimming river.   |
| 198 " three-quarter view.  | 254 " feeding on reed.  |
| 199 " under dandelion.   | 255 Duel between Water Rats.  |
| 200 " crouching, with depressed ears.  | 256 Skull of Water Rat.   |
| 201 " listening.   | 257 Magnified Lower Molars of same.                                 |
| 203 Magnified right Upper and Lower Molars of same.  | 262 Common Brown Rat ( <i>Mus decumanus</i> ), front view.          |
| 206 Common Mouse ( <i>Mus musculus</i> ), front view.  | 263 " side view.  |
| 207 " side view.   | 264 " three-quarter view.   |
| 208 " standing.  | 265 " feeding.  |
| 209 " on trap.   | 266 " running.  |
| 210 " entering trap.   | 267 " emerging from hole.   |
| 211 " in trap.   | 271 Alexandrine Brown Rat ( <i>Mus alexandrinus</i> ), front view.  |
| 212 Duel between House Mice.   | 272 " side view.  |
| 213 Cinnamon Variety of Common Mouse (Partial albino).   | 276 Old English Black Rat ( <i>Mus rattus</i> ), standing.          |
| 217 Red-backed Meadow Mouse ( <i>Eutamias glareolus</i> ), front view.   | 277 " listening.  |
| 218 " side view.   | 278 " collecting nest-material.                                     |
| 219 " three-quarter view.  | 282 Alexandrine Black Rat ( <i>Mus rattus ater</i> ), side view.    |
| 220 " burrowing.   | 283 " sitting up.   |
| 221 " cleaning tail.   | 284 " feeding.  |
| 223 Skulls of Red-backed Meadow Mouse, Common Meadow Mouse, and Long-tailed Field Mouse, showing specific differences. | 285 Hare ( <i>Lepus timidus</i> ), in form.                         |
| 223 Mandibles of same.   | 287 Leveret ( <i>Lepus timidus</i> ), front view.                   |
| 224 Nest Material of Red-backed Meadow Mouse.  | 288 " side view.  |
| 225 Magnified right Upper and Lower Molars of same.  | 289 Hare, front view.   |
| 229 Common Meadow Mouse ( <i>Microtus agrestis</i> ), front view.  | 290 " side view.  |
| 230 " side view.   | 291 " three-quarters.   |
|  | 292 Upper Jaw of Leveret.   |
|  | 295 Wild Rabbit.  |
|  | 296 Rabbit appearing over Ridge.                                    |

## AMPHIBIA and REPTILIA.

ORDER AMPHIBIA.

- 329 Grass Frog (*Rana temporaria*), side view.  
331 " " front view.  
332 Spawn of Grass Frog, early stage.  
333 " " eggs commencing to hatch.  
334 Magnified Spawn, tadpoles showing branchiae.  
335 Dorsal and lateral views of Tadpoles showing branchiae.  
336 Tadpoles feeding on Star-wort.  
337 Various stages of Tadpoles, showing development of Limbs.  
338 " " " " " "  
339 Edible Frog (*Rana esculenta*), side view.  
343 " " gaping.  
344 " " croaking, vocal sacs distended.  
345 " " climbing.  
346 Common Toad (*Bufo vulgaris*), side view.  
347 " " front view.  
348 " " floating in water.  
349 Group of Three Common Toads.  
350 Shoulder-girdles of Grass Frog and Common Toad.  
351 Natterjack Toad (*Bufo calamita*), front view.  
352 " " side view.  
353 " " stretching himself.  
354 Natterjack and Common Toad together.  
355 Variable Toad (*Bufo viridis*), side view.  
356 " " front view.  
357 Tree Frog (*Hyla arborea*), climbing.  
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## EDUCATIONAL SERIES OF SLIDES—Continued.

## NATURAL HISTORY SUBJECTS—Continued.

## ORDER REPTILIA.

- 449 Slow-worm (*Anguis fragilis*), full stretch.  
 450 " in complicated knot.  
 451 " coiled.  
 452 Female Slow-worm laying Egg. Three eggs shown clearly, out of one of which a young slow-worm is hatching.  
 453-458 Six stages in the Hatching of a young Slow-worm from the Egg.  
 459 Two young Slow-worms.  
 465 Common Lizard (*Lacerta vivipara*), male.  
 466 " female.  
 469 Sand Lizard (*Lacerta agilis*), male.  
 470 " female.  
 474 Green Lizard (*Lacerta viridis*), male.  
 476 Wall Lizard (*Lacerta muralis*), side.  
 477 " showing light.  
 490 Chameleon (*Chamaeleon vulgaris*), front view.  
 491 " side view.  
 495 Grass Snake (*Tropidonotus natrix*), full length.

- 496 Grass Snake, head reared.  
 497 " coiled.  
 498 Eggs of Grass Snake.  
 502 Smooth Snake (*Coronella austriaca*), full length.  
 503 " coiled.  
 504 " sloughing, eye-scale opaque.  
 505 " dorsal view.  
 509 Adder (*Pelias berus*), striking.  
 510 " front view of head.  
 511 " coiled.  
 512 Adder raising head.  
 513 Small Red Adder striking.  
 514 " dorsal view of head.  
 516 Dissection of Adder's Head, showing poison glands.  
 517 Adder's Skull, fangs depressed.  
 518 " fangs erected.  
 519 Adder's Fang, side view.  
 520 " front view.

## PISCES (FISH).

- 540 Young Perch (*Perca fluviatilis*).  
 541 Bullhead (*Cottus gobio*).  
 542 Eel (*Anguilla vulgaris*), leaving water.  
 543 Gudgeon (*Gobio fluviatilis*).  
 544 Roach (*Leuciscus nitidus*).  
 545 Loach (*Nemachilus barbatulus*).  
 546 Trout (*Salmo fario*).

- 547 Sticklebacks (*Gasterosteus aculeatus*).  
 548 Stickleback and Nest.  
 549 Paradise Fish (*Polycanthus viridi-auratus*).  
 560 Lampern (*Petromyzon fluviatilis*).  
 561 " ventral surface.

## INSECTA (INSECTS).

## ORDER LEPIDOPTERA.

a, signifies wings spread; b, wings half-spread; c, wings closed; m, protective or aggressive mimicry.

- 570 Swallow-tail (*Papilio Machaon*). a  
 571 " " " b  
 572 " " " c  
 575 Large White (*P. Grassica*). c  
 577 Green Veined White (*P. Napi*). b  
 578 " " " c  
 580 Orange Tip (*E. cardamines*). a  
 581 " " " b  
 582 " " " c  
 583 " " " m  
 586 Pale Clouded Yellow (*C. Hyale*). c  
 588 Brimstone (*G. Rhamni*). c  
 589 " " " on holly. m  
 592 Small Pearl-bordered Fritillary (*A. se-  
 lene*). a  
 593 " " " c  
 594 Silver Washed Fritillary (*A. paphia*). a  
 595 " " " " b  
 596 " " " " c  
 597 " " " " m  
 606 Comma (*V. c-album*). a  
 607 " " " c  
 609 Large Tortoiseshell (*V. polychloros*). a  
 610 " " " " b  
 611 " " " " c  
 613 Small Tortoiseshell (*V. urticae*). a  
 616 Peacock (*V. io*). a  
 617 " " " c  
 619 Camberwell Beauty (*V. antiopa*). a  
 620 " " " c  
 623 Red Admiral (*V. atalanta*). a  
 624 " " " b  
 626 Painted Lady (*V. cardui*). a  
 627 " " " c  
 629 White Admiral (*L. sibylla*). a  
 630 " " " c  
 631 Chrysalis of same. " a  
 633 Purple Emperor (*A. iris*). a  
 634 " " " b  
 635 " " " c  
 636 Egg of same.

- 637 Larva of same. m  
 638 Pupa of same. m  
 639 Pair of Purple Emperors. a, c  
 642 Marbled White (*M. Galatca*). a  
 643 " " " b  
 650 Grayling (*S. semele*). c  
 653 Ringlet (*E. hyperanthus*). c  
 658 White-letter Hair Streak (*T. w-album*). c  
 659 Pair of same. m  
 663 Green Hair Streak (*T. rubi*). c  
 669 Common Blue (*L. icarus*). a  
 670 " " " c  
 672 Chalk Hill Blue (*L. corydon*). a  
 674 Holly Blue (*L. argiolus*). c  
 678 Duke of Burgundy (*N. lucina*). a  
 679 " " " c  
 681 Grizzled Skipper (*S. malva*). a  
 682 " " " c  
 684 Small Skipper (*H. thaumas*). a  
 690 Death's Head Hawk Larva (*S. atropos*). m  
 691 " " " m  
 693 Privet Hawk Larva (*S. ligustri*). m  
 696 Large Elephant Hawk Larva (*S. elpenor*), early stage.  
 697 " " " full fed.  
 698 " " " full fed. m  
 702 Humming Bird Hawk Moth (*M. stellatarum*).  
 705 Hornet Clearwing (*T. apiformis*), dorsal view. m.  
 706 " " " side view. m  
 707 " " " front view. m  
 708 " " " three-quarter view. m  
 709 " " " " m  
 715 Larva of Cinnabar Moth (*E. Jacobae*). m  
 718 Cream Spot Tiger (*A. villica*).  
 720 White Ermine (*S. Menthastris*), dorsal view.  
 721 " " " front view.  
 723 Larva of Gold-tail Moth (*Auriflua*), dorsal view.  
 724 " " " side view.  
 727 Lappet Moth (*L. quercifolia*).  
 740 Larva of Emperor Moth (*S. pavonia*).  
 741 Cocoon of same.  
 742 Female Emperor Moth.  
 747 Scalloped Hook-tip, dorsal view.  
 748 " " " front view.  
 749 " " " side view.

## EDUCATIONAL SERIES OF SLIDES—Continued.

## NATURAL HISTORY SUBJECTS—Continued.

- 750 Larva of Puss Moth (*D. vinula*). m  
 751 " whips extended. m  
 752 Cocoon of same. m  
 753 Puss Moth, front.  
 754 " side.  
 756 Buff Tip (*P. bucephala*), dorsal view. m  
 757 " side view. m  
 770 Mother Shipton (*E. mi.*), dorsal view.  
 771 " side view.  
 774 Swallow Tail Moth (*U. sambucaria*), dorsal view.  
 775 " side view.  
 776 Large Emerald (*G. papilionaria*), dorsal view.  
 777 " side view.  
 780 Common Ware (*C. exanthemaria*).  
 781 " impaled on thorn by wind.  
 784 Currant Moth (*A. grossulariata*).  
 787 Beautiful Carpet (*N. albicillata*).  
 788 Treble Bar Moth (*A. plagiata*).  
 790 White Plume Moth (*A. pentadactyla*), dorsal view.  
 791 " side view.  
 792 Pair of Plume Moths.  
 796 Long-horn Moth (*Adela*).  
 798 Larva of Lobster Moth (*S. fagi*). m  
 799 " feeding.  
 800 Pair of same.  
 802 Larvae of Purple Thorn (*Trimaculata*). m  
 804 Pupae of Brimstone and Peacock Butterflies.  
 805 Pupae of Swallow-tail, Silver-washed Fritillary and large Tortoiseshell Butterflies.  
 806 Small Black and White Moth, mimicry of excrement.

## ORTHOPTERA.

- 815 Common Cockroach (*B. orientalis*), side view.  
 816 " on mouse-trap.  
 817 Common Grasshopper (*Stenobothrus*).  
 818 Pair of same.  
 822 Tettix bipunctatus.  
 826 Green Sabre-tailed Grasshopper (*L. punctatissima*), female.  
 829 Tree Grasshopper (*M. varium*), female.  
 831 *L. punctatissima* and *M. varium* together.  
 834-7 Four stages of the Brown Sabre-tailed Grasshopper (*T. cinereus*).  
 838 Pair of Male *T. cinereus*.  
 840 Great Green Grasshopper (*L. viridissima*), female.  
 841 " dorsal view.  
 842 " legs raised.  
 850 Field Cricket (*Gryllus campestris*), side view.  
 851 " front view.  
 852 " backing out of hole.  
 853 " stridulating at entrance of hole.  
 854 Pair of same.  
 855 Immature Female of same (no ovipositor).  
 860 Mole Cricket (*Gryllotalpa gryllotalpa*), side view.  
 861 " three-quarter view.  
 863 House Cricket (*Gryllus domesticus*), side view.  
 866 " dorsal view.

## HYMENOPTERA.

- 880 Giant Wood-wasp (*S. gigas*) dorsal view.  
 881 " side view.  
 882 " ventral view.  
 885 Larva of Sawfly.  
 887 Ichneumon Fly (*Proteus*).  
 888 Ichneumon Fly (*Ophion*).  
 892 Common Wasp (*Vespa vulgaris*), side view.  
 893 " front view.  
 894 Queen of same hibernating.  
 898 Sand-wasp (*O. spinipes*), see also Life History of Mud Wasp.  
 899 Sand-wasp (*Ammophila sabulosa*).

- 901 Sand-wasp (*Boops*), front view.  
 902 " side view.  
 903 " dorsal view.  
 904 Sand-wasp (*Flavipes*), side view.  
 905 " dorsal view.  
 907 Rubytail (*Chrysis ignita*).  
 912 Dipterous Fly devouring small Sand-wasp.  
 914 Cuckoo of the Leaf-cutter Bee (*Cœlioxya*).  
 916 Burrowing Bee (*Anthophora pilipes*), dorsal view.  
 917 " side view.  
 918 Cuckoo of same (*Melecta armata*), dorsal view.  
 919 " side view.  
 920 " front view.  
 924 Humble Bee (*Bombus terrestris*), on daffodil.  
 925 " on hyacinth.  
 926 Solitary Wasp (*Crabro cribarius*).

## NEUROPTERA, DIPTERA, AND TRICHOPTERA.

- 940 Dragon Fly (*L. depressum*).  
 942 " (*Cordulegaster*).  
 944 " (*Calopteryx*).  
 946 " (*Agriion*).  
 948 Lacewing Fly (*Chrysopa*), dorsal view.  
 949 " side view.  
 950 Stalked Eggs of same.  
 952 Crane Fly (*Tipula*), on bramble.  
 953 Bee Fly (*Bombylius*), on thyme. m  
 954 " on scabious. m  
 956 Wasp Fly (*Volucella*).  
 957 Hover Fly (*Syrphus*).  
 959 Caddis Worm, with casing of star-wort leaves. m  
 960 Caddis Fly (*Phryganea grandis*)  
 961 Drone Fly (*Eristalis*), on Golden Rod.

## COLEOPTERA.

- 980 Tiger Beetle (*Cicindela*), dorsal view.  
 981 " side view.  
 986 Great Water Beetle (*H. piceus*), male.  
 987 " female.  
 988 " female and larva.  
 991 Devil's Coach-horse (*O. olens*), dorsal view.  
 992 " side view.  
 998 Burying Beetle (*Humator*).  
 999 Burying Beetle (*Vespillo*), on dead mouse.  
 1001 Cockchafer (*Melolontha*), dorsal view.  
 1003 " taking flight.  
 1004 Musk Beetle (*Aromia moschata*), dorsal view.  
 1005 " side view.  
 1007 Male Stag Beetle (*L. cervus*), dorsal view.  
 1008 " front view.  
 1009 Female Stag Beetle, with Larva in situ.  
 1011 Death Watch Beetle (*Anobium*).  
 1013 Rose Beetle (*Cetonia aurata*).  
 1014 Wasp Beetle (*Clytus arcticus*), dorsal view. m  
 1015 " side view. m  
 1016 " front view. m  
 1017 Bloody-nosed Beetle (*Timarcha*).  
 1019 Dor Beetle (*Geotrupes*).  
 1021 Wire Worm (*Elatr*), dorsal view.  
 1022 " side view.  
 1024 Soldier Beetle (*Telephorus*).  
 1026 Long-horn Beetle (*Strangalia*), dorsal view.  
 1027 " side view.  
 1029 Broad-thighed Beetle (*Oedemera*).

## HETEROPTERA, ETC.

- 1040 Water Boatman (*Notonecta glauca*).  
 1041 Water Scorpion devouring Larva of Dragon Fly (*Nepa cinerea*).  
 1042 Silver Fish (*Lepisma*).

## ARACHNIDE (SPIDERS).

- 1050 Mimicking Spider (*Thomisus*), on bramble.  
 1051 " with fly.  
 1052 " mimicking bramble-blossom. m

## EDUCATIONAL SERIES OF SLIDES—Continued.

## XU

## "BEASTIES COURAGEOUS."

A Collection of Nature Stories founded on observed fact.

These Slides are all photographed from life.

Descriptive Book by DOUGLAS ENGLISH, B.A., F.R.P.S., author of "Wee, Tim'rous Beasties" (Bousfield &amp; Co.), 5s. net.

Plain Photographic Slides, 1s. 6d. each.

## I.—The Water Rat.

- 1 "Can you tell me where I am?" said the Roach beneath him.
- 2 "Can you tell me?" said the Water Rat.
- 3 The lone Water Rat.
- 4 He scarce had strength to drag himself ashore.
- 5 Here was flowing, whirling water.
- 6 Stared with all his eyes.
- 7 She met him with a whirlwind of fore-paws.
- 8 He sat apart and feigned indifference.
- 9 Arched like a Weasel, bustling like a Hedgehog.
- 10 He backed into a corner.
- 11 The Lady watched his landing.

## II.—The Daring of the Wood Mouse.

- 1 He who was of all mouse-folk the handsomest.
- 2 Moreover, she was cinnamon, with carmine eyes.
- 3 He met a vole or two.
- 4 He raised his head and sniffed.
- 5 Huddled together, they formed by the entwinement of their bodies a triple-headed monster.
- 6 The Mother Weasel stood upright.
- 7 He forged diligently.
- 8 He chanced to gaze upward.
- 9 High on the wall above me sat Primalkin.
- 10 He sat up fumbling with his fore-paws.
- 11 As he crouched in the shelter of the dock-leaves.

## III.—The Unjust Nihilation of the Toads.

- 1 He sat a bare ten feet above me.
- 3 Crooking his head as though to hear them better.
- 3 Indignation changed to menace.

## 4 Enter the King Toad.

- 5 In their presence he relaxed his dignity.
- 6 They left the presence almost at a run.
- 7 Met mutual agreement in each other's eyes.
- 8 He has a yellow stripe upon his back.
- 9 So he passes out of the Tale.
- 10 The Toads surveyed their destination gloomily.
- 11 In it, or, rather, half within it, was an Eel.
- 12 Once more they ranged on either side of him.
- 13 Life, rainbow-tinted, glitters in the depths of it.
- 14 Fishes with long, waving tails.
- 15 He is a lonely bachelor.
- 16 Rested a moment on the surface.

## IV.—The White Vole.

- 1 She was white from nose-tip to tail-top.
- 2 We both saw it plainly.
- 3 Leapt suddenly from sheltering grass tufts.
- 4 Tore madly up and down the runs.
- 5 This set her thinking.
- 6 She made supper off six blades of grass.
- 7 The Red Vole held the house.
- 8 "Certainly not!" shouted the Vole from the Hebrides.
- 9 "Yes, I live under that."
- 10 "I am at home most days."
- 11 Yet he must pass it somehow.
- 12 So making the best front he could he arched himself.
- 13 Stood facing him on her hind legs.
- 14 If she sat on him, she could mean no harm.
- 15 So they went up the bank together.
- 16 "Whiskers!" he cried, "there's two Ghosts now!"
- 17 Fought him to such good purpose that he screamed for mercy.
- 18 The White Vole is the Vole of Voles.

## V.—The Keeper's Tree.

- 1 Showed her graceful form full front.
- 2 He saw the Marten.
- 3 She leapt on to the bough above.
- 4 Craned her long neck.
- 5 The Stoat came from the brambles.
- 6 Looked back across his shoulder.
- 7 Mouse-hunting was her wont.
- 8 Whisked round upon a stone.
- 9 As a moth crosses the flames.
- 10 Fate led towards the second entrance.
- 11 Stopped as he saw the Weasel.
- 12 The light fell full upon the Polecat.
- 13 He would fight for it.

## VI.—Cosbulo and Penelope.

(See Studies of Nesting Swans.)

## VII.—The Vengeance of Jump-Jim-Crow.

- 1 Jump-Jim-Crow crept out and faced the sunset.
- 2 She hurtled through the air.
- 3 In size she beat him squarely.
- 4 Made advances with his feelers.
- 5 Stretched up and showed his instrument of music.
- 6 Whisked round and showed his waistcoat.
- 7 Pressed her lips to his.
- 8 Like knight of old in panoply.
- 9 The Shrew-mouse sat up like a velvet ball.
- 10 The Shrew-mouse runs the bank three times a day.
- 11 So he crept out.
- 12 Even the Grasshoppers were better off.
- 13 The Mole Cricket.
- 14 The Bush-cheep shows solicitude about her eggs.

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## VO

## "WEE, TIM'ROUS BEASTIES."

A Collection of Nature Stories founded on Observed Fact.

The Slides are all Photographed from Life.

Descriptive Book by DOUGLAS ENGLISH, B.A., F.R.P.S. (Bousfield &amp; Co.) 5s. net.

Plain Slides, 1s. 6d. each.

## I.—Mus Ridiculus.

- 1 Mus ridiculus
- 2 In front of him were three horizontal wires
- 3 It was only a Cockroach, however
- 4 He tried each ear separately
- 5 The Harvest Mouse, that Lili-pitian rustic
- 6 And left a bewildered kitten at the top
- 7 He rushed off to tell his wife
- 8 She was a veritable queen amongst mice
- 9 He had fought five suitors to win her
- 10 First she would sit upon the spring-door
- 11 Then with flattened body she would steal beneath it
- 12 Was in the act of pushing her into shelter
- 13 Their stable relations
- 14 A clamber along a six inch ledge
- 15 A frantic struggle landed them over the edge

## II.—The Story of a Field Vole.

- 1 Title slide
- 2 His first sensation was one of extreme cold
- 3 Nibbling to begin with at the pointed end
- 4 Ready at the first scent of danger to glide back
- 5 He still paused irresolute
- 6 He tried to pick up his position
- 7 Vole-like this latter undoubtedly was
- 8 They sat gazing at one another
- 9 A woodmouse of high degree
- 10 So when the stranger leapt lightly into the undergrowth
- 11 He humbly tried to follow
- 12 She paused, and he saw her sniff suspiciously
- 13 She swung round, and he was discovered

## III.—The Apology of the House Sparrow.

- 1 He was speaking with his mouth full as usual
- 2 There is an odd egg in each clutch
- 3 It was a full minute before he broke the silence
- 4 One part of white arsenic to fifteen parts of meal
- 5 It was a hole in a tree-stump
- 6 Shot at!
- 7 Trapped!
- 8 Netted!
- Avian Rat indeed! rather avian scavenger
- 10 I felt ashamed

## IV.—The Awakening of the Dormouse.

- 1 He lay face downwards
- 2 What, awake! shouted the Squirrel
- 3 My Lady Shadow tail
- 4 Mother!
- 5 It was the orange-tip
- 6 Before him lay the twilight world he loved
- 7 Figure somewhat stout says the book
- 8 His eyes? Nor pen, nor camera can present them
- 9 Sharp-pointed toes that catch the slightest foothold
- 10 It was the same soft fur that he had nestled in last year
- 11 Once more he felt the magic pulse of life within him
- 12 He waited for her as long as he dared
- 13 Mother was climbing painfully up to him
- 14 But that night came the first frost

## V.—The Purple Emperor

- 1 Title slide
- 2 A small green-yellow translucent cone
- 3 His horns but emphasized the likeness
- 4 Growing more slug-like every day
- 5 For all his rainbow tints he was invisible
- 6 The crowded segments of his body recalled the pile of velvet
- 7 On the chrysalis head were two sharp-pointed horns
- 8 Colour and form continued their skilful mimicry
- 9 Its form the form of the swallow leaf
- 10 He chose the loftiest branch of the loftiest oak in the forest
- 11 Whites
- 12 Brimstones
- 13 Peacocks
- 14 Red Admirals
- 15 Hair-streaks
- 16 Painted Ladies
- 17 Skippers
- 18 Sibylla
- 19 She sat on an oak pinnacle
- 20 The Emperor alighted within a foot of her
- 21 She turned her back on him
- 22 Once more settled on a neighbouring leaf
- 23 The Emperor crept a little closer
- 24 He showed her the broad, white ribbon
- 25 Toasted her in the sap of the oak leaf

## VI.—The Harvest Mouse.

- 1 Title slide
- 2 A shrew mouse turned up
- 3 He, and he only has a prehensile tail
- 4 The Harvest Mouse sat on the top of a cornstalk
- 5 The woodmouse
- 6 Tasted the true joy of living
- 7 Sometimes waiting for the wind
- 8 As dainty a little harvest mouse as ever crossed a corn-field
- 9 Her front was of the purest white
- 10 Her eyes were small, but they were very gentle
- 11 Never was finer *mise-en-scène* for such a conflict
- 12 Frivolling
- 13 For an hour they enjoyed the novel sensation
- 14 The long-drawn wail of the brown owl drove them below
- 15 He climbed between two towering stalks
- 16 In five minutes he was up aloft once more
- 17 Sometimes his wife came with him
- 18 The mouse crept two grains higher
- 19 Bevan the Adder
- 20 The Harvest Mouse's nest

## VII.—The Trivial Fortunes of Molge.

- 1 It was merely by chance that one hit his envelope
- 2 He was straight but unlovely
- 3 It was only the copper gleam of his eye
- 4 His sucker had taken the semblance of a mouth
- 5 His gills were longer and more feathery
- 6 He stayed there a succession of days
- 7 He glided into the water slowly
- 8 His old skin hung before him
- 9 The Tadpoles
- 10 The very sticklebacks fought shy of him
- 11 He had a nest to guard
- 12 Scattered in rainbow-tinted disarray
- 13 The water-spider lived by him self
- 14 When the newt first saw him, he was devouring a caddis-worm
- 15 Snatched a dragon-fly from the jaws of the water-scorpion
- 16 The water-beetman was difficult to do justice to
- 17 It was a case of mutual attraction
- 18 The giddy vortex of newt society

## WEE, TIM'ROUS BEASTIES—Continued.

- 19 Sometimes they traversed the middle deeps  
 20 Sometimes they sunned themselves on the surface  
 21 A roach snapped at him  
 22 Each lampara was anored by its sucker  
 23 The new portion was stubby and colourless

## VIII.—The Passing of the Black Rat.

- 1 The Black Rat sat up on his haunches  
 2 First the patriarch  
 3 Stole forward until his whiskers brushed against the door  
 4 He tried to steady himself by nibbling at a stray corn ear  
 5 It was the most vulgar, ill-conditioned beast

- 6 The position showed him at his best  
 7 The farther one was cleaning itself  
 8 A veritable Caliban of rats

## IX.—The Fox's Tricks are Many.

- 1 The Water Rat came from a hole  
 2 The Noctules came from the hollow of the old chestnut  
 3 The Dormouse came from half-way up the hazel  
 4 The Woodmouse came from its rooks  
 5 It was the Hedgehog who started it  
 6 The Noctule spoke first  
 7 Next spoke the Stoat, the Swashbuckler  
 8 I would, said the Squirrel

- 9 Who talks of burrows? said the Mole  
 10 Two fields away you can see my fortress  
 11 The Mole cricket came from nowhere in particular  
 12 Not more than me, the young trout broke in  
 13 But the Gudgeon and the Troutling made straight for the weeds  
 14 It was the Lobster-moth-to-be that spoke first  
 15 Most of them fling their heads back  
 16 Not real eyes but markings which serve as such  
 17 Each branch of the oak had its loopers  
 18 Will you hear an amphibian, said the Toad  
 19 Froggin is at least worth eating, said the Grass-snake  
 20 I am armour-clad, said the Stag-beetle

## CI

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 5 " Head  
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 7 Tiger  
 8 " Bengal  
 9 " at full length  
 10 " Head  
 11 African Elephant  
 12 " Head  
 13 Indian " Head  
 14 " " with children  
 15 Bear climbing a pole  
 16 Polar Bear (aged)  
 17 Polar Bear (young)  
 18 " coming out of water  
 19 Rhinoceros  
 20 " swimming  
 21 " one-borned  
 22 " two-borned  
 23 Hippopotamus, "Guy Lawkes"  
 24 Camel House  
 25 Camel  
 26 Camel, Bactrian  
 27 Dromedary  
 28 Llama  
 29 " side view  
 30 " Guanaco  
 31 Giraffe  
 32 Kangaroo  
 33 Rat Kangaroo  
 34 Gazelle  
 35 Semmering Gazelle  
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 38 Moose  
 39 Nyghau  
 40 Mule or black-tailed Deer  
 41 Adder  
 42 Gnu  
 43 Hartebeest  
 44 Malacca Deer  
 45 Zebra

- 46 Zebra " Burchell's"  
 47 " young  
 48 Wild Ass, " Asiatic"  
 49 Goat  
 50 Ibex  
 51 Yak  
 52 Barbary Sheep  
 53 Malay Tapir  
 54 Peccary  
 55 Wolf, Grey  
 56 " Indian  
 57 Black-bearded Jackal  
 58 Fox, Indian  
 59 " Arctic  
 60 Dingo  
 61 Bison  
 62 Eland  
 63 Indian Buffalo  
 64 Zebu (Sacred Ox of India)  
 65 Zebu, male & female  
 66 Gayal, Indian  
 67 Wild White Cattle  
 68 Gibbon Ape  
 69 Chimpanzee  
 70 Orang-Outang  
 71 Nacque  
 72 Capybara  
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 95 Chinchilla  
 96 Boa Constrictor  
 97 Crocodile  
 98 Squirrel Dorsal, Central America  
 99 Cape Jumping Hare, South Africa  
 100 Ethiopian Wort Hog, S.E. Africa  
 101 Brown Hyena, Sth. Africa  
 102 Kiukapu, S. America  
 103 Leopard, "Major," India  
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- 30 Rabbit Burrow, Nest and Young
- 31 Robber Crab removing Cocoa-nuts
- 32 Robin's Nest with Young Ones in a Fernery
- 33 Sand Martin and its Burrow, with Sparrow-Hawk
- 34 Stormy Petrel and its Burrow
- 35 Sticklebacks, Sub-aquatic Nests
- 36 Tailor Bird and Nest
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- 6 Dog, "The Noble Fireman," jumping through a window of a house on fire to save a child
- 7 Dog, "Gipsy," Skye Terrier fondling Chicken
- 8 Dog, Shepherd's, mourning the death of his master—sitting beside his bed
- 9 Dog, "Pilot," the Newfoundland, having killed the young Nightingales, is taunted by the old bird
- 10 Dog watching by the grave of his master at Porten, Isle of Skye
- 11 Dog, "A Friend in Need," gnawing the rope that fastened a tin can to another dog's tail
- 12 Dog, Newfoundland, "Dandie," or the dog that reasoned, showing his contempt at having a bad penny given to him
- 13 Dog "Sambo" protecting his feathered friend, the Coochin China Fowls, from another dog
- 14 Dog "Jack," the Shepherd's Dog, collecting the poultry into the hen-house
- 15 Dog, "A Bosom Friend," rescuing his master from the snow, keeping him warm
- 16 Elephant protecting thief, who had run between his legs from his pursuers
- 17 Fowls, the White Cock dies on "Meggy," the Hen's Grave
- 18 Horse, the Driver shaking hands, "Now, Tom, the other foot!"
- 19 Horse, the Old Changer and the Baker in Hyde Park with the Life Guards
- 20 Lion "Nero," the Lion at the Tower, recognising the Sailor, and showing his pleasure
- 21 Lion "Danco," protecting his keeper while lying asleep in the den
- 22 Monkey, the Andaman Monkey at the Zoo smoking his pipe
- 23 Rat getting the oil out of a narrow-mouthed bottle with his tail
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- 6 " " dressed in Wolfskins
- 7 Buffalo Charge in Africa, Escape of Native
- 8 Elephant carrying Hunter on his Trunk
- 9 " protecting Young from Kafir Spearman
- 10 " harnessed for War. Indian Battle
- 11 " driven into Corral by Natives. Night Scene
- 12 Hippopotamus Trap, the Downfall of the Spear
- 13 Hog Sparing. Indian Officers with Dogs
- 14 Kangaroo Hunt with Dogs in Australia
- 15 Killing the Panther, saving Huntsman's life
- 16 Lion Hunting, killed by Elephant with branch of Tree, and Sportsman rescued
- 17 Lion attacks Dr. Livingstone, and shot by Native
- 18 Lions fighting
- 19 Maldonata bound to a Tree, and protected from Wild Beasts by a Puma
- 20 Shooting White Rhinoceros, Sportsman concealed on Bank of Stream. Night Scene
- 21 Reindeer Shooting
- 22 Seal Sparing in Greenland, from Canoes
- 23 " How to Shoot
- 24 Snake Hunting by Natives of Australia
- 25 Tiger Hunting on Elephants in Indian Jungle
- 26 " Death Spring, seizes head of Elephant
- 27 " fighting with Gladiator, Coliseum, in Rome
- 28 " and Alligator fighting
- 29 " strikes down Lieut. Rice, shot by Huntsman
- 30 " shooting by Native, Decoy Goat. Man for Dinner, Goat for Supper
- 31 Walrus Sparing from Boats, Greenland
- 32 " Battle with King of the Frozen Seas
- 33 Whaling, Whale harpooned
- 34 Wild Horse, Hunting with Lasso, South America
- 35 Wolves and Russian Traveller. Noble Sacrifice
- 36 Wolf Pit for Trapping Wolves, Lamb as Decoy

## VP THE EVOLUTION OF A FROG.

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Photographed from life by Mr. W. M. MARTIN, of Redruth.

*Plain Slides, 1s. 3d. each.*

### The Herbivorous Period.

- 1 Spawn of Frog taken from a pool in February, showing eggs embedded in a jelly-like string of mucilage
- 2 Showing young Tadpoles after they have jerked themselves out of the gelatinous mass, as yet mouthless and living on their still unehausted capital of yolk
- 3 Showing development of a fish-like tail, and first appearance of portions of a short alimentary canal, also slight internal indications of the coming posterior legs.
- 4 Showing the development of a more globular shape of body, with an elongation of alimentary canal and further internal development of posterior legs
- 5 First appearance of bone as two centres of ossification in head, also showing appearance of a rounded mouth and alimentary canal forming itself into a coil
- 6 Showing further development of bones of head and the alimentary canal coiled up like a watch spring and extending almost from side to side
- 7 Same period as No. 6, but radiographed through the sides and showing first appearance of centres of ossification of vertebral column
- 8 Same period as No. 6, with exposure governed to show the portions most transparent to X Rays, seen as white dots and possibly caused by weakening of tissue to allow of exit of posterior legs?
- 9 Showing first appearance externally of the posterior legs, both appearing simultaneously, body of Tadpole larger and more elongated, with development of a bigger tail for use as a powerful swimming organ
- 10 Same period as No. 9, with exposure to the X Rays so governed as to show the varying degrees of transparency of the skin
- 11 Showing appearance of two additional bone centres in head, Mouth more triangular in shape, Alimentary canal extending from side to side with an enlargement of its end on left
- 12 Alimentary canal becoming smaller, and in the two central Tadpoles, which have been kept without food, the bones of the head may now be seen articulated to the partially ossified vertebral column
- 13 Showing further development of the bones of head, Alimentary canal still diminishing in size and more confined to right side
- 14 Showing first indications of the coming forelimbs, and also that the right side of vertebral column ossifies sooner than the left
- 15 About a week later than No. 14, radiographed through the sides, showing small tongue affixed to the inner side of front of lower jaw, Also as an outgrowth from the hindmost vertebrae the long spine of the backbone (*see full grown stage*) may be seen partially developed
- 16 Showing final stage of development of tail to be absorbed as food in a later stage. Also the extent of development of posterior legs before the appearance of the fore limbs
- 17 Showing the fore limbs in process of unfolding, Alimentary canal much diminished in size, and situated almost entirely on right side

### Commencement of the Carnivorous Period.

- 18 Almost sudden appearance of considerably developed fore limbs, and equally sudden disappearance of alimentary canal, where this latter is visible both fore limbs have not yet appeared. Also showing fore limbs do not appear simultaneously, either right or left coming first
- 19 The animal now leaps ashore. The Tadpole is becoming a Frog. The mouth has become wider, the abdomen shrunken. Transverse processes of vertebrae developing, and more Frog-like appearance evident, and being as yet unable to catch its own food, it begins living at the expense of its tail
- 20 Same period as No. 19. Caught in the grass near pool and radiographed through the side, showing partial absorption of tail. Appearance of stomach, absence of alimentary canal. Compare with Radiograph of same position in Herbivorous period, No. 15
- 21 About four days later than No. 20, showing the tail quarter part absorbed, and the long style of hinder-end of backbone, and produce of extremities of haunch-bones coming more plainly into view
- 22 Showing tail three-quarters absorbed, and legs growing longer
- 23 Showing tail externally completely absorbed, but portions still visible internally, and further development of the transverse processes of the vertebrae
- 24 Complete absorption of all trace of tail, and the young Frogs through living on their own tissue have become much smaller. Bony skeleton more developed. Tongue visible through the intermandibular space. First appearance of portions of hard undigested food
- 25 Showing the young Frogs, now able to capture their own food, regaining flesh. Further appearance of hard undigested portions of food. Compare with No. 23
- 26 Showing appearance and gradual development of lower jaw-bone. Further growth and ossification of the skeleton
- 27 Showing ossification of upper jaw-bone—Vertebral column wider and more defined—In specimen at bottom right corner the two cerebral hemispheres of brain are visible
- 28 Showing further growth of the Frogs, lengthening of limbs, and base of jaw-bone commencing to articulate with the vertebral column
- 29 Showing partial ossification of joints of fore limbs Compare with No. 23
- 30 Further stages of ossification of joints of fore limbs, and of the articulation of jaw-bone with vertebral column
- 31 Showing a greatly increased ossification of apex of vertebral column, previous to complete articulation with jaw-bones
- 32 Showing three stages of development of the cartilage of interior of head
- 33 Showing jaw-bones now articulated with vertebral column, transverse processes of vertebrae longer, and in the centre Frog the large free tongue may be seen in the intermandibular space
- 34 Young Frog, showing its characteristic deeply-notched free tongue



## THE EVOLUTION OF A FROG—Continued

- 85 Same period as No. 84, radiographed through the side and showing an almost straight vertebral column and a thick well-developed tongue with its tip pointing down the throat
- 86 Showing further stage of ossification of the articulation of jaw and vertebral column. The innermost digit of top specimen swollen—male. In bottom specimen all the digits equal in size—female
- 87 Showing a larger space at the base between upper and lower jaws. Appearance of a ball and socket arrangement in joint of fore limbs
- 88 Same period as Number 87, radiographed through the side, showing development of a curve in vertebral column. *Compare with No. 35.* Also the relative positions of the urostyle and extension of haunch-bones, when in the act of leaping
- 89 A fully-developed Frog. In fore limbs showing four digits and radius and ulna completely fused together, a narrow line indicating the union. In hind limb, five toes and tibia and fibula fused
- 90 An old frog with broken leg. The hind legs placed in a position to show the separate bones of the elongated ankle and the "tarsal tubercle," or well-known hint of a sixth toe

## 8 ABU

## MICROSCOPICAL POND LIFE.

From Original Drawings made directly from the Living Objects.

Coloured, prices from 1s. 6d. to 3s.

Additional Subjects will be published from time to time.

- |                                   |  |   |
|-----------------------------------|--|---|
| 1 Amoeba Radiosa, 1s. 6d.         | 21 Melicerta Ringens, 2s. 6d.                    | 37 Cyclops Serrulatus, male (photo), 1s. 6d.          |
| 2 Diffugia Pyriformis, 2s.        | 22 " " Building Tube, 2s. 6d.                    | 38 " " female (photo) 1s. 6d.                         |
| 3 Diffugia Acuminata, 2s.         | 23 Limnias Ceratophylli, 2s. 6d.                 | 39 Cyclops Strenuus (photo), 1s. 6d.                  |
| 4 Nebela Collaris, 2s.            | 24 Stephanoceros Eichhorni, 2s. 6d.              | 40 Cyclops with Parasitic Vorticella (photo), 1s. 6d. |
| 5 Haematococcus Pluvialis, 2s.    | 25 Oecistes Pilula, 2s. 6d.                      | 41 Canthocamptus Staphylinus (photo), 1s. 6d.         |
| 6 Euglena Viridis, 1s. 6d.        | 26 Floscularia Cornuta, 2s. 6d.                  | 42 Group, Protozoa and Infusoria, 3s.                 |
| 7 Phacus Longicaudus, 2s.         | 27 Floscularia Coronetta and Longicauda, 2s. 6d. | 43 Volvox Globator, 2s. 6d.                           |
| 8 Acinetia Mystacina, 2s.         | 28 Amurea Brevispina, 2s.                        | 44 Micrasterias Rotata, 2s.                           |
| 9 Bursaria Truncatella, 1s. 6d.   | 29 Water Bear, 2s.                               | 45 Desmids, Various, 2s.                              |
| 10 Paramoelium Aurelia, 1s. 6d.   | 30 Lophopus Crystallinus, 2s. 6d.                | 46 Pleurosigma Attenuatum, 1s. 6d.                    |
| 11 Spirostomum Ambiguum, 1s. 6d.  | 31 Ceriodaphnia Reticulata, 2s. 6d.              | 47 Surirella Biseriata, 1s. 6d.                       |
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| 13 Coleps Hirtus, 2s.             | 33 " front view (photo), 1s. 6d.                 | 49 Bacillaria Paradoxa, 1s. 6d.                       |
| 14 Vorticella Nebulifera, 1s. 6d. | 34 " young (photo), 1s. 6d.                      | 50 Diatoma Vulgaris, 1s. 6d.                          |
| 15 " " Life History, 2s.          | 35 Cyclopyris Serena, 1s. 6d.                    |   |
| 16 Platycola Decumbens, 2s.       | 36 Cyclops Quadricornis (photo), 2s.             |   |
| 17 Epistyllis Flavicans, 2s.      |  |   |
| 18 Stentor Mulleri, 2s.           |  |   |
| 19 Hydra Vulgaris, 1s. 6d.        |  |   |
| 20 Hydra Viridis, 1s. 6d.         |  |   |

NOTE.—When ordering slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## EDUCATIONAL SERIES OF SLIDES—Continued.

**AS DICK'S DIVE IN THE DUCK POND.**—ILLUSTRATING POND LIFE.*Beautifully Painted, £3 18s.; Plain Slides, 21s. the Set.*

READING FOR THE SET, including "Pond Life," 1s.

*An Original Story and Illustrations.*

- |   |  |
|---|--|
| <p>1 Dick Home for the Holidays, quite tired out the first day; falls asleep while looking into the Pond</p> <p>2 Dick dreams he becomes very small, and dives into the Pond, and is introduced by a Frog to High Life below Water</p> <p>3 Dick's introduction to Hydras and Water Fleas</p> <p>4 Dick sees Caddis Flies and pays a visit to Colony of Caddis Worms and their queer little houses</p> <p>5 The Fighting Community; the Water Boatmen, Water Scorpions, and Ranatra Linearis</p> <p>6 Gnats and Gnat Larvæ in their various stages</p> <p>7 Dick visits the Water Spiders and their Diving Bell Homes, and observes the wonderful way they supply themselves with air</p> | <p>8 The Dytiscus Water Beetle and its large yellow brown gruh with its formidable jaws</p> <p>9 May Fly Larvæ and Dragon Fly Larvæ, and the fully developed May Fly; Grub of Dragon Fly chasing Grub of May Fly</p> <p>10 Dragon Flies, the Larvæ; the Fly leaving the pupa case; the perfect Insect with its beautiful lace-like wings</p> <p>11 Little Dick and his friend the Frog narrowly escape being eaten by his Father's Duck when searching for his supper</p> <p>12 Dick at Home again, and having seen so many wonderful and beautiful things, says, "All Thy works praise Thee, O Lord."</p> |
|---|--|

**AT POND LIFE.**

A Series of direct Photo-micrographs.

1s. each. READING FOR THE SET, including "Dick's Dive," 1s.

- |   |  |   |  |
|---|--|---|--|
| <p>a Introduction</p> <p>1 Dragon Fly, Larva of Demoiselle</p> <p>2 Dragon Fly, Demoiselle [large]</p> <p>3 Dragon Fly, Larva of</p> <p>4 Dytiscus Beetle, larva</p> <p>5 " " Mouth Organs</p> <p>6 Dytiscus Beetle, Leg showing suckers</p> <p>7 Dytiscus Beetle, Spiracle</p> | <p>8 Dytiscus Beetle, Trachea</p> <p>9 Dytiscus Beetle, Eye</p> <p>10 Gyrinus Beetle, larva</p> <p>11 " " Perfect Insect</p> <p>12 Gyrinus Beetle, legs</p> <p>13 Gnat Larva</p> <p>14 " Pupa</p> <p>15 " Male, plumed</p> <p>16 Mosquito</p> <p>17 May Fly, Larva</p> | <p>18 May Fly, Perfect Insect</p> <p>19 Caddis Worm</p> <p>20 " Fly</p> <p>21 Pearl Fly</p> <p>22 Water Scorpion</p> <p>23 Ranatra linearis</p> <p>24 Water Boatman</p> <p>25 Pond Skater, pupa</p> <p>26 " " Perfect Insect</p> <p>27 Water Spider</p> | <p>28 Hydra Vulgaris</p> <p>29 Water Flea</p> <p>30 Fish Parasite</p> <p>31 Palate of Water Snail</p> <p>32 Vorticella</p> <p>33 Group of selected Diatoms</p> <p>34 Volvox Glohator</p> <p>35 Desmids; Micrasterias denticulata</p> <p>36 Alge; Batrachospermum Moniliforme</p> |
|---|--|---|--|

**AP COMMON INSECTS AS SEEN THROUGH THE MICROSCOPE.**

These Lantern Slides have been photographed by Newton & Co., direct from the natural objects, by means of their Patent Microscopic Lantern Attachment, and are exceedingly bright and sharp, showing the fine detail very clearly.

*Plain Slides, 1s. each. READING FOR THE SET, 6d.*

- |   |   |   |
|---|---|---|
| <p>a Introduction</p> <p>1 The Cuckoo Spit</p> <p>2 The Aphid</p> <p>3 Ladybird, Larva</p> <p>4 " full-grown beetle</p> <p>5 Indian Tortoise Beetle</p> <p>6 English Wood Ant</p> <p>7 Ant-lion</p> <p>8 Trachea of Silkworm</p> <p>9 Tracheal Tube more highly magnified</p> <p>10 Spiracle of Beetle</p> <p>11 Gizzard of Cricket</p> | <p>12 The Spider</p> <p>13 " Spinnerets</p> <p>14 " Foot of</p> <p>15 House-fly</p> <p>16 " Foot</p> <p>17 " Eye</p> <p>18 Head of Crane-fly</p> <p>19 Proboscis of Blow-fly</p> <p>20 " more highly magnified</p> <p>21 Saws of Saw-fly</p> <p>22 Ichneumon-fly</p> <p>23 Indian Fire-fly</p> <p>24 Human Flea, male</p> | <p>25 Human Flea, female</p> <p>26 " Bug</p> <p>27 Parasite of Sheep</p> <p>28 " Pig</p> <p>29 " Flying Fox</p> <p>30 Hive Bee's Tongue</p> <p>31 " Leg, showing Pollen</p> <p>32 " Wing showing Hooklets</p> <p>33 " Sting showing Barbs</p> <p>34 Head of Butterfly</p> <p>35 Antennæ of Moth</p> <p>36 Dust from wing of Butterfly</p> |
|---|---|---|

NOTE.—When ordering slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## EDUCATIONAL SERIES OF SLIDES—Continued.

MICROSCOPIC OBJECTS ENLARGED AND PHOTOGRAPHED  
8CN FOR THE LANTERN.

Plain Slides, 1s. and 1s. 6d. each.

## INSECTS, ETC.

- 1 Ant, Forest.
- 2 " Parasol.
- 3 " Garden.
- 4 " House.
- 5 Aphid, Pupa.
- 6 Section of Bee's Eye, x 40.
- 7 Eye of Beetle, showing a picture (Portrait of the King) in each lens, 1s. 6d.
- 8 Trophy of Dor Beetle, *Geotrophes mutator*, showing the parts of the head dissected.
- 9 Anatomy of the Blow-fly, *Musca vomitoria*. The whole insect dissected and parts separated on the one slide.
- 10 Blow-fly, Female.
- 11 " Central Tube of Tongue highly magnified.
- 12 Plant Bug, *Tingo carolin.*
- 13 Plant Bug.
- 14 Antennae of Cockchafer.
- 15 Spiracle of Fly.
- 16 Fruit Fly, *Trypeta*.
- 17 Wing of Lacewing Fly.
- 18 Parasite Fly, *Conops quadri-fasciata*.
- 19 Window Gnat.
- 20 Gooseberry Sawfly.
- 21 Halliotes Tulerculata, Palate.
- 22 Labrum Moth.
- 23 Head of Silkworm Moth.
- 24 Eggs of House Fly.
- 25 " Parasite of Ground Hornbill.
- 26 " Parasite of Reeves' Pheasant.
- 27 " Parasite of Goose.

- 28 Scales of Insects arranged as a Basket of Flowers and Butterflies.
- 29 Spicules of Synapta.
- 30 Spine of Acrocladia. T.S.
- 31 Spines of Star-fish.
- 32 " Young Echinus.
- 33 Spine of Echinus. T.S.
- 34 Sting of Wasp compared with Eye of Smallest Needle.
- 35 " with Point of "
- 36 Hydroid Zoophyte with tentacles extended. *Obelia flabellata*.
- 37 Bryozoa Malaga.

## BOTANICAL.

- 38 Sunflower Stem. T.S.
- 39 Seed of *Nemisia strumosa*.
- 40 Leaf of *Drosera rotundiflora*, showing captured insect.
- 41 Maidenhair Fern.
- 42 Section of Bamboo Cane.
- 43 " Pepper.

## FORAMINIFERA.

- 44 Sea Soundings.
- 45 " 1,750 fathoms; lat. 52.40, long. 15.88.
- 46 " The "Challenger" Expedition, 1,750 fathoms.
- 47 Foraminifera, Mediterranean, 430 fathoms.
- 48 " Group.
- 49 " "
- 50 Alveolina.
- 51 Dendrolina.
- 52 Nodosaria.
- 53 " Arenaceus.

- 54 Nubecularia micifuga.
- 55 Orbiculina.
- 56 Peneroplis.
- 57 Peneroplis.
- 58 Putinsliria menardi.
- 59 Quinqueloculina.

- 60 Diatoms, Selected.
- 61 " Triceratium favis, x 100.

## EGGS OF INSECTS.

These are very beautiful Slides, price 1s. 6d. each.

- 62 Group of Various Eggs.
- 63 Eggs of Moth.

## POLARISED OBJECTS.

- 64 Salicine.
- 65 Citric Acid.
- 66 Oxalic Acid.
- 67 Chlorate of Potash.
- 68 Claw of Wild Cat.
- 69 Toe of White Mouse.
- 70 Satin Spa.

## VARIOUS.

- 71 Normal Lungs, x 20.
- 72 Coal Miner's Lungs, x 20.
- 73 Sweep's Lung, x 20.
- 74 Yeast Plant, x 1000.
- 75 Paste Mould, x 70.
- 76 Cotton Fibre, x 125.
- 77 Micrococcus Bacillacei, x 1000 (Bacilla of Acetic Acid).
- 78 Diamonds, etc., from Canon Diabolo Meteorite, x 35.
- 79 Thames Water at Brentford, x 80.
- 80 " Hungerford, x 81.
- 81 " Lambeth, x 82.
- 82 " Kingston, x 83.
- 83 Cistern Water, x 84.
- 84 Sewer Water.

## ABT LIFE HISTORY OF VARIOUS INSECTS.

A Series of Lantern Slides photographed direct from the actual objects, and showing on the one slide the perfect insect, male and female, the caterpillar, and the chrysalis. The colouring is copied from the insects themselves, to secure accuracy, and the resulting slides are exquisitely delicate and beautiful.

Plain Slides, 1s. each; Beautifully Painted, best quality, 5s. each.

## MOTHS.

Male and Female, Pupa and Larva.

- 1 Eyed Hawk, Sphinx Ligustri.
- 2 Lime Hawk, Smerthus Tillie.
- 3 Poplar Hawk, Smerthus Populi.
- 4 Privet Hawk, Sphinx Ligustri.
- 5 Lappet Moth, Bombyx Quercifolia.
- 6 Drinker, Odonestris Potatoria.
- 7 Oak Egger, Laslocampa Quercus.
- 8 Poplar Grey, Acronyeta Megacephala.
- 9 Six Spotted Burnet, Anthrocere Fillpendulce.
- 10 Magpie or Currant, Abraxus Grossulariata.
- 11 Silkworm, Bombyx Mori.
- 12 Buff Tip, Pygma Bucephala.
- 13 Puss Moth, Cerura Vinula.
- 14 Red Underwing, Catocala Sponsa.
- 15 Tiger Moth, Arctia Caja.
- 16 Sycamore Tussock, Congili Demas.
- 17 Goat Moth, Cossus Ligniperda.
- 18 Gipsy Moth, Porthetia Dispar.

## BUTTERFLIES.

- 19 Swallow Tail, Papilio Machaon.
- 20 Red Admiral, Vanessa Atalanta.
- 21 Small Garden White, Pieris Rapae.
- 22 Mole Cricket, Flying, and in Burrow.
- 23 Scorpions from Spain.
- 24 Great Silver Beetle.

## A Q

## BEES AND BEE CULTURE.

The Royal Agricultural Society's Silver Medal awarded 1893.

*Beautifully Painted, 4s. 6d. ; Plain Slides, 1s. 3d. each.*

This Series has been arranged under the inspection of the British Bee-keepers' Association, and with the courteous and able assistance of T. W. Cowan, Esq., F.G.S., F.L.S., F.R.M.S., etc., and W. Broughton Carr, Esq., Editors of the *British Bee Journal*.

All the slides (which are very beautiful) are from direct photographs, principally taken at Mr. Broughton Carr's apiary by Mr. T. E. Freshwater, F.R.M.S., except Nos. 34, 35, 36, 37, 42, 43, 45, 46 and 47, which are reproduced from the diagrams published by the Association.

*"A perfect educational code of Bee-keeping."*—BRITISH BEE JOURNAL.

- |   |  |
|---|--|
| 1 The Queen, Drone, and Worker Bee              | 27 Manipulating Frame, hanging position  |
| 2 Tongue of Honey Bee ( <i>Apis Mellifica</i> ) | 28 " " bottom upwards  |
| 3 Eye of Bee                                    | 29 Catching the Queen  |
| 4 Tip of ditto, showing Spoon                   | 30 Driving Bees from the Hive into an empty Skep                                 |
| 5 Front leg of Bee, showing Antennae Cleaner    | 31 Subdued Bees after driving  |
| 6 Hind leg, showing Pollen Basket and Comb      | 32 Driven Bees entering Skep. (Looking for the Queen Bee)                        |
| 7 Bee's Wing, Hookless and Folded Membrane      | 33 Frame of Comb, with Queen Cells   |
| 8 Sting of Honey Bee                            | 34 Group of Queen Cells, showing the opening at the end, with cover [Queen Cell] |
| 9 Lancets and Sheath of Sting of Bee            | 35 Development of Larvae, Queen Cell, Section                                    |
| 10 Abdomen of Bee                               | 36 Egg attached to Cell Base   |
| 11 Salivary Gland                               | 37 Pupa and Larva  |
| 12 Parasite of Honey Bee— <i>Braula Cocos</i>   | 38 Uncapping Combs for Extracting  |
| 13 Foot of <i>Braula Cocos</i>                  | 39 Comb showing Foul Brood   |
| 14 Apiary of Straw Hives                        | 40 <i>Bacillus Alvei</i> (Foul Brood in Bees)                                    |
| 15 Old-fashioned Cottage Apiary                 | 41 " " (Rods and Spores)   |
| 16 Modern Apiary of Frame Hives                 | 42 " " (Spores)  |
| 17 Bee-keeper Folding Sections                  | 43 Section of Bee  |
| 18 Putting Foundations in Sections              | 44 " " Eye of Bee  |
| 19 Sections in various stages of progress       | 45 Heads of Bees   |
| 20 Fitting Comb Foundations in Frame [clearers] | 46 Egg and Pupa  |
| 21 Hive with Supers and Sections: showing super | 47 Legs of Bee showing Comb  |
| 22 Manipulating in Bee-dress and veil           | 48 Various Glands  |
| 23 Hiving a Swarm under difficulties            | 49 Wax Plates  |
| 24 Hiving Bees in Frame Hive                    | 50 Foot of Bee   |
| 25 Ditto (watching for the Queen)               |  |
| 26 Uncovering the Frames, using the Smoker      |  |

Text Books.—"British Bee-keepers' Guide," 1s. 6d. (*practical*), by T. W. Cowan, Esq.

"The Honey Bee; Its Natural History, Anatomy, and Physiology," 2s. 6d. (*scientific*), by T. W. Cowan, Esq.

## A R

WASPS. (*Vespa Vulgaris*.)

A Series of direct Photographs and Photo-micrographs.

*Plain Slides, 1s. each.*

- |   |                                     |
|---|-------------------------------------|
| 1 Wasp's Nest, showing eight or nine tiers of Cell Comb, separated by pillars or columns                                  | 5 The Wasp, whole insect            |
| 2 Wasp's Nest, a single tier of comb, showing the empty cells and those containing grubs                                  | 6 Head and Mouth                    |
| 3 Wasp's Nest, underside of one of the Comb Tiers showing the pillars or props to keep the tiers apart                    | 7 Antennae                          |
| 4 Wasp's Nest. In this, four or five of the tiers of Cell Comb have been removed to show cells and grubs in crown of nest | 8 Abdomen with sting <i>in situ</i> |
|   | 9 Sting                             |
|   | 10 Compound Eyes                    |
|   | 11 Tongue                           |
|   | 12 Foot                             |
|   | 13 Wings                            |
|   | 14 Hornet and Wasp                  |

## ABS THE LIFE HISTORY OF A BRITISH MUD-WASP, ODYNENIS SPINIPES.

Photographed from Life by DOUGLAS ENGLISH, B.A., F.R.P.S.

*Plain Slides, 1s. 6d. each.*

- |   |   |  |
|---|---|--|
| 1 The Mud-Wasp, <i>O. Spinipes</i> , Back.  | 8 Section of New Burrow, showing Suspended Egg and First Caterpillar.           | 14 Wasp Grub, surrounded by Store of Caterpillars.               |
| 2 The Mud-Wasp, <i>O. Spinipes</i> , Side.  | 9 Section of Burrow, with Store of Caterpillars.                                | 15 Wasp Pupa.  |
| 3 The Mud-Wasp, <i>O. Spinipes</i> , Three-quarters.                              | 10 Section of Burrow, with Store of Caterpillars, with Partition half-way down. | 16 Wasp bringing Caterpillar to Burrow Entrance, Side.           |
| 4 General View of a Collection of Burrows, with Tubular Crowns.                   | 11 Section of Burrow, showing Wasp Grub Feeding.                                | 17 Wasp bringing Caterpillar to Burrow Entrance, Three-quarters. |
| 5 General View of a Collection of Burrows, with Tubular Crowns, after Rain-storm. | 12 Section of Burrow, showing Wasp Grub Full Fed.                               | 18 Wasp Repairing Burrow Entrance.                               |
| 6 Wasp commencing a Burrow.   | 13 Section of Burrow, showing Wasp Pupa in Cocoon.                              | 19 Wasp Hanging on Burrow Entrance, Side.                        |
| 7 " " Side.   |   | 20 Wasp Hanging on Burrow Entrance, Back.                        |

## A F E

## SPIDERS.

From Direct Negatives.

Plain Slides, 1s. each.

- 1 Spider's Nest, showing Eggs just before Hatching.
- 2 Spider's Nest, showing the Shells directly after the Spiders have left the Eggs.
- 3 Garden Spider and its Web.
- 4 " " Magnified.
- 5 " " The Spinnerets.
- 6 " " The Foot, showing the Comb Formation of the Claw.
- 7 " " Mandibles of the Male Spider.
- 8 " " Eyes of.
- 9 Spider, Bush.
- 10 " " Cellar.

- 11 Spider, Crah.
- 12 " " Ground.
- 13 " " Jumping.
- 14 " " Trapdoor, Young.
- 15 " " Water.
- 16 " " Wolf.
- 17 " " Spiney, from Trinidad.
- 18 Foot of Bird-catching Spider.
- 19 Hair of Bird-catching Spider, showing the fluted ends and fine hairs, x 300.
- 20 Nest of Harvest Spider in Seed-head of Grass.

## A U

## INJURIOUS INSECTS

AND COMMON FARM PESTS.

From Original Drawings by the late Miss G. E. Ormerod, F.E.S. Revised by her sister, Miss E. A. Ormerod, late Consulting Entomologist to the Royal Agricultural Society. Text Book, "Agricultural Entomology," by Miss E. A. Ormerod, 3s. 6d. (Simpkin & Co.)

Beautifully Painted, 4s. 6d.; Plain Slides 1s. each.

- 1 LOCUST. *Caloptenus atlantis*  
Larva, Pupa, and Perfect Insect  
Flying and Walking
- 2 FALSE WIREWORMS. *Juliidae*  
*Julus guttatus*—*Julus terrestris*  
*Polgodesmus complanatus*
- 3 CLOVER WEEVIL. *Apion apyrians*  
Larva, Pupa, and Perfect Insect
- 4 GREAT YELLOW UNDERWING MOTH. *Tryphena pronuba*  
Larva, Pupa, and Perfect Insect
- 5 WHEAT-BULB FLY. *Hylemyia coarctata*  
Larva, Pupa, and Insect  
Specimen of Injured Wheat
- 6 GOUT FLY. *Chlorops tenuipus*  
Larva, Pupa, Perfect Insect, and Injured Barley Stems
- 7 WIREWORM AND CLICK BEETLE. *Elater (Agrotides) lineatus*  
WIREWORM, GRUB OF CLICK BEETLE;  
Eggs, Pupa, Beetle, and young turnip with fibres of root destroyed by gnawing of wireworms
- 8 TURNIP SAWFLY. *Athalia spinarum*  
Caterpillar, Hybernating Caterpillar in cocoon of Silk and earth, Pupa in similar cocoon, Perfect Insect
- 9 CARROT FLY. *Pila rose*  
Maggot, Pupa, Perfect Insect, and Injured Carrot
- 10 EARWIG. *Forficula auricularia*  
Common Earwig, Female, Forficula auricularia  
Ditto in young stage; and Forficula forficata, Male
- 11 COCKCHAFER. *Melolontha vulgaris*  
Larva, Pupa, and Perfect Insect
- 12 LARGE WHITE BUTTERFLY. *Pieris brassicae*  
Caterpillar, Pupa, and Perfect Insect
- 13 OX WARBLE FLY. *Hypoderma bovis*  
First Stage of Maggot, Second Stage, Third Stage, Pupa, and Perfect Fly
- 14 HORSE BOT FLY. *Gastrophilus equi*  
Male and Female
- 15 TURNIP FLEA BEETLE. *Haltica (Phyllotreta nemorum)*  
Maggot, Pupa, and Perfect Insect
- 16 DADDY LONG LEGS OR CRANE FLY. *Tipula cleracea*  
Larva and Perfect Insect
- 17 HOP APHIS (GREEN FLY). *Aphis humuli*  
Pupa in early stage, also showing Wing Cases, Male Aphis, Female Aphis (wingless form)
- 18 LADY BIRD. *Coccinella septem-punctata*  
Larva, Pupa, and Perfect Beetle
- 19 GARDEN CHAFER. *Phyllopertha horticola*  
Flying, walking, and maggot
- 20 GREEN ROSE CHAFER. *Cetonia Aurata*  
Pupa in Cocoon, Parthen Cocoon, Larva
- 21 SHOT-BORER BEETLE. *Xyleborus dispar*  
showing workings of the Shot-boring Beetles  
Male Beetle and Female Beetle, Plumstems
- 22 MOLE CRICKET. *Gryllotalpa Vulgaris*  
Flying, walking, and Larva
- 23 POTATO THRIPS. *Thrips Minutissima*  
Female Potato Thrips, with wings displayed, and Larva
- 24 THE WOOD WASP. *Sirex Gigas*  
Male. Medium spread of wings, Larva, Sirex Juvenius, female, size various
- 25 COMMON VAPOURER MOTH. *Orygia Antiqua*  
Male Moth, Female, Eggs on Cocoon.  
Pupa in net-work Cocoon, Caterpillar
- 26 THE DIAMOND-BACK MOTH. *Plutella Cruciferarum*  
Moth with wings extended. Moth at rest. Pupa in net-work Cocoon  
Caterpillar
- 27 CORN APHIS. *Aphis (Siphonophora) Graminis*  
Winged Female, Wingless Female  
Larva, Empty Shell of Larva from which a Parasite has hatched
- 28 SCALE INSECTS. *Aspidiotus Ostreaformis*. Oyster Scale (Pear tree) outside and inside view, and Female. *Aspidiotus Zonatus* type of males of all the Diaspina  
*Mytilaspia Pomorum*, Mussel Scale (Apple) outside view. Inside view showing the Eggs, Female Scale Insect shrunk after egg-laying  
Pear Tree } Branches showing natural Apple Tree } size of scale
- 29 PLANT BUGS. *Lygus Umbellatorum*  
Flying, at rest. Pupa of Lygus Solen
- 30 APPLE SAWFLY. *Tenthredo (Hoplacampa) Testudinus*  
Larva, and injured Apple
- 31 PEAR OR CHERRY TREE SAWFLY OR SLUG WORM  
*Tenthredo Cerasi* or *Eriocampa Limacina*  
Larva in two stages, Cocoon  
Larvae.
- 32 GREEN GARDEN CHAFER. *Cetonia Aurata*  
CABBAGE OR TURNIP GALL WEEVIL. *Centorhynchus sulcatellus*  
WIREWORM (grub of Click Beetle.) *Elater Lineatus*  
ONION FLY. *Anthomyia Ceparum*  
DANNY LONGLEGS. *Tipula Oleracea*
- 33 LEOPARD MOTH. *Zenocera Esculi*  
WINTER MOTH. *Chimatopa Brumata*  
CLOUDED YELLOW BUTTERFLY. *Colias Edusa*  
WOOL-GATHERING BEE. *Anthidium manicatum*  
FOX-COLOURED PINK SAWFLY. *Lophyrus Rufus*
- 34 POTATO THRIPS. *Thrips Minutissima*  
LETTUCE GREENFLY. *Aphis Lettuce*  
EARWIG. *Forficula Auricularia*  
LESSER ROCKY MOUNTAIN LOCUST. *Caloptenus atlantis*

**AU** INJURIOUS INSECTS AND COMMON FARM PESTS—*Continued.*

From "Agricultural Entomology," by Miss E. A. ORMEROD.

- 55 AMERICAN BLIGHT (WOOLLY APHIS). *Schizoneura lanigera*  
Infested Apple-Spray. Wingless Viviparous Female and Young, and small Egg-bearing Female. Pupa
- 56 BEAN APHIS. *Aphis rumicis*, Linn.  
Bean-shoot, with Aphides. Male and Wingless Female
- 57 CURRANT GALL MITH. *Phytoptus* (species?)  
Infested Buds
- 58 RED SPIDER. *Tetranychus telarius*  
Whole Insect, and Hairs on the Foot
- 59 CHERRY AND PARSNIP FLY. *Tephritis onopordidis*, Fah.  
Whole Insect Maggot and Pupa figured in histored leaf
- 60 GOOSEBERRY AND CURRANT SAWFLY. *Nematus ribesii*  
Male Sawfly, Caterpillars and Cocoon
- 61 MANGOLD OR BEET FLY. *Anthomyia* (*Chortophila*) *beta*  
Female Fly, Pupa, Eggs
- 62 ONION FLY  
Maggot and Pupa. Pupa in stored Onion
- 63 SAWFLY CATERPILLARS destroying Turnip-leaf
- 64 TURNIP SAWFLY. *Hymenoptera*  
Caterpillars, Pupa, Pupa-case
- 65 BEAN BEETLES, Grah and Pupa, Injured Beans.  
PEA BEETLES, Injured Pea
- 66 ELM-DARK BEETLE and Maggot workings in bark
- 67 *Meligethes* BEETLE. *Meligethes aeneus*  
Beetle, Maggot, Infested Flower
- 48 MUSTARD BEETLE  
Whole Insect, Grah
- 49 BLACK VINE WEEVIL. *Otiorhynchus sulcatus*  
Whole Insect, Maggot and Pupa  
CLAY-COLOURED WEEVIL. *O. pictipes*, Fah. (*septentrionis* Steph. Man.)
- 50 NUT WEEVIL  
Whole Insect, Maggot, Pupa. Filbert pierced by Weevil
- 51 RASPBERRY BEETLES. *Byturus tomentosus*  
Whole Insect, Maggot. Raspberry Fruit
- 52 CORLIN MOTH. *Carposcopa romanella*  
Whole Insect, Caterpillar. Apple infested with Caterpillars.
- 53 THE CURRANT CLEARWING. *Ageria tipuliformis*  
Moth, Larva in Currant Stem
- 54 THE SMALL ERMINE MOTH. *Hyponomeuta padella*. Tash  
Moth, Larva
- 55 MAGPIE MOTH; CURRANT MOTH. *Abraxas grossulariata*  
Moth, Larva
- 56 WINTER MOTH; EVESHAM MOTH. *Chelmatobia brunata*  
Male, and Wingless Females
- 57 WOOD LEOPARD MOTH. *Zeuzera aenei*  
Female, Head of Male, and Caterpillar
- 58 FIELD OR MILKY SLUG. *L. agrestis*  
BLACK SLUG. *L. ater* (var. *empiricorum*)  
Whole Insect, in repose, Eggs

**AV** INSECT MIMICRY.

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- 1 Butterfly, *Kallima Maches*
- 2 Walking Stick Insect, *Phasma Australis*
- 3 Spectre, *Spectrum Rossia*
- 4 *Phasma Sinifolia*
- 5 Walking Leaf Insect, *Phyllium Stecifolium*
- 6 " " *Mantis Bispinosa*
- 7 " " *Mantis Strumaria*
- 8 Water Measurer, *Tipula Ichneumonina*
- 9 Larva of Swallow-Tail Moth, last stage, *Oncideres Sanguinea*
- 10 Twig of Currant, the general appearance much like that of No. 9
- 11 Larva of Peppered Moth, *Amphidax Betularia*
- 12 " Early-thorn Moth, *Scotea Illumaria*
- 13 " Brimstone Moth, *Rumex Cratagata*
- 14 " Emerald Moth, *Geometra Papilionaria*
- 15 Spiders, *Cecostictis mitalis*, in profile
- 16 " *Epeira prompta*, resting on lichen covered tree
- 17 Pupa of Indian Mantis, *Hymenopus bicornis*
- 18 Larva of Magpie Moth, *Abraxas Grossulariata*
- 19 Larva of Buff-tip Moth, *Pyrra Bucephala*
- 20 " Cinnabar Moth, *Eucheila Jacobae*
- 21 Satin and Gold Tail Moth on Ivy
- 22 Drone Fly and Hive Bee, *Eristalis tenax* et *Apis Mellifica*, on Carrot Blossom
- 23 Larva of Large Elephant Hawk Moth, *Chorocampa Epeior*
- 24 Larva of Small Elephant Hawk Moth, *Chorocampa Porcellus*
- 25 Larva of Small Elephant Hawk Moth, *Chorocampa Porcellus*, terrifying attitude
- 26 Larva of Puss Moth, *Cerura Vinula*, full fed and normal
- 27 Larva of Puss Moth, *Cerura Vinula*, terrifying attitude
- 28 Larva of Puss Moth, *Cerura Vinula*, normal, on Willow
- 29 Larva of Puss Moth, *Cerura Vinula*, one of the Pink Whips completely protruded
- 30 Larva of Lobster Moth, *Stauropus Fagi*
- 31 Asiatic Lizard, *Phrynoscephalus Mystaceus*

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- 3 Gall Fly, *Cynips Gallie Tinctoria*
- 4 Cochineal Insect, *Coccus Cacti*
- 5 Garden Spider, *Epeira Diademata*
- 6 Spider. *Aranca Avicularia*
- 7 Large and Small White Butterfly, *Pieris Brassicae*  
*Rape*
- 8 Colorado Potato Beetle, *Doryphora tentinalis*
- 9 Wasp, *Vespa Fulgaria*
- 10 Crane Fly, *Tipula Oleracea*
- 11 Locust, *Gryllus Dux*
- 12 The Terebro. A Mollusc which eats into the Submarine Cable

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- 7 Camberwell Beauty Butterfly. *Vanessa Antiope*
- 8 Peacock Butterfly. *Vanessa Io*
- 9 Tortoiseshell and Comma Butterfly. *Vanessa Urtica et C. Album*
- 10 Painted Lady Butterfly. *Vanessa Cardui*. On thistle
- 11 Silver-washed Fritillary Butterfly. *Argynnis Paphia*. On pansy
- 12 Purple Emperor Butterfly. *Apatura Iris*. On poplar spray
- 13 Marble White Butterfly. *Melanargia Galathea*
- 14 " " *Hipparchia Circe*
- 15 Death's Head Moth. *Acherontia Atropos*
- 16 Convolvulus Hawk Moth. *Sphinx Convolvulus*

- 17 Humming Bird Hawk Moth. Larva and pupa *Microglossa Stellatarum et Graeca*. On bed straw
- 18 Broad and Narrow Bordered Bee-Hawk Moths. *Hemaris Bombylififormis et Fuciformis*. On honeysuckle
- 19 Burnett Moths, six and five spot. *Zygania FHM-pendula et Lonicerae*. On clover
- 20 Scarlet and Jersey Tiger Moths. *Callimorpha Dominula et Hera*. On nettle
- 21 Garden and Cream Spot Tiger Moths. *Arctia Caja et Fulica*. On blackberry spray
- 22 Emperor Moths, male and female. *Saturnia Carpi*. On spray of wild rose
- 23 Oak Egger Moths. *Lastocampa Quercus*. On blackberry
- 24 Puss Moth. *Cerura Vinula*. On willow
- 25 Common Yellow Underwing Moths. *Triphena Pronuba*. On primrose
- 26 Crimson Underwing Moth. *Catocala Spona*. On oak spray
- 27 Clifton Nonpareil Moth. *Catocala Frazina*. On poplar

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- 5 Marble White Butterfly and the underside. *Argy Galathea*
- 6 Meadow Brown Butterfly and the underside (Male). *Hipparchia Janira*
- 7 Ringlet Butterfly. *Hipparchia Hypananthus*
- 8 Red Admiral Butterfly. *Vanessa Atalanta*
- 9 " " Wings closed.
- 10 " " Wings open.
- 11 Large Skipper Butterfly. *Ramphela Sylvanus*
- 12 Painted Lady Butterfly. *Cynthia Cardui*
- 13 Painted Lady Butterfly.
- 14 Small Heath Butterfly. *Canonympha Pamphilus*
- 15 Orange Tip Butterfly. *Eucloe Cardaminid.*
- 16 Small Blue Butterfly. *Polyommatus Alas.*
- 17 Small Garden White Butterfly.
- 18 Small Pearl-bordered Butterfly.
- 19 Indian Butterfly.
- 20 " " *Kallima Maches*
- 21 " " *Papilion.*
- 22 Various Wings of Butterflies.
- 23 Spurge Hawk Moth.
- 24 Convolvulus Hawk Moth.
- 25 Privet Hawk Moth.
- 26 Poplar Hawk Moth.
- 27 The Eyed Hawk Moth.
- 28 Large Elephant Hawk Moth.
- 29 Lime Hawk Moth.
- 30 Ghost Moth.
- 31 Old Lady Moth.
- 32 Red Underwing Moth.
- 33 Yellow Underwing Moth.
- 34 Scarlet Tiger Moth.
- 35 Buff Tip Moth.
- 36 Swallow-tailed Moth.
- 37 Large American Silkworm Moth.
- 38 Currant Moth.
- 39 Death's Head Moth.
- 40 Emperor Moth.
- 41 Moth of the Vegetable Caterpillar. *Hepialus Viteae*
- 42 Skin of Caterpillar of Emperor Moth.
- 43 " "
- 44 Vegetable "Caterpillar" of New Zealand.
- 45 Caterpillar of Comma Moth.
- 46 Two Caterpillars of Comma Moth.
- 47 Caterpillar of Ermine Moth.
- 48 Caterpillar on Euonymus, in Web.
- 49 " " feeding in Web.
- 50 Caterpillar, "Geometer, representing a Stick.
- 51 Indian Long Horn Beetle.
- 52 Great Silver Beetle. *Hydrophilus Piceus*.
- 53 Sailor Beetles.
- 54 Musk Beetle. *Aromia* or *Cerambyx Moschatus*.
- 55 Stag Beetle. *Lucanus Cervus*.
- 56 Cockroach. *Blatta*.
- 57 Dragon Fly.
- 58 " " (Male).
- 59 " " Demoiselle.
- 60 Smoked-winged Dragon-flies (Male and Female).
- 61 Chinese Lantern Fly.
- 62 Drone Fly on Sunflower.
- 63 Ant Lion.
- 64 Garden Snails feeding on Leaf.
- 65 " " on top of Flower.
- 66 Large Green Grasshopper.
- 67 Frog Hopper, Stag Horn. Indian Tea Tree.
- 68 Aphid on Leaf Stalk.
- 69 Black Ants.
- 70 Earwigs.
- 71 Spiders.
- 72 Three Scorpions.
- 73 Scorpion, underside.
- 74 " " three-quarters.
- 75 Water Scorpion.
- 76 Shrimp.
- 77 Freshwater Shrimp.
- 78 Centipede.
- 79 Star Fish.
- 80 " " 5 Ray and 13 Ray.
- 81 Dytiscus, Water Beetle.
- 82 Group of Larva of Dytiscus Marginalatus.
- 83 Water Mantis, *Ranatra Linearis*.
- 84 Crab.

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## 8 A B L

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## C Q

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For Slides on Coal Mining see pages 132-134.

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|-------------------------------------|---------------------------------|---------------------------|--------------------------------|
| 1 Egyptian Mural Painting           | 19 Chinese painted Porcelain    | 46 Asbury Ware            | 73 Completed group             |
| 2 " Painted Pottery                 | 20 Japanese Porcelain           | 47 Burslem Moulded Ware   | 74 The Biscuit Oven            |
| 3 " Aryhallos Porcelain             | 21 " Pottery                    | 48 Wedgwood Vases         | 75 Contraction during fire     |
| 4 Assyrian Cylinder                 | 22 Mexican and Peruvian Pottery | 49 " Gems                 | 76 The dipper                  |
| 5 Greek Primitive Pottery           | 23 Persian Ware                 | 50 Leeds Pottery          | 77 The warehouse for ornaments |
| 6 " Geometric Pottery.              | 24 Indian Pottery               | 51 Dresden Porcelain      | 78 Saucers in glost seggar     |
| 7 " Archaic Pottery                 | 25 Damascus Ware                | 52 Sevres "               | 79 The warehouse for services  |
| 8 " Fine Pottery                    | 26 Rhodian Ware                 | 53 Chelsea "              | 80 The Printing Room           |
| 9 Early British Pottery             | 27 Arabian Lamp                 | 54 Bow "                  | 81 Copperplate and print       |
| 10 Lake dwellers Pottery I.         | 28 Turkish Pottery              | 55 Old Derby "            | 82 Printed patterns            |
| 11 " " Pottery II.                  | 29 " Tiles                      | 56 Old Worcester "        | 83 The Painter                 |
| 12 Late Celtic Ware                 | 30 Spanish Majolica             | 57 Plymouth "             | 84 The Banding Room            |
| 13 Romano-Teutonic Pottery          | 31 Italian "                    | 58 Bristol " MANUFACTURE. | 85 The Gilding do.             |
| 14 Roman grey ware                  | 32 Delf Ware                    | 59 Materials              | 86 Plates in Rack              |
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| 16 Roman decorated ware             | 34 Nevers Pottery               | 61 The Mill               | 88 The Enamel Kiln             |
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|                                     | 45 Burslem Salt glazed          | 72 Parts of figures       |                                |

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| 1 Egyptian Glass-Blowers    | 24 Venetian Clear Glass     | 46 The Chair                  |
| 2 " Glass Vases             | 25 " Frosted                | 47 Glassworker's Tools        |
| 3 Assyrian Glass            | 26 " Vitro di Trina         | 48 The Blower                 |
| 4 Greek "                   | 27 French Glass             | 49 The Marver                 |
| 5 Roman Green Glass         | 28 Spanish "                | 50 Forming Work on Blowpipe   |
| 6 " Ornamental Glass        | 29 " Fancy Glass            | 51 Work opened on Pontil      |
| 7 " Glass (two pieces)      | 30 " White "                | 52 Making Handle              |
| 8 " Millesimo Glass         | 31 Dutch Glass              | 53 Detaching Work from Pontil |
| 9 " Cut Glass               | 32 " Engraved Glass         | 54 Glass Threading            |
| 10 The Auldjo Vase          | 33 German Painted Glass     | 55 Threaded Vases             |
| 11 Anglo-Saxon Glass        | 34 " Drinking "             | 56 Moulding                   |
| 12 Glass Beads              | 35 " Clear "                | 57 " (diagram)                |
| 13 Greek Mirrors            | 36 " Hook "                 | 58 Moulded Glass              |
| 14 Chinese Glass            | 37 " Mounted "              | 59 The Annealing Oven         |
| 15 Syrian "                 | 38 Bohemian Glass           | 60 The Cutting Shop           |
| 16 Byzantine Glass          | 39 Bristol "                | 61 Specimens of Cut Glass     |
| 17 Indian "                 | 40 " White Glass            | 62 Glass Engravers            |
| 18 Persian "                | 41 English Drinking Glasses | 63 Engraved Glass             |
| 19 Arabian Vase             | MANUFACTURE.                | 64 Rock Crystal Glass         |
| 20 Arabian Lamp             | 42 The Mixing Room          | 65 Cameo Cutting              |
| 21 Venetian Enamelled Glass | 43 Glass Pots               | 66 Carved Glass               |
| 22 " Coloured               | 44 The Glass House          | 67 Cameo Glass                |
| 23 " Millesimo              | 45 The Cave                 |                               |



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- 6 " Assay Furnaces
- 7 " Chemical Laboratory (Assay department)
- 8 " Chemical Laboratory (another view)
- 9 Silver Melting House
- 10 Gold
- 11 Casting Silver Bars
- 12 Rolling Silver Bars into Fillets
- 13 The Drag Bench
- 14 Weighing the Fillets
- 15 Annealing Silver Fillets
- 16 Cutting Blanks from the Fillets

- 17 Annealing the Blanks
- 18 Washing the Blanks
- 19 Drying and Polishing the Blanks

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- 21 The Die Turnery
- 22 Hardening the Die
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- 4 " " " Stater, Verica " — A.D.
- 5 " " " Stater, Andocomus about — A.D.
- 6 " " " Quater-Stater, Tincomius " 15 B.C.
- 7 " " " Stater, Cunobeline " 40 A.D.
- 8 " " " Silver Cunobeline " 40 A.D.
- 9 " " " Copper Cunobeline " 40 A.D.
- 10 Anglo-Saxon Silver Sceatta " 780 A.D.
- 11 " " " Copper Styca, Ethelred 840-848 A.D.
- 12 " " " Penny, Cuthred, King of Kent 798-805
- 13 " " " Coenwulf, King of Mercia 794-815
- 14 " " " Coelntho, Archbishop of Canterbury 830-870
- 15 " " " Aelfred the Great 873-901
- 16 " " " Eadward the Elder 901-925
- 17 " " " Aethelstan 925-941
- 18 " " " Aethelred II. 978-1016
- 19 " " " Aethelred II. 978-1016
- 20 " " " Canute 1016-1035
- 21 " " " Harold I. 1035-1040
- 22 " " " Edward the Confessor 1042-1066
- 23 " " " Harold II. 1066

- 24 Post Conquest Penny, William I. or II. { 1066-1087 or 1087-1100
- 25 " " " Stephen 1135-1154
- 26 " " " Edward I. 1272-1307
- 27 " " " Gold Noble, Edward III. 1327-1377
- 28 " " " Groat, Henry V. 1413-1422
- 29 " " " Henry VII. 1485-1509
- 30 " " " Half-groat, Henry VIII. 1509-1547
- 31 " " " Shilling, Philip & Mary 1554-1558
- 32 " " " Crown, Elizabeth 1558-1603
- 33 " " " Coin, Elizabeth 1558-1603
- 34 " " " Crown, James I. 1603-1625
- 35 " " " Sovereign, Charles I. 1625-1649
- 36 " " " Crown, Charles I. 1625-1649
- 37 " " " Half-crown, Charles I. " "
- 38 " " " £3 gold piece, Charles I. " "
- 39 " " " Newark Shilling, Charles I., Siege piece 1648
- 40 " " " Pontefract, Charles II., " 1648 (Struck after Charles I. death)
- 41 " " " Crown, Cromwell 1649-1660
- 42 " " " Commonwealth 1649-1660
- 43 " " " Maundy 4d., Charles II. 1679
- 44 " " " Guinea, William & Mary 1688-1694
- 45 " " " Farthing, Anne 1703-1714
- 46 " " " Maundy 4d., George III. 1792
- 47 " " " Shilling, George IV. 1831
- 48 " " " George IV. 1831
- 49 " " " George IV. 1836
- 50 " " " Crown, Victoria, 1847 1837-1901

Note.—For Slides of Ancient Coins, see Index.

EDUCATIONAL SERIES OF SLIDES—*Continued.***AER THE BUILDING OF SALTASH BRIDGE.***Beautifully Painted, 5s. each ; Plain Slides, 1s. each.*

- 1 Shows First Piers Built (Saltash side) and First Arch (locally called tubes) in course of construction on Devon shore of River Tamar. (Copy of an old print of 1856. See type of steamboat and ferry bridge then in use on river.)
- 2 Shows First Arch in Place and Second Arch being Lifted into Position. This was done by means of the tide at the rate of 6 feet per week, the pier (masonry) at shore end being built up at each lift. View looks towards Saltash (Cornish side). (Copy of an old print, 1857-8.)
- 3 View of Bridge, taken from Saltash (Cornish side), showing Devon bank of River Tamar. See also Main Line of L. and S.W. Railway to London, which passes under Devon end of Bridge.
- 4 Full-length View of Bridge, looking up the River Tamar. Industrial Training Ship (Mount Edgcumbe) above bridge. Two men-of-war below bridge.

**CU STEAM ENGINES, MOTORS, ETC.***Plain Slides, 1s. each.*

- 1 Hero's Engine
- 2 James Watt's first experiment
- 3 James Watt inventing the Steam Engine
- 4 Watt's Engine with Sun and Planet gear (photographed direct from one of the last engines made by Watt)
- 5 Trevethick's Model
- 6 " Engine
- 7 Murdoch's Model Engine
- 8 Stephenson's Rocket Engine
- 9 Puffing Billy
- 10 Midland Railway Engine, 1896
- 11 " Train, 1895
- 12 Triple-expansion Engines of an Ironclad
- 13 Serpollett's Motor Car
- 14 Roots and Venable's Oil Motor, kerosene, not spirit or benzoline
- 15 Propeller Steam Vehicles, four-wheeled Waggonette, Luggage and three-wheeled Victoria
- 16 Train leaving Euston Station
- 17 L. N. W. Railway Express Train
- 18 M. R. Train entering S. Pancras Station
- 19 Steam Motor Car,  $\frac{1}{2}$  horse-power. Front view showing Condenser
- 20 Steam Motor Car,  $\frac{1}{2}$  horse-power. Side view showing steering, water tank, &c.
- 21 Steam Motor Car,  $\frac{1}{2}$  horse-power. Corner view showing works
- 22 The Albion Ivel Agricultural Motor
- 23 The Albion Ivel Agricultural Motor hauling a mowing machine
- 24 The Albion Ivel Agricultural Motor working a reaper and binder
- 25 The Albion Ivel Agricultural Motor drawing a double furrow plough
- 26 Lord Roberts on a Motor Car at Aldershot
- 27 Mr. Cecil Edge (cousin of Mr. S. D. Edge) on a sixteen horse-power Napier Motor Car
- 28 The First Locomotive passing Great Grimsby Church, on the Manchester, Sheffield, and Lincolnshire Railway
- 29 Blenkinsop's Leeds Locomotive, as constructed for Chas. Brandling, Esq., Middleton. The first commercially successful Engine used on any Railway. Four of the Engines were made by Fenton, Murray and Co. of Leeds
- 30 Church's Patent, 1st July, 1832. London and Birmingham Steam Carriage Co.
- 31 The Progress of the Wheel. The Ousting of the Horse from London thoroughfares.
- 32 Steam Carriage. The First Motor Omnibus in London. 1833.
- 33 Hancock's Steam Omnibus, which ran on the common Roads.
- 34 The new 4-Cylinder Engine, on a Permanent Way Improved for Safety (Germany).
- 35 A 10 h.p. Panhard Motor Car.
- 36 A Motor Car on the Road (4-seater).
- 37 Gordon-Bennet Race, 1904. The Finish.
- 38 Cugnot's Steam Car, 1770.
- 39 William Church's Steam Carriage, 1832.
- 40 The King's Coach in the 20th Century.
- 41 Hancock's Steam Coach. The "Era" Arriving at Greenwich. 1833.
- 42 Mr. Galsworthy Gurney's Steam Carriage, 1833
- 43 The Squire and Macerone Steam Coach on the Harrow Road, 1833.
- 44 The Touring Car in 1860. Rickett's Steam Carriage for common Roads.

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## EDUCATIONAL SERIES OF SLIDES—Continued.

**Z R** WORK IN A LONDON BREWERY.

From Direct Negatives.

*Beautifully Painted, 5s. Plain Slides, 1s. each.*

- |  |  |  |
|--|--|--|
| 1 The Tumblers used for washing the Casks. | 8 The Hop Floor.                         | 15 Mash Tuns (Interiors), showing the Rakes. |
| 2 The Mash Tuns.                           | 9 The Cooperage.                         | 16 The Liquor Back (capacity 681 barrels).   |
| 3 One of the Stout Cellars.                | 10 Coppers for Brewing Porter and Stout. | 17 One of the Ale Cellars.                   |
| 4 Porter Tun-room.                         | 11 Cask Making.                          | 18 Cask Elevators.                           |
| 5 The Refrigerator.                        | 12 Steaming and Cleaning Casks.          | 19 Malt Cases.                               |
| 6 Fermenting Vessel.                       | 13 The Stable Yard.                      |  |
| 7 " " (Interior).                          | 14 Ale Fermenting Vessels.               |  |

**ABN** THE MOUNT OPHIR WINERY, AUSTRALIA.  
ONE OF BURGOWNE'S AUSTRALIAN VINEYARDS.

From a New Series of Negatives by permission of Messrs. P. B. BURGOWNE &amp; Co.

*Beautifully Painted, 5s.; Plain Slides, 1s. each.*

- |  |   |
|--|---|
| 1 Grapes photographed on the Vine, in a Burgoyne Vineyard.   | 9 A "Crusher" and "Must" Pump at Mt. Ophir. The juice is <i>not</i> "trodden" out in the Empire's Modern Wineries.      |
| 2 A View of the Mt. Ophir Winery, Australia, the largest in the Southern Hemisphere and the property of Messrs. P. B. Burgoyne and Co. | 10 "Must" being pumped from the Crusher into the Fermenting Tank.   |
| 3 A View of the great Central Winery of Mt. Ophir, Vines in foreground.  | 11 Section of Fermenting House at Mt. Ophir Winery, showing silver-plated cooling coils and the energetic fermentation. |
| 4 "Gooseberry-bush" Vines on Mt. Ophir Vineyard, Victoria.   | 12 Grape-juice in two stages of Fermentation. Mt. Ophir Winery.   |
| 5 Trellised Vines on a Burgoyne's Model Vineyard in Victoria.  | 13 A Fermenting House at Mt. Ophir. Each of the numerous tanks will ferment 2,000 gallons of grape-juice.               |
| 6 Grape-picking on a Burgoyne Vineyard, Victoria.  | 14 Storage Vats of 3,000 gallons at the Mt. Ophir Winery.   |
| 7 Grapes Hanging on a Vine in a Burgoyne Vineyard. The matchbox conveys idea of size.  | 15 Maturing Casks of 1,200 gallons at the Mt. Ophir Winery.   |
| 8 A "Crushing" Floor at Mt. Ophir. The "Must" Pump distributes the liquid to the Fermenting Tanks.                                     | 16 Trellised Carbenet Sauvignon Vines and the Manager's Bungalow at the Mt. Ophir Winery.                               |

**8BN** SUGAR INDUSTRY.*Beautifully Painted Figures, 8s. 6d.**Views, 5s. Plain Slides, 1s. each.*

## South America.

- |               |                                   |
|---------------|-----------------------------------|
| 1 Pernambuco. | Bullock Sugar Carts outside store |
| 2 " "         | Sugar Mills, Cane Crushers        |
| 3 " "         | Sugar Mill, showing machinery     |

## Hawaian Islands.

- |          |                                  |
|----------|----------------------------------|
| 4 Lihue. | A Sugar Village                  |
| 5        | The Sugar Process. Ploughing     |
| 6        | " " Cutting the Cane             |
| 7        | " " Putting Cane in the flume    |
| 8        | " " The flume on the way to mill |
| 9        | " " End of the flume             |
| 10       | " " Cane entering the mill       |
| 11       | " " Crushing                     |
| 12       | " " Boiling                      |
| 13       | " " Drying                       |
| 14       | " " Weighing                     |

## West Indies.

- |                         |                     |                  |
|-------------------------|---------------------|------------------|
| 15 Bono Intente Estate. | Mill                |                  |
| 16 " " "                | Mill interior.      | Canes brought in |
| 17 " " "                | Carrying the Canes  |                  |
| 18 " " "                | Canes in Wagon      |                  |
| 19 " " "                | Cutting the Cane    |                  |
| 20 Canada.              | Gathering Maple Sap |                  |

## Fiji Islands.

- |   |   |
|---|---|
| 23 Lautoka, The Wharf   |   |
| 24 " " "  | S.S. "Rakaja" (of the N.Z. Shipping Co.)                    |
| 25 " " "  | A field of Sugar-cane belonging to the "Colonial Sugar Co." |
| 26 " " "  | In the sugar fields   |
| 27 " " "  | Women working   |
| 28 Suva, Outrigger Canoe  |   |
| 29 A Dried-up Stream, the banks overgrown with Sugar-cane   |   |
| 30 A Coolie woman planting Sugar-cane, with a European Overseer superintending  |   |
| 31 Coolie women at work in the Sugar Fields. All the labour is done by coolie men, women, and children imported from India. The native Fijians are too few and too lazy |   |
| 32 Coolie Women   |   |

## EDUCATIONAL SERIES OF SLIDES—Continued.

**8VR THE GROWTH, STRUCTURE, DEFECTS AND CONVERSION OF TIMBER.**

A Series of Lantern Slides taken from Actual Specimens of Wood, selected and prepared by Mr. HAROLD BUSBRIDGE, A.R.I.B.A., A.R.C.S., Chief Lecturer in Building Trade Subjects at the Goldsmiths' Institute, and at the L.C.C. Paddington Technical Institute.

Nos. 25 to 29 are taken from specimens in the Natural History Museum, South Kensington, by kind permission of the Curator.

*Plain Slides, 1s. 3d. each*

A scale of inches is photographed with each specimen, so that its approximate dimensions can at once be ascertained from the picture on the screen.

In addition to the common name of each specimen, the correct botanical name of the species is placed in the photograph, so as to be easily read when thrown upon the screen.

**The Growth and Structure of Stems.**

- 1 Endogenous Stems, showing nodes in elevation and section
- 2 Stem of Exogen (Araucaria) showing nodes
- 3 Trunk of Exogen (Mulberry) showing hurr
- 4 Cross section of Oak log showing annual rings, bark, heart and sapwood, and medullary rays
- 5 Cross section of Pitch Pine showing pith and annual rings
- 6 Cross-section of Coccos-wood, showing heartwood and sapwood
- 7 Various woods (radial sections) showing heart and sapwood
- 8 Radial sections of Elder and Chestnut, showing pith
- 9 Cross-section of Yellow Deal, showing node (five knots)

**The Defects of Timber.**

- 10 Two specimens showing warping due to twisted grain
- 11 Yellow Deal, showing cup-shakes
- 12 Honduras Mahogany, showing upset
- 13 Yellow Pine, showing loose knot
- 14 English Apple Tree showing druxy knot
- 15 Beech, showing druxy knot and dotiness
- 16 Beech, showing destruction caused by worms

- 17 Willow (four specimens from same tree) showing foxiness and the progress of decay
- 18 Cedar, showing rind-gall
- 19 Fir timber destroyed by dry rot (two specimens)
- 20 Fir timber covered with dry rot fungus
- 21 Fir timber destroyed by wet rot
- 22 Ash, showing heart shake
- 23 Ash, showing decayed heart and starshake
- 24 Ash, showing ravages of dorcus parallel opidedus
- 25 Pine, showing ravages of sirex juvenca
- 26 Larch, showing ravages of wood wasps (siricidae)
- 27 Wood, showing ravages of white ants (termites)
- 28 Elm, showing ravages of "ships's-worms" (torredo)
- 29 Elm, showing starshake and inbark

**The Causes of Figure in Ornamental Woods.**

- 30 Four specimens showing figure produced by annual rings
- 31 Three specimens showing figure produced by medullary rays
- 32 Two specimens showing figure produced by knots or eyes
- 33 Three specimens showing figure produced by wavy grain
- 34 Three specimens showing figure produced by wavy grain

**The Conversion and Shrinkage of Timber (cross sections).**

- 35 English cherry seasoned in the log with bark on
- 36 English Cherry seasoned in the log with bark stripped
- 37 English Cherry seasoned in square baulk
- 38 English Cherry seasoned in half-logs
- 39 English Cherry seasoned in quarters
- 40 English Cherry seasoned in planks each side of centre
- 41 English Cherry seasoned in plank containing the centre
- 42 English Cherry seasoned in planks cut radially

**Characteristics of Various Useful Woods.**

- 43 Yellow Deal showing typical grouping of knots
- 44 White Deal showing typical grouping of knots
- 45 Larch, showing typical grouping of knots
- 46 Differences in Yellow Deal caused by climate, soil, etc.
- 47 Three samples of various American Pines
- 48 Oak, Horse Chestnut and Sweet Chestnut, showing differences in grain
- 49 Cuba, Spanish and Honduras Mahogany, showing differences in grain
- 50 White and Honduras Mahogany, showing difference in colour
- 51 American Yellow Pine, showing dark hair marks
- 52 White Deal showing resin cavities

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## EDUCATIONAL SERIES OF SLIDES—Continued.

## CT

## WOOD CARVING.

*Plain Photographs, 1s. each.*

Photographs taken under the direction of Mr. W. H. Howard, at King's College Wood Carving School, and from examples kindly lent by the late Prof. Banister Fletcher, I.P.D.L., F.R.I.B.A.

*Examples in the School at King's College, or carved by the Students under the supervision of the Instructors.*

- 1 Interior of carving studio at King's College
- 2 Three Elementary examples, showing successive stages of development
- 3 Picture or Mirror Frames
- 4 Nine Examples of Renaissance ornament
- 5 Eleven Examples, various—a and c, decorative treatment of the Virginia Creeper; b, ditto, Vine; c, ditto, Blackberry; d, ditto, Oak; f, diaper arrangement of Thorn and Maple foliage; g, a pair of bellows decorated with conventional ornament; h, an Oak Salver carved with a conventional arrangement of the wild Strawberry; k k, two walnut pilaster Capitals carved in the style of the Modern Italian Renaissance
- 6 Three oak panels for sideboard carved with a Gothicized adaptation of the Lily
- 7 Three Examples of Gothic cresting and two examples Gothic cornice or frieze decoration
- 8 Two examples of Gothic perforated tracery
- 9 Renaissance panel—Ivy and Willow; b, Gothic treatment of the Tiger Lily; c, Renaissance panel—a foliated Dragon
- 10 English Renaissance panel, 17th century; b, English Renaissance panel, 18th century; c, Perforated panel, naturalistic foliage
- 11 Tea tray carved in the style known as "Cavo relievo," that is, with the outline of the ornament merely incised and the surface carved within the lines, leaving the ground untouched
- 12 A Table top carved in low relief
- 13 Three Friezes—a, Greek; b, Renaissance of a Greek character; c, Italian Renaissance
- 14 Three Italian Renaissance pilaster panels
- 15 Italian Renaissance Frieze with birds in centre
- 16 Walnut Tables with top and shelf carved in low relief
- 17 Ditto
- 18 Two Examples in high relief, unfinished specimens
- 19 Overdoor after the style of the 17th century—English Renaissance
- 20 Two Slatenettes—French work, 18th century
- 21 Portrait Frame ("Chip" Carving), and 2 Salvers; a, conventionalized Bramble; b, Renaissance ornament
- 22 Two Book Covers, carved in "Cavo Relievo"
- 23 Four specimens 18th century French carving; a and b, Style of Louis XIV. c and d, " " " XVI.

*Examples from the collection of the late Professor Banister Fletcher.*

- 24 A King Charles the Second's Chair
- 25 One example in this case has an unusual treatment of grotesque implements, in one other example grotesque treatment of Birds and Fish, and in the other the woman treated as a Caryatides supporting an Ionic Cap.
- 26 Cases show various pieces of Old Carving
- 27 Ditto
- 28 Case contains several pieces of delicate carving, the middle piece on right hand side being grotesque
- 29 Case contains three forms of Corinthian Capitals, the remaining four pieces being Grecian ornament
- 30 Piece of Moulding in which the Greek Acanthus is beautifully modelled
- 31 A pretty illustration of the Ionic Cap, combined with the Acanthus leaf

- 32 Shows two varieties of Caps, the upper one utilizing the Acanthus leaf, the lower one the egg and tongue as a surmounting moulding
- 33 Are Modern Brackets carved in soft wood—French Renaissance
- 34 A Boy surprised by the singing of the bird
- 35 A Panel which obtained the first prize in 1893 competition at the Carver's Technical Classes
- 36 Shows a bold use of ornament to the style of a door, the diaper pattern filling the triangular space, emphasizing the treatment
- 37 Shows a piece of ornament from the back of an old chair, the subject is scriptural and self-explanatory
- 38 A Panel of German treatment, the scroll work is extremely happy—the subject is the Son leaving the Parental Castle to go to the Wars
- 39 A curious treatment of Angels, Griffins and Eagle, in the centre is a nude woman pouring libations from a vase. This woodcarving is slightly injured by the decay of the wood
- 40 A pair of Wine Bottle holders designed by the Professor. The carving is by Mr. Lonnie
- 41 A Tripod to hold a lamp and Bust made of three antique pieces of carving
- 42 A framed Panel of Grapes and Bird, the work of a French carver
- 43 A fine Carving of Boys with Globe—the group illustrating Astronomy
- 44 A delicate specimen of Wood Carving. The subject is an Italian Beggar. One peculiarity of this carving is that the back is not carved nor even planed but appears to have been fastened to some other woodwork
- 45 A delicately carved Byzantine Cross on both sides and ends with Scriptural Subjects in Panels
- 46 Ditto (reverse side)

*Examples in the possession of R. A. Brangan, Esq.*

- 47 Six Old English Renaissance Friezes
- 48 a, Two small panels; b, small table top in low relief, adapted Elizabethan; c, Byzantine Frieze
- 49 Byzantine Mirror Frame and small Portrait Frame, decorative treatment of "forget-me-not"
- 50 Lion's Head and Festoons of Fruit in high relief. Boar's Head in the round. Right and left sides of pediment, 17th century—Gibbons's School. Conventional Lion's Head in high relief. Circular Panel after "Adams." Antique Panel, figure subject
- 51 a, Old English Cabinet Panel; b b, two Pilaster Enrichments in high relief, human heads with hanging fruit, Modern English
- 52 a, Old English Frieze; b, portion of Frieze, Modern Italian Renaissance; c, Lion and Lioness couchant—carved in the round
- 53 Two Antique Panels—boar hunt and stag hunt
- 54 Five Panels after Talbert, carved in box-wood in very low relief for decoration of Mantel-piece—Modern English work
- 55 Large Oak Bracket—a specimen of very bold carving. Style, Victorian Gothic
- 56 Two Oak Caryatides for Hall Mantel—Modern English work
- 57 Cromwellian Gun-cabinet
- 58 Carved Panel (Flemish Renaissance). Carved by Mr. James Osmond
- 59 a a, 2 Spandrels (Italian Renaissance). b b, 2 Panels for Pediment (Italian Renaissance) Carved by Mr. James Osmond
- 60 a, Oak Frieze for overdoor, Italian Renaissance, Carved by Mr. B. Wallis. b, Mahogany Panel style Louis XVI. Carved by Mr. R. Barnes
- 61 Drop of Flowers, carved in very high relief from Grinling Gibbons, by Mr. R. S. Barnes

EDUCATIONAL SERIES OF SLIDES—*Continued.*WOOD CARVING.—*Continued.*

*Carvings in St. Paul's Cathedral. Grinling Gibbons and his School in the 17th Century. An English rendering of Italian Renaissance under the superintendence of Sir Christopher Wren. Reredos modern.*

62 View of the Organ-case

63 Lower portion of same. Larger scale

- 64 Clergy-stalls, looking towards Dome  
65 Ditto, larger scale. Bishop's Throne in foreground  
66 Pulpit, with Sounding-board and Organ-case  
67 Clergy-stalls, Dean's seat  
68 Choir-stalls and Organ, looking towards Dome  
69 Screen in Chancel, with back entrance to Clergy-stalls  
70 View of Clergy-stalls and Reredos, looking Eastward from beneath Dome



## C V FAMOUS ARTISTS AND THEIR WORK.

From fine steel engravings, principally by permission of Messrs. HENRY GRAVES & Co. Pall Mall.

*Beautifully Painted Views, 5s.*

*Figure Subjects, 8s. 6d. } Plain Slides, 1s. each.*

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- 1 Robert Burns in his cottage composing "The Cotter's Saturday Night"  
2 The Slave Market, Constantinople  
3 Heroism and Humanity

M. ANGELO.

- 4 Michael Angelo Buonarrotti

R. ANDRELL.

- 5 The Gardener's Daughter

- PETRUS BENVENUTI ARCTINUS.  
6 Judith with the head of Holofernes

G. F. BARRIERI.

- 7 The Martyrdom of S. Sebastian

J. C. BENTLEY.

- 8 Summer

BERGERET.

- 9 The Death of Raphael

W. BERGMANN.

- 10 The Virgin, Infant Jesus, and S. John

A. BLANCHARD.

- 11 Raphael Giannetti

ROSA BONHEUR.

- 12 Les Bons Bretons

- 13 Brittany Sheep

J. M. BROMLEY.

- 14 The Foster-mother

T. BROOKS.

- 15 Shakespeare's Courtship

- 16 The Departure (Launching the Lifeboat)

"Swift on the shore a hardy few

The lifeboat man with a hardy crew,  
And dare the dangerous wave."

H. BUCKWITH.

- 17 Low Life

- 18 High Life

LADY BUTLER.

- 19 After the Battle (Tel-el-Kebir)  
20 "Florest Etona" (Battle of Laing's Nek)

CAMUCOINI.

- 21 Portrait of Alberto Thorwaldsen  
22 The Clemency of Scipio

ANNIBALE CARRACCI.

- 23 Portrait of Annibale Carracci

- 24 Christ appearing to S. Peter

LODOVICO CARRACCI.

- 25 Portrait of Lodovico Carracci

S. CATTERMOLLE.

- 26 A Baronial Hall in the olden times

SIR A. CLAY.

- 27 The Court of Criminal Appeal

J. CONSTABLE.

- 28 Stratford-on-Avon

- 29 The Cornfield

- 30 The Valley Farm

A. COOPER.

- 31 Fighting for the Standard at Marston Moor

- 32 Battle of Bosworth

- 33 Battle of Ascalon

C. W. COPE.

- 34 Death of the Princess Elizabeth

- 35 The Departure of the Pilgrim Fathers from Delft Haven, July, 1620

T. S. COPLBY.

- 36 Siege of Gibraltar

- 37 Death of the Earl of Chatham

- 38 Abraham offering up his son

- 39 Hagar and Ishmael in the Wilderness

H. CORBOULD.

- 40 Happy as a Queen

- 41 May Morning

CORREGGIO.

- 42 The Madonna of S. Sebastian

- 43 Ecco Homo

- 44 The Holy Night

JOSHUA CRISTALL.

- 45 Early Dawn

DE LA CROCE.

- 46 Portrait of W. A. Mozart

E. DEGER.

- 47 Madonna and Child

S. P. DENNINGS.

- 48 Portrait of John Burnet

L. W. DESANGES.

- 49 Egypt 1882. (Wolsley and Staff at Pyramids)

FRANK DICKSEE.

- 50 The Symbol. "Is it nothing to you all ye that pass by?"

W. C. T. DOBSON.

- 51 The Child Christ in the Temple

- 52 The Good Shepherd

- 53 Nazareth

- 54 S. John leading the Virgin

W. C. T. DOBSON.

- 55 The Plough—"Train up a child in the way he should go"

- 56 Alms

- 57 The Drinking Fountain

- 58 The Holy Innocents

C. DOLCI.

- 59 La Madonna colle Stelle

- 60 The Redeemer

DOMENICHINO.

(See Zampieri.)

- 61 Portraits of Domenichino

LE DOMINIQUE.

- 62 The Choir

EDWIN DOUGLAS.

- 63 The Highland Heath

- 64 Jersey (Cattle)

- 65 A Jersey Family

- 66 Sark

- 67 Herm

- 68 Alderney



## FAMOUS ARTISTS AND THEIR WORK—Continued.

- GERARD DOUW.  
89 Portrait of Gerard Douw
- S. DRUMMOND.  
70 Windsor Castle Packet" of 160 tons and 28 men, commanded by Capt. Rogers
- EDOUARD DEBUFE.  
71 Return of the Prodigal Son  
72 Portrait of Rosa Bonheur
- A. DURER.  
73 The Crucifixion. "It is finished"
- T. DYCKMANS.  
74 The Blind Beggar
- C. L. EASTLAKE.  
75 Christ Weeping over Jerusalem  
76 Pilgrims in sight of Rome
- R. EDMONDSTONE.  
77 Robert Burns and his Highland Mary
- PIETRO ERMINI.  
78 Torquato Tasso
- JOHN FAER.  
79 Milton in his Study  
80 Shakespeare in his Study
- T. FAER.  
81 Music hath charms  
82 Worn Out  
83 The Reaper  
84 Highland Mary  
85 A Flower from Paddy's Land  
86 Happy as the day is long  
87 New wars to an old soldier  
88 The Keeper's Home  
89 The Last of the Clan  
90 After Work  
91 Sunday in the Backwoods of Canada  
92 The first break in the family  
93 The Miserless Balru  
94 Coming events cast their shadows before them
- MOREL FATTO.  
95 Burning the "Ocean Monarch" Emigrant Ship, Aug. 24th, 1845
- ANKHELM FEUERBACH.  
96 Dante, in exile at the court of Ravenna, followed by his daughter and noble ladies of the court, receives the laurel for his finished "Divine Comedy"
- J. A. FITZGERALD.  
97 Uncle Tom
- THALES FIELDING.  
98 The Death of Robin Hood  
"But give me my best bow in my hand,  
And a broad arrow I'll let flee,  
And where the arrow is taken up  
There shall my grave digg'd be"
- HIPOLYTE FLAUDIN.  
99 Dante's Inferno. "The envious struck with blindness"
- ALEXANDER FISHER.  
100 A Highland Cottage  
101 Robinson Crusoe reading the Bible to his man Friday
- FRERE.  
102 The Widow  
103 The Child's Prayer  
104 The Orphans
- W. P. FRITH.  
105 The marriage of T.R.H. the Prince and Princess of Wales  
106 The Railway Station
- JOS. VON FÜRBRICH.  
107 Angelus Custos
- SIR T. GAINSBOROUGH.  
108 The Duchess of Devonshire
- GERICAULT.  
109 The Raft. Ship in sight
- MARGARET GILLIES.  
110 Hope and Faith
- F. GOODALL.  
111 The Mother of our Lord  
112 The Palm Offering. "She goeth forth unto the grave to weep"
- 113 An Eastern School  
114 The Soldier's Dream  
115 The Angel's Whisper
- P. GÖTTMANN.  
116 Phedre and Hippolyte
- T. S. GULLICK.  
117 Land! Land! Land! Columbus 1492
- HAMMAN.  
118 Musicians: Mozart, Beethoven, &c.
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119 Robert Burns. "And stood with his hand on the plough and his heart with the muse."
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121 The Baptism of the Covenanters
- 122 The Battle of Drumclog
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123 Faith
- SIR G. HAYTER.  
124 The Coronation of H.M. Queen Victoria  
125 The Marriage of Queen Victoria  
126 Dawn revealing the New World to Columbus  
127 Latimer preaching at S. Paul's Cross
- F. HAYES.  
128 Rissi taking farewell of his family
- T. M. HEMY.  
129 Burning the "Kent" East India-man  
130 The wreck of H.M.S. "Birkenhead"
- HERRERT.  
131 Sir Thomas More and his Daughter in the Tower
- HERRING.  
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133 The frugal meal
- H. VON HOFFMANN.  
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- 154 "The Glorious Company of the Apostles praise Thee"
- 155 "To Thee all Angels cry aloud"
- 156 The Fiery Furnace  
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158 The Crown of Glory
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159 Cromwell
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187 Wild Cattle at Chillingham  
188 Red Deer at Chillingham

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 "But oh, Thou bounteous Giver of all good,  
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 354 The Prisoner of Gisora

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 356 Alfred dividing his loaf with the Pilgrim  
 357 Bayard  
 358 Death of Nelson

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MADAME VIGÉE LE BRUN.  
111 Portrait of the Artist

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- 113 Sculptured Head of Antonio Allegri da Correggio

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126 Beata Beatrix
- C. STANFIELD.  
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- 23 Elaine (from Tennyson).

FERRIER.

- 24 Red Riding Hood.

FRAFFE.

- 25 The Last Moments of St. Francis of Assisi.

J. B. GREUZE.

- 26 Bonaparte.

GUILLON.

- 27 Marie Antoinette at the Conciergerie.  
28 Napoleon Embarking for Egypt.

LARONZE.

- 29 Evening Prayer.

LORD LEIGHTON.

- 30 Icarus.

J. LINNELL.

- 31 Noonday Rest.

J. MEISSONIER.

- 32 1814. The Retreat from Moscow.  
33 Napoleon III. at Solferino.

SIR J. E. MILLAIS.

- 34 St. Bartholomew's Day.  
35 The Knight of the Ford.

MUNIER.

- 36 Guardian Angels.

LECOMTE DE NEUV.

- 37 Dictation of Austerlitz.

REYNOUF.

- 38 An Old Sea-dog at the Helm.

RICHEMONT.

- 39 At the Cradle.

ROCHEGROSSE.

- 40 Pillage of a Gallic-Roman Villa by the Huns.

D. G. ROSSETTI.

- 41 Pandora.

SAIN.

- 42 The Prayer: A Child Praying.

SAINTPIERRE.

- 43 At the Fountain.

STEINHEIL.

- 44 Sanctuary.

TESSIER.

- 45 Guardian Angel.

VERNET.

- 46 Napoleon.

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- 47 The Harbour of Refuge: Almshouses.

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| 3 The Sirens.                  | 10 King Cophetua.      | 18 The Second Day of<br>Creation. | 21 The Fifth Day of<br>Creation. |
| 4 Pan and Psyche.              | 11 Music.              | 19 The Third Day of<br>Creation.  | 22 The Sixth Day of<br>Creation. |
| 5 Cupid and Psyche.            | 12 Temperance.         |                                   | 23 Christ's Burial.              |
| 6                              | 13 Faich.              |                                   |                                  |
| 7 The "Forge" of Cupid.        | 14 Hope.               |                                   |                                  |
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| 2 St. Patrick   | Children at the Pantomime  | 52 A Florentine Poet (A. Cahanel)  |
| 3 Happy Childhood (Engel)                                       | 31 "Gather ye roses while ye may" (Harold Percival)                  | 53 Love Locked Out (A. L. Merritt)                                       |
| 4 Alcyone (Ryland)  | 32 The Delights of the Sunny Sands on board a Liner (Max Cowper)     | 54 Death of Francis Xavier   |
| 5 Luna (Kaulbach)   | 33 The Swing.  | 55 Mare and Foal (Heywood Hardy)   |
| 6 Expectation. "He cometh not," she said " (Skipworth)          | 34 The Truant (T. Webster)   | 56 The Pick of the Pack (Two Dogs) (Heywood Hardy)                       |
| 7 Her only Playmates (H. Hardy)                                 | 35 Crossing the Brook (J. M. W. Turner)                              | 57 A Village Wedding (Sir Luke Fildes)                                   |
| 8 "What are the Wild Waves saying?" (C. W. Nicholson)           | 36 Child Harold's Pilgrimage (J. M. W. Turner)                       | 58 The Doctor (Sir Luke Fildes)  |
| 9 A Flood (Sir J. E. Millais)                                   | 37 Dido and Æneas (J. M. W. Turner)                                  | 59 The Legend of the Briar Rose. "The Briar Wood" (Sir E. Burne Jones)   |
| 10 The Lion's Cubs (F. W. Lawson)                               | 38 The Dog and the Shadow (Sir E. Landseer)                          | 60 The Legend of the Briar Rose. "The Council Room" (Sir E. Burne Jones) |
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| 13 The Lady of the Woods (J. Macwhirter) [Dicksee]              | 41 The Death of the Stag (Sir E. Landseer)                           | 63 Love amongst the Ruins (Sir E. Burne Jones)                           |
| 14 The Passing of Arthur (F. Beatrix) (W. E. Miller)            | 42 Chevy Chase (Sir E. Landseer)                                     | 64 The Bracelet (Sir Frederic Leighton)                                  |
| 15 "Good-night, Mummy" (Bergen)                                 | 43 Rout of Comus and his Band (Sir E. Landseer)                      | 65 Fatidica (Sir Frederic Leighton)                                      |
| 16 Sweet Captivity (D. Downing)                                 | 44 The Way to Church (T. Creswick)                                   | 66 Diana or Christ (Edwin Long)  |
| 17 "Absence makes the heart grow fonder" (M. Stone, R.A.)       | 45 A Hopeless Dawn (F. Bramley)                                      | 67 The Widow's Mite (Sir J. E. Millais)                                  |
| 18 Happy as a King (W. Collins)                                 | 46 The Pride of our Isles (B. F. Gribble)                            | 68 The Gambler's Wife (Sir J. E. Millais)                                |
| 19 Mazeppa (A. Hughes)  | 47 Colt Hunting (Lucy Kemp-Welch)                                    | 69 Ulysses and Argus (Briton Riviere)                                    |
| 20 His Ship in sight. (Marcus Stone) [sell]                     | 48 The Joy of Life (Animals) (Lucy Kemp-Welch)                       | 70 Circe and the Companions of Ulysses (Briton Riviere)                  |
| 21 The Snake Charmer (L. Lind-forester)                         | 49 An Equestrian Portrait (Sir E. R. Landseer and Sir J. E. Millais) |  |
| 22 An Unlooked-for Return (A. Forester)                         | 50 A Summer Night (Albert Moore)                                     |  |
| 23 Sir Galahad (Allen Stewart)                                  |  |  |
| 24 Portrait of a Lady (Hoppner)                                 |  |  |
| 25 The Human Eye (a direct photograph)                          |  |  |
| 26 "Swan among swans, than grace more graceful she" (H. Ryland) |  |  |
| 27 "Where shall we hang the Mistletoe?" (Marcella Walker)       |  |  |
| 28 A Christmas Party. "In Mortal Combat." (S. Begg)             |  |  |

## MISCELLANEOUS PICTURES—Continued.

- |   |  |   |
|---|--|---|
| <p>71 Persepolis. The Ancient Capital of Persia (Briton Riviere)</p> <p>72 The Night Watch. Lions prowling at Night amongst the Ruins of the Temple of Memnon at Thebes (Briton Riviere)</p> <p>73 Sympathy (Briton Riviere)</p> <p>74 Envy, Hatred and Malice (Girl with Dogs) (Briton Riviere)</p> <p>75 Stolen Kisses (Briton Riviere)</p> <p>76 All that was left of the Homeward Bound (Briton Riviere)</p> <p>77 A Winter's Tale. Collie Dogs finding a Lost Child asleep in the Snow (Briton Riviere)</p> <p>78 Playfellows (Briton Riviere)</p> | <p>79 His only Friend (Briton Riviere)</p> <p>80 Canterbury (Brunet Debaines)</p> <p>81 Great Marlow (Vicat Cole)</p> <p>82 Westminster (Vicat Cole)</p> <p>83 Salisbury Cathedral, from the Bishop's Garden (J. Constable)</p> <p>84 Vows (Frank Dicksee)</p> <p>85 A Love Story (Frank Dicksee)</p> <p>86 Harmony (Frank Dicksee)</p> <p>87 The Widow's Birthday (W. Dendy Sadler)</p> <p>88 The Plough. "Man goeth forth to his work and to his labour until the evening" (F. Walker)</p> <p>89 The Lost Path (F. Walker)</p> <p>90 A Disciple (Sir J. E. Millais)</p> <p>91 Salvator Infantum (Stacpoole Haycraft)</p> | <p>92 "And the sea gave up the dead that were in it" (Lord Leighton)</p> <p>93 Without benefit to the Church "Excommunicated" (Knight kneeling in the Snow outside Church) (A. Forestier)</p> <p>94 Ophelia.</p> <p>95 Spring. (Head of Child) (Gunning King)</p> <p>96 Summer. (Head of Woman) (Gunning King)</p> <p>97 Autumn. (Head of Woman) (Gunning King)</p> <p>98 Winter. (Head of Woman) (Gunning King)</p> <p>99 Spring. (C. S. Dixon)</p> <p>100 Summer. (C. S. Dixon)</p> <p>101 Autumn. (C. S. Dixon)</p> <p>102 Winter. (C. S. Dixon)</p> |
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## UC HUMOROUS DRAWINGS BY PHIL MAY AND OTHERS.

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NOTE—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



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- 12 Guardi. "Ansicht von Venedig."

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- 18 Quentin Massys. The Legend of S. Anna.
- 19 Hans Memling. Christ on the Cross, with Mary and John Weeping.
- 20 Hans Memling. Portrait of Guillaume Moreel, Bürgermeister of Brügge.
- 21 Antonio Moro. Duke of Alba.
- 22 Schule des B. Van Orley. Wilhelm von Norman.
- 23 Petrus Paulus Rubens. The Virgin with the Child Jesus.
- 24 Stuerbout van Haarlem. The Martyrdom of S. Sebastian.

**BUCKINGHAM PALACE.**

- 25 Gerard Dou. Doctor and Patient.
- 26 Mytens. King Charles I. and his Wife Henrietta, with Prince Charles, afterwards Charles II.
- 27 Sir Joshua Reynolds. Richard Burke.
- 28 Sir Joshua Reynolds. The Death of Dido.
- 29 Sir Joshua Reynolds. Cymon and Iphigenia.

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- 30 Hans Memling. Shrine of S. Ursula.
- 31 Hans Memling. Shrine of S. Ursula, with Virgin and Child.
- 32 Hans Memling. Shrine of S. Ursula. The Arrival of the Pilgrims at Cologne.
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- 34 Hans Memling. Shrine of S. Ursula. The Arrival of the Pilgrims at Rome.
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- 37 Hans Memling. Shrine of S. Ursula. The Martyrdom of S. Ursula.
- 38 Hans Memling. Shrine of S. Ursula. The Holy Virgin with the Child and two Donatrices.
- 39 Hans Memling. Shrine of S. Ursula. S. Ursula Sheltering her Companions under her Mantle.

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- 45 Harmensz van Ryn Rembrandt. The Artist as an Officer.
- 46 Harmensz van Ryn Rembrandt. The Architect.
- 47 Harmensz van Ryn Rembrandt. Nicolas Bungingh.
- 48 Rembrandt van Ryn. Landscape with Ruins.

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- 59 St. Christopher and St. Anthony (outside of Shutters of Triptych).

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- 61 Antonio van Dyck. Henrietta of France, Queen of England (upper part).
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- 64 A. F. Van der Meulen. The Entry of Louis XIV. into Arras.
- 65 Harmensz van Ryn Rembrandt. "Saskia" (full face).
- 66 Harmensz van Ryn Rembrandt. Saskia and Rembrandt.
- 67 Andrea del Sarto. Abraham's Offer.
- 68 Paolo Veronese. The Centurion of Capernaum.

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 72 Sir Joshua Reynolds. Portrait of Mrs. Siddons as the Tragic Muse.  
 73 Sir Joshua Reynolds. The Mother and her Sick Child.  
 74 Raffaello Sanzio. St. Francis of Assisi.

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 84 Andrea del Sarto. The Holy Family.

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 90 Giovanni Bellini. Christ's Agony in the Garden.  
 91 Giovanni Bellini. Landscape with the death of St. Peter Martyr.  
 92 Giovanni Bellini. St. Peter Martyr.  
 93 Giovanni Bellini. St. Dominic.  
 94 Ambrogio Borgognone. Family Portraits (Ladies).  
 95 Ambrogio Borgognone. Family Portraits (Gentlemen).  
 96 Botticelli. See Sandro. Filipepi.  
 97 Michelangelo Buonarroti. The Madonna and Infant Christ.  
 98 Michelangelo Buonarroti. The Entombment of Our Lord.  
 99 Giovanni Cimabue. The Madonna and Child Enthroned.  
 100 Piero di Cosimo. Death of Procris.  
 101 John Crome. Mousehold Heath.  
 102 Allegri Correggio. Mercury and Cupid.  
 103 Duccio di Buoninsegna. The Annunciation.  
 104 Duccio di Buoninsegna. Madonna and Child (a Triptych).  
 105 Anthony Van Dyck. An Equestrian Portrait of Charles I., King of England.  
 106 Jan van Eyck. Portrait of a Lady and a Flemish Merchant.  
 107 Piero Della Francesca. The Nativity of Our Lord.  
 108 Piero Della Francesca. The Baptism of Christ in the River Jordan.  
 109 Piero della Francesca. Portrait of a Lady.  
 110 De Freggar. The Holy Night.  
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 112 Sandro Filipepi (Botticelli). The Virgin and Child, St. John the Baptist and an Angel.  
 113 Sandro Filipepi (Botticelli). The Assumption of the Virgin.  
 114 Sandro Filipepi (Botticelli). Mars and Venus.  
 115 Thomas Gainsborough. Portrait of Orpin.

- 116 Thomas Gainsborough. Portrait of R. Schomberg.  
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 118 Thomas Gainsborough. A Watering Place.  
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 120 Jan Josefz Van Goyen. A River Scene.  
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 122 Meindert Hobbema. Avenue at Middleharnis, Holland.  
 123 Meindert Hobbema. A Wooded Landscape.  
 124 Fra Filippo Lippi. The Annunciation.  
 125 Fra Filippo Lippi. The Annunciation.  
 126 Fra Filippo Lippi. St. John the Baptist, with six other Saints.  
 127 Lorenzo Lotto. Agostino and Niccollo della Torre.  
 128 Lorenzo Lotto. A Family Group.  
 129 Sebastiano Luciani. The Holy Family.  
 130 Sebastiano Luciani. The Resurrection of Lazarus.  
 131 Nicolas Maes. The Dutch Housewife.  
 132 Margaritone di Magnano. The Virgin and Child, with Scenes from the Lives of the Saints.  
 133 Andrea Mantegna. The Virgin and Child, St. John and the Magdalen.  
 134 Andrea Mantegna. The Agony in the Garden.  
 135 Andrea Mantegna. The Triumph of Scipio.  
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 137 Gahriel Metsu. The Duet.  
 138 Paulus Morandó. St. Rock with the Angel.  
 139 Aart Van der Neer. A Frost Scene, Skating and playing Golf.  
 140 Niccolò de Puligno. The Crucifixion (a Triptych).  
 141 Andrea di Cione Orcagna. The Coronation of the Virgin.  
 142 Adriaan Jansz van Ostade. The Alchymist.  
 143 Jacopo Palma. Portrait of a Poet.  
 144 Ambrogio De Predis. An Angel Playing on a Musical Instrument (Violin).  
 145 Ambrogio De Predis. An Angel Playing on a Musical Instrument (Guitar).  
 146 Bernardino Pinturicchio. The Return of Ulysses to Penelope.  
 147 Vittore Pisano. St. Anthony and St. George.  
 148 Vittore Pisano. The Vision of St. Eustace.  
 149 Antonio Pollaiuolo. The Martyrdom of St. Sebastian.  
 150 Francesco Raibolini (Francia). The Virgin with the Infant Christ, and St. Anne enthroned, surrounded by Saints.  
 151 Rembrandt van Ryn. Adoration of Shepherds.  
 152 Harmens van Ryn Rembrandt. Rembrandt (in old age).  
 153 Harmens van Ryn Rembrandt. The Jewish Merchant.  
 154 Sir Joshua Reynolds. The Graces Decorating a figure of Hymen.  
 155 Sir Joshua Reynolds. Age of Innocence.  
 156 Sir Joshua Reynolds. Portrait of Lady Cockburn.  
 157 Sir Joshua Reynolds. Admiral Keppel.  
 158 Josef Ribera (Lo Spagnoletto). The Dead Christ.  
 159 Jacopo Robusti (Tintoretto). The Milky Way.  
 160 Jacopo Robusti (Tintoretto). St. George Destroying the Dragon.  
 161 Raffaello Santi. The Vision of a Knight.  
 162 Raffaello Santi. Madonna Enthroned.  
 163 Raffaello Santi. Madonna of the Tower.  
 164 Raffaello Santi da Urbino. S. Catherine of Alexandria.  
 165 Raffaello Sanzio. Portrait of Julius II.  
 166 Peter Paul Rubens. The Triumph of Silenus.  
 167 Jan Steen. The Music Master.  
 168 Luca Signorelli. The Nativity.

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- 168 David Teniers the Younger. Players at Tric Trac or Backgammon.  
 169 David Teniers the Younger. Boors Regaling.  
 170 J. M. W. Turner. Dido Building Carthage.  
 171 Tuscan School (15th Century). The Angel Raphael and Tobias.  
 172 Paolo Uccello. The Battle of St. Egidio (7th of July, 1416).  
 173 Umbrian School. The Story of Griselda. No. 1.  
 174 Umbrian School. The Story of Griselda. No. 2.  
 175 Umbrian School. The Story of Griselda. No. 3.  
 176 Umbrian School. The Story of Griselda.  
 177 Tiziano Vecellio. Christ appearing to Mary Magdalene after His Resurrection.  
 178 Tiziano Vecellio. Bacchus and Ariadne.  
 179 Tiziano Vecellio. Portrait of Ariosto.  
 180 Diego Rodriguez de Silva y Velasquez. Portrait of Admiral Pulido-Pareja.  
 181 Diego Rodriguez de Silva y Velasquez. Portrait of Philip IV. (head and bust only).  
 182 Paolo Veronese. The Adoration of the Magi.  
 183 Paolo Veronese. The Family of Darius at the Feet of Alexander.  
 184 Leonardo Da Vinci. The Virgin of the Rocks.  
 185 E. M. Ward. James II. receiving the News of the landing of the Prince of Orange.
- SIR A. W. NEELD.
- 186 Thomas Gainsborough. View in the Mall, St. James's Park.
- PITTI PALACE, FLORENCE.
- 187 Fra della Porta Bartolommeo. The Risen Christ and the Four Evangelists.  
 188 Fra della Porta Bartolommeo. Mourning over the Dead Body of Christ.  
 189 Fra della Porta Bartolommeo. St. Mark.  
 190 Antonio van Dyck. The Repose in Egypt.  
 191 Fra Filippo Lippi. Holy Family with Angels.  
 192 Bartolome Estéban Murillo. Virgin Mary with the Child Jesus.  
 193 Guido Reni. Cleopatra.  
 194 Raffaello Santi. The Madonna with the Grand Duke.  
 195 Raffaello Santi. La Madonna Della Seggiola.  
 196 Raffaello Santi. La Donna Velata.  
 197 Andrea del Sarto. The Madonna in Glory with Four Saints.  
 198 Andrea del Sarto. The Annunciation.  
 199 Andrea del Sarto. Mary's Ascension.  
 200 Andrea del Sarto. Mourning over the Dead Body of Christ.  
 201 Andrea del Sarto. The Virgin Mary with Saints.  
 202 Andrea Vannucchi. St. John the Baptist.  
 203 Andrea Vannucchi. The Holy Family.
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 205 Antonio da Canal. The Departure of the Doges of Venice for the Marriage of the Adriatic.  
 206 Francois Clouet. Portrait of Herzog von Alencon.  
 207 Lucas Cranach. The Madonna under an Appletree.  
 208 Aelbert Cuyp. Horses.  
 209 William Dobson. Abraham van der Dort.  
 210 Gerard Dou. The Violinist.  
 211 Antonio van Dyck. William II. of Nassau.  
 212 Antonio van Dyck. Philip, Lord Wharton.  
 213 Antonio van Dyck. Charles I., King of England (upper part).  
 214 Antonio van Dyck. Charles I., King of England.  
 215 Jan van Eyck. The Angels' Salutation.  
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 217 Giorgio Barbarelli Giorgione. Judith.  
 218 Jean Baptiste Greuze. Boy with a Book.  
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 221 Sir Godfrey Kneller. Sculptor Grinling Gibbons.  
 222 Bernardino Luini. The St. Catherine with Two Angels.  
 223 Gabriel Metsu. The Concert.  
 224 Michiel Jansz Mierevelt. Child with Parrot.  
 225 Antonio Mor. Sir Thomas Gresham.  
 226 Bartolome Estéban Murillo. The Vision of St. Anthony.  
 227 Adriaan van Oostade. A Peasant Family.  
 228 Sebastiano del Piombo. Cardinal Reginald Pole.  
 229 Paulus Potter. Wolf Dog.  
 230 Francesco Raibolini. Mary with the Child and Angels.  
 231 Harmensz van Ryn Rembrandt. Portrait of an Old Lady (hands hidden in the ample sleeves; Rembrandt's mother).  
 232 Harmensz van Ryn Rembrandt. Man with fur cap (and ear-ring), alleged to be John III., Sobieski, King of Poland.  
 233 Harmensz van Ryn Rembrandt. The Crucifixion.  
 234 Harmensz van Ryn Rembrandt. Sobieski.  
 235 Sir Joshua Reynolds. God of Love Loosening the Girdle of Venus.  
 236 George Romney. Portrait of S. R. Boronzowa.  
 237 Petrus Paulus Rubens. Philip IV., King of Spain.  
 238 Petrus Paulus Rubens. Helene Fourment, Rubens's Second Wife.  
 239 Petrus Paulus Rubens. The Carter's Man.  
 240 Jacob van Ruysdael. The Waterfall (Norwegian landscape).  
 241 Raffaello Santi. Mary with the Child and John.  
 242 Raffaello Santi. St. George.  
 243 Raffaello Santi. The Crucifixion; Mary, St. John, Magdalene and St. Heronimus.  
 244 Raffaello Santi. Mary with the Child.  
 245 Andrea del Sarto. The Holy Family.  
 246 Frans Snyder. The Stall of Fruit.  
 247 David Teniers. In a Kitchen.  
 248 Giovanni Battista Tiepolo. Banquet of Cleopatra.  
 249 Tiziano Vecellio. Pope Paul III. (Alexandro Farnese).  
 250 Diego Rodriguez de Silva y Velasquez. Pope Innocent.  
 251 Leonardo da Vinci. The Holy Child's Evening Meal.  
 252 Antoine Watteau. Minuet.  
 253 Rogier van der Weyden. St. Luke Sketching the Madonna.  
 254 Philip Wouvermans. The Race for the Cat.  
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 261 Frans Hals. Admiral de Ruyter.  
 262 Hans Holbein. Henry VIII., Princess Mary and William-Somers.  
 263 John Hoppner. Lady Caroline Lamb.  
 264 Francois Janet. Mary Queen of Scots.  
 265 Sir Peter Lely. Nell Gwynne.  
 266 Sir Peter Lely. Barbara Palmer, Countess of Castlemain.

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- 267 Sir Peter Lely. Louise de la Querouaille.  
 268 Sir Peter Lely. Queen Maria von Modena.  
 269 Gottfried Maes. Cornelius van Tromp.  
 270 Antonis Mor. Philip II. of Spain.  
 271 Harmensz van Ryn Rembrandt. Prince of Orange, William II.  
 272 Sir Joshua Reynolds. Angelica Kaufmann.  
 273 Sir Joshua Reynolds. Viscount Althorpe.  
 274 Sir Joshua Reynolds. Sir J. Reynolds.

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- 275 Fra della Porta Bartolommeo. Enthronement of the Virgin Mary with Child and Saints.  
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 277 Raffaello Santi. Fornarina.  
 278 Raffaello Santi. Portrait of the Artist.  
 279 Andrea del Sarto. "Madonna delle Arpie."  
 280 Andrea del Sarto. The Virgin and Child with St. Frances and St. John the Evangelist.  
 281 Andrea del Sarto. Portrait of the Artist.  
 282 Portrait of the Artist and his Wife.  
 283 Andrea del Sarto. Dispute over the Holy Trinity.  
 284 Sandro Filipepi (Botticelli). The Birth of Venus.

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- 285 Raffaello Santi. The Liberation of St. Peter from Prison.  
 286 Raffaello Santi. Poesy.  
 287 Raffaello Santi. Dispute del Santissimo Sacramento. Triumph of Religion.  
 288 Raffaello Santi. Heliodorus' Wonderful Dispersion from the Temple at Jerusalem.  
 289 Raffaello Santi. The School of Philosophy at Athens.

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- 290 Jacopo Robusti (Tintoretto). The Miracle of St. Mark.

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 292 Raffaello Santi da Urbino. Madonna amid Verdure.  
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 300 Antonin van Dyck. Prince Charles, afterwards Charles II.  
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 302 Antonio van Dyck. Henrietta Maria.  
 303 Antonio van Dyck. Lady Digby.  
 304 Antonio van Dyck. Charles I., King of England (full three-quarter face and profile).  
 305 Antonio van Dyck. Charles I., King of England (profile).  
 306 Antonio van Dyck. St. Martin and the Beggar.  
 307 Mignard. Henrietta, Duchess of Orleans and her Two Daughters.  
 308 Paulus Rubens. Philip II. on Horseback.  
 309 Erasmus.  
 310 The Raising of Jairus' Daughter.  
 311 The Calling of Jairus' Daughter.  
 312 The Repose in Egypt.  
 313 Henry of Guise.  
 314 Hans Holbein the Younger. Portrait of King Henry VIII.  
 315 Sir Joshua Reynolds. The Duchess of Devonshire and her Child.  
 316 Sir Joshua Reynolds. The Duchess of Devonshire.

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 2 Albert Memorial Group.  
 3 " Asia.  
 4 " Africa.  
 5 " America.  
 6 "Allured to Brighter Worlds and Led the Way."  
 7 Alfred the Great (Winchester).  
 8 " Side View, showing Shield.  
 9 Angel and Child.  
 10 Angel of Love.  
 11 " " Peace.  
 12 " " Judgment.  
 13 The Bather.  
 14 Blindman's Buff.  
 15 Blind Reading Girl.  
 16 The Bottle.  
 17 Boy with Bird's Nest.  
 18 Boy with Fruit.  
 19 Bronze Wolf (Rome).  
 20 Burns the Poet.  
 21 Burns and Highland Mary.  
 22 Cinderella.  
 23 Clovis.  
 24 Coaxing.  
 25 The Collier.

- 26 Courage defending Innocence.  
 27 A Cross.  
 28 Cupid and Psyche.  
 29 Dante (Pisa).  
 30 Diana of the Ephesians (Naples).  
 31 Discobolus.  
 32 "Don't Cry."  
 33 Dr. Livingstone, Marble Bust.  
 34 Doge's Head (Venice).  
 35 Elaine.  
 36 Enid.  
 37 Fear.  
 38 The First Thorn of Life.  
 39 Florence Nightingale.  
 40 Forced Prayer.  
 41 Gallic Cavalier (Frémiet).  
 42 Girl Embroidering.  
 43 Girl with Flower.  
 44 Girl Spinning.  
 45 The Gossips.

## GRECIAN SCULPTURE.

- 46 Asclepius.  
 47 Athena.  
 48 " Leaning on her Spear.  
 49 Ephebus, Bust.  
 50 Hermes.  
 51 Hermes with the Infant Dionysus (Praxiteles).  
 52 Head of the Hermes of Praxiteles.  
 53 Hygeia, Bust.  
 54 Poseidon.  
 55 Pluto on the Arm of Irene.  
 56 Themis.  
 57 Gregorius Nazan.  
 58 Guardian Angel.  
 59 H.M. the late Queen Victoria.  
 60 Head of a Barbarian.  
 61 Head of a Youthful Athlete.  
 62 Hebe.  
 63 Hope.  
 64 The Humble Bee.  
 65 Hunter Defending his Wife.  
 66 Innocent Sleep.  
 67 Ino and Bacchus.  
 68 Joy.  
 69 Justice.  
 70 Kittens at Play.  
 71 Knife Grinder.  
 72 Labour. "In the sweat of thy brow."  
 73 Lifeboatman (Margate).

## PHOTOGRAPHIC STATUES—Continued.

74 Lion and Dying Lioness.  
75 Little Fisher Boy.  
76 Little Miss Vanity.  
77 Lord Byron.  
78 Love.  
79 Love Restraining Wrath.

## LE LOUVRE STATUARY.

80 Amalthée (Julien).  
81 L'Amour (Gillet).  
82 L'Amour (Lemire).  
83 L'Amour (Chaudet).  
84 L'Amour and Psyche, reclining figure (Canova).  
85 L'Amour and Psyche (Canova).  
86 L'Amour and Psyche (Delaistre).  
87 Antinous.  
88 Le Berger et Œdipe (Chaudet).  
89 Daphnis and Chloe (Cordet).  
90 L'Enfant à la Grappe (David d'Angers).  
91 L'Innocence (Roman).  
92 Pecheur Napolitan (Rude).  
93 La Toilette d'Atalante.  
94 La Venus de Milo.

## LUXEMBOURG STATUARY.

95 La Jeunesse et L'Amour (Crank).  
96 Pau et Ours (Frémiet).  
97 L'Immortalité (Longepied).  
98 Margaret of Anjou.  
99 The May Queen.  
100 Michael Angelo.  
101 John Milton.  
102 Morning.  
103 Morning and Evening.  
104 A Mother's Love.  
105 A Mother, by Raffaele Monti.  
106 Naiad.

107 Nature's Mirror.  
108 Nelson, Bust.  
109 Night.  
110 Only a Halfpenny.  
111 Ophelia.  
112 Orphans.  
113 Out in the Rain.  
114 Pandora.  
115 Parted Friends.  
116 Parting of the Lovers.  
117 Pasquin (Rome).  
118 Paul and Virginia.  
119 Pastoral Staff.  
120 The Pet Bird.  
121 Prayer.  
122 Puck.  
123 The Puzzled Gamekeeper.  
124 The Quarrelsome Blacksmith.  
125 Queen Bertha (Canterbury).  
126 Raphael as a Boy.  
127 Red Riding Hood.  
128 Richard I. (Equestrian Statue).  
129 Roman Cavalier (Frémiet).  
130 Ruth.  
131 Shakespere.  
132 Simplicity.  
133 Soap Bubbles.  
134 Stand Up.  
135 St. George and the Dragon.  
136 " (Monument).  
137 St. Martin and the Beggar.  
138 Sir Calpeine rescuing Serena.  
139 Sitomartis releasing Amoret.  
140 A Storm.  
141 Sunrise.  
142 Sunshine.  
143 Sunshine and Showers.  
144 Tam O'Shanter.  
145 Theseus.  
146 Thetis.  
147 Timidity.  
148 Tired Out.  
149 Torquato Tasso the Youth.  
150 Treasure Trove.

151 Una and the Lion.  
152 Uncle Toby and Widow Wadham.  
153 Vanity.  
154 A Veiled Vestal.  
155 Virginias.

## VATICAN STATUARY.

156 Apollo del Belvedere.  
157 Apoxyomenos the Scraper, by Lysippus.  
158 Torso of the Belvedere.  
159 Canova Cabinet.  
160 Damoxenus the Boxer—Attack.  
161 Kreugas the Boxer—Defence.  
162 The Dying Gladiator.  
163 Faun carrying the Infant Bacchus.  
164 The Faun of Praxiteles.  
165 The Torso of Hercules.  
166 Julius Cæsar.  
167 The Laocoon.  
168 Lucius Verus in Military Costume.  
169 Meleager.  
170 Mercury Cabinet.  
171 Perseus by Canova.  
172 Statue of River Nile in Nuovo Braccio.  
173 Roman Biga Discobolus.  
174 The Sleeping Ariadne.  
175 Tiberius and the Cupid of Lysippus.  
176 Water Babies.  
177 "What are the Wild Waves Saying?"  
178 The Wrestler (from Herculanum), No. 1. Front.  
179 " " No. 2, Front.  
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- 14 Summer.
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- 16 Nydia: the Blind Flower Girl of Pompeii.
- 17 Purity.
- 18 Longing.
- 19 R grets.
- 20 The Sisters.
- 21 The Mermaid.
- 22 A Game of Ball.
- 23 The Letter.
- 24 Water Carrier.
- 25 Pandora.
- 26 Sappho.
- 27 Day Dreaming.
- 28 The Babes in the Wood.
- 29 "Joy was Duty, and Love was Law."
- 30 The Incantation.
- 31 The British Maid.
- 32 The King's Daughter.
- 33 The Musicians.
- 34 An Egyptian Musician.
- 35 The Dancer.
- 36 The Dancing Girl.
- 37 The Bather.
- 38 The Witch.
- 39 Sacrifice.
- 40 The Sisters.
- 41 The Wounded Bird.
- 42 Galatea.
- 43 In Hours of Leisure.

- 44 Idleness.
- 45 The Floating Star.
- 46 On the Defensive.
- 47 Light in Darkness.
- 48 Greek Girl.
- 49 The Prophetess.
- 50 The Scroll.
- 51 Invoking the Gods.
- 52 Hesitation.
- 53 Meditation.
- 54 At the Cross.
- 55 Even me.
- 56 Lord, have Mercy upon us.
- 57 Evening.
- 58 A Summer Morn.
- 59 Dolly Varden.
- 60 The Lyre.
- 61 Ophelia.
- 62 Novice.
- 63 Maud.
- 64 The Squire's Daughter.
- 65 The Christian Maiden.
- 66 Reverie.
- 67 Absence makes the Heart grow Fonder.
- 68 Incense to Diana.
- 69 The Swing.
- 70 The Greek Girl.
- 71 Reading the Scroll.
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- 73     "     "     "
- 74     "     "     "     half-length.
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- 77 Miss Gladys Cooper as Flower Seller.
- 78 Miss Zena Dare as Dancer.
- 79 Miss Gabrielle Ray.
- 80     "     "     "     as Stella.
- 81     "     "     "     as Artist.
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|---|--|
| <p>1 Mercia, the Christian Maiden.<br/>"What He calleth me to do, that I will do."</p> <p>2 Favius, the Teacher.<br/>"Fervent of disposition, impatient of wrong."</p> <p>3 Marcus Superbus, the young Patrician.<br/>"What this Christianity is I know not; but this I know, that if it makes many such women as Mercia, Rome—nay, the whole world—will be all the purer for it."</p> <p>4 The Emperor Nero and Poppoea at the Fête of Tigellinus.<br/>"A revolting creature he looked."</p> <p>5 Favius meets Titus.<br/>"He hath wronged no one unless it be a wrong to nurse the sick, comfort the weary, help the helpless; all these things hath he done; would you slay him for that?"</p> <p>6 Lady Dacia and Attendants.<br/>"A witty, clever, careless, thoughtless butterfly."</p> <p>7 The Dancing Girl.<br/>"Those who love not live in vain."</p> <p>8 Glabrio.<br/>"The sacred fire of Bacchus is in my veins."</p> <p>9 Dacia and her Friends.<br/>"Men are only fit to be women's slaves."</p> <p>10 Bernice.<br/>"A very queen in stateliness and distinction."</p> <p>11 Stephanus in Prison.<br/>"I worship the Living God."</p> <p>12 Stephanus questioned by Tigellinus and Licinius.<br/>"Thou canst slay my body, thou canst not slay my soul."</p> <p>13 Stephanus confesses after Torture.<br/>"Spare me, oh, spare me!"</p> <p>14 Bernice waiting for Marcus.<br/>"The noble Marcus must love you, or he is but a man of stone."</p> <p>15 Bernice with Dacia and her Friends.<br/>"Ah, these men, these men!"</p> | <p>16 Marcus and Tigellinus in Bernice's room.<br/>"Tis not the soldier's sword, but the assassin's knife, that Marcus has to fear from a Tigellinus."</p> <p>17 Mercia and Stephanus.<br/>"He hath been tortured."</p> <p>18 Nero, the Coward.<br/>"Is such an Emperor to perish?"</p> <p>19 Poppoea pacifies Nero.<br/>"Marcus is a man, and, lacking thy constancy, great Caesar, is too easily caught by a pretty face."</p> <p>20 Nero, the Brute.<br/>"I'll soak them in oil and tallow as I did before, and set them blazing."</p> <p>21 Poppoea and Bernice.<br/>"We poor weak women never know these men until we have married them."</p> <p>22 Daones the Dancer.<br/>"Her movements were grace itself."</p> <p>23 Marcus and Glabrio.<br/>"Yes, I've felt that way myself when I have been too sober."</p> <p>24 Glabrio offers wine to Mercia.<br/>"Seek the light, 'tis shining there to guide thee."</p> <p>25 Marcus and Mercia.<br/>"The Master hath spoken! You cannot harm me now!"</p> <p>26 The Remorse of Marcus.<br/>"Oh, the shame of it!"</p> <p>27 Bernice's Punishment.<br/>"The world was empty to her."</p> <p>28 Christian Maidens.<br/>"Oh, wondrous faith! Oh, glorious belief!"</p> <p>29 The Parting of Mercia and Stephanus.<br/>"I see the cross! I fear nothing now!"</p> <p>30 Mercia.<br/>"My crown is not of earth, Marcus. It awaits me there."</p> <p>31 Mercia and Marcus.<br/>"Come to the Light beyond."</p> |
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- 45 Archbishop Benson at his Ordination.
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- 59 Charles Bonaparte.
- 60 Jerome Bonaparte (Fabre).
- 61 Napoleon Bonaparte (Rodriguez).
- 62 " (Paul de la Roche).
- 63 " (Stephano Tofanelli).
- 64 " (Sturnberg).
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- 118 Robert Cecil, Earl of Salisbury.
- 119 William Cecil, Lord Burleigh.
- 120 Cetewayo, King of Zululand.
- 121 Rt. Hon. Joseph Chamberlain.
- 122 " making a Speech.
- 123 " and the Loaves.
- 124 Charles I. (Vandyke).
- 125 Charles I., Equestrian Portrait (Vandyke) 1s. 6d.
- 126 Prince Charles, afterwards Charles II. (Vandyke). 1s. 6d.
- 127 Charles II. (A. van der Werff).
- 128 " in armour.
- 129 Charles II., King of Spain (de Miranda). 1s. 6d.
- 130 Charles V. of France.
- 131 Charles V., Emperor of Germany.
- 132 Princess Charlotte at the age of 4.



## PORTRAITS—Continued.

- 133 Princess Charlotte (Sir T. Lawrence).  
 134 Charlotte, Queen of George III.  
 135 Queen Charlotte (H. Edridge).  
 136 Rev. Pahtagwahong Chase, Chief of the  
     Ojibway Indians.  
 137 Geoffrey Chaucer.  
 138 William Chillingworth.  
 139 Christian IX., King of Denmark.  
 140 Rt. Hon. Winston Churchill.  
 141 Maxwell Clark.  
 142 George Clifford, Earl of Cumberland.  
 143 Robert, 1st Lord Clive.  
 144 Pope Clement VII. (Giulio de Medici).  
 145 Lord Clyde (F. Grant).  
 146 Lord Clyde.  
 147 Richard Cobden.  
 148 Lord Cochrane.  
 149 Lady Cockburn (Sir J. Reynolds). 1s. 6d.  
 150 Sir Edward Coke.  
 151 John Colet.  
 152 Admiral Collingy.  
 153 Christopher Columbus.  
 154 Bishop Compton.  
 155 H.R.H. the Duke of Connaught.  
 156 Constantine the Great.  
 157 Captain James Cook.  
 158 Anthony Ashley Cooper, 1st Earl of Shaftes-  
     bury.  
 159 N. Copernicus, 1473—1543.  
 160 Capt. Thos. Coram (Founder of the Found-  
     ling Hospital).  
 161 Charles, Marquis Cornwallis.  
 162 Bishop Cosin.  
 163 Samuel Cousins.  
 164 Miles Coverdale.  
 165 William Cowper.  
 166 Archbishop Cranmer.  
 167 Archbishop Cranmer and Thomas Cromwell.  
 168 General Crawford.  
 169 Chief Justice Crew.  
 170 Lord Cromer.  
 171 Oliver Cromwell.  
 172 " (A. Johannet).  
 173 Thomas Cromwell, Earl of Essex.  
 174 Samuel Crompton.  
 175 General Cronje.  
 176 Bishop Crowther, of the Niger.  
 177 John Philpot Curran.  
 178 Lord Curzon in Viceroy's Robes.  
 179 Lady Curzon.  
 180 Dante Alighieri (Giotto).  
 181 " (Stephano Tofanelli).  
 182 Charles Darwin.  
 183 Dr. Randall Davidson, Archbishop of Can-  
     terbury. 1s. 6d.  
 184 Dr. Randall Davidson in grounds at Lam-  
     beth.  
 185 Sir Humphrey Davy (Sir Thomas Lawrence).  
 186 Lady Willoughby D' Eresby (John Hopp-  
     ner). 1s. 6d.  
 187 Lord Derby (Francis Evan).  
 188 Robert Devereux, Earl of Essex.  
 189 The 6th Duke of Devonshire.  
 190 Duchess of Devonshire (Sir J. Reynolds).  
 191 Duchess of Devonshire and her Child (Sir  
     J. Reynolds). 1s. 6d.  
 192 Charles Dickens.  
 193 Lady Digby.  
 194 The Lady Digby (Vandyke). 1s. 6d.  
 195 Sir Kenelm Digby (Vandyke). 1s. 6d.  
 196 Domenichino.  
 197 Abraham van der Dort (William Dohson).  
     1s. 6d.  
 198 James Douglas, Earl of Morton.  
 199 Gerard Douw.  
 200 Dr. Dowle.  
 201 Surajah Dowlah.  
 202 Sir Francis Drake.  
 203 " at the age of 43. 1s. 3d.  
 204 John Dryden.  
 205 John Dudley, Duke of Northumberland.  
 206 Robert Dudley, Earl of Leicester.  
 207 Adam, 1st Viscount Duncan.  
 208 Admiral Dundas (J. S. Copley).  
 209 Edward the Confessor.  
 210 Edward I.  
 211 Edward II.  
 212 Edward III.  
 213 Edward the Black Prince.  
 214 Edward IV.  
 215 Edward V.  
 216 Edward VI. (A. van der Werff).  
 217 H.M. King Edward VII. in 1860.  
 218 " about 1880.  
 219 " about 1880, in Highland dress.  
 220 " as Colonel of H.A.C.  
 221 " as Colonel-in-Chief of 10th Hussars  
     (S. Begg).  
 222 " in Coronation Robes (S. Begg).  
 223 " in Coronation Robes, full length  
     (S. Begg).  
 224 " and Queen Alexandra in 1888.  
 225 Prince Edward of Wales saluting the  
     Colours (Allan Stewart).  
 226 King Eghert.  
 227 Lord Eglis and Kincardine (F. Grant).  
 228 Sir John Eliot.  
 229 Elizabeth (Woodville), Queen of Edward IV.  
 230 Elizabeth, Queen of Henry VII.  
 231 Queen Elizabeth.  
 232 Queen Elizabeth, from the original at West-  
     minster Palace.  
 233 Elizabeth, Queen of Bohemia.  
 234 Elizabeth, Queen of Spain.  
 235 George Anstruth Elliott, Lord Heathfield.  
 236 Canon Ellison.  
 237 Emin Pasha.  
 238 A. Emmott, M.P.  
 239 Desiderius Erasmus.  
 240 Erasmus, from the original at Windsor.  
 241 H. D. Erskine (Serjeant-at-Arms).  
 242 Ex-Empress Egeénie.  
 243 General Fairfax.  
 244 Michael Faraday.  
 245 William Farel.  
 246 Ferdinand, Prince of Bulgaria.  
 247 Margaret Finch, aged 109, Queen of the  
     Norwood Gipsies, buried at Beckenham,  
     1740.  
 248 Admiral John Fisher.  
 249 John Fisher, Bishop of Rochester.  
 250 John Flamsteed.  
 251 Henry Flood.  
 252 Martin Folkes.  
 253 Helene Fourment (Rubens). 1s. 6d.  
 254 Charles James Fox.  
 255 " as a young man. 1s. 3d.  
 256 Francis of Assisi (Murillo). 1s. 6d.  
 257 Francis I., King of France.  
 258 Francis I. of Madrid.  
 259 Benjamin Franklin.  
 260 Sir John Franklin.  
 261 Frederick the Great.  
 262 Frederick II., King of Prussia.  
 263 Frederick III., surnamed "The Wise,"  
     Elector of Saxony.  
 264 Lieut-Gen. French.  
 265 Sir Martin Froisher.  
 266 Elizabeth Fry (George Richmond).  
 267 John Fust.  
 268 Thomas Gainsborough.  
 269 Galileo Galilei (Susterman's Portrait in the  
     Uffizi Gallery).  
 270 Leon Gambetta.  
 271 President Garfield.  
 272 Garibaldi.  
 273 David Garrick, as Richard III.  
 273a General Gatacre.  
 274 George I.  
 275 George II. (Pime).  
 276 George, Prince of Wales (R. Josey).  
 277 George III. (Sir W. Beechey).  
 278 George III., full-length figure (H. Edridge).  
 279 George III. in old age. 1s. 3d.  
 280 George IV. 1s. 3d.  
 281 Ulric Gering.

## PORTRAITS—Continued.

- 282 Raphael Giannetti (A. Blanchard).  
 283 Grialing Gibbons (Sir G. Kneller). 1s. 6d.  
 284 Sir Humphrey Gilbert.  
 285 W. E. Gladstone (J. Colin Forbes).  
 286 " half length (J. Colin Forbes).  
 287 "  
 288 The Gladstone Ministry in Council.—Lord  
 Hatherley, Earl of Clarendon, Earl of  
 Kimberley, Earl de Grey, Earl Granville,  
 Duke of Argyll, Marquis of Hartington,  
 Right Hon. E. Cardwell, Right Hon.  
 Robert Lowe, Right Hon. C. P. Fortescue,  
 Right Hon. H. C. Childers, Right  
 Hon. H. A. Bruce, Right Hon. W. E.  
 Gladstone, Right Hon. G. J. Goschen,  
 Right Hon. John Bright (H. Barraud). 1889.  
 289 General Gordon.  
 290 Lord Gough (F. Grant).  
 291 General Graham.  
 292 James Graham, Marquis of Montrose.  
 293 John Graham, Viscount Dundee.  
 294 General Grant (F. Grant).  
 295 Sir Bevil Greenvil.  
 296 General Gripenberg.  
 297 Sir Thomas Gresham.  
 298 " (Antonio Mor). 1s. 6d.  
 299 Henry Grey, Duke of Suffolk.  
 300 Lady Jane Grey.  
 301 Earl Grey (Sir Thomas Lawrence).  
 302 Lord de Grey (F. Grant).  
 303 Sir E. Grey.  
 304 Group of English Sovereigns.—Egbert A.D.  
 800. Ethelwulf 836. Ethelbald 858. Ethel-  
 red 865. Alfred 871. Edward the Elder  
 901. Athelstan 925. (Copied from coins.)  
 305 Group of English Sovereigns.—Edmund I.  
 A.D. 940. Edred 946. Edwy 955. Edgar  
 958. Edward the Martyr 975. Ethelred  
 II. 979. Edmund Ironside 1016. (Copied  
 from coins.)  
 306 Group of English Sovereigns.—Canute A.D.  
 1016. Harold Harefoot 1035. Hardicanute  
 1040. Edward the Confessor 1042. Harold  
 1066. William I. 1066. William II. 1087.  
 307 Group of English Sovereigns.—Henry I. A.D.  
 1100. Stephen 1135. Henry II. 1154.  
 Richard I. 1189. John 1199. Henry III. 1216.  
 Edward I. 1272.  
 308 Group of English Sovereigns.—Edward II.  
 A.D. 1307. Edward III. 1327. Richard  
 II. 1377. Henry IV. 1399. Henry V. 1413.  
 Henry VI. 1422. Edward IV. 1461.  
 309 Group of English Sovereigns.—Edward V.  
 A.D. 1483. Richard III. 1483. Henry VII.  
 1485. Henry VIII. 1509. Edward VI.  
 1547. Mary 1553. Elizabeth 1558.  
 310 Group of English Sovereigns.—James I. A.D.  
 1603. Charles I. 1625. Cromwell 1649.  
 Charles II. 1660. James II. 1685. William  
 and Mary 1689.  
 311 Group of English Sovereigns.—Anne A.D.  
 1702. George I. 1714. George II. 1727.  
 George III. 1760. George IV. 1820.  
 William IV. 1830. Victoria 1837.  
 312 Group of the Martyred Bishops, Cranmer,  
 Ridley, Latimer, Farrar, and Hooper.  
 313 Group, Luther, Melancthon, Pomeranus,  
 Cruciger.  
 314 Group, Luther and others (J. W. Haalbach).  
 315 Group of the Seven Bishops. 1688.  
 316 " Old Testament Revisers.  
 317 " New Testament Revisers.  
 318 " Bishops who attended King Edward  
 VII.'s Coronation.  
 319 " Second Lambeth Conference.  
 320 " Third Lambeth Conference.  
 321 " Fifth Lambeth Conference.  
 322 " Pan-Anglican Congress. 1s. 6d.  
 323 " Illustrious Philosophers of a Bygone  
 Era. Jan., 1896.  
 324 " Musicians: Mozart, Beethoven, etc.  
 (Hamman).  
 325 Henry of Guise. 1s. 6d.  
 326 Gustavus Adolphus, King of Sweden. 1631.  
 327 John Gutenberg, from an old Print in the  
 National Library at Paris.  
 328 Nell Gwynne (Sir Peter Lely).  
 329 Alexander Hales, Franciscan, A.D. 1228—1250.  
 330 John Hales.  
 331 Berthold Haller.  
 332 Edmund Halley. 1656—1742.  
 333 Lady Hamilton.  
 334 John, 1st Marquis of Hamilton.  
 335 Major-General Bruce Meade Hamilton.  
 336 John Hampden.  
 337 Rt. Hon. L. V. Harcourt.  
 338 Robert Harley, Earl of Oxford.  
 339 Kine Harold.  
 340 William Harvey.  
 341 Warren Hastings.  
 342 John Hausschein, called Æcolampadius.  
 343 General Havelock.  
 344 Admiral Lord Hawke.  
 345 Bishop Heber.  
 346 Henrietta Maria, Queen of Charles I.  
 347 Henry I.  
 348 Henry V. 1s. 3d.  
 349 Henry VI.  
 350 Henry VII.  
 351 Henry VIII.  
 352 Henry VIII., the original painting in the  
 collection of the Earl of Egremont.  
 353 Henry VIII. and his Wives.  
 354 Henry, Prince of Wales, son of James I.  
 (J. Oliver).  
 355 Henry, Duke of Gloucester, brother of  
 Charles II.  
 356 Henry of Navarre.  
 357 Henry IV. of France (Francis Porbus).  
 358 " in Armour (David).  
 359 George Herbert.  
 360 Sir William Herschell. 1738—1822.  
 361 " in old age (Abbot).  
 362 Prof. H. Hertz. Portrait with Autograph.  
 363 Major-General Hildyard.  
 364 Mrs. Hoare and her Son (Sir J. Reynolds).  
 1s. 6d.  
 365 Thomas Hobbes.  
 366 Hogarth.  
 367 Hans Holbein.  
 368 Denzil Holles.  
 369 Samuel, 1st Viscount Hood.  
 370 Lord Hood.  
 371 Richard Hooke.  
 372 Catherine Howard (A. van der Werff).  
 373 Charles Howard, Earl of Nottingham.  
 374 John Howard.  
 375 Philip Howard, Earl of Arundel and Surrey.  
 376 Thomas Howard, Duke of Norfolk.  
 377 Thomas Howard, Earl of Suffolk. 1s. 3d.  
 378 Richard, 1st Earl Howe.  
 379 Lord Howe.  
 380 Archbishop Howley.  
 381 Joseph Hume (John Lucas).  
 382 Sir Archibald Hunter.  
 383 John Huss.  
 384 Edward Hyde, 1st Earl of Clarendon.  
 385 Sir C. P. Ilbert.  
 386 Pope Innocent X. (Velasquez).  
 387 General Henry Ireton.  
 388 H.M. the King of Italy.  
 389 T.M. the King and Queen of Italy.  
 390 James I. (A. van der Werff).  
 391 James II.  
 392 Portraits of Japanese Emperors.  
 393 " the present Japanese Emperor,  
 Empress and eldest son.  
 394 The Mikado, H.I.M. Mutsuhito, Emperor  
 of Japan.  
 395 Lord Jeffreys as Chief Justice.  
 396 Jerome in his Study.  
 397 John Jervis, Earl St. Vincent.  
 398 Joachim I., Elector of Brandenburg.  
 399 Joan of Arc in Armour (see Set).  
 400 John.

## PORTRAITS—Continued.

- 401 John of Gaunt, King of Castile and Duke of Lancaster.  
 402 John the Steadfast, Elector of Saxony.  
 403 Dr. Samuel Johnson (Sir J. Reynolds).  
 404 " full-length portrait.  
 405 Sir Harry Johnstone.  
 406 Justus Jonas.  
 407 Ben Jonson.  
 408 General Piet Joubert.  
 409 Julius II. (Raffaello Sansio). 1s. 6d.  
 410 William Juxon, Bishop of London (afterwards Archbishop of Canterbury).  
 411 Angelica Kaufmann (Sir J. Reynolds). 1s. 6d.  
 412 Sir James Kay-Shuttleworth.  
 413 Bishop Keith.  
 414 Bishop Ken.  
 415 The Duke and Duchess of Kent.  
 416 The Duchess of Kent and her Baby, the Princess Victoria.  
 417 Augustus, Viscount Keppel.  
 418 Admiral Keppel (Sir J. Reynolds). 1s. 6d.  
 419 Kaiser Wilhelm II. of Germany. 2s.  
 420 Kaiserin of Germany. 2s.  
 421 Kaiser and Kaiserin of Germany. 2s.  
 422 Khedive Abbas.  
 423 Lord Kitchener, Bust.  
 424 " in Campaign Uniform, full-length portrait.  
 425 Lord Kitchener of Khartoum.  
 426 Lord Kitchener. 1s. 3d.  
 427 Henry Fitzalwine Knight, first Lord Mayor of London. 1189.  
 428 John Knox.  
 429 Professor Robert Koch.  
 430 Laurens Jans Koster.  
 431 President Kruger, Portrait from Raad Saal.  
 432 " at home.  
 433 Baron Kuroki.  
 434 General Kuropatkin.  
 435 Lady Caroline Lamb (Hopner).  
 436 General Lambert.  
 437 Bishop Hugh Latimer.  
 438 Hugh Latimer, Bishop of Worcester, from the original given by Bishop Hard to the successive Rectors of Thurgaston.  
 439 Archbishop Laud.  
 440 Captain Laurence.  
 441 Lavoisier.  
 442 Sir Henry Lawrence.  
 443 Sir John Lawrence.  
 444 Sir Thomas Lawrence.  
 445 John Lefevre, called D'Étaples.  
 446 William Lenthall.  
 447 Pope Leo. X.  
 448 Pope Leo. XIII.  
 449 Alexander Leslie, afterwards Earl of Leven.  
 450 David Leslie, 1st Lord Newark.  
 451 Ferdinand Lesseps.  
 452 John Lilburne.  
 453 Abraham Lincoln.  
 454 Elizabeth Anne Linley (Sir J. Reynolds). 1s. 6d.  
 455 Dr. Livingstone.  
 456 Rt. Hon. D. Lloyd-George.  
 457 John Locke.  
 458 Prof. Oliver J. Lodge, D.Sc., F.R.S., etc.  
 459 Henry Wadsworth Longfellow.  
 460 " "  
 461 Louis XIV.  
 462 Louis II., Prince de Condé.  
 463 Princess Louise Victoria of Saxe-Coburg.  
 464 Rt. Hon. J. W. Lowther.  
 465 Mrs. Lowther.  
 466 Ignatius de Loyola.  
 467 Ignatius Loyola, Founder of the Order of Jesuits.  
 468 Earl of Lucan (F. Grant).  
 469 Martin Luther.  
 470 Martin Luther's Wife.  
 471 Lydgate in his Study.  
 472 Major-General Lyttelton.  
 473 Major-General Hector Macdonald.  
 474 " in Egyptian Uniform.  
 475 President McKinley.  
 476 John Maitland, Earl and Duke of Lauderdale.  
 477 Signor Marconi.  
 478 Margaret of Lancaster.  
 479 Margaret of Valois, sister of Francis I.  
 480 Sarah, Duchess of Marlborough.  
 481 Duke of Marlborough.  
 482 Henry Marten.  
 483 Mary Tudor. 1553—1558.  
 484 Queen Mary (A. van der Werff).  
 485 Mary, Queen of Scots.  
 486 Princess Mary. 1678.  
 487 Mary Stuart, wife of William III. (G. Netscher).  
 488 Maximilian I., Emperor of Germany.  
 489 Cardinal Mazarin.  
 490 Philip Melancthon.  
 491 Viscount Melbourne.  
 492 Lord Methuen.  
 493 Prince Metternich.  
 494 Sir Hugh Middleton.  
 495 Professor John Milne.  
 496 Lord Milner.  
 497 John Milton, age 10.  
 498 " age 13.  
 499 " age 21.  
 500 " in 1689.  
 501 " (T. Faed).  
 502 " (Medallion).  
 503 Queen Maria von Modena (Sir P. Lely). 1s. 6d.  
 504 William Monk, Duke of Albemarle (W. Dobson). 1s. 6d.  
 505 General Monk.  
 506 James, Duke of Monmouth.  
 507 General Montcalm.  
 508 Simon de Montfort.  
 509 Bishop Montgomery. 1s. 6d.  
 510 Sir John Moore (Lawrence).  
 511 Hannah More.  
 512 Charles Mordaunt, Earl of Peterborough.  
 513 Sir Thomas More, wearing the Collar of S.S.  
 514 W. A. Mozart (de la Croce).  
 515 Murillo.  
 516 Rev. A. B. Mynors. 1s. 6d.  
 517 Lord Napier of Magdala (F. Grant).  
 518 Napoleon I., Emperor of France, in his coronation robes.  
 519 Napoleon, King of Elba.  
 (See also Bonaparte.)  
 520 Eugene Napoleon, King of Italy (Gerard).  
 521 Louis Philippe, Napoleon III.  
 522 Louis Napoleon III. (Sir W. Ross).  
 523 Louis Napoleon III.  
 524 Lord Nelson (Abbot).  
 525 Admiral Lord Nelson.  
 526 " full length.  
 527 " half length.  
 528 Lord Nelson and the Duke of Wellington.  
 529 Isaac Newton at the age of 13.  
 530 Sir Isaac Newton.  
 531 " 1642—1727.  
 532 Czar Nicholas I.  
 533 Czar Nicholas II., Emperor of all the Russias.  
 534 " in hunting costume.  
 535 John Nicholson.  
 536 John Nicholson (from portrait in East India United Service Club).  
 537 Florence Nightingale.  
 538 Florence Nightingale and group of Nurses.  
 539 General Nogi.  
 540 Wilhelm von Norman (Schule des B. van Orley). 1s. 6d.  
 541 Francis North, Lord Guilford.  
 542 Lord North. 1s. 3d.  
 543 Daniel O'Connell.  
 544 Henrietta, Duchess of Orleans, and her two Daughters (Mignard). 1s. 6d.  
 545 Orpin (Gainsborough). 1s. 6d.  
 546 Thomas Osborne, Earl of Danby.

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- 547 Sir Richard Owen.  
 548 Barbara Palmer, Countess of Castlemaine (Sir P. Lely). 1s. 6d.  
 549 Lord Palmerston. 1850.  
 550 Matthew Parker, Archbishop of Canterbury.  
 551 Catherine Parr (A. van der Werff).  
 552 Rev. J. S. Paton.  
 553 Bishop Patteson.  
 554 Pope Paul III. (Alexandro Farnese) (Titian). 1s. 6d.  
 555 John Paulet, 5th Marquis of Winchester.  
 556 Sir Robert Peel and the Duke of Wellington.  
 557 Sir Robert Peel (Sir T. Lawrence).  
 558 Captain Sir William Peel (John Lucas).  
 559 William Penn.  
 560 Samuel Pepys.  
 561 The late Shah of Persia.  
 562 Peter the Great.  
 563 Francesco Petrarca (Stephano Tofanelli).  
 564 Philip II. of Spain and Queen Mary of England.  
 565 Philip II. of Spain (A. van der Werff).  
 566 Philip IV., King of Spain (Velasquez).  
 567 Philip the Magnanimous, Margrave of Hesse.  
 568 William Pitt, Earl of Chatham.  
 569 William Pitt, the younger.  
 570 Pope Pius VII. (Sir T. Lawrence).  
 571 Pope Pius IX.  
 572 Pope Pius X. (Cardinal Sarto) in Vatican Garden.  
 573 Colonel Plumer.  
 574 Cardinal Pole.  
 575 Major-General Pole-Carew.  
 576 John Bugenhagen, called Pomeranus.  
 577 Alexander Pope.  
 578 Nicholas Poussin.  
 579 Sir W. H. Preece, C.B., F.R.S., etc.  
 580 Joseph Priestley.  
 581 John Prynne.  
 582 Admiral Pulido-Pareja (Velasquez). 1s. 6d.  
 583 John Pym.  
 584 Louise de la Querouaille (Sir P. Lely).  
 585 Thomas Radcliffe, Earl of Sussex.  
 586 Lord Raglan (F. Grant).  
 587 Robert Raikes.  
 588 Sir Walter Raleigh.  
 589 " and his eldest son. 1s. 3d.  
 590 Prof. Sir W. Ramsay.  
 591 Raphael.  
 592 Rembrandt van Ryn, when aged about 32 (Rembrandt).  
 593 Sir Joshua Reynolds (Reynolds).  
 594 Richard I.  
 595 Richard II.  
 596 Richard III.  
 597 Three Portraits of Cardinal Richelieu (P. de Champaigne).  
 598 Nicholas Ridley, Bishop of London.  
 599 Major Rimington, of Rimington's Scouts, on his favourite Basuto pony.  
 600 Captain Edward Rion.  
 601 Gen. Sir Frederic Roberts in 1881, Equestrian Portrait (W. W. Ouless).  
 602 General Lord Roberts (with border).  
 603 Lord Roberts, V.C.  
 604 General Lord Roberts, V.C., G.C.B.  
 605 George Lord Rodney.  
 606 Theodore Roosevelt.  
 607 Lord Rosebery.  
 608 Peter Paul Rubens.  
 609 General Sir Leslie Rundle.  
 610 Prince Rupert (Cooper).  
 611 Lord John Russell (F. Grant).  
 612 William, Lord Russell.  
 613 Admiral de Ruyter.  
 614 " (Frans Hals).  
 615 Dr. " Ryle, Bishop of Winchester.  
 616 " in grounds at Farnham.  
 617 Bishop of St. Albans.  
 618 Henry St. John, Viscount Bolingbroke.  
 619 Margaret, Countess of Salisbury. 1539.  
 620 Marquis of Salisbury in 1880.  
 621 " in 1890.  
 622 " in Library at Hatfield.  
 623 Andrea del Sarto.  
 624 Admiral Saumarez.  
 625 Savartius (Vandyke).  
 626 Girolamo Savonarola.  
 627 " (National Gallery).  
 628 George Savile, Viscount Halifax.  
 629 George Savile, Marquis of Halifax (Mierevelt). 1s. 6d.  
 630 Peter Schoeffler.  
 631 R. Schomberg (Gainsborough).  
 632 Sir Walter Scott.  
 633 " "  
 634 Sir Beauchamp Seymour.  
 635 Edward Seymour, Earl of Hertford, at the age of 26.  
 636 Edward Seymour, Duke of Somerset.  
 637 Jane Seymour (Holbein).  
 638 Lord Shaftesbury.  
 639 William Shakespeare at the age of 12.  
 640 William Shakespeare.  
 641 " (J. Faed).  
 642 " from the Bust at Stratford-on-Avon. 1s. 3d.  
 643 Mrs. Sheridan and Mrs. Tickell (Gainsborough). 1s. 6d.  
 644 Mrs. Siddons (Thos. Gainsborough).  
 645 " (Sir T. Lawrence).  
 646 " as the Tragic Muse (Sir J. Reynolds). 1s. 6d.  
 647 Charles Simcoe.  
 648 Admiral Skrydloff.  
 649 Sir Statin Pasha. 1s. 3d.  
 650 Smeeton.  
 651 Adam Smith.  
 652 Captain John Smith.  
 653 Sir Sidney Smith.  
 654 Admiral Sidney Smith.  
 655 Robert Southey.  
 656 Marshal Soult.  
 657 George Spalatin.  
 658 Edmund Spenser.  
 659 Robert Spencer, 2nd Earl of Sunderland.  
 660 Rev. C. H. Spurgeon.  
 661 Sir H. M. Stanley.  
 662 James Stanley, Earl of Derby.  
 663 " (Vandyck). 1s. 6d.  
 664 Stephen.  
 665 George Stephenson (John Lucas).  
 666 Robert Stephenson (John Lucas).  
 667 Elizabeth Stewart, Mother of Oliver Cromwell.  
 668 Major-General Stewart.  
 669 Ex-President Steyn.  
 670 Rev. T. Stock.  
 671 Baron Stockmar.  
 672 General Stoessel.  
 673 Earl of Strafford.  
 674 Arabella Stuart. 1s. 6d.  
 675 Henry Stuart, Lord Darnley.  
 676 James Stuart, Earl of Murray.  
 677 Dean Swift.  
 678 Sir Philip Sydney.  
 679 General Sir W. Penn Symons.  
 680 Archbishop Tait.  
 681 Talleyrand.  
 682 Torquato Tasso (Pietro Ermini).  
 683 Jeremy Taylor.  
 684 Archbishop Temple.  
 685 Sir William Temple.  
 686 Lord Tennyson.  
 687 John Tetzel.  
 688 Alberto Thorwaldsen (Camuccini).  
 689 General Tilly (Vandyke). 1s. 6d.  
 690 Tippu-Tib.  
 691 Titian.  
 692 Admiral Togo.  
 693 Anne, Viscountess of Townshend (Sir J. Reynolds).  
 694 Mrs. Trimmer.  
 695 Cornelius van Tromp (G. Maes).

## PORTRAITS—Continued.

- 686 Admiral Martin Tromp.  
 697 The Tschudi Family: Tschudi tuning a harpsichord presented to him by Frederick the Great.  
 698 William Tyndale.  
 699 James Usher, Archbishop of Armagh.  
 700 Antony Vandyke.  
 701 Sir Henry Vane.  
 702 Velasquez.  
 703 Sir Edmund Verney.  
 704 Queen Victoria in Robes of State (Winter-halter).  
 705 Queen Victoria (G. Hayter).  
 706 " and her Children (Sir E. Landseer).  
 707 " as Empress of India.  
 708 " in 1901.  
 (See also Set D.K.)  
 709 Marquis of Vieuxville.  
 710 Madame Vigee Le Brun.  
 711 George Villiers, Duke of Buckingham.  
 712 Leonardo da Vinci.  
 713 Professor Alfred Russell Wallace.  
 714 John of Wallingford, Monk of S. Albans, 1231—1258.  
 715 Dr. John Wallis.  
 716 H.R.H. the Prince of Wales (S. Begg).  
 717 " in Naval Uniform.  
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 719 " in 1900.  
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## DA "A SHORT HISTORY OF THE ENGLISH PEOPLE."

By JOHN RICHARD GREEN, M.A.

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- 840 A Party at the Duke of Newcastle's house
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- 848 John Milton, aged sixty-two
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- 850 Crown-piece. Design by Simon, engraver of the Mint during the Commonwealth, rejected by Charles II.
- 851 Ampulla, or Anointing Urn, made for the Coronation of Charles II.
- 852 Charles II. Illumination on a letter patent
- 853 Satire on the Puritans. "Cromwell pypeth unto Fairfax"
- 854 Satire on the Puritans. "Skipp on a waggoner to Sir F. Vere." "Worsley, an inkle weaver, a man of personal valour"
- 855 Satire on the Puritans. "A Covenanting Scot and English Independent differ about ye things of this world." "Lenthall runs away with his mace to the army"
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- 857 Monument to Robert Burton in Christ Church Cathedral, Oxford
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 1053 "Cries of London," 1688-1702. "A merry new song." "Lilly white vinegar, threepence a quart"  
 1054 Sir Robert Walpole  
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 1056 Lord Nithsdale's escape, 1716  
 1057 "Cries of London." "Old Cloaks, suits, or coats." "Small coals"  
 1058 "Cries of London" "London's Gazette here." "Long threaded laces, long and strong."  
 1059 "Cries of London." "New River Water." "A brass Pott or an iron Pott to mend"  
 1060 "Cries of London." "Buy my Dutch Biskets." "Fine Writing Ink."  
 1061 Trade label of the South Sea Company



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| 1200 John Philipot Curran  | 1228 Officer of the Fortieth Regiment, 1792, and Hussar Officer                              |
| 1201 Henry Grattan   | 1229 French Eagle from Spain, Spanish Cockade  |
| 1202 Henry Flood   | 1230 Major-General Wellesley, afterwards Duke of Wellington                                  |
| 1203 Irish Linen. Manufacture. 1783. Ploughing—Sowing—Harrowing  | 1231 Silver Penny of Washington, 1792; and Liverpool Halfpenny, 1793                         |
| 1204 Pulling Flax—Stooking—Ripling—Bogging   | 1232 Sailor. 1807; and Midshipman. 1799  |
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| 1206 Butling—Scutching—Hackling  | 1234 Medal commemorating Wellington's Entry into Madrid                                      |
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| 1208 Spinning—Reeling with the clock-reel—Boiling yarn   | 1236 Hugomont  |
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| 1210 Wash-mill—Rubbing boards—Beetling-engine (for glazing)—Boiling-house                                      | 1238 Chelsea Pensioners reading the Gazette of Waterloo                                      |
| 1211 Wet and dry Bleaching—Bleach-mill   | 1239 The Hat-finishers in combination. 1820  |
| 1212 Lapping-room, Measuring, Crisping, Folding  | 1240 The Bombardment of Algiers by Viscount Exmouth. 1816                                    |
| 1213 Brown Linen Market, Banbridge   | 1241 Daniel O'Connell; Repeal Button   |
| 1214 Map of Europe after the Peace of Lunéville. 1801  | 1242 Town Hall, Birmingham   |
| 1215 Medal given to Indian Troops for victories in Egypt. 1801   | 1243 Manchester Operative  |
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| 1218 The action off Pulo Aor, between French men-of-war and ships of the East India Company. 1804              | 1246 "Greater Britain." 1893   |
| 1219 The King of Brobdingnag and Gulliver  | 1247 Turkish Medal for Bombardment of Acre. 1840   |
| 1220 Medal commemorating the Oath at Boulogne. Medal struck by Napoleon in anticipation of Invasion of England | 1248 Chinese Sketch of English Sailor in War of 1839   |
| 1221 Part of letter written by Nelson just before the Battle of Trafalgar                                      | 1249 Viscount Melbourne  |
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| 1226 Map of Europe after the Peace of Tilsit. 1807   | 1254 Turkish Medal for Defence of Silistria  |
|  | 1255 Silver Coin of East India Company. 1675 (Rupee of Bombay), and Rupee of Bhurtpoor. 1858 |
|  | 1257 Viscount Palmerston   |
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|  | 1259 Right Hon. W. E. Gladstone  |
|  | 1260 The Union Flag  |

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2	"	Edward III. crossing the Somme in face of French Army	17	"	Charge of the Elector of Hanover, afterwards George II.
3	"	Charge of French Chivalry on English Archers	18	"	After the Battle, Marlborough visiting French prisoners
4	"	Edward III. greeting his son at the close of the battle	19	Plassey, 1757.	General Clive reconnoitring from the Surajah's hunting lodge
5	Poitiers, 1356.	Morning of Battle. Black Prince taking leave of Cardinal Perigord before Poitiers	20	"	Arrival of Surajah Dowlah on the Battlefield
6	"	"Sir! ride forward, the day is ours"	21	"	Surajah's movable Artillery platform
7	"	Last stand of King John of France at Poitiers	22	Quebec, 1759.	General Wolfe climbing the Heights of Abraham
8	Agincourt, 1415.	The Battle of Agincourt	23	"	Montcalm hearing the news of the British scheme
9	Blenheim, 1704.	Marlborough and Prince Eugene reconnoitring from Steeple of Daphne Church	24	"	Wolfe calling on Highlanders to charge
10	"	Marlborough giving his orders at daybreak from his travelling coach	25	"	Death of Wolfe
11	"	Storming of village by dismounted Dragoons	26	Cuddalore, 1781	Sir Eyre Coote leading Highlanders at Cuddalore
12	"	Lord Clare's Irish Brigade assaulting the Hanoverian Battalions	27	"	Tippoo Sahib leading Hyder Ali's Cavalry
13	"	"Wheel into line." Marlborough's cavalry at Blenheim	28	"	Hyder Ali's despair on the Field of Cuddalore
14	"	Marshal Tallard surrendering on the banks of the Danube	29	Seringapatam, 1799.	Storming of Seringapatam
15	Ramillies, 1706.	Narrow Escape of Marlborough from French Dragoons	30	"	Brave conduct of Sergeant Graham
			31	"	Death of Tippoo Sahib
			32	"	Finding British prisoners in casemates

## LECTURE II.

## From Alexandria to Tel-el-Kebir.

33	Alexandria, 1801.	Landing of British Troops in Egypt	48	Talavera, 1809.	Plan of Battle
34	"	The Infantry leaping ashore from boats	49	"	Flight of Spanish and General Cuesta
35	"	Attack on Sir Ralph Abercrombie by Dragoons	50	"	87th and 88th retreating at Talavera—Corporal Kelly distinguishing himself
36	"	Abercrombie wounded receiving news of victory	51	"	Charge of 23rd Dragoons against French squares
37	"	42nd Highlanders guarding French prisoners	52	Busaco, 1810.	Bivouac of the General Staff before the battle
38	Vimeiro, 1808.	Plan of Battle	53	"	Plan of the Battle
39	"	43rd attacked by French Grenadiers in Vimeiro churchyard	54	"	"43rd and 52nd, charge!"
40	"	Highlanders turning captured guns on French	55	Ciudad Rodrigo, 1812.	Plan of Siege
41	"	Kellerman arriving in British lines to discontinue	56	"	"It is not my intention to use any powder this evening"
42	Corunna, 1809.	The 7th Light Dragoons charging at Corunna	57	"	Officers of the Guard carrying General Mackinnon's body through the breach
43	"	Plan of Battle	58	Badajoz, 1812.	Plan of Siege
44	"	"43rd! you have still your bayonets—remember Egypt!"	59	"	The Siege of Badajoz
45	Corunna 1809.	43rd driving French from Elvina	60	"	Taking of Badajoz. Cheering the General after the assault
46	"	Sir John Moore carried off the field	61	"	Wellington congratulating Colonel Walker after the storming
47	"	Burial of Sir John Moore			

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	"	General Packenham to	80	"	Charge of the Life Guards
64	"	attack		"	Napoleon sending forward
	"	Charge of Packenham's	81	"	his Old Guard
	"	3rd Division		"	"The whole line will now
65	"	Charge of the 6th Division		"	advance"
66	Vitoria, 1813.	"I would there were a	82	Wreck of the Birkenhead	
	"	battle to-morrow, that I	83	Alma, 1854.	Meeting of Allied Armies
	"	might win a rosette for		"	before Sebastopol
	"	my bonnet."	84	"	Morning before the Battle.
67	"	Plan of Battle		"	Last letter home
68	"	15th Hussars crossing	85	"	Marshal S. Arnaud giving
	"	Tres-Puentes Bridge		"	his orders supported by
69	"	Wellington leading 8rd		"	two troopers
	"	Division towards centre	86	"	Lord Raglan on the knoll
	"	of attack	87	"	Charge of 93rd Sutherland
70	"	Retreat of French Army		"	Highlanders at Alma
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72	"	Plan of Battle of Quatre		"	Brigade
	"	Bras	90	Maiwand, 1880.	The last eleven at Mai-
73	"	Plan of Battle of Waterloo		"	wand
74	"	Wellington passing lines	91	Laing's Nek, 1881.	"Floreat Etona!" Last
	"	on morning of Battle		"	cry of Lieutenant Elwes
75	"	Dinaster to Untrassers in	92	Tel-el-Kebir, 1882.	Wolsey riding through
	"	sunken road of Odinet		"	lines after the battle
76	"	Charge of the Scots Greys	93	"	Wolsey and Staff at the
77	"	Sergeant Ewart capturing		"	Pyramids
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**Trafalgar.**

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- 2 Martin Lightfoot undertakes to be the bearer of the letter to Earl Leofric. "And you will go to my lord and deliver this letter safely."
- 3 Hereward sees Martin Lightfoot depart with the letter. "For an instant Hereward's heart misgave him, he would stop the letter at all risks."
- 4 Hereward informs his uncle, the Prior, that he is about to be outlawed. "Outlaw you? Oh, my boy, my darling, my pride! Get off thy horse, and don't sit up there, hand on hip, like a turbaned Saracen, defying God and man."
- 5 How Martin Lightfoot overtakes Hereward. "The man came up, and behold, he was none other than Martin Lightfoot."
- 6 How Hereward slew the bear. "Rushing out across the prostrate bear, they overwhelmed Hereward with praises, thanks, and, after the straightforward fashion of those days, with substantial kisses."
- 7 How Hereward was caught in a trap. "He did not flinch. Dropping his reins, and driving in the spurs once more, he met them in full shock. With his left hand he thrust aside the left-hand lance, with his right he buried his own with all his force at the right-hand foe."
- 8 Hereward runs his ship upon the Flanders shore. "Now then," as she rushed into the breakers, "pull together, rowers all, and with a will."
- 9 Hereward enters the consecrated fortress of S. Bertin. "And so they marched inland, after the boy had dismounted one of his men, and put Hereward on the horse."
- 10 Hereward's first interview with Torfrida. "Do not look at me so, I cannot bear it," said she, hanging down her head."
- 11 How Hereward turned Berserker. "His only dress was a silk shirt and silk hose. He laughed and sang, and made his horse caracol, and tossed his lance in the air."
- 12 Alfrida recognizes Hereward. "So you could not wait for me?" said she, in a quiet whisper."
- 13 How Hereward cleared Bourne of Frenchmen. "And then began a murder grim and great."
- 14 How Torfrida teaches Hereward to pray. "And she put her arms round the wild man's neck, and tried to teach him like a little child."
- 15 How Hereward rescues Alfrida. "He caught her in his arms, and commanding the maid to follow, hurried down the stairs. Winter and the Siwards were defending the foot with swinging blades."
- 16 Hereward guards Alfrida to a place of safety. "Are you in earnest?" Alfrida laughed one of her strange laughs."
- 17 How Hereward played the potter and cheated the king. "Then Hereward looked at the face of the great man, 'I am not that man's match,' said he to himself."
- 18 How Hereward departed from Ely, and how he killed the mare "Swallow." "Swim good lass!" said he, as they pushed off."
- 19 How Hereward came in to the king. "And then Hereward went in, and knelt before the Norman, and put his hands between William's hands and swore to be his man."
- 20 How Hereward got the rest of his soul's price. "And with a shout of 'Torfrida!' which made the Brunneswald ring, he hurled the shield full in the Breton's face, and fell forward dead."

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- 4 Harold and his companions brought as prisoners before Guy of Ponthieu, and his Norman Knights.
- 5 Harold and the Saxons are confined in the Castle of Beaurain, near Montreuil.
- 6 Harold's Captivity announced to William of Normandy, who is informed that Guy of Ponthieu demands ransom for him.
- 7 Guy of Ponthieu gives further audience to Harold and his companions, whose release is demanded by heralds from Duke William.
- 8 Harold and Duke William meet.
- 9 Harold, William's companion in his campaign in Brittany, receives the submission of Conan, Earl of Bretagne.
- 10 William confers upon Harold the dignity of a Norman Knight.
- 11 Harold's oath of fidelity to William, sworn over the concealed relics of the saints.
- 12 Harold, about to return to England, bids adieu to William, who loads him with farewell gifts.
- 13 Harold, returned from Normandy, presents himself to Edward the Confessor.
- 14 Morecar, elected Earl of Northumbria, in place of Tostig, Harold mediates with the Nuncios of the Election.
- 15 The marriage of Harold with Aldyth, sister to Edwin and Morecar.
- 16 Edward the Confessor's death.
- 17 The Coronation of Harold as King of England.
- 18 William, in his hunting-ground at Rouen, receives intelligence from Tostig of Harold's Coronation.
- 19 Tostig, defeated in his attempt against Harold, flies in his galley from the English coast.
- 20 Hugues Maigrot, a Monk, has audience of King Harold, to propose conditions from Duke William.
- 21 Tostig, meditating another attack upon Harold, solicits the aid of Sweyn, King of Denmark, and of Harold Hardrada, King of Norway.
- 22 William, bent upon invading England, begs for the aid of Philip I. of France, and of Baldwin, Earl of Flanders, his father-in-law.
- 23 William consults the Nobles and Merchants of his Dukedom, for help in his design.
- 24 Pope Alexander consecrates a banner for William's service in his descent upon England, and grants a ring containing a hair of S. Peter.
- 25 Homage rendered to the consecrated Banner.
- 26 William displays the relics of S. Valery to allay the discontent of a portion of his troops at the proposed invasion.
- 27 Duke William in his galley and accompanied by his fleet crosses to England.
- 28 William stumbles as he lands, but, grasping the earth with his hand, calls out that he thus takes possession of the English soil, and so reassures his followers, who regarded his fall as an ill-omen.
- 29 Meanwhile Tostig and Harold Hardrada are victorious, and receive the submission of the City of York.
- 30 The retreat of Edwin and Morecar from York.
- 31 Harold's interview with Tostig, his brother, and with Hardrada, Tostig's ally, before the Battle of Stamford Bridge.
- 32 The death of Tostig and Harold Hardrada, after the Battle of Stamford Bridge.
- 33 Harold, conqueror at Stamford, and wounded, sits at a banquet in York—A herald announces the landing of Duke William.
- 34 A fiery star appears in England portentous of disaster, and is apostrophized by the Monk of Malmesbury.
- 35 Harold, about to oppose the invasion of William, offers prayer at Waltham Abbey, when the sacred image miraculously inclines forward from the Cross.
- 36 The day before the battle. A knight, with monks, sent by William to negotiate with Harold.
- 37 The eve before the battle. Pious observance of the Normans.
- 38 The eve before the battle. Riot and wassail of the Saxons.
- 39 Morning of the battle. The Norman Chief, Taillefer, leads Duke William's van, singing the song of Roland, and juggling with his sword.
- 40 The Normans, retreating, are stayed and turned by William, who discloses his face, to counteract the rumour of his having fallen.
- 41 Harold, in front of the Standard of England, is pierced by a falling arrow.
- 42 The night after the battle. Edith discovers, amid the slain, the body of Harold last Saxon King of England.

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- 38 Poem on Nelson's Tomb.
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- 6 Napoleon I., Emperor of France, in his coronation robes
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- 46 The Duke of Wellington presenting a casket to his godson Arthur, now Duke of Connaught
- 47 The Duke of Wellington riding in Hyde Park
- 48 The Duke at Apsley House in his old age
- 49 Walmer Castle
- 50 Room in Walmer Castle, where Wellington died
- 51 The Funeral Procession at Temple Bar, 1852
- 52 Monument to the Duke of Wellington in St. Paul's Cathedral
- 53 Monument to the Duke of Wellington at Hyde Park Corner



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- 6 Corporal Robert Shields, 23rd Regt., finding body of Adjutant Lieut. Dyneley, 8th Sept., 1855.
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- 14 Thomas H. Kavanagh completing his disguise in the Residency, Lucknow, 8th November, 1857.
- 15 Lieutenant Thomas Adair Butler, 1st Bengal Fusiliers, at Lucknow, 9th March, 1858.
- 16 Private James Davis, of the 42nd Highlanders, carrying Lieut. Bramley, who was wounded, to a place of safety. The attack on Fort Ruhya, April 15th, 1858.
- 17 Sergeant-Major Lucas, 40th Regiment, defending a position against the Maories, 18th March, 1861.
- 18 Colour-Sgt. McKenna, of the 65th Regiment. For bringing in the body of Captain Swift, who had fallen in action, 7th September, 1863.
- 19 Assist-Surgeon Temple, R.A., assisting Captain Mercer, R.A., at the attack on the Pah of Rangarir, 20th November, 1863.
- 20 Private Jones defending Hospital door at Rorke's Drift, Jan. 22, 1879.
- 21 Private Henry Hook defending the Hospital door at Rorke's drift, January 22, 1879.
- 22 Major Leet saving life of Lieut. Smith in Zulu War.
- 23 Gunner James Collis, Battery B. Brigade, on the way to Candahar, killing one of the leaders of the Afghan Horse, 1879.
- 24 Private Thomas Edwards defending Lieut. W. B. Almack, at the Battle of Tamanib, March 13.
- 25 Charge of the 2nd Punjab Cavalry in the action of Shangui, Afghanistan, 24th Oct., 1879.
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- 27 The Manipur Residency Garrison to Silchar, fighting on the road, 1891.
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- 47 Private Bees fetching water in a kettle at Medevil.
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## N M

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- 241 Royal Inniskilling Fusiliers with Buller repelling the attack
- 242 Cronje surrenders to Lord Roberts at Paardeberg
- 243 Meeting of Sir Redvers Buller and Sir George White at the Relief of Ladysmith
- 244 Burrows dug out by the Imperial Light Horse at Ladysmith
- 245 Prisoners on the road to St. Helena or Green Point
- 246 H.M. the Queen visiting wounded soldiers at Herbert Hospital, Woolwich
- 247 47 Naval gun, showing shelter trench in which the crew took shelter when "Long Tom" fired
- 248 The instant before firing 47 naval gun at Ladysmith; shelling "Long Tom" on farthest hill at 650 yards, Petty-officer Lee pulling the lanyard
- 249 Burial ground at Intombi Camp, Ladysmith
- 250 H.M.S. "Powerful" passing Southsea Beach on her way to Portsmouth Harbour
- 251 Lord Roberts writing despatches in a transport wagon
- 252 Household Cavalry watering their horses
- 253 Cronje introducing his wife to Gen. Douglas outside the station at Glover's Hotel during the journey to the Modder River Station
- 254 "The friend that was a foe." Lancer and Free State fraternising at Bloemfontein
- 255 The Union Jack on the Government Buildings, Bloemfontein
- 256 The Welsh Regiment and their goat at Bloemfontein
- 257 C.I.V. Orderlies on duty at the Post Office, Bloemfontein
- 258 The Orange Free State Under Secretary of State leaving the Police Station
- 259 Grenadiers marching to the station on their way to Springfontein (Bloemfontein)
- 260 General view of Lord Roberts' Advance on 261 At last: A surgeon at work on the field
- 262 The Boer Ambuscade at Koon Spruit
- 263 U Battery R.H.A. at Koon Spruit (heavy fire)
- 264 Roberts' Horse at Sanna's Post, retiring under
- 265 The Defence of Weepener by Col. Dalgetty
- 266 "Long Tom" being loaded to fire on Mafeking
- 267 Colonel Baden-Powell's shelter at Mafeking
- 268 Gen. Smith-Dorrien in S. Africa, on the way to Bloemfontein
- 269 Officers of the Sherwood Foresters resting on their way to Bloemfontein
- 270 H.M.S. "Powerful" Brigade being reviewed by Her Majesty at Windsor
- 271 Kruger walking to the Railway Station at Pretoria to meet Dr. Leyds
- 272 Crowds at Port Elizabeth passing a resolution in favour of the annexation of the Orange Free State and the Transvaal by Great Britain. The resolution was put by Sir Gordon Sprigg
- 273 Major Rimington of Rimington's Scouts on his favourite Basuto pony
- 274 Major-General Hector Macdonald, A.D.C. to the Queen (fontein Club)
- 275 General French on the balcony of the Bloemfontein
- 276 General Pole-Carew with his A.D.C., Lieutenant Farquhar and Major de Courcy Hamilton (Transport) [sharpshooter, in the trenches]
- 277 A Mafeking Amazon. Mrs. Davies, the lady
- 278 In the trenches at Mafeking
- 279 Major Lord Edward Cecil
- 280 Dr. Conan Doyle attending wounded Canadians in the Langham Hospital

*The following 15 slides are taken from direct negatives received from the Front:—*

- 281 On Outpost Duty [for burying the dead]
- 282 Boers taken during armistice (Feb. 25th, 1900)
- 283 Part of a Picquet
- 284 Broken Bridge at Colenso
- 285 Mouth of a Boer trench
- 286 Laundry work, Officers' garments drying
- 287 Sun shelter and Picquet guard
- 288 Officers of the Queen's. The pony in the background was wounded at Val Kranz
- 289 Native cowboy in old military coat
- 290 Filling up mule water-cart
- 291 Shelter from the sun by waterproof sheet
- 292 Filling water bottles [Kop in distance]
- 293 From Claytonspruit near Potgieter Drift, Spion
- 294 Field guns at rest
- 295 A shady corner near Camp
- 296 Major-General Bruce Meade Hamilton
- 297 Indian Ambulance-bearers under fire — The dangers of mercy
- 298 Leading the Artillery into action at Driefontein
- 299 Method of procuring water for troops on Veldt
- 300 The surrender of Kroonstadt. The march past Lord Roberts, the Guards leading (Drift)
- 301 Lord Roberts' Column crossing the Sand River
- 302 Natal Field Force. Field Hospital "Number Four" at Mooi River

## THE TRANSVAAL AND THE WAR—Continued.

- 308 Major-General Pole-Carew, C.B. (Photo taken at Bloemfontein)
- 304 Lord Dundonald's Cavalry charging the enemy over the burning Veldt at Laing's Nek
- 305 "Trucking" home, the last of the Commando
- 306 Hoisting the Royal Standard at Bloemfontein at the formal annexation of the Orange Free
- 307 Scots Greys dyeing their horses Khaki [State
- 308 The wounded on the Colonnade of the Raad Saal, Pretoria
- 309 Portrait of General Christian de Wet
- 310 Unfurling the British Flag in Gold Reef City—"God save the Queen!"
- 311 Triumphant entry into the Transvaal Capital. Lord Roberts reviewing the troops
- 312 Interior of the "Bird Cage," where 168 officers were imprisoned for four months
- 313 Sir Redvers Buller's advance. Infantry carrying the hill-ground at Rooikopjes, August 8th
- 314 A punishment for the abuse of the white flag
- 315 The fight at Retief's Nek
- 316 General Prinsloo's last stand [Pretoria
- 317 Hoisting the Union Jack on the Raad Saal,
- 318 Kipling's War Poem, "The Absent-minded Beggar"
- 319 Caston Woodville's illustration, "The Gentle"
- 320 A Notable Engagement of the C.I.V. Storming the Kopjes at Bristown, March 6, 1900
- 321 A Notable Performance of the C.I.V. The Battery engaged outside Pretoria, June 11
- 322 The C.I.V. on the way to Pretoria. Crossing a Drift on the Vaal River
- 323 Homeward Bound. A Burial at Sea
- 324 Home Again. C.I.V. in the Strand, London
- 325 C.I.V. Thanksgiving Service in S. Paul's, October 29, 1900
- 326 General the Right Honourable Sir Redvers Buller, V.C., G.C.B., K.C.M.G., Commander-in-Chief of the Forces in Natal during the
- 327 Lord Roberts on Horseback (Transvaal War
- 328 Sons of the Blood
- 329 The Night Charge of the 19th Hussars near Leydenburg, November 7, 1900
- 330 The Queen and her Empire. Inspection of Colonial Soldiers at Windsor, Nov. 16, 1900
- 331 Laser in Market Square, Buluwayo
- 332 Christmas under Arms. Still in the Field
- 333 Banquet to Lord Roberts at Buckingham Palace, January 4, 1901 [the Boer Guns
- 334 Charge of Bushmen and New Zealanders upon
- 335 The Engagement at Vlakfontein. The Derby-shires retaking the Guns
- 336 Capture of De Wet's Convoy at Rietz, June 6
- 337 Mr. Brodrick unveiling the Memorial to the fallen C.I.V. in Westminster Abbey, June 22, 1901
- 338 Yeomanry surprised in a drift while pursuing a Boer Commando in Cape Colony
- 339 Boers searching for lost ammunition on an old camping ground
- 340 Gen. Louis Botha. The Commander-in-Chief of Boer Guerilla Forces
- 341 Hospital Train (No. 3 H.) at Charlesown, near Volksrust
- 342 The gallant Bugler at Fort Itala
- 343 "No Surrender," the Defence of Fort Itala
- 344 Private Bees fetching water in a kettle at Mederil
- 345 Driver Bradley, R.F.A., winning V.C. at Fort Itala
- 346 Boers trying to cross the Railway. Stopped by Blockhouses
- 347 Deserted Boers' dogs following a column
- 348 Guards leaving the Barracks for S. Africa
- 349 An armoured train foiling Boers' attempt to cross the railway
- 350 De Wet's Night Surprise at Trefontein, Dec. 24, 1901
- 351 Lt.-Col. Damant's Fight against 300 Boers in a Storm
- 352 Boers' Night Attempt to cross railways stopped by Blockhouse searchlights
- 353 "Scots Greys" 2nd Dragons in full order
- 354 British Soldiers catching Boers ill-treating Natives
- 355 The Watch dogs of the Blockhouse Line, Native Scouts at work
- 356 "Hunted." The Survivors of a Commando
- 357 General De Wet breaking the wire of Block-houses and escaping
- 358 The mishap to the 2nd R.D. (Scots Greys) at Klippan, Feb 18th, 1902
- 359 Defeat of Lord Methuen's Force by Delsrey, March 7th, 1902
- 360 Colonial Gallantry. New Zealanders Defence after one of the Drives
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- 362 "Following the Flag"

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| 5 Picket of 13th Hussars on Outpost Duty in campaign uniform. | 25 2nd West Yorkshire Regiment on Parade.                             | 44 Egyptian Camel Corps. An Outpost in the Desert.   |
| 6 13th Hussars sharpening swords.                             | 26 Welsh Regiment, Types, with Goat.                                  | 45 Madras Lancers. An Officer.   |
| 7 Field Stables, 19th Hussars.                                | 27 2nd Shropshire Regiment.   | 46 " " A Subahdar.   |
| 8 Officer of 13th Lancers in full uniform.                    | 28 Cameronians on the March.  | 47 Madras Infantry. Native Umcer.  |
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| 11 Squadron 12th Lancers in khaki, on the march.              | 31 Devons' Maxim Gun and Escort.                                      | 50 Royal Canadian Artillery passing through Ottawa.  |
| 12 New South Wales Lancers.                                   | 32 Troops going on Board carrying their Kit-bags.                     | 51 A Military Funeral. The Burial Service for F.M. Prince Edward of Saxe Weimar in Chichester Cathedral. |
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- 89 Portrait of the late Lord Tennyson, Post Laureate
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- 91 Windsor Castle (from Home Park)
- 92 Thanksgiving Day Procession, 1872
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- 120

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- 124 The Queen Opening Parliament
- 125 Peninsular Heroes at Apsley House
- 126 Waterloo Heroes at the United Service Club
- 127 Death of the Duke of Wellington—Funeral Procession, 1862
- 128 The Battle of Alma
- 129 H.M. the Queen and the Prince of Wales
- 130 Entry of Princess Alexandra, 1863
- 131 Duke of Wellington and Prince Arthur
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- 4 Child's Bank, from the Royal Courts of Justice
- 5 Colonial Troops; The Malay States Guides, Malay Armed Police, British North Borneo Police, Hong Kong European Police, Hong Kong Police Sikhs, Hong Kong Chinese Police, and Ceylon Volunteers passing through Trafalgar Square
- 6 Escort of 36 English and Foreign Princes: Duke of York, Duke of Teck, Duke of Fife, Marquis of Lorne, The Princes of Teck, Princes of Persia, Egypt, Siam, Battenberg, Bulgaria, Montenegro, Prussia, Denmark, Sweden, &c., &c.
- 7 Her Majesty the Queen, in State Carriage, with Princess of Wales, and Princess Christian, passing the Peers' Seats outside the National Gallery
- 8 The presentation of the City Sword at Temple Bar, the entrance to the City. The Lord Mayor is just retiring after the Presentation. The Queen's face is very well seen in this slide
- 9 After the Presentation. The Lord Mayor mounted on horseback, carrying the Pearl Sword, preparing to precede Her Majesty through the City. The Prince of Wales and the Duke of Cambridge in attendance on the Queen are seen on horseback just behind the carriage
- 10 The Law Courts Branch of the Bank of England just after the procession has passed, shewing the "Times" correspondent in his stand writing despatches
- 11 The Ceremony at St. Paul's Cathedral, shewing the Queen's carriage and the eight cream-coloured horses; the choir and massed bands on the steps, and the Princes on horseback.
- 12 The Queen's carriage at the foot of the steps with the surrounding clergy. In this picture the figures are larger, and the Archbishop of Canterbury and many others can be easily recognised

**SS** THE FUNERAL OF HER LATE MAJESTY QUEEN VICTORIA.

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- 4 The Royal Mourners following the Bier on foot.
- 5 The Procession in Osborne Avenue, Queen Alexandra and the Royal Princesses following on Foot.
- 6 The Royal Yacht "Alberta" passing through the Solent.
- 7 The Royal Yacht "Alberta" with the Royal Catafalque entering Portsmouth Harbour, passing H.M. Training Ship "St. Vincent."
- 8 The King and the Kaiser leaving Victoria Station (photo).
- 9 The Crowd at Hyde Park Corner (photo).
- 10 The Funeral Procession at Hyde Park Corner. The Massed Bands (photo).
- 11 " " Lord Roberts.
- 12 " " The Funeral Car (photo).
- 13 " " The King passing by the Gate (photo).
- 14 " " Panorama of the Royal Procession passing through Hyde Park (slide 6½ in. long, plain 4s. 6d., painted 21s.).
- 15 The Funeral Procession. The Funeral Car passing through Hyde Park (photo).
- 16 " " The Foreign Representatives passing through Hyde Park (photo).
- 17 " " The Funeral Car entering Paddington Station (photo).
- 18 " " The King and the Royal Mourners entering Paddington Station (photo).
- 19 The Bluejackets marching to the Railway Station at Windsor (photo).
- 20 The Bluejackets drawing the Gun Carriage from the Railway Station (photo).
- 21 The Bluejackets drawing the Gun Carriage in the Quadrangle at Windsor.
- 22 The Queen's last Journey. The Guards and the Funeral Cortège leaving Windsor for Frogmore.
- 23 "In Memoriam." The World's Tribute.



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- 2 " " " Connaught's ship and Naval Resort to India. (H.M.S. "Sutlej," "Renown," "Hogue")
- 3 Building a Triumphal Arch at the Mori Gate
- 4 Impetus to Native Industries. Natives making the Durbar dresses and Elephant trappings at the principal embroidery factory where Coronation Robes were made for Queen Alexandra
- 5 Rehearsals and preliminaries. Lord Kitchener's Camp; a general view
- 6 Types of the Retainers of the Ruling Chiefs
- 7 A Typical Reception. The Viceroy's Officials welcoming the Maharajah of Holkar
- 8 Homage of a Native Prince to the Viceroy and Duke of Connaught, January 1st
- 9 The Viceroy's entry into Delhi. Lord and Lady Curzon and the Duke and Duchess of Connaught mounting their State Elephants
- 10 Theatre erected for the Durbar
- 11 State arrival of the Viceroy in the Arena
- 12 State entry of the Viceroy and the Duke of Connaught
- 13 Proclamation on New Year's Day
- 14 Native Chief Retainers at Delhi
- 15 Gold Gun of the Gaikwar of Baroda passing the Viceroyal Dais

- 16 Review of the Mutiny Veterans in the Viceroy's Camp
- 17 Investiture of the Indian Orders of Knighthood. The Investiture of the Maharajah of Cochin with the Star of India
- 18 The Durbar State Ball
- 19 Close of the Durbar Celebrations; Last Salutes at Delhi. The seclusion of the women in India. The Begum of Bhopal taking leave of the Duke of Connaught from her Palanquin
- 20 The Duke of Connaught bidding good-bye to the Maharajahs and Indian Chiefs at Delhi Railway Station, January 10th
- 21 Last Salutes at Delhi. Departure of the Duke of Connaught from Delhi, January 10th. The Viceroy saluting His Royal Highness at the Station

## Delhi.

- 22 Cashmere, Great Gate
- 23 The Great Mosque
- 24 Kutub Minar
- 25 Palace, Deswan, Kassi, Interior
- 26 The Marble Screen
- 27 Nautch Dancing Girl
- 28 The Jumna Musjeed
- 29 Fort, Hall of Audience
- 30 " " Private Audience
- 31 Ruins of Mosque, near
- 32 The Old Fort
- 33 The Church

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- 15 The crowning of Edward I.
- 16 The second Oblation by Edward II.
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- 24 The Exhortation addressed to Edward IV.
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- 39 The only uncrowned Queen Regnant of England; Lady Jane Grey signing her accession proclamation, July 10, 1553
- 40 The last procession from the Tower; Charles II. and his retinue on Tower Hill, April 22, 1661
- 41 The Scene of the Coronation, Westminster Abbey
- 42 The Inthronization of the Queen Consort at the Coronation of James II. and Mary of Modena, on St. George's Day, April 23, 1685
- 43 The crowning of the Queen Consort at the Coronation of James II. and Mary of Modena
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- 29 Thanksgiving for Peace, June 8, 1902. Their Majesties in their Carriage, Temple Bar
- 30 Thanksgiving for Peace, June 8, 1902. Presenting the Sword of City to King
- 31 Thanksgiving for Peace, June 8, 1902. The Crowd at Temple Bar one minute after the King and Queen's departure
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- 53 The Queen at Ascot, Coronation Year
- 54 The Coronation Review at Aldershot
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- 71 " " General View across the Transept looking N.E., showing the Thrones, &c.
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- 84 King Edward VII.'s Crown
- 85 The Regalia, showing Orb, Sceptre, Spoon, Ring and Crown

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- 41 " Presenting the Sword of the City to the King.
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- 56 King Edward's Regalia, showing the Orb, Sceptre, Spoon, Ring, and Crown.

## **THE KING'S PROCESSION THROUGH LONDON.**

- 57 Clearing the Street. Scenes at Temple Bar (from instantaneous photographs).
- 58 Lord Mayor and Sheriffs on horseback waiting for the King.
- 59 H.R.H. the Duke of Cambridge in his carriage.
- 60 The Lord Mayor presenting the Civic Sword to the King.
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- 67 T.M. the King and Queen at the Health Thanksgiving Service at St. Paul's Cathedral. October 26th, 1902.
- 68 The King laying the Keel Plate of H.M.S. "Queen."
- 69 The Queen launching H.M.S. "Devonport."
- 70 The King laying the Foundation Stone of the Royal Naval College, Dartmouth.
- 71 The King and Queen visiting the Hospital Ship at Portsmouth.
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- 73 " The Tourada or Bull Fight at Lisbon.
- 74 " Arrival at Malta.
- 75 " The King visiting Pope Leo XIII.
- 76 " Banquet given by the Emperor of Austria.
- 77 " May Day Reception in Paris. Passing down the Champs Elysées.
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- 79 " presenting Colours to the Irish Guards.
- 80 " presenting Medals to the Guards from South Africa.
- 81 H.R.H. the Prince of Wales conferring the Degree of Doctor of Music on the Princess of Wales.
- 82 " Voyage on the "Ophir." Farewell Luncheon on Board.
- 83 " Voyage on the "Ophir." Arrival at Malta.

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- 85 " Voyage on the "Ophir." Return, Arrival at Victoria.
- 86 " Voyage on the "Ophir." Return, Prince and Princess passing through Piccadilly on their way to the Banquet.
- 87 " at the Guildhall.
- 88 T.R.H. the Prince and Princess of Wales at the Banquet. The Prince delivering his great Speech on Colonial Defence.
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- 90 " The Welcome by the King and Queen at Windsor Station.
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- 93 The King at the Dinner at The Middle Temple. Nov. 2nd, 1903.
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- 96 " The Reception in St. Patrick's Hall, Dublin.
- 97 " The Queen visiting the Hospital for the Dying, Dublin.
- 98 " At Punchestown Races.
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- 108 The King pinning the Medal for Valour on Munro at Aberdeen.
- 109 The Banquet to the Kaiser at the Guildhall. 1907.
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- 52 King Edward VII. and Queen in State Coach, on the Way to the Houses of Parliament.
- 53 " arriving at Victoria Tower.
- 54 King Edward VII. and Queen passing along Royal Gallery.
- 55 King Edward VII. signing his Adherence to the Protestant Religion.
- 56 " and Queen on the Throne.
- 57 " reading his Speech from the Throne.
- 58 A Legacy of Guy Fawkes. The Yeoman of the Guard searching the Vaults.
- 59 The Speaker taking the Chair at Meeting of Parliament.
- 60 A Sitting in the House of Lords. The Lord Chancellor speaking.
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## XD

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- 28 "To Wake the Thunder of the Hills" A Battery to open fire on the Japanese
- 29 General Stoessel and his Staff inspecting the Forts
- 30 A Funeral of Victims of the "Petropavlovsk" disaster passing through Port Arthur
- 31 Port Arthur Militia coming off guard at the forts
- 32 Merchant Vessels stranded at the side of the Fairway
- 33 A Sunken Fire-ship: A View of the Harbour Mouth looking Seaward
- 34 A formidable Obstacle to Navigation
- 35 A Menace to the Fairway: A Fire-ship sunk well within the Harbour entrance
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- 41 An awkward Track for Gun Transport to Liao-Ti-Shan. Road 9
- 42 A Muscovite Menace to Japan: A Gun and Gun Shield. Gun laid for high-angle fire
- 43 Riddled with Shell: Effect of the Bombardment on a Port Arthur House
- 44 Chinese Guns in Russian Service: Quick-firers under inspection before going into action
- 45 Rough going for Guns: Shifting a small Field-piece
- 46 Russian Concealment for Artillery: A Gun Position
- 47 A Japanese Surgeon at work in the Ravine
- 48 The Assault on Banduzan
- 49 Russian Night Attack on the Engineers in the Trenches
- 50 The Attack on the Cockscorn Fort. Ambulance bearers feigning death in order to succour the wounded

*The following are from Direct Photographs taken in Port Arthur during the Siege. Nos. 24-44 having run the Blockade.*



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- 21 "Goubet No. II." being hoisted out
- 22 "Goubet II." on the water
- 23 M. Goubet about to descend in his boat
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- 26 The "Gustave Zédé" Submarine
- 27 The "Narval" in Dry Dock
- 28 The "Narval" steaming on the surface

### Germany.

- 29 A German Submarine built at Howaldt's, Kiel

### Russia.

- 30 The Russian Submarine

### Italy.

- 31 The "Pino" Submarine, for Salvage Work

### United States of America.

- 32 Mr. Holland's earliest Submarine, 1875
- 33 The "Holland No. I."
- 34 U.S. Submarine Torpedo Boat, Plan of
- 35 The "Holland" Awaash
- 36 The "Adder" on the stocks at Elizabethport
- 37 The "Shark" ready for launching
- 38 The "Shark" successfully launched
- 39 Plan of the "Fulton"
- 40 The "Fulton" ready for launching
- 41 The "Fulton" proceeding to dive
- 42 The "Fulton" submerged
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- 44 Longitudinal section of Lake Submarine Boat, "Argonaut"
- 45 The "Argonaut" in Dry Dock
- 46 Model of the "Protector"
- 47 The New Lake Submarine Torpedo Boat "Protector" on the stocks

### England.

- 48 Launch of the first British Submarine
- 49 British Submarine alongside H.M.S. "Hazard"
- 50 British Submarine No. 5 oiling on the surface
- 51 British Submarine Flotilla showing "A1" of the new 100-ft. type
- 52 Engine for British Submarines
- 53 Steam plinace with spar-torpedo
- 54 Three types of the Whitehead Torpedo
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- 59 Torpedo caught in a Torpedo Net

- 60 One of the first Torpedo Boats
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- 62 Design for an Armoured Submersible by Alan H. Burgoyne
- 63 Forest 24-cylinder heavy oil engine for Submarine

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- 8 The Lad received as Jenny's lover, the home scene after supper; the Cotter reading the Bible

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"Thou most lying slave, whom stripes may  
move, not kindness"

- 2 Act 4, Scene 1  
"Like the baseless fabric of this vision shall  
dissolve"

- 3 Act 5, Scene 1  
"Sweet lord, you play me false"

**Two Gentlemen of Verona.**

- 4 Act 5, Scene 4  
"Ruffian, let go that rude, uncivil touch"

**Merry Wives of Windsor.**

- 5 Act 1, Scene 1  
"The Knight, Sir John, is there"

- 6 Act 1, Scene 1  
"Here comes fair Mistress Anne"

- 7 Act 1, Scene 1  
"The dinner attends you, sir!"

- 8 Act 2, Scene 1  
"Oh, that my husband saw this letter!"

- 9 Act 3, Scene 3  
"Help to cover your master, boy"

- 10 Act 4, Scene 2  
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- 11 Act 5, Scene 3  
"Fairies black, gray, green, and white"

**Twelfth Night.**

- 12 Act 3, Scene 4  
"Why dost thou smile on and kiss thy hand so  
oft?"

- 13 Act 3, Scene 4  
"Why, man, he is a very devil"

- 14 Act 5, Scene 1  
"A contract of eternal bond of love"

- 15 Act 5, Scene 1  
"Bade me come smiling and cross-gartered to  
you"

**Measure for Measure.**

- 16 Act 3, Scene 1  
"My name is Elbow"

- 17 Act 5, Scene 1  
"Thou art the first knave that e'er made a duke"

**Much Ado about Nothing.**

- 18 Act 3, Scene 1  
"So angle we for Beatrice"

- 19 Act 4, Scene 1  
"Hail no man's dagger here a point for me?"

- 20 Act 4, Scene 2  
"Which be the malefactors?"

**Midsummer Night's Dream.**

- 21 Act 4, Scene 1  
"Come, sit thee down upon this flowery bed"

**Love's Labour Lost.**

- 22 Act 4, Scene 1  
"Was that the king that spurred his horse so  
hard?"

**Merchant of Venice.**

- 23 Act 2, Scene 5  
"Shut doors after you; Fast hind, fast find"

- 24 Act 5, Scene 5  
"Here will we sit, and let the sounds of music  
creep in our ears"

**As you Like it.**

- 25 Act 1, Scene 2  
"Wear this for me!"

**26 Act 2, Scene 1**

"Tongues in trees, books in the running brooks"

**27 Act 2, Scene 7**

"At first, the infant"

**28 Act 2, Scene 7**

"And then the whining schoolboy"

**29 Act 2, Scene 7**

"And then the lover, sighing like a furnace"

**30 Act 2, Scene 7**

"Then a soldier, full of strange oaths"

**31 Act 2, Scene 7**

"And then the justice"

**32 Act 2, Scene 7**

"The lean and slippered pantaloon"

**33 Act 2, Scene 7**

"Sans everything"

**34 Act 4, Scene 3**

"Give battle to the lioness"

**35 Act 5, Scene 4**

"To you I give myself, for I am yours"

**All's Well that Ends Well.****36 Act 5, Scene 3**

"Is't real, that I see?"

**Taming of the Shrew.****37 Induction, Scene 2**

"Look how thy servants do attend on thee"

**38 Act 3, Scene 2**

"I will be master of what is my own"

**39 Act 4, Scene 3**

"I'll none of it"

**Winter's Tale.****40 Act 2, Scene 3**

"Swear by this sword"

**41 Act 3, Scene 3**

"I am gone for ever"

**42 Act 4, Scene 3**

"He hath ribands of all colours 't the rainbow"

**43 Act 5, Scene 3**"If this be magio, let it be an art lawful as  
eating"**The Comedy of Errors.****44 Act 5, Scene 1**

"Justice, most sacred Duke, against the Abbess"

**Macbeth.****45 Act 1, Scene 3**"Say . . . why upon this blasted heath you  
stop our way"**46 Act 1, Scene 5**

"Come, come, you spirits"

**47 Act 4, Scene 1**

"What is this, that rises?"

**King John.****48 Act 4, Scene 1**

"O, save me, Hubert"

**Richard II.****49 Act 4, Scene 1**

"Give me the Crown"

**50 Act 5, Scene 2**

"God save thee, Bolingbroke!"

**Henry IV. Part I.****51 Act 2, Scene 2**

"Your money!"

**52 Act 2, Scene 4**"This chair shall be my State; this dagger my  
sceptre; and this cushion my crown"

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## SCENES FROM SHAKESPEARE'S PLAYS—Continued.

- 53 Act 4, Scene 1  
"I have letters come from your father"  
54 Act 5, Scene 4  
"Oh, Harry, thou hast robbed me of my youth"

## Henry IV. Part II.

- 55 Act 2, Scene 4  
"I kiss thee with most constant heart"  
56 Act 3, Scene 2  
"Will you tell me how to choose a man?"  
57 Act 4, Scene 4  
"Wherefore did he take away the crown?"  
58 Act 4, Scene 4  
"There is your crown!"  
59 Act 4, Scene 4  
"My gracious liege, you won it, wore it, kept it, gave it me!"

## Henry V.

- 60 Act 2, Scene 2  
"God quit you in His mercy! Hear your sentence!"

## Henry VI. Part I.

- 61 Act 2, Scene 3  
"Is this the man?"  
62 Act 2, Scene 4  
"I pluck this white rose!—I pluck this red rose"  
63 Act 2, Scene 5  
"My lord, your loving nephew now is come"

## Henry VI. Part II.

- 64 Act 1, Scene 4  
"False fiend, avoid!"

## Henry VI. Part III.

- 65 Act 1, Scene 3  
"I never did thee harm! Why wilt thou slay me?"  
66 Act 4, Scene 5  
"This way, my lord"  
67 Act 5, Scene 7  
"Kiss your princely nephew, brothers, both!"

## Richard III.

- 68 Act 3, Scene 1  
"Here comes the Duke of York"  
69 Act 4, Scene 3  
"We smothered the most replenished, sweet work of nature, that . . . e'er she framed"  
70 Act 4, Scene 3  
"The chaplain of the Tower hath buried them"

## Henry VIII.

- 71 Act 1, Scene 4  
"The fairest hand I ever touched!"  
72 Act 2, Scene 4  
"Let silence be commanded!"  
73 Act 2, Scene 4  
"You shall not be my judge!"  
74 Act 3, Scene 1  
"Is this your Christian counsel? Out upon ye!"  
75 Act 4, Scene 2  
"An old man, broken with the storms of State, Is come to lay his weary bones among ye!"

## Troilus and Cressida.

- 76 Act 2, Scene 2  
"Cry, Trojans, cry!"  
77 Act 5, Scene 2  
"Stand where the torch may not discover us"

## Timon of Athens.

- 78 Act 4, Scene 3  
"Go on,—here's gold,—go on!"

## Coriolanus.

- 79 Act 5, Scene 3  
"My wife comes foremost"  
Julius Caesar.

- 80 Act 4, Scene 3  
"Why comest thou?"  
Antony and Cleopatra.

- 81 Act 3, Scene 4  
"A more unhappy lady...ne'er stood between praying for both parts!"  
82 Act 5, Scene 2  
"Now, boast thee, death! In thy possession lies a lass unparallel'd"  
83 Act 5, Scene 2  
"She looks like sleep!"

## Cymbeline.

- 84 Act 1, Scene 2  
"Hence, from my sight!"  
85 Act 3, Scene 4  
"Do thou thy master's bidding!"  
86 Act 3, Scene 6  
"Best draw my sword; and if mine enemy but fear the sword like me, he'll scarcely look on't!"

## Titus Andronicus.

- 87 Act 4, Scene 1  
"Help, grandsire, help!"

## King Lear.

- 88 Act 1, Scene 1  
"Be Kent unmannerly, when Lear is mad!"  
89 Act 3, Scene 4  
"I ventured to come seek you out"  
90 Act 4, Scene 7  
"How fares your Majesty?"  
91 Act 5, Scene 3  
"The one the other poisoned.....and after slew herself"

## Romeo and Juliet.

- 92 Act 1, Scene 5  
"Uncle, this is a Montague, our foe"  
93 Act 3, Scene 2  
"Now, Nurse, what news?"  
94 Act 4, Scene 3  
"Help, help! My lady's dead"  
95 Act 5, Scene 3  
"Where is my Romeo?"

## Hamlet.

- 96 Act 1, Scene 4  
"Angels and ministers of grace, defend us!"  
97 Act 3, Scene 2  
"Madam, how like you this play?"  
98 Act 4, Scene 5  
"Do you see this?"

## Othello.

- 99 Act 1, Scene 3  
"She loved me for the dangers I had passed"  
100 Act 2, Scene 1  
"Ye men of Cyprus, let her have your knees!"  
101 Act 5, Scene 2  
"She must die!"

- 102 Shakespeare nursed by Comedy and Tragedy  
103 The Alto Relievo in front of the Shakespeare Gallery, Pall Mall

Life of Shakespeare, see Index.

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- 8 Tennyson's Grave in Westminster Abbey

## Crossing the Bar.

- 9 "And may there be no moaning of the bar  
When I put out to sea"
- 10 "Twilight and the evening bell,  
And after that the dark"

## Idylls of the King.

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from the engravings in *The Dore Gift Book*.

- 11 Introduction. Medallion of Tennyson surrounded  
by characters from the "Idylls"

## GERAINT AND ENID.

- 12 "And high above a piece of turret stair,  
Worn by the feet that now were silent, wound  
Bare to the Sun."
- 13 "Hand in hand they moved  
Down to the meadow where the jousts were held."
- 14 "First, thou thyself, thy lady, and thy dwarf,  
Shalt ride to Arthur's court,"
- 15 "And Enid stood aside to wait the event."
- 16 "He, when the fair-haired youth came by him  
said,  
'Friend, let her eat; the damsel is so faint.'  
But at the flash and motion of the man,  
They vanished, panic-stricken."
- 18 "Her desolation came  
Upon her, and she wept beside the way."
- 19 "Like a ball  
The russet-bearded head rolled on the floor."
- 20 "She cast her arms  
About him and at once they rode away."

## LANCELOT AND ELAINE.

- 21 "And from the skull the crown  
Rolled into light."
- 22 "He saw  
Fired from the west, far on a hill, the towers"
- 23 "The lily maid Elaine,  
Won by the mellow voice before she look'd,  
Lifted her eyes, and read his lineaments."
- 24 "He look'd and . . . saw  
The maiden standing in the dewy light."
- 25 "So day by day she past  
In either twilight, ghostlike to and fro."
- 26 "So those two brethren from the chariot took  
And on the black decks laid her in her bed."  
"She did not seem as dead"
- 27 "But fast asleep, and lay as tho' she smiled."
- 28 "And ever in the reading, lords and dames  
Wept."
- 29 "And Lancelot answer'd nothing, but he went,  
And at the innurming of a little brook  
Sat by the river in a cove."

## MERLIN AND VIVIAN.

- 30 "At Merlin's feet the wily Vivian lay."
- 31 "And touching Breton sands, they disembark'd."
- 32 "And then she follow'd Merlin all the way  
Ev'n to the wild woods of Broceliand."
- 33 "It was the time when first the question rose  
About the founding of a Table round."
- 34 "And all day long we rode  
Thro' the dim land, against a rushing wind."
- 35 "And speaking not, but leaning over him  
I took his brush and blotted out the bird."
- 36 "And pushing his black craft among them all  
Helightly scatter'd theirs, and brought her off."
- 37 "At last they found—his forgers for charms—  
A little glassy-headed hairless man."

- 38 "For Merlin, overtalk'd and overwon,  
Had yielded, told her all the charm and sleight."

## GUINEVERE.

- 39 "And then they rode to the divided way,  
There kiss'd, and parted weeping."
- 40 "But she to Almesbury,  
Fled all night long by glimmering waste and  
weld."
- 41 "O pray you, noble lady, weep no more."
- 42 "Will the child kill me with her innocent talk?"
- 43 "Three spirits mad with joy  
Came dashing down on a tall wayside flower."
- 44 "And still at evenings on before his horse  
The flickering fairy-circle wheel'd and broke."
- 45 "They found a naked child upon the sands  
Of dark Dundagil by the Cornish sea  
And that was Arthur."
- 46 "They  
Rapt in sweet talk or lively, all on love . . .  
Rode under groves that look'd a paradise  
Of blossom."
- 47 "He paused, and in the pause she crept an inch  
nearer, and laid her hands about his feet"

## The Passing of Arthur.

- 47a "So like a shattered column lay the King" 1/6  
Lancelot and Elaine.
- 48 Statue: "Elaine the fair, Elaine the loveable;  
Elaine, the lily maid of Astolat"
- 48a "The dead  
Oar'd by the dumb, went upward with the  
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- 48b "Between dark stems the forest glows,  
I hear a noise of hymns" G. F. Watts 2/-
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Until I find the Holy Grail" 2/-

## Charge of the Light Brigade.

- 49 "Rode the six hundred"
- 50 "Flashed all their sabres bare"
- 51 "But not, not the six hundred"

## Lady Godiva.

- 52 "Took the tax away and built herself an ever  
lasting name."

## The Brook.

- 53 "I chatter over stony ways  
In little sharps and trebles"
- 54 "With many a curve my hanks I fret,  
By many a field and fallow."
- 55 "I chatter, chatter, as I flow  
To join the brimming river"
- 56 "I wind about and in and out,  
With here a blossom sailing"
- 57 "With many a silver water-break  
Above the golden gravel"
- 58 "And draw them all along and flow  
To join the brimming river."
- 59 "I steal by lawns and grassy plots  
I slide by hazel covers."
- 60 "For men may come and men may go,  
But I go on for ever."

## "Break, Break, Break."

- 61 "Break, break, break,  
On thy cold gray stones, O sea!"
- 62 "O well for the sailor lad,  
That he sings in his boat on the bay."
- 63 "And the stately ships go on  
To their haven under the hill"
- 64 "Break, break, break,  
At the foot of thy crags, O sea!"

## The May Queen.

- 65 Statue: "I'm to be Queen of the May"

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- 3 Save that from yonder ivy-mantled tower  
The moping owl does to the moon complain.
- 4 Beneath those rugged elms that yew trees shade  
Where heaves the turf in many a mouldering heap.
- 5 Oft did the harvest to their sickle yield; [heap.  
Their furrow oft the stubborn glebe has broke
- 6 The paths of glory lead but to the grave. [vault  
Where through the long-drawn aisle and fretted  
The pealing anthem swells the note of praise.
- 8 Perhaps in this neglected spot is laid  
Some heart once pregnant with celestial fire.
- 9 Full many a flower is born to blush unseen,  
And waste its sweetness on the desert air.
- 10 Forbade to wade through slaughter to a throne  
And shut the gates of mercy on mankind.
- 11 Far from the madding crowd's ignoble strife  
Their sober wishes never learned to stray.
- 12 Haply some hoary-headed swain may say,  
Oft have we seen him at the peep of dawn.
- 13 Stoke Poges Church at Sunset  
Approach and read—for thou canst read—the lay  
Graved on the stone beneath yon aged thorn.
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- 4 Effect. Smith at work at anvil.  
The smith a mighty man is he  
With large and sinewy hands.
- 5 Children at door.  
And children coming home from school  
Look in at the open door.
- 6 Effect. Firelight in Smithy.  
They love to see the sparks that fly  
Like chaff from the threshing-floor.
- 7 Smith at Church, taking part in the service.  
He goes on Sunday to the church,  
And sits among his boys;  
He hears the parson pray and preach,  
He hears his daughter's voice  
Singing in the village choir,  
And it makes his heart rejoice.
- 8 Effect. Wife appearing as Angel.  
It sounds to him like her mother's voice  
Singing in Paradise.
- 9 Effect. Church and Grave
- 10 Smith at home, at tea with children.
- 11 Angel effect.  
Something attempted, something done  
Has earned a night's repose.

**DV****THE VILLAGE BLACKSMITH.**

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- 2 Under a Spreading Chestnut Tree
- 3 The Smith a mighty man is he
- 4 Week in, week out, from morn till night
- 5 And Children coming home from school
- 6 He goes on Sunday to the Church
- 7 He hears the parson pray and preach

**DW****HISTORICAL AND POETICAL.**

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| 3 Randolph Murray's return<br>from Flodden | 8 Battle of Minden, A.D. 175 | Combat between Mamilius<br>and Herminius |
| 4 Battle of Marathon. Abbot's<br>"Derius"  | 9 The Private of the Buffs   | 16 The Battle of Ivry, A.D. 1590         |
| 5 The Battle of Hohenlinden,<br>A.D. 1800  | 10 Death of Botzaris         | 17 Death of Marston                      |
|  | 11 Bernardo del Carpio       | 18 Fitz-James and Roderick Dhu           |
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- 3 "The sweet Vision he saw"
- 4 Battle of the Baltic—"There was silence deep as death"
- 5 " " "When each gun from its adamant lips"
- 6 " " Deck Scene—"Again, again, and the bayonet did not slack"
- 7 " " "Soft sighs the wind of Heaven o'er their grave"
- 8 Burial of Sir John Moore. Standing round his grave
- 9 " " "We left him alone in his glory"
- 10 Ye Mariners of England—"Your glorious Standard launch again"
- 11 "—"And sweep through the deep"
- 12 "—"While the stormy winds do blow"
- 13 "—"With thunders from her native oak she quells"
- 14 The Night before Waterloo. The Ball Room  
"And there were sudden partings"
- 15 The Field of Waterloo. Street in Brussels  
"And there was mustering in hot haste"
- 16 "—"The March of the Highlanders  
—"And wild and high the Cameron's gathering rose!"
- 17 " " "And earth is covered thick with other clay, Rider,—horse,—friend,—foe,—in one red burial blent"
- 18 Charge of the Light Brigade—"Rode the six hundred"
- 19 " " "Flashed all their sabres bare"
- 20 " " "Then they rode back, but not, not the six hundred"
- 21 On the death of the Brave. An old soldier visiting his comrades' graves
- 22 The Joy Bells and the Requiem. "Ring the Joy Bells chime on chime!"
- 23 The Soldier's Return, "What spied I but my ain dear maid"
- 24 In Memoriam

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## UB CHARACTERS FROM DICKENS.

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- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Sidney Carton. "Keep your eyes upon me, dear child, and mind no other object. They will be rapid. Fear not."</li> <li>2 Dan'l Peggotty. "He stood, long after I had ceased to read, still looking at me."</li> <li>3 Uriah Heep. "I am well aware that I am the 'umblest person going, let the other be where he may."</li> <li>4 Wackford Squeers. "Let any boy speak a word without leave and I'll take the skin off his back."</li> <li>5 Fagin ("Oliver Twist"). "He had only one more night to live. He had spoken little. . . . He had sat there awake, but dreaming. Now he started up every minute, and, with gasping mouth and burning skin, hurried to and fro, in such a paroxysm of fear and wrath, that even they—used to such sights—recalled from him with horror."</li> <li>6 Bill Sikes ("Oliver Twist"). "None of your 'Mistering,' you always mean mischief when you come that. You know my name—Bill Sikes! out with it. I shan't disgrace it when the time comes."</li> <li>7 Mr. Mantalini ("Nicholas Nickleby"). "My dear, will you follow me? Ha! ha! They all follow me, Nickleby; always did, demmit always."</li> <li>8 Newman Noggs ("Nicholas Nickleby"). "Nickleby! I served you faithfully. I served you because I was proud; because I was a lonely man with you, and there were no other drudges to see my degradation; and because nobody knew better than you that was ruined man—that I hadn't always been what I am."</li> </ol> | <ol style="list-style-type: none"> <li>9 The Grandfather ("The Old Curiosity Shop"). "He never told them what he thought, or where he went. He would sit with them at night, pondering with a secret satisfaction, and still they would hear him whisper in his prayers, 'Lord, let her come to-morrow.'"</li> <li>10 Sergeant Buzfuz ("Pickwick Papers"). "Sergeant Buzfuz now rose with more importance than he had yet exhibited, if that were possible, and said 'Call Samuel Weller.'"</li> <li>11 Montague Figg ("Martin Chuzzlewit"). "And so, sir, not for myself, who have no claim upon you, but for my crumbed, my sensitive and independent friend, who has—I ask the loan of three half-crowns, distinctly and without a blush. I ask it almost as a right."</li> <li>12 Barnaby Rudge. "Ha, ha! Why how much better to be silly than as wise as you! you don't see shadowy people there, like those that live in sleep—not you. . . . I lead a merrier life than you with all your cleverness."</li> </ol> |
|--|--|
- The following are particularly fine character drawings by F. Barnard.
- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>13 Sidney Carton</li> <li>14 Bill Sykes</li> <li>15 Mr. Micawber</li> <li>16 Sairey Gamp</li> <li>17 Betsy Trotwood</li> <li>18 Uriah Heep</li> </ol> | <p>Nos. 19 and 20 are from drawings by James Greig.</p> <ol style="list-style-type: none"> <li>19 Trotty Veck and Toby ("The Chimes"). "It's Tripe!"</li> <li>20 The Cricket on the Hearth</li> </ol> |
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## XL

CHRISTMAS TIME.  
HERE, THERE, AND EVERYWHERE.

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- 6 Vikings meeting in a Cave for the New Year
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- 8 King Henry IV. distributing food to peasants at Christmas
- 9 Christmas Reveille

- 10 Christmas Eve during the Civil War. An unwelcome summons
- 11 An old time Christmas Greeting
- 12 His first time under the Mistletoe. A Puritan practical joke
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- 18 Going down to dinner on a Christmas Day
- 19 Children's dance. The Cake Walk
- 20 Snapdragon at a Christmas party
- 21 Entry of Santa Claus at a Christmas party
- 22 The Old and the New Year's Children. A pageant of the months
- 23 A Child's Dream. Christmas Eve in Fairyland

- 24 Entry of the Christmas pudding during the Alexandra Trust dinner
- 25 A successful member of the Goose Olnh
- 26 Christmas at the Lyeh Gate
- 27 Jack Frost on the Window pane
- 28 Hoar Frost
- 29 On the heels of the Law. A Christmas spill
- 30 A Woodland Christmas
- 31 Heavy snow

## CHRISTMAS AMONG THE BIRDS.

- 32 The birds in Winter time
- 33 Grey hen and nest of eggs. A sporting outlook
- 34 Ptarmigan in Christmas plumage

- 35 Partridges in Winter
- 36 Sparrowhawk raiding a flock of Chaffinches
- 37 Reynard's Christmas dinner

## CHRISTMAS EVERYWHERE.

- 38 Sleighing in Holland
- 39 Curling in Scotland
- 40 Tobogganning in Canada
- 41 Fortune telling by molten lead. A German Christmas custom
- 42 Ori hunting in China
- 43 Santa Claus at Oberammergau in Bavaria
- 44 Christmas in the North Sea

- 45 Christmas in the Backwoods. Toast to "Absent Friends"
- 46 North American Indians breaking "The Truce of God," murderous intruders at the Christmas feast
- 47 Collecting Winter Furs for the English market
- 48 Highland Shepherd digging Sheep out of snow
- 49 Snap-apple night. All Hallow's Eve in Ireland

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- 55 "A Merry Christmas to you all"

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- 7 "The beach was strewn with wreckage."
- 8 "The wives that night was skeered."
- 9 "It's the children's daily bread."
- 10 "I was up at my cottage yonder."
- 11 "He'd got into trouble in London."
- 12 "I sat and watched her dying."

- 13 "Every lad on that ship, John, is some poor mother's son."
- 14 "We launched the boat in the tempest."
- 15 "We drew in hail of the vessel."
- 16 "Went down in the scethin' whirlpool with every livin' soul."
- 17 "I stretched out my hand to seize it."
- 18 "Then my mates came in and whispered."
- 19 "For there by the hedside."
- 20 "He's allus the first aboard her when the lifeboat wants a crew."

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- 43 " " "Father, I have sinned."
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- 53 " " "Angels came and ministered unto Him."
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- 144 The Holy Family (Schleibner). 1s. 6d.
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- 146 The Holy Family (Defregger). 1s. 6d.
- 147 The Holy Family (Alleaume). 2s.
- 148 The Massacre of the Innocents (L. Coghiet).
- 149 The Massacre of the Innocents (Ruhens).
- 150 The Massacre of the Innocents (Guido Reni).
- 151 The Shadow of the Cross.
- 152 "Behold the Lamb of God" (Geselschap). 1s. 6d.
- 153 Nazareth.
- 154 The Arrival at Nazareth (W. C. T. Dobson).
- 155 Joseph and the Child Christ (Carl Müller).
- 156 Christ brought to the Temple by His Mother. His First Passover (Zimmermann). 1s. 6d.
- 157 The Infant Jesus on the Threshold of the Temple (Carlo Dolci).
- 158 Christ with the Doctors in the Temple (Decalsene).
- 159 Christ with the Doctors in the Temple (W. C. T. Dobson).
- 160 The Youthful Christ embracing St. John (G. Reni).
- 161 Christ in the Temple with the Doctors (Feuerstein). 1s. 6d.
- 162 The Virgin in the Temple with the Child Christ (Feuerstein). 1s. 6d.
- 163 Jesus in the Temple with the Doctors (J. J. Benj. Constant). 2s.
- 164 Joseph and Mary seeking Jesus (E. Armitage).
- 165 The Childhood of Jesus (Kowalski). 2s.
- 166 Christ in His Parent's Home at Nazareth.
- 167 The Holy Family at Nazareth.
- 168 Christ in the Carpenter's Shop.
- 169 Christ disputing with the Doctors (B. Luini).
- 170 The Shadow of Death (Holman Hunt). 1s. 6d.
- 171 Christ the Carpenter (Dixon).
- 172 Christ taking leave of His Mother at Bethany (Furst). 1s. 6d.
- 173 The Infant S. John (Raphael).
- 174 The Infant St. John and the Lamb (F. Raibolini).
- 175 John the Baptist.
- 176 John the Baptist (W. Etty).
- 177 John the Baptist (Martino Piazza).
- 178 John the Baptist preaching.
- 179 John the Baptist preaching in the Wilderness (Andrea del Sarto).
- 180 The Humility of John the Baptist (Dixon).
- 181 John the Baptist's witness to Christ (Dixon).
- 182 The Fords of Jordan.
- 183 The Baptism of Christ.
- 184 The Baptism of Christ in Jordan (Doré).
- 185 The Baptism of our Lord (P. Vannucci).
- 186 John baptizing Christ.
- 187 John the Baptist Beheaded (Dominico Morcelli). 2s.
- 188 The Daughter of Herodias with John the Baptist's Head (Guido Reni).
- 189 The Temptation (Dixon).
- 190 The Temptation. Tempted of the Devil.
- 191 The Temptation (Scheffer).
- 192 Temptation on the Pinnacle of the Temple (Dixon).
- 193 Christ in the Wilderness (after Vedder). 1s. 6d.
- 194 Christ in the Wilderness (Groenveld). 1s. 6d.
- 195 Christ tempted by Satan (Cornicelius). 1s. 6d.
- 196 The Temptation. Christ in the Cave (Dixon).
- 197 The Temptation. Christ on the Pinnacle of the Temple (Dixon).
- 198 The Temptation. The Kingdoms of the World (Dixon).
- 199 Jesus Tempted by the Devil (Joncieres). 2s.
- 200 Christ in the Desert (Vereschagin). 2s.
- 201 Jesus and the Angels (Dominico Morelli). 2s.
- 202 "Angels came and ministered unto Him" (Dixon).
- 203 The Calling of James and John (Dixon).
- 204 Calling the First Disciples.
- 205 Andrew bringing Peter to Christ (Dixon).
- 206 Christ and the Fishermen (Zimmermann). 1s. 6d.
- 207 Cana of Galilee.
- 208 The Marriage Feast in Cana (P. Cagliari).
- 209 Christ healing the Sick (Dixon).
- 210 Christ cleansing the Temple the first time (Dixon).
- 211 Jesus purgeth the Temple of Buyers and Sellers (Franco P. Michetti). 2s.
- 212 Nicodemus visiting Christ.
- 213 Samaria.
- 214 Shechem. Jacob's Well.
- 215 The Woman of Samaria (Guercino).
- 216 Christ and the Woman of Samaria (J. R. Herbert).
- 217 Christ and the Woman of Samaria (Siemeradski). 1s. 6d.
- 218 The Samaritan Woman. 2s.

## THE LIFE OF CHRIST—Continued.

- 219 Christ interpreting the Scriptures in the Synagogue at Nazareth (Dixon).  
 220 Jesus healing in Galilee (Dominico Morelli). 2s.  
 221 Christ healing the Man Sick of the Palsy (Dixon).  
 222 The Calling of Matthew (Dixon).  
 223 The Calling of Matthew.  
 224 Christ healing the Sick (Aubert). 2s.  
 225 Christ healing the Paralytic (Vandyke).  
 226 Christ healing the Impotent Man.  
 227 Christ feeling the Five Thousand.  
 228 Christ feedeth the Multitude (Dubufe).  
 229 Feeding the Multitude (A. Twidle).  
 230 Christ feeding the Multitude (Dixon).  
 231 The Sermon on the Mount (Dubufe).  
 232 The Sermon on the Mount (Noack). 1s. 6d.  
 233 The Sermon of Christ (Vereschagin). 2s.  
 234 The Sermon on the Mount (Dixon).  
 235 The Parable of the Lilies (H. le Jeune).  
 236 Christ teaching from a Boat.  
 237 Christ teaching from a Boat on the Sea of Galilee (Jalabert).  
 238 Christ teaching from a Boat on the Sea of Galilee (A. Twidle).  
 239 Christ talking to His Disciples.  
 240 Christ raising the Widow's Son at Nain.  
 241 Christ raising the Widow's Son (A. Caracci).  
 242 The Resurrection of the Son of the Widow of Nain (Scherer). 2s.  
 243 The Widow of Nain (Feldmann). 1s. 6d.  
 244 A Woman anoints the Feet of our Lord (Dixon).  
 245 "Lord, have mercy upon us!" (A. Dietrich).  
 246 Christ healing the Sick.  
 247 Christ healing the Sick.  
 248 Christ and the Syro-Phœnician Woman.  
 249 The Sea of Galilee.  
 250 The Parable of the Sower.  
 251 The Parable of the Sower.  
 252 Christ the Sower.  
 253 Christ the Sower (Noyes-Lewis). 1s. 6d.  
 254 Christ cleansing a Leper.  
 255 Christ stilleth the Storm (G. Sands).  
 256 Christ stilleth the Tempest (A. Dietrich).  
 257 Christ stilleth the Tempest.  
 258 Jesus in the Great Storm (J. J. B. Constant). 2s.  
 259 The Miracle of the Gadarene Swine (Briton Riviere).  
 260 The Woman with an Issue of Blood touching the Hem of Christ's Garment.  
 261 Raising Jairus' Daughter (Ed. Steidle).  
 262 Christ raising Jairus' Daughter.  
 263 The Raising of Jairus' Daughter (Max). 1s. 6d.  
 264 The Raising of Jairus' Daughter (Keller). 1s. 6d.  
 265 Jairus' Daughter raised (Jean Léon Gérôme). 2s.  
 266 Christ healing the Sick (Feuerstein). 1s. 6d.  
 267 Christ healing the Sick (Thiersch). 1s. 6d.  
 268 Christ healing the Lame (Thiersch). 1s. 6d.  
 269 Christ sendeth forth His Disciples.  
 270 St. Peter (A. W. Schulgen).  
 271 St. Andrew (A. W. Schulgen).  
 272 St. James the Greater (A. W. Schulgen).  
 273 St. Philip (A. W. Schulgen).  
 274 St. Bartholomew (A. W. Schulgen).  
 275 St. Thomas (A. W. Schulgen).  
 276 St. James the Less (A. W. Schulgen).  
 277 St. Thaddeus (A. W. Schulgen).  
 278 St. Simon (A. W. Schulgen).  
 279 St. John (Domenichino).  
 280 St. Matthew.  
 281 The only true likeness of our Saviour, taken from one cut on an emerald by command of Tiberius Cæsar, and given from the Treasury of Constantinople by the Emperor for the Turks to Pope Innocent VIII. for the redemption of his brother, then a captive of the Christians (H. Dawe).  
 282 The Mission of the Apostles (Joseph Aubert). 2s.  
 283 The Mission of the Twelve (Dixon).  
 284 Christ sending forth His Disciples (Twidle).  
 285 The Saviour of the World (S. van Holst).  
 286 Head of Christ (P. de la Roche).  
 287 Christ preaching to the Multitude (Doré).  
 288 Christ healing the Blind.  
 289 Christ healing the Blind (Duccio di Buoninsegna).  
 290 Christ restoring the Blind (Luigi Caracci).  
 291 Christ healing the Lame Man.  
 292 Christ healing on the Sabbath Day.  
 293 The Enemy sowing Tares.  
 294 The City of Bethsaida (Site).  
 295 Statue of Christ.  
 296 Christus Remunerator (Ary Scheffer).  
 297 "Come unto Me" (Dubufe).  
 298 "Come unto Me" (Zimmermann). 1s. 6d.  
 299 Christ the Consoler (Zimmermann). 1s. 6d.  
 300 Christ the Comforter (A. Schæffer).  
 301 Christ teaching the Multitude. "Come unto Me."  
 302 Christ blessing.  
 303 City of Tiberias.  
 304 Christ walking on the Sea of Tiberias (R. Scott Lauder).  
 305 Christ walking on the Sea (Dixon).  
 306 Peter begins to Sink. "Lord, save me" (Dixon).  
 307 Peter begins to sink. "Lord, save me."  
 308 Peter's want of Faith (Lodovico Gigli).  
 309 Christ walking on the Sea.  
 310 Christ on His Way to Jerusalem (Mengelberg). 1s. 6d.  
 311 Christ at the Pool of Bethesda.  
 312 The Pool of Bethesda (Edwin Long, R.A.). 1s. 6d.  
 313 Remains of the Pool of Bethesda.  
 314 Christ giving Sight to the Man born blind.  
 315 The Woman taken in Adultery.  
 316 Christ and the Woman taken in Adultery (B. Ploekhurst).  
 317 The Woman taken in Adultery (Rembrandt).  
 318 Christ delivers the Woman taken in Adultery (Emile Signet).  
 319 The Adulteress (Musson). 2s.  
 320 The Woman taken in Adultery (Anderson). 2s.  
 321 The Woman brought before Christ (Anderson). 2s.  
 322 The Woman brought before Christ, Christ writing on the Ground (Anderson). 2s.  
 323 The Woman brought before Christ. "Go, and sin no more" (Anderson). 2s.  
 324 Magdalene Repentant (Tillier). 2s.  
 325 Mount Tabor.  
 326 The Transfiguration (Raphael).  
 327 The Transfiguration (upper portion only) (Raphael).  
 328 Christ and His Disciples Peter and John (Ch. Landelle).  
 329 The Light of the World (Holman Hunt).  
 330 Head of Christ (Max). 1s. 6d.  
 331 Head of our Saviour (Schmitt). 1s. 6d.  
 332 The Parable of the Good Samaritan (Ploekhurst).  
 333 The Good Samaritan.  
 334 The Parable of the Good Samaritan.  
 335 The Good Samaritan (Jacopo da Ponte).  
 336 The Good Samaritan (Morot). 2s.  
 337 The Pharisee and the Publican praying in the Temple.  
 338 The Parable of the Lost Piece of Silver (Sir J. E. Millais).  
 339 The Lost Piece of Money.  
 340 The Prodigal's Return and Reception (Spada).  
 341 The Prodigal's Reception.  
 342 The Prodigal Son (Nordenberg). 1s. 6d.  
 343 The Prodigal Son (Domenico Morelli). 2s.  
 344 The Return of the Prodigal Son (Gleyre). 2s.  
 345 The Return of the Prodigal Son (Joseph Auffer). 2s.  
 346 The Parable of the Lost Sheep.  
 347 The Parable of the Lost Sheep.  
 348 The Lost Sheep (Sword). 2s. 6d.  
 349 The Parable of the Good Shepherd (Murillo).  
 350 The Parable of the Good Shepherd (J. Kehren).

## THE LIFE OF CHRIST—Continued.

- 351 The Parable of the Good Shepherd (W. C. T. Dobson).  
 352 The Parable of the Good Shepherd (A. Melville).  
 353 The Door of the Fold (Sybil Parker). 1s. 6d.  
 354 The Good Shepherd (Sybil Parker). 1s. 6d.  
 355 Christ the Good Shepherd (Dietrich).  
 356 The Good Shepherd carrying a Lamb on His Shoulder (Walch). 1s. 6d.  
 357 Christ the Good Shepherd carrying the Lamb in His Arms.  
 358 Christ teaching His Disciples to Pray (Dixon).  
 359 Thou art Peter (Gloetide). 1s. 6d.  
 360 "Thou art the Christ" (Dixon).  
 361 Christ sending forth the Seventy (Dixon).  
 362 The Mission of the Disciples. The Seventy sent forth (Joseph Aubert). 2s.  
 363 The Dream. A Disciple (Bouguereau). 2s.  
 364 Christ walking with His Disciples in the Cornfield on the Sabbath.  
 365 The Rich Man's Feast.  
 366 "Thou fool! this night thy soul shall be required of thee" (Grützer). 1s. 6d.  
 367 "Where are the Nine?" (Dixon).  
 368 Bethany.  
 369 Christ in the House of Martha and Mary (Velasquez).  
 370 At the House of Martha and Mary (A. Scheffer).  
 371 The Home at Bethany (Coypell).  
 372 Christ's Visit to Mary and Martha (Eichstaedt). 1s. 6d.  
 373 Christ with Martha and Mary (Siemiradzki). 1s. 6d.  
 374 Christ at the house of Martha and Mary.  
 375 Christ at the House of Martha and Mary (A. Twidle).  
 376 Christ raiseth Lazarus (J.J.B. Constant). 2s.  
 377 The Raising of Lazarus. "Take ye away the stone."  
 378 The Raising of Lazarus. "Lazarus, come forth."  
 379 The Raising of Lazarus (Bida).  
 380 The Raising of Lazarus.  
 381 The Raising of Lazarus (W. Hilton).  
 382 The Raising of Lazarus (M. A. Buonarrotti).  
 383 The House of the Rich Man.  
 384 The Rich Young Man (H. le Jeune).  
 385 The Unmerciful Servant.  
 386 The Unmerciful Servant brought before his Lord.  
 387 Christ and the Holy Women (Goiz). 1s. 6d.  
 388 The Parable of the Leaven. The woman putting the leaven into the meal.  
 389 The Treasure hid in a Field.  
 390 The Dresser of the Vineyard pleading for the barren Fig Tree.  
 391 The Unjust Steward reducing the Bills of his Lord's Debtors.  
 392 Christ teacheth Humility (R. S. Lauder).  
 393 Christ blessing a Child (B. West).  
 394 Christ and a little Child (A. Scheffer).  
 395 Christ blessing little Children.  
 396 Christ blessing little Children (Eastlake).  
 397 Christ blessing little Children (Marshall Claxton).  
 398 Christ blessing little Children (B. West).  
 399 Christ blessing little Children (Henry le Jeune).  
 400 Christ blessing little Children (Serra). 1s. 6d.  
 401 Christ blessing little Children (Schmid). 1s. 6d.  
 402 Christ blessing little Children (Ebersberger). 1s. 6d.  
 403 Christ the Children's Friend (Schwenk). 1s. 6d.  
 404 Christ blessing little Children (Juliaan de Vriendt). 2s.  
 405 Christ blessing little Children.  
 406 Christ receiving the Children (Thumann).  
 407 "Suffer little children to come unto Me" (Roederstein). 2s.  
 408 Love Divine (R. Blind). 1s. 6d.  
 409 The Wise and Foolish Virgins (J. E. Lauder).  
 410 The Wise and Foolish Virgins.  
 411 The Wise and Foolish Virgins.  
 412 The Parable of the Ten Virgins.  
 413 The Parable of the Wise and Foolish Virgins. The appearance of the Bridegroom.  
 414 The Wise and Foolish Virgins (Fugel). 1s. 6d.  
 415 The Parable of the Ten Virgins. The Closed Door.  
 416 The Parable of the Labourers in the Vineyard.  
 417 The Householder hiring Labourers.  
 418 The Householder paying Labourers.  
 419 The Merchant buying the Pearl of great price.  
 420 The Destruction of Jerusalem by the Romans under the Command of Titus. A.D. 70. (David Roberts).  
 421 Jerusalem in her Fall, as now viewed from the Mount of Olives (David Roberts).  
 422 The Destruction of Jerusalem (E. Lambert).  
 423 Jerusalem, showing the Temple as in the time of our Lord.  
 424 Our Lord healing the Sick and the Lame in the Temple (Dixon).  
 425 Our Lord healing the Sick in the Temple (B. West).  
 426 The Widow's Mite (A. Lelvir).  
 427 The Spiritual Mission (Von Koopmann).  
 428 Christ in Retirement at Bethany with His Disciples.  
 429 The Magdalene (G. Reni).  
 430 Magdalene Repentant.  
 431 Mary Magdalene anointing the feet of Christ at the house of Simon.  
 432 Mary Magdalene at the house of Simon (Rubens).  
 433 Mary washes and anoints Christ's Feet (Dixon).  
 434 "The poor ye have always with you, but Me ye have not always" (Paul Veronese).  
 435 The Outcast of the People (R. Herbert).  
 436 Washing the Feet of Christ (Nordenberg). 1s. 6d.  
 437 Mary Magdalene (Francis B. Dicksee, R.A.). 2s.  
 438 Christ leaving Bethany (Dixon).  
 439 The Tribute Money (Titian).  
 440 The Tribute Money (J. Copley).  
 441 The Tribute Money (C. W. Dutney).  
 442 The Tribute Money (Dixon).  
 443 The Husbandman telling his two Sons to work in the Vineyard.  
 444 The Parable of the wicked Husbandmen.  
 445 The Vineyard let out to Husbandmen. Arrival of the Heir.  
 446 The Heir to the Vineyard (Dixon).  
 447 The Marriage Supper. The man without a wedding garment.  
 448 The Parable of the Talents. "Well done, good and faithful servant" (Dixon).  
 449 The Parable of the Unprofitable Servant (Dixon).  
 450 The Servant bringing his Talent wrapped in a Napkin.  
 451 The Shepherd dividing his Sheep from the Goats.  
 452 Crucifix. Introductory Slide to the Passion with Motto.  
 453 Crucifix. Introductory Slide to the Passion.  
 454 Crucifix.  
 455 Cross with Passion Flowers.  
 456 Road from Bethany to Jerusalem.  
 457 "And beholding the City He wept over it" (Dixon).  
 458 Jerusalem from the Mount of Olives.  
 459 The Entry into Jerusalem (Dabufe).  
 460 The Entry into Jerusalem.  
 461 The Entry into Jerusalem.  
 462 The Entry into Jerusalem.  
 463 Christ riding into Jerusalem (Arthur Kampf). 2s.  
 464 The Pharisees complaining of the Children's Hosannas (Dixon).  
 465 The Pharisees complaining of the Children's Hosannas.



## THE LIFE OF CHRIST—Continued.

- 466 "If thou hadst known!" (F. Holl). 2s. 6d.  
 467 Christ weeping over Jerusalem (Eastlake).  
 468 Jesus predicts the Destruction of Jerusalem.  
 469 "O Jerusalem, Jerusalem." Christ's Lament (Dixon).  
 470 Christ in the Temple. The Chief Priests ask, "By what authority doest Thou these things?" (Dixon).  
 471 The Lawyer's Question tempting Christ (Dixon).  
 472 "Woe unto you, Scribes and Pharisees" (Dixon).  
 473 The Barren Fig Tree (Dixon).  
 474 The Evil Counsel of Caiaphas (Dixon).  
 475 The Gentiles ask to see Jesus (Dixon).  
 476 Judas tempted by the Priests (Prall). 1s. 6d.  
 477 Judas selling Christ (Dixon).  
 478 Peter said unto Him, "Although all shall be offended yet will not I" (Dixon).  
 479 Our Lord with Peter and John on the way to the Supper Room (Dixon).  
 480 The Last Supper (L. da Vinci).  
 481 The Last Supper. (Apostles reclining).  
 482 The Last Supper. (Apostles reclining).  
 483 The Last Supper (Gebhardt).  
 484 The Last Supper (E. de Roberti).  
 485 The Last Supper.  
 486 "Take, eat, this is My Body" (Heinrich von Hess).  
 487 Our Redeemer (Carlo Dolci).  
 488 The Last Supper.  
 489 Christ with the Eleven after Supper.  
 490 The Last Supper.  
 491 The Last Supper (Rex). 1s. 6d.  
 492 The Last Supper (Feuerstein). 1s. 6d.  
 493 The Last Supper (Baumeister). 1s. 6d.  
 494 The Last Supper (Bernatz). 1s. 6d.  
 495 The Last Supper (Uhlde). 1s. 6d.  
 496 The Last Supper (Philip de Champaigne). 2s.  
 497 The Lord's Supper (Joseph Aubert). 2s.  
 498 The First Communion. "This is My Body" (Doulillard). 2s.  
 499 Christ blessing the Bread (Muller) 1s. 6d.  
 500 The Holy Supper (Jean Léon Gérôme). 2s.  
 501 Christ washes the Disciples' Feet (Mariano).  
 502 Christ washing the Disciples' Feet (Dixon).  
 503 Christ washing Peter's Feet (Ford Madox Brown).  
 504 Christ washeth the Disciples' Feet (Albert Edelfeld). 2s.  
 505 "One of you shall betray Me" (Zimmermann). 1s. 6d.  
 506 The True Vine (A. Melville).  
 507 Judas leaveth the Supper Room (Dixon).  
 508 The Mount of Olives (Night scene).  
 509 The Garden of Gethsemane.  
 510 Christ in the Garden of Olives (Ary Scheffer).  
 511 The Agony in the Garden of Gethsemane (H. le Jeune).  
 512 The Agony in the Garden of Gethsemane (Hofmann).  
 513 Christ in Gethsemane (Noack). 1s. 6d.  
 514 Christ in Gethsemane. "Thy will be done" (Heufe). 1s. 6d.  
 515 Christ in Gethsemane. The Agony (Liska). 1s. 6d.  
 516 Christ in Gethsemane (Thiersch). 1s. 6d.  
 517 Gethsemane. Ministering Angel (Doré).  
 518 Gethsemane. Ministering Angel with cup (Dixon).  
 519 Christ in the Garden of Olives (Joseph Auer). 2s.  
 520 Gethsemane. Head of Christ (Suffer). 2s.  
 521 Christ in Gethsemane. "Thy will be done" (Meyer). 1s. 6d.  
 522 Christ in the Garden.  
 523 Jesus in the Garden (J. J. B. Constant). 2s.  
 524 Christ comes back to the Disciples (Sir Noel Paton).  
 525 Christ comes back to the Disciples (Cuthbert). 1s. 6d.  
 526 Old Trees in Gethsemane.  
 527 The Approach of Judas with the Multitude (Dixon).  
 528 Christ betrayed by Judas (Doré).  
 529 The Kiss of Judas (Kenz Meyer) 1s. 6d.  
 530 The Kiss of Judas (A. Scheffer).  
 531 The Kiss of Judas (Fr. Gonne).  
 532 The Kiss of Judas (Geiger). 1s. 6d.  
 533 The Betrayal. "They fell backward" (Louthembourg).  
 534 The Betrayal. "I am He" (Dixon).  
 535 The Vision of Judas (Alexander Thomas).  
 536 Peter and John follow afar off (Dixon).  
 537 Annas sends Christ to Caiaphas (Dixon).  
 538 Christ before Caiaphas (Dixon).  
 539 The Remorse of Judas (E. Armitage).  
 540 Judas repents and returns the Money (Dixon).  
 541 Christ before the Sanhedrin (Dixon).  
 542 Christ decided. "Prophecy who smote Thee" (Dixon).  
 543 Peter's First Denial.  
 544 Peter's First Denial (Dixon).  
 545 Peter's Second Denial (Dixon).  
 546 Peter's Third Denial (Dixon).  
 547 Peter's Third Denial (Dixon).  
 548 Peter's Denial. "The Lord turned" (Dixon).  
 549 Peter's Denial. "The Lord turned" (Dixon).  
 550 Peter's Denial. "The Lord turned" (Graf Harrach).  
 551 Peter's Denial. "The Lord turned" (Die-trich).  
 552 Peter's Denial. "Went out and wept bitterly."  
 553 Pilate's House.  
 554 Christ before Pilate the first time (Dixon).  
 555 Christ before Pilate the first time (Munkacsy). 1s. 6d.  
 556 Christ before Pilate the first time (central fig.) (Munkacsy). 1s. 6d.  
 557 Soldiers bring Christ to Pilate (Dixon).  
 558 Priests accuse Christ to Pilate (Dixon).  
 559 Christ before Herod (Dixon).  
 560 Herod mocketh Jesus (D. Morelli). 2s.  
 561 Pilate's Wife relates her Dream (Doré).  
 562 Arch of Ecce Homo.  
 563 Pilate's Wife's Dream (Dixon).  
 564 Street showing side of Pilate's House (Dixon).  
 565 Christ and Pilate, Pilate's Indecision (Dixon).  
 566 Pilate returns to the Priests.  
 567 Pilate and the Chief Priests (Dixon).  
 568 Christ presented to the People (Dixon).  
 569 Christ. "Behold the Man!" (Ary Scheffer). 2s.  
 570 Vox Populi. The World's Choice.  
 571 Barabbas given over to the People (Dixon).  
 572 "Crucify Him, Crucify Him" (Dixon).  
 573 "His blood be on us and on our children" (R. Smirke).  
 574 Pilate and the People (Dixon).  
 575 Christ Scourged (Dixon).  
 576 Christ at the Column (Velasquez).  
 577 Christ crowned with Thorns (Vandyke).  
 578 Christ Scourged (P. Puvis de Chavannes). 2s.  
 579 Christ Decided (Dixon).  
 580 "Hail, King of the Jews!" (Ferrier). 2s.  
 581 The Crowning with Thorns (Le Titian).  
 582 Christ at the Column (Baumeister). 1s. 6d.  
 583 Christ at the Column (Faubert). 2s.  
 584 The Man of Sorrows (Burnand). 2s.  
 585 Ecce Homo! (G. Reni).  
 586 Ecce Homo! (G. B. Cima).  
 587 Ecce Homo! (Correggio).  
 588 Christ crowned with Thorns (Beraud). 2s.  
 589 Ecce Homo! (Aublet). 2s.  
 590 Our Lord led from the Judgment Hall (Dixon).  
 591 Christ leaving the Prætorium (Doré).  
 592 Christ bearing His Cross starting for Calvary (Dixon).  
 593 The Via Dolorosa.  
 594 The Cross-Bearer. Christ falling under the Cross (Feldmann). 1s. 6d.  
 595 The Path of Thorns. On the Way to Calvary (Burnand). 2s.  
 596 Christ Bearing the Cross (H. J. Sinkel).  
 597 "He beareth all our iniquities."  
 598 Christ bearing His Cross falls under the weight.  
 599 Christ led to Crucifixion.  
 600 Christ carrying the Cross (Charles le Brun). 2s.

THE LIFE OF CHRIST—*Continued.*

- 601 Christ carrying the Cross falls under the weight.
- 602 Christ carrying the Cross (Disceur). 2s.
- 603 Christ carrying the Cross (Raphael).
- 604 Christ carrying the Cross.
- 605 Christ carrying the Cross.
- 606 Christ meeting His Mother (Bouguereau). 2s.
- 607 Simon the Cyrenian bearing the Cross (Dixon).
- 608 La Santa Faz. The Holy Face. (Murillo). 2s.
- 609 A Hill outside the City of Jerusalem.
- 610 Christ at Calvary (Jose Echeña).
- 611 Our Lord stripped of His Raiment at the Cross (Dixon).
- 612 Soldiers awaiting the Priests at the Cross (Dixon).
- 613 Priests and Centurion, the Inscription on the Cross (Dixon).
- 614 The Title on the Cross.
- 615 Raising the Cross (Reni).
- 616 Ecce Homo! The Head of Christ (Dixon).
- 617 The Crucifixion (single figure) (Guido Reni).
- 618 The Crucifixion (Guido Reni).
- 619 The Crucifixion (A. Dürer).
- 620 The Crucifixion (Rubens).
- 621 The Crucifixion (Laverstein).
- 622 The Crucifixion (Dixon).
- 623 The Crucifixion. II Christo (Michael Angelo).
- 624 The Crucifixion. The Dying Christ (A. Caracci).
- 625 The Crucifixion (Baumeister). 1s. 6d.
- 626 The Crucifixion (Benz). 1s. 6d.
- 627 The Crucifixion (Halbig). 1s. 6d.
- 628 The Crucifixion (Furst). 1s. 6d.
- 629 The Crucifixion. Christ on the Cross (Delacroix). 2s.
- 630 The Martyrdom of Jesus of Nazareth (Morot). 2s.
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- 654 The Crucifixion. The Crowd (H. C. Selous).
- 655 The Crucifixion. Soldiers casting Lots at the Foot of the Cross (Dixon).
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- 685 Taken down from the Cross (Dixon).
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- 687 The Descent from the Cross (Rubens).
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- 693 Mary receives the Body of Christ (Joseph Aubert). 2s.
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- 702 Christ carried to the Tomb (Piglmel). 1s. 6d.
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- 708 The Entombment.
- 709 The Entombment (Caravage).
- 710 The Virgin and Two Angels weeping over the dead body of Christ (Raibolini).
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- 713 Christ mourned by the Holy Women (Sourel). 2s.
- 714 The Three Maries (Annibale Caracci).
- 715 The Holy Women at the Tomb of Christ (A. Scheffer).
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## THE LIFE OF CHRIST—Continued.

- 717 Christ in the Sepulchre. Angels watching (Guercino).  
 718 The Sepulchre.  
 719 Interior of Tomb lately discovered in a garden alight to the place where our Lord was crucified.  
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 733 Good Friday. The Virgin faints (P. De la Roche).  
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 735 Soldiers watching the Tomb (Dixon).  
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 748 The Women going to the Sepulchre (C. S. Dixon).  
 749 The Holy Women going to the Sepulchre (A. Scheffer).  
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 752 The Resurrection. The Women at the Tomb (Bonguerneau). 2s.  
 753 The Resurrection. The Women at the Tomb (Penrose). 1s. 6d.  
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 755 Peter and John running to the Sepulchre (Burnand). 2s.  
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 759 Christ and Mary Magdalene (Juliana de Vriendt). 2s.  
 760 Christ and Mary Magdalene.  
 761 Christ and Mary Magdalene (Collins). 1s. 6d.  
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 764 Christ appearing to Simon Peter after His Resurrection (R. Maluta). 1s. 6d.  
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 772 The Supper at Emmaus (Muller).  
 773 The Supper at Emmaus (Rud. Eichstädt). 1s. 6d.  
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 776 "Peace be unto you" (Kusthardt). 1s. 6d.  
 777 The Incredulity of Thomas (Chev. Adrian van der Werff).  
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 788 The Apostolic Commission. "So send I you" (A. Twidle).  
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 800 Peter and John healing the Lame Man at the Beautiful Gate of the Temple (Dixon).  
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 830 The Vision of St. John.  
 831 St. Michael and the Angel fighting with the Dragon (Bernardinus Noeck).  
 832 The Angel with the Book.  
 833 The Opening of the Sixth Seal (Danby).  
 834 The Last Trump (Dixon).  
 835 The Last Judgment.  
 836 St. John the Divine being shown the New Jerusalem.  
 837 The Holy Trinity (Rubens).  
 838 Christ enthroned (Sir Wm. Richmond).

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**E F TISSOT'S LIFE OF OUR LORD JESUS CHRIST.**

From paintings by J. James Tissot.

This series of lantern slides is photographed by permission of Messrs. Lemer cier and Co., of Paris, from the original water-colour drawings by Mons. J. James Tissot, exhibited at the Doré Gallery. This set has one great advantage, that all the pictures being the work of one artist, the same character is maintained throughout, thus forming a very good consecutive series. The colouring has been accurately copied from the original paintings.

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- 5 Betrothal of the Holy Virgin and St. Joseph
- 6 The Holy Virgin in her youth
- 7 The Annunciation
- 8 The Visitation
- 9 The Magnificat
- 10 Joseph's anxiety
- 11 S. Joseph
- 12 Vision of S. Joseph
- 13 Joseph seeks a lodging in Bethlehem
- 14 Birth of our Lord Jesus Christ
- 15 The Angel and the Shepherds
- 16 The Adoration of the Shepherds
- 17 The Presentation of Christ in the Temple
- 18 Simeon
- 19 Anna
- 20 The Wise Men journeying to Bethlehem
- 21 The Wise Men and Herod
- 22 Adoration of the Wise Men
- 23 Massacre of the Innocents
- 24 The Flight into Egypt
- 25 The sojourn in Egypt
- 26 St. John the Baptist as a child in the desert
- 27 The return from Egypt
- 28 Jesus and His Mother at the well
- 29 Jesus left behind at Jerusalem, "And they sought Him amongst their kinsfolk and acquaintance"
- 30 Jesus sitting in the midst of the Doctors
- 31 Jesus found in the Temple
- 32 The youth of Jesus
- 33 "Where two or three are gathered together in My Name, there am I in the midst of them." S. Matthew xviii. 20
- 34 The voice crying in the wilderness
- 35 The axe laid to the root of the tree. S. Matthew iii. 10
- 36 The Winnower. S. Matt. iii. 12
- 37 John the Baptist and the Pharisees
- 38 S. John the Baptist sees Jesus from afar
- 39 The Baptism of Jesus Christ
- 40 Christ taken up into a high mountain
- 41 The Temptation in the wilderness
- 42 Christ set on a pinnacle of the Temple
- 43 S. John
- 44 Angels came and ministered unto Him
- 45 The calling of S. Peter and S. Andrew
- 46 S. Andrew
- 47 The calling of S. Andrew and S. John
- 48 The calling of S. James and S. John
- 49 Nathanael under the fig tree
- 50 S. Bartholomew
- 51 The betrothal of Cana
- 52 The Marriage in Cana of Galilee
- 53 Jesus goes up to Jerusalem
- 54 Interview between Christ and Nicodemus
- 55 Nicodemus
- 56 The disciples of Jesus baptizing
- 57 The Man with an infirmity of thirty-eight years
- 58 The Pool of Bethesda. S. John v. 6
- 59 The Woman of Samaria at the well
- 60 S. Philip
- 61 Jesus unrolls the Book in the Synagogue
- 62 And they led Him unto the brow of the hill. S. Luke iv. 29
- 63 The hidden treasure. S. Matt. xiii. 44
- 64 The Man at the Plough. S. Luke ix. 69
- 65 The man with an unclean spirit in the synagogue
- 66 Healing of Peter's mother-in-law
- 67 S. Simon
- 68 "And all the city was gathered together at the door." S. Mark i. 33
- 69 "Thou fool, this night thy soul shall be required of thee"
- 70 "Jesus went out into a desert place"
- 71 Jesus teaching in the Synagogue
- 72 The barren fig-tree. S. Luke xiii. 6
- 73 S. Paul
- 74 The healing of the ruler's son
- 75 Jesus preaching in a ship
- 76 S. James the Greater

## TISSOT'S LIFE OF OUR LORD JESUS CHRIST—Continued.

- 77 The first miraculous draught of fishes  
 78 Jesus healing the lame and the blind on the mountain  
 79 The healing of the lepers at Capernaum  
 80 Jesus teaching the people by the sea shore  
 81 The calling of S. Matthew  
 82 S. Matthew  
 83 The lost piece of silver. S. Luke xv. 8  
 84 Christ eating in the house of S. Matthew  
 85 Christ healing the withered hand  
 86 The enemy sowing the tares. S. Matt. xlii. 34  
 87 The Pharisees and Herodians take counsel against Jesus  
 88 The ordaining of the Twelve Apostles  
 89 The two women at the mill. S. Matt. xxiv. 41  
 90 "When ye came into an house, salute it"  
 91 Christ asleep during the storm  
 92 Christ stilling the tempest  
 93 In the villages the sick were brought unto Him  
 94 "My name is Legion"  
 95 The two men possessed of unclean spirits  
 96 The Good Shepherd. S. John x. 2  
 97 The swine driven into the sea  
 98 The raising of Jairus' daughter  
 99 Jesus preaching by the seaside  
 100 Christ healing the blind and dumb man possessed of a devil  
 101 Healing of the woman with an issue of blood  
 102 "Lord, I am not worthy." Matt. viii. 8  
 103 The man possessed of a devil in the synagogue  
 104 S. Mark  
 105 Raising of the widow's son at Nain  
 106 The disciples pluck corn on the Sabbath  
 107 Healing of the Cansanian's daughter  
 108 They brought unto Him all that were diseased  
 109 The Sower. S. Matt. xiii. 3  
 110 A woman anointeth the feet of Jesus  
 111 Christ commanding His disciples to rest  
 112 The blind leading the blind  
 113 The palsied man let down through the roof  
 114 The Sermon on the Mount  
 115 He laid His hands upon a few sick folk  
 116 Two blind men healed at Capernaum  
 117 Lazarus at the rich man's door. S. Luke xvi. 20  
 118 The dumb man possessed of a devil healed at Capernaum  
 119 Christ's exhortation to the Twelve Apostles  
 120 Herod  
 121 The daughter of Herodias dancing  
 122 The head of St. John the Baptist  
 123 St. Thaddeus, or St. Jude  
 124 The miracle of the loaves and fishes  
 125 The people seek Christ to make Him King  
 126 The rich man in Hell. S. Luke xvi. 23  
 127 Christ going out alone into a mountain to pray  
 128 Christ walking on the sea  
 129 The Son of the Master of the vineyard  
 130 S. Peter walks on the sea  
 131 "Ye seek Me, not because ye saw the miracles, but because ye did eat of the loaves." S. John vi. 26  
 132 Christ reproving the Pharisees  
 133 The Pharisees and Sadducees come to tempt Jesus  
 134 The healing of the crooked woman  
 135 The Transfiguration  
 136 The demoniac boy at the foot of Mount Tabor  
 137 Christ sending out the seventy disciples two by two  
 138 Peter's confession of Christ's divinity  
 139 "The first shall be last"  
 140 Jesus and the little child  
 141 Jesus on His way to Galilee  
 142 "Get thee behind me, Satan"  
 143 Mary Magdalene before her conversion  
 144 Mary Magdalene repentant  
 145 The Scribe standing up and tempting Jesus  
 146 Jesus passing through the villages on His way to Jerusalem  
 147 Zacharias killed between the Temple  
 148 The rich young man went away sorrowful  
 149 A Woman in the crowd crying out  
 150 The healing of the ten lepers  
 151 Christ at Bethany in the house of Martha

- 152 Martha  
 153 Mary Magdalene at the feet of Jesus  
 154 Christ discoursing with His disciples  
 155 The Tower of Siloam  
 156 "Pater Noster." The Lord's Prayer  
 157 But no man laid hands upon Him  
 158 The woman taken in adultery. Christ writing upon the ground  
 159 "And Jesus was left alone, and the woman standing in the midst"  
 160 Christ preaching near the Treasury  
 161 "He that is of God heareth God's Word"  
 162 The blind man washes in the pool of Siloam  
 163 The blind man tells his story to the Jews  
 164 The Good Samaritan. S. Luke x. 30  
 165 Then took they up stones to cast at Him  
 166 Jesus walking in Solomon's Porch  
 167 The Pharisee and the Publican. S. Luke xviii. 10  
 168 The wise virgins. S. Matt. xxv. 1  
 169 The foolish virgins  
 170 "Jesus wept"  
 171 The raising of Lazarus  
 172 Lazarus  
 173 The prodigal son  
 174 The return of the prodigal son  
 175 "He went into a city called Ephraim"  
 176 The evil counsel of Caiaphas  
 177 "Suffer little children to come unto Me"  
 178 Zacchaeus in the sycamore tree  
 179 The healing of two blind men at Jericho

## HOLY WEEK.

## Palm Sunday.

- 180 "Then sent Jesus two disciples, saying unto them, 'Go into the village over against you and straightway ye shall find an ass tied and a colt with her; loose them and bring them unto Me.'" S. Matt. xxi. 1-2  
 181 The descent from the Mount of Olives  
 182 "And beholding the city, He wept over it"  
 183 The procession in the streets of Jerusalem  
 184 The multitude that followed Jesus in the Temple

## Monday.

- 185 The chief priests take counsel together  
 186 The accursed Fig-tree  
 187 Christ driving out them that sold and bought from the Temple  
 188 Jesus forbids the carrying of vessels through the Temple  
 189 The healing of the lame in the Temple  
 190 Jesus goes out to Bethany in the evening

## Tuesday.

- 191 The Gentiles ask to see Jesus. S. John xii. 20, 21  
 192 The Voice from Heaven  
 193 The Chief Priests ask, "By what authority doest Thou these things?"  
 194 The corner stone  
 195 The tribute money  
 196 The Pharisees question Jesus  
 197 "Woe unto you, Scribes and Pharisees"  
 198 "Jerusalem, Jerusalem"  
 199 The widow's mite  
 200 "Master, see what manner of stones and what buildings are here." S. Mark xiii. 1  
 201 Christ foretelling the destruction of the Temple  
 202 The alabaster box of very precious ointment

## Wednesday.

- 203 The Jews conspire together  
 204 Judas goes to the Chief Priests and sells his Master  
 205 Christ going to the Mount of Olives at night

## The Passion. Holy Thursday.

- 206 Jerusalem and the Temple of Herod in our Lord's time. From the East  
 207 The Temple of Herod in our Lord's time  
 208 The Man bearing a pitcher

TISSOT'S LIFE OF OUR LORD JESUS CHRIST—*Continued.*

- 209 The Jew's Passover  
 210 The Lord's Supper. Judas dipping his hand in the dish  
 211 Jesus washing the disciples' feet  
 212 The Communion of the Apostles  
 213 The departure of Judas  
 214 The last discourse of our Lord Jesus Christ  
 215 Our Lord Jesus Christ  
 216 "Philip, he that hath seen Me, hath seen the Father"  
 217 "But Peter said unto Him: Although all shall be offended, yet will not I"  
 218 S. Peter  
 219 "My Soul is exceeding sorrowful unto death"  
 220 "Could ye not watch with Me one hour?"  
 221 "Judas, and with him a great multitude with swords and staves"  
 222 "Hail, Master; and he kissed Him"  
 223 "They went backward and fell to the ground"  
 224 Peter smites off the ear of Malchus  
 225 Christ healing the ear of Malchus  
 226 The Brook of Kedron. "He shall drink of the brook in the way." Psalm cx. 7  
 227 "And they all forsook Him and fled"  
 228 S. Peter and S. John follow afar off  
 229 Jesus taken before Annas  
 230 The false witnesses before Caiaphas  
 231 The first denial of S. Peter  
 232 The second denial of S. Peter  
 233 Annas and Caiaphas  
 234 The High Priest rends his clothes. Jesus is condemned to death  
 235 Third denial of S. Peter  
 236 Christ buffeted and mocked in the house of Caiaphas  
 237 "The cock crew"  
 238 "Peter went out and wept bitterly"
- Good Friday.**
- 239 Jesus in prison  
 240 The morning judgment  
 241 Judas repents and returns the money  
 242 Judas hangs himself  
 243 The Apostles' hiding-place in the valley of Hinnom  
 244 Jesus led from Caiaphas to Pilate  
 245 Jesus for the first time before Pilate  
 246 Pilate  
 247 The message of Pilate's wife  
 247 Jesus before Herod  
 248 Jesus led back from Herod to Pilate  
 249 The scourging of the face  
 250 The scourging on the back  
 251 The crown of thorns  
 252 The scapegoat  
 253 "Ecce Homo"  
 254 Jesus for the second time before Pilate  
 255 Barabbas  
 256 "Let Him be crucified"  
 257 Pilate washes his hands  
 258 The Holy Stair  
 259 Christ leaves the Judgment Hall  
 260 The Forum, site of the Gabbatha. Jesus hears his death-sentence  
 261 The Gabbatha. Pilate pronounces judgment  
 262 The title of the Cross  
 263 "And they put on Him His own raiment"  
 264 Christ hearing His Cross  
 265 Jesus falls beneath the Cross  
 266 Jesus meets His mother  
 267 Simon the Cyrenian compelled to bear the Cross with Jesus  
 268 A woman wipes the face of Jesus  
 269 The Holy Face  
 270 The daughters of Jerusalem  
 271 Restoration of Calvary as seen from the walls of the Gate of Judgment  
 272 Calvary as seen from the walls of Herod's palace
- 273 The procession nearing Calvary  
 274 The holy women look on from afar  
 275 The disciples having left their hiding-place, watch from afar  
 276 Jesus is taken from the old Ciateron in which, according to an ancient tradition, He was imprisoned while awaiting the Crucifixion  
 277 Jesus stripped of His raiment  
 278 The wine mixed with myrrh  
 279 The first nail  
 280 Nailing of the Feet  
 281 The raising of the Cross  
 282 The wedging of the Cross  
 283 The pardoning of the penitent thief  
 284 And they parted His raiment and cast lots  
 285 "And sitting down they watched Him there"  
 286 What our Saviour saw from the Cross  
 287 "Sabbat Mater," "Woman, behold thy Son"  
 288 "Mater Dolorosa"  
 289 "Eloi, Eloi, Lama Sabachthani!"  
 290 "I Thirst." The vinegar given to Jesus  
 291 "It is finished"  
 292 The death of Jesus  
 293 The crowd leave Calvary, smiting their breasts  
 294 The Earthquake  
 295 The chasm in the rock beneath Calvary  
 296 Confession of the Centurion  
 297 The Centurion  
 298 Apparitions of the dead in the streets of Jerusalem  
 299 Breaking the Thieves' legs  
 300 The soul of the penitent thief  
 301 "One of the soldiers with a spear pierced His side"  
 302 Confession of St. Longin  
 303 Jesus alone on the Cross  
 304 Joseph of Arimathea begs the body of Jesus from Pilate  
 305 The descent from the Cross  
 306 The Virgin receives the body of Jesus  
 307 The body of Jesus carried to the anointing stone  
 308 The Virgin kisses the Face of Christ before it is wrapped in the winding sheet  
 309 Jesus carried to the Tomb  
 310 Jesus in the Tomb  
 311 The two Marys watch the Tomb  
 312 The Roman Guards at the Tomb
- Easter Sunday.**
- 313 The Resurrection  
 314 Mary Magdalene and the holy women at the Tomb  
 315 The Angel seated upon the stone of the Sepulchre  
 316 "They have taken away the Lord!"  
 317 St. Peter and St. John run to the Tomb  
 318 Mary Magdalene questions the angels in the tomb  
 319 Christ appears to Mary Magdalene  
 320 "Touch Me not"  
 321 Christ appears to Peter  
 322 Christ appears to the women
- Easter Monday and following days.**
- 323 The disciples on the road to Emmaus  
 324 "And He vanished out of their sight"  
 325 "He appeared to the eleven as they sat at meat"  
 326 The unbelief of S. Thomas  
 327 Christ appears on the borders of the Sea of Tiberias  
 328 St. Peter casts himself into the sea  
 329 The second miraculous draught of fishes  
 330 Christ eating with His disciples  
 331 "Feed My Lambs"  
 332 The Ascension as seen from the Mount of Olives  
 333 The Ascension as seen from below

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- 11 The Sermon on The Mount.
- 12 Prayer.
- 13 Alms.
- 14 The Centurion.
- 15 The Calling of St. Matthew.
- 16 The Giving of Sight to the Blind Men.
- 17 Peace be to this House.
- 18 John the Baptist in Prison.
- 19 The Mother and the Brethren of Jesus.
- 20 Jesus Seated by the Seaside.
- 21 Beheading of St. John the Baptist.

- 22 The Lord Jesus and St. Peter on the Sea.
- 23 The Woman of Canaan.
- 24 Jesus gives Peter His Charge.
- 25 The Transfiguration.
- 26 Jesus and a Child.
- 27 "Of such is the Kingdom of Heaven."
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- 30 Jesus Curseth the Fig Tree.
- 31 Caesar's Penny.
- 32 The Scribes and Pharisees.
- 33 Christ Foretelleth the Destruction of the Temple.
- 34 The Wise and the Foolish Virgins.
- 35 The Last Supper.
- 36 Peter's Denial.
- 37 Peter's Repentance.
- 38 Jesus Delivered to the Soldiers.
- 39 Joseph of Arimathea.
- 40 Mary Magdalene and the other Mary.
- 41 Jesus Appears to the Women.

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- 43 St. Mark.
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- 45 Jesus Eateth with Publicans and Sinners.
- 46 Jesus and His Disciples in the Cornfield.
- 47 Council of the Pharisees and Herodians.
- 48 Jesus Teacheth in a Ship.
- 49 Jesus Healeth a Woman.
- 50 Jesus Raiseth a Young Child from Death.
- 51 Herodias and the Head of John the Baptist.
- 52 Jesus Healeth the Deaf Man.
- 53 Jesus Leadeth the Blind Man.
- 54 Jesus and His Disciples on the Road to Caesarea.

- 55 Jesus Healeth the Possessed Child.
- 56 The Rich Young Man.
- 57 Jesus Converseth with the Doctors.
- 58 The Widow's Mite.
- 59 Jesus on the Mount of Olives.
- 60 Judas before the Sanhedrim.
- 61 Jesus and the Sleeping Disciples.
- 62 Jesus Nailed to the Cross.
- 63 Jesus Laid in the Sepulchre.
- 64 The Women bring Sweet Spices to the Sepulchre.
- 65 An Angel Appears to the Women.

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- 73 Jesus in the Synagogue.
- 74 Jesus Thrust out of Nazareth.
- 75 Christ Healeth the Man Afflicted with Palsy.
- 76 Christ Healeth the Man with the Withered Hand.
- 77 Christ Raiseth the Widow's Son.
- 78 Magdalen at the Feet of Jesus.
- 79 Parable of the Sower.
- 80 Jesus Asleep during the Tempest.
- 81 The Miracle of the Loaves and Fishes.
- 82 The Good Samaritan. "Went to him."
- 83 The Good Samaritan. "Brought him to an Inn."
- 84 Jesus at the House of Martha and Mary.
- 85 Jesus in Prayer.

- 86 A Woman Glorifieth Jesus.
- 87 Consider the Lilies how they Grow.
- 88 Christ Healeth the Infirm Woman.
- 89 Christ Healeth the Man Afflicted with Dropsy.
- 90 Departure of the Prodigal Son.
- 91 The Prodigal Son.
- 92 Lazarus and the Rich Man.
- 93 The Ten Lepers.
- 94 The Destruction of Sodom.
- 95 The Pharisee and the Publican.
- 96 Jesus Weepeth over Jerusalem.
- 97 Jesus and the Scribes and Elders.
- 98 Jesus Praying.
- 99 Jesus on the Mount of Olives.
- 100 The Treachery of Judas.
- 101 The Daughters of Jerusalem.
- 102 The Centurion.
- 103 Jesus and the Disciples at Emmaus.
- 104 Jesus Appears to the Disciples.
- 105 The Child Jesus and His Mother.

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- 106 Introductory.
- 107 Saint John.
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- 109 Jesus Driving the Money-changers out of the Temple.
- 110 Nicodemus Coming to Jesus.
- 111 The Woman of Samaria.
- 112 The Impotent Man at the Pool of Bethesda.
- 113 Jesus Walking on the Sea.
- 114 The Officers of the Chief Priests.
- 115 The Woman taken in Adultery.
- 116 The Man Blind from his Birth.
- 117 The Good Shepherd.
- 118 "Lazarus, Come Forth!"

- 119 Jesus Entering Jerusalem.
- 120 Jesus Washing the Disciples' Feet.
- 121 The Way, The Truth, and The Life.
- 122 "Love one another."
- 123 A Man Born into the World.
- 124 Jesus Praying in the midst of His Disciples.
- 125 Judas Betraying Jesus.
- 126 Jesus before Pilate.
- 127 "Behold the Man!"
- 128 The Crucifixion.
- 129 Jesus Appearing to Mary Magdalene.
- 130 St. Thomas.
- 131 The Miraculous Draught of Fishes.
- 132 Jesus and St. Peter.

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| 4 The Angel and the Shepherds.                     | 16 The End of the Temptation.                           |
| 5 The Adoration of the Shepherds.                  | 17 The Earliest Disciples.                              |
| 6 The Presentation in the Temple.                  | 18 The Return of Jesus to Galilee.                      |
| 8 The Adoration of the Wise Men at Beth-<br>lehem. | 19 The First Miracle.                                   |
| 9 The Return from Egypt.                           | 20 The First Cleansing of the Temple.                   |
| 10 The Childhood at Nazareth.                      | 21 The Visit of Nicodemus.                              |
| 11 Jesus among the Doctors.                        | 22 The Woman of Samaria.                                |
| 12 The Home at Nazareth.                           | 23 The Rejection at Nazareth.                           |

### LABOUR.

- |   |  |
|---|--|
| 24 Christ Healeth the Sick at Capernaum.                          | 38 The Healing of the Infirm Man at the Pool<br>of Bethesda.     |
| 25 Parables from the Boat.  | 39 The Feeding of the Five Thousand.                             |
| 26 The Miraculous Draught of Fishes.                              | 40 Christ Walking on the Sea.                                    |
| 27 Matthew Called from the Receipt of Custom.                     | 41 The Faith of the Syro-Phœnician Woman.                        |
| 28 The Appointment of the Twelve.                                 | 42 The Inquiry near Cæsarea Philippi.                            |
| 29 The Cleansing of the Leper.                                    | 43 The Transfiguration.  |
| 30 The Appeal of the Centurion.                                   | 44 The Healing of the Epileptic Boy.                             |
| 31 The Raising of the Widow of Nain's Son.                        | 45 The Woman taken in Adultery.                                  |
| 32 The Dinner at the House of Simon the<br>Pharisee.              | 46 The Cleansing of the Ten Lepers.                              |
| 33 The Stilling of the Storm.                                     | 47 Rest at Bethany in the House of Martha,<br>Mary, and Lazarus. |
| 34 The Healing of the Gadarene Demoniac.                          | 48 Christ Blessing Little Children.                              |
| 35 The Paralytic let down through the Roof at<br>Capernaum.       | 49 The Raising of Lazarus.                                       |
| 36 The Healing of the Woman on the Way to<br>the House of Jairus. | 50 The Call of Zaccheus.   |
| 37 The Raising of Jairus' Daughter.                               | 51 Sight Restored to Blind Bartimeus.                            |

### VICTORY.

- |   |  |
|---|--|
| 52 The Triumphal Entry into Jerusalem.                                      | 68 The Crucifixion.  |
| 53 The Final Hostility of the Priests.                                      | 69 Our Lord committing His Mother to St. John.                   |
| 54 Christ leaving the City at Night, and abiding<br>in the Mount of Olives. | 70 The Death of Jesus and the Return of the<br>Multitude.        |
| 55 Washing the Disciples' Feet at the Passover<br>Feast.                    | 71 Joseph of Arimathea Laying the Body in his<br>own Tomb.       |
| 56 The Last Supper.   | 72 The Visit of the Women on the First Day<br>of the Week.       |
| 57 The Agony in the Garden of Gethsemane.                                   | 73 St. Peter and St. John at the Sepulchre.                      |
| 58 The Betrayal.  | 74 Jesus Reveals Himself to Mary Magdalene.                      |
| 59 Jesus before Caiaphas and the Council.                                   | 75 The Walk to Emmaus.   |
| 60 The Denial and Repentance of Peter.                                      | 76 Jesus appearing to Simon Peter.                               |
| 61 Jesus brought before Pilate.   | 77 The Doubting of Thomas.                                       |
| 62 Pilate's Private Examination of Jesus.                                   | 78 Jesus Meets Simon Peter and the other<br>Apostles in Galilee. |
| 63 Jesus before Herod Antipas.  | 79 The Ascension.  |
| 64 The Scourging.   | 80 "Lo! I am with you alway, even unto the<br>end of the world." |
| 65 The Mockery of the Soldiers.   |  |
| 66 Pilate's Protestations of Guiltlessness.                                 |  |
| 67 Jesus, Sinking under the Weight of His<br>Cross, addresses the Women.    |  |

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- 7 The Temptation, "Get thee behind Me, Satan"
- 8 Christ and the Woman of Samaria
- 9 Raising the Widow's Son at Nain
- 10 Christ Healing the Sick. Luke iv. 40
- 11 "Maid, I say unto thee, arise." Mark v. 41
- 12 Christ preaching to the Multitude
- 13 "Come unto Me"
- 14 The woman taken in adultery before Christ
- 15 "My house shall be called a house of prayer." Matt. xxi. 13
- 16 The house at Bethany. Luke x. 13
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- 21 Christ presented to the people
- 22 To Golgotha. Luke xxiii. 28
- 23 The Crucifixion
- 24 The Entombment
- 25 "They returned and prepared spices and ointment." Luke xxiii. 50
- 26 The Resurrection
- 27 Emmaus, "Abide with us for it is towards evening." Luke xxiv. 29
- 28 The Ascension
- 29 "Behold I stand at the door and knock." Rev. iii. 20
- 30 "Where two or three are gathered together." Matt. xviii. 20

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- 31 The Holy Night—"Glory to God in the highest, and on earth peace, goodwill toward men."
- 32 Angels appearing to the Shepherds. "And the Angel said unto them, Fear not, for behold, I bring you good tidings of great joy which shall be to all people."
- 33 The Presentation in the Temple. "Then took he Him up in his arms and blessed God."
- 34 Christ as a Boy. "And Jesus increased in wisdom and stature"
- 35 Christ in the Temple. "They found Him in the Temple sitting in the midst of the Doctors."
- 36 The Baptism of Jesus. "And the Holy Ghost descended in a bodily shape like a dove upon Him, and a voice came from Heaven, which said, Thou art My beloved Son, in Thee I am well pleased."
- 37 The Marriage at Cana. "And Jesus said unto them, Fill the water pots with water, and they filled them up to the brim."
- 38 Christ preaching on the Sea. "He spake many things unto them in parables."
- 39 Christ's visit to Mary and Martha. "And Martha was cumbered about much serving and came to Him, and said, Lord, dost Thou not care that my sister hath left me to serve alone?"
- 40 Jesus with Mary and Martha. "And she had a sister called Mary, which also sat at Jesus' feet and heard His words."
- 41 Who is the greatest in the Kingdom of Heaven. "Verily, I say unto you, Except ye be converted and become as little children, ye shall not enter into the Kingdom of Heaven."
- 42 Healing the blind man. "After that He put His hands again upon his eyes and made him look up, and he was restored, and saw every man clearly."
- 43 "Lord, save me!" "And when he saw the wind boisterous he was afraid; and beginning to sink, he cried, saying, Lord, save me!"
- 44 Christ and the rich ruler. "Good Master, what good thing shall I do that I may have eternal life?"
- 45 Our Saviour. "The only wise God, our Saviour."
- 46 The Adulteress before Christ. "He that is without sin amongst you let him first cast a stone at her."
- 47 Christ's entry into Jerusalem. "And the multitude that went before and followed, cried, saying, Hosannah to the Son of David."
- 48 "I am the Way, the Truth, and the Life."
- 49 Getsemane. "And there appeared an Angel unto Him from Heaven, strengthening Him."
- 50 The Kiss of Judas. "And forthwith he came to Jesus, and said, Hail Master! and kissed Him."
- 51 The Derision. "And when they had platted a crown of thorns, they put it upon His head and a reed in His right hand, and they bowed the knee before Him and mocked him, saying, 'Hail, King of the Jews.'"
- 52 The Resurrection. "And for fear of Him the keepers did shake and became as dead men."
- 53 "Peace be unto you."
- 54 Emmaus. "And their eyes were opened, and they knew Him, and He vanished out of their sight."
- 55 St. John.

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| 3 The Holy Family                        | 10 Christ at the house of Martha and Mary | 17 The Holy Women at the Tomb                                     |
| 4 The Flight into Egypt                  | 11 Christ and the woman taken in adultery | 18 The Resurrection   |
| 5 Rest on the Flight into Egypt          | 12 The Good Shepherd                      | 19 "Touch Me not"   |
| 6 Christ and the Woman of Samaria        | 13 The two Marys                          | 20 A Gift from Heaven   |
| 7 Christ blessing little children        | 14 Christ's entry into Jerusalem          | 21 The Guardian Angel   |

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| 4 The Sermon on the Mount               | 12 Christ before Herod                              |
| 5 A Sower went forth to sow His Seed    | 13 The Crucifixion [chre                            |
| 6 The Lost Sheep                        | 14 The Angel rolling away the Stone from the Sepul- |
| 7 The Lost Piece of Silver              | 15 Christ standing on the Seashore (John xxi. 4)    |
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- 5 A Happy Meeting, Father and Son.—"Fell on his neck and kissed him."
- 6 The Prodigal having the best Robe put on.—"Bring forth the best robe and put it on him."
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| 2 The Heavenly Sower goes forth with better seed |  |
| 3 Within a hallowed acre he sows yet other grain |  |



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- 6 Veronica wipes the face of Jesus.—Psalm xxvii. 8
- 7 Jesus falls beneath His Cross the second time.—Psalm xxxviii. 7

- 8 Jesus consoles the Women of Jerusalem.—S. Luke xxiii. 28
- 9 Jesus falls beneath His Cross the third time.—Psalm xxii. 15
- 10 Jesus is stripped of His garments and is given gall to drink.—Psalm xxii. 18
- 11 Jesus is nailed to the Cross.—S. Luke xxiii. 33
- 12 Jesus is raised on the Cross and dies upon it.—S. John xix. 30
- 13 Jesus taken down from the Cross.—S. Mark xv. 46
- 14 Jesus laid in the Sepulchre.—S. John xix. 42

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- 7 Jesus falls beneath His Cross the second time.—Psalm xxxviii. 7
- 8 Jesus consoles the Women of Jerusalem.—S. Luke xxiii. 28

- 9 Jesus falls beneath His Cross the third time.—Psalm xxii. 15
- 10 Jesus is stripped of His garments, and is given gall to drink.—Psalm xxii. 18
- 11 Jesus is nailed to the Cross.—S. Luke xxiii. 33
- 12 Jesus is raised on the Cross and dies upon it.—S. John xix. 30
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- 5 Jesus is Helped by the Cyrenian to Carry His Cross.—St. Luke xxiii. 26
- 6 Veronica Wipes the Face of Jesus.—Psalm xxvii. 8
- 7 Jesus Falls beneath His Cross the Second Time.—Psalm xxxviii. 7

- 8 Jesus Consols the Women of Jerusalem.—St. Luke xxiii. 28
- 9 Jesus Falls beneath His Cross the Third Time.—Psalm xxii. 15
- 10 Jesus is Stripped of His Garments and is Given Gall to Drink.—Psalm xxii. 18
- 11 Jesus is Nailed to the Cross.—St. Luke xxiii. 33
- 12 Jesus is Raised on the Cross and Dies upon it.—St. John xix. 30
- 13 Jesus is Taken Down from the Cross.—St. Mark xv. 46
- 14 Jesus Laid in the Sepulchre.—St. John xix. 42

**BEST QUALITY HAND-PAINTED SLIDES.****E K****STATIONS OF THE CROSS.**

Designed by C. S. DIXON.

*Beautifully Hand-Drawn and Painted, 50s. each. Plain Photographs, 1s. each.*  
*Beautifully Painted, 8s. 6d. each. Cheap Series, Painted, 3s. 6d. each. Reading, 2d.*

- 1 Jesus condemned to Death.—S. Luke xxiii. 24
- 2 Jesus is laden with the Cross.—S. John xix. 17
- 3 Jesus falls the first time under the weight of the Cross.—Isaiah liii. 7
- 4 Jesus meets His Mother.—S. John ii. 1
- 5 Jesus is helped by the Cyrenian to carry His Cross.—S. Luke xxiii. 26
- 6 Veronica wipes the face of Jesus.—Psalm xxvii. 8
- 7 Jesus falls beneath His Cross the second time.—Psalm xxxviii. 7
- 8 Jesus consoles the Women of Jerusalem.—S. Luke xxiii. 28

- 9 Jesus falls beneath His Cross the third time.—Psalm xxii. 15
- 10 Jesus is stripped of His garments, and is given gall to drink.—Psalm xxii. 18
- 11 Jesus is nailed to the Cross.—S. Luke xxiii. 33
- 12 Jesus is raised on the Cross and dies upon it.—S. John xix. 30
- 13 Jesus taken down from the Cross.—S. Mark xv. 46
- 14 Jesus laid in the Sepulchre.—S. John xix. 42

## ABA

FELLOWS-PRYNNE'S  
STATIONS OF THE CROSS.

(Strictly Copyright.)

These beautiful Slides are photographed direct from the 14 Original Paintings by FELLOWS-PRYNNE, now in the Church of St. Augustine, at Stepney.

Messrs. NEWTON & Co. have the sole right of making Lantern Slides from these fine pictures.

*Beautifully Painted, 9s. 6d.; Cheaply Painted, 4s. each; Plain Slides, 1s. 6d. each*

- 1 Jesus Condemned to Death.  
Jesus, bound with shameful thrall,  
Stands in Pilate's Judgment Hall,  
While around the rabble cry,  
"Crucify Him; Crucify!"
- 2 Jesus is Laden with the Cross.  
On those wounded shoulders blest  
See the bitter cross is prest.  
And the sinless Saviour bears  
Man's vast load of sin and cares.
- 3 Jesus Falls the First Time under the Weight  
of the Cross.  
Here by Salem's ancient walls,  
'Neath His burden Jesus falls.  
Soldiers, heedless of His pain,  
Urge Him on the way again.
- 4 Jesus Meets His Mother.  
Now to Calvary drawing near  
Jesus meets His mother dear,  
And the sword with bitter smart  
Pierces through her loving heart.
- 5 Jesus is Helped by the Cyrenian to Carry  
His Cross.  
Burdened with the Saviour's load,  
Simon treads the painful road,  
Bearing for a space the rod,  
Following the Son of God.
- 6 Veronica Wipes the Face of Jesus.  
See a woman moved with grief  
Strives to give her Lord relief,  
Wipes away the sweat and gore  
From the Face which we adore.
- 7 Jesus Falls beneath His Cross the Second  
Time.  
Jesus spent with bitter pain  
Falls beneath the Cross again.  
See Him fainting, bruised, and worn.  
Mark His captors' cruel scorn.
- 8 Jesus Consols the Women of Jerusalem.  
Faithful women gather near;  
Great their sorrow, great their fear,  
As their dearest Lord they see,  
Hear His words, "Weep not for Me."
- 9 Jesus Falls beneath His Cross the Third  
Time.  
For the last third time of all  
See the patient Saviour fall;  
Yet He still must onward go,  
Draining deep the cup of woe.
- 10 Jesus is Stripped of His Garments, and is  
Given Gall to Drink.  
See how calm and still He stands,  
While the soldiers' brutal hands  
Strip His Kingly Form Divine,  
Offering myrrh and gall and wine.
- 11 Jesus is Nailed to the Cross.  
See with nails one, two, and three,  
Fast they nail Him to the tree;  
Jesus while His life-blood flows  
Prays for pardon for His foes.
- 12 Jesus is Nailed on the Cross and Dies upon it.  
See the Saviour lifted high  
Three long hours 'twixt earth and sky.  
Loud He cries with parting breath,  
And His Head is howed in death.
- 13 The Body of Jesus taken Down from the  
Cross.  
Pierced with nail and spear and crown,  
Christ is from the Cross borne down;  
See Him laid once more to rest  
On the Virgin Mother's breast.
- 14 The Body of Jesus Laid in the Sepulchre.  
See Him in fine linen wound,  
Myrrh and aloes strewed around;  
Here His Sacred Body lies,  
Soon All-glorious to arise.

## ABB

## STAINER'S "CRUCIFIXION."

A Series of Slides arranged for a Lantern production of

"THE CRUCIFIXION,"

"A Meditation on the Sacred Passion of the Holy Redeemer."

By Rev. J. SPARROW-SIMPSON, M.A., and J. STAINER.

The Words and Music can be obtained from the publishers, Novello & Co.

*Beautifully Painted Slides, the Set, £19 19 0*

*Cheaply Painted " " £9 0 0*

*Plain " " £2 17 6*

- |                                 |                                   |                           |
|---------------------------------|-----------------------------------|---------------------------|
| 1 A Place named Gethsemane.     | 17 All Mortal Anguish.            | 34 So Thou Pleadest.      |
| 2 "Could ye not watch with Me?" | 18 The Scorn of All.              | 35 He is Nailed.          |
| 3 Bowed in Bitter Anguish.      | 19 Dying Desolate Alone           | 36 Lord, I have Joined.   |
| 4 In Bitter Pain.               | 20 Cross of Sorrow.               | 37 I love Thee Still.     |
| 5 They Laid their Hands on Him. | 21 He Humbled Himself             | 38 Jesus is Dying.        |
| 6 "Art Thou the Christ?"        | 22 Upon the Cross                 | 39 Lord, Remember Me.     |
| 7 Delivered Him to Pilate.      | 23 Thou art Sublime.              | 40 I Adore Thee.          |
| 8 The Soldiers Led Him Away.    | 24 The Serpent in the Wilderness. | 41 Behold thy Son!        |
| 9 The Saviour Waits.            | 25 God so Loved the World.        | 42 My Sorrow.             |
| 10 He Bears His Load.           | 26 Plead for Me.                  | 43 The World of Unbelief. |
| 11 Tho' weary and worn.         | 27 By the Blows.                  | 44 Crucify!               |
| 12 The Burden of Wrong.         | 28 They Smote Thee.               | 45 Is it Nothing to You?  |
| 13 Thy Banner Lifted High.      | 29 For us and our Salvation.      | 46 O, come unto Me.       |
| 14 They Crucified Him.          | 30 Thy Dreadful Load.             | 47 I Thirst.              |
| 15 Cross of Jesus.              | 31 Love for Hate.                 | 48 All for Jesus.         |
| 16 Crucified by Sin.            | 32 "Father, forgive them!"        | 49 At Thine Altar.        |
|                                 | 33 They Know Not.                 | 50 One in Thee,           |

## COPPING'S

## AAO "SCENES IN THE LIFE OF OUR LORD."

(Copied by permission of the Religious Tract Society.)

Book, "Scenes in the Life of our Lord," 16s. net.

This set of Slides is from the very beautiful series of Original Drawings made by HAROLD COPPING for the Religious Tract Society.

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Strictly Copyright.

- |  |   |
|--|---|
| 1 The Annunciation.                        | 13 The Return of the Prodigal Son.          |
| 2 The Angels appearing to the Shepherds.   | 14 The Healing of the Leper.                |
| 3 The Flight into Egypt.                   | 15 Christ Blessing Little Children.         |
| 4 St. John the Baptist.                    | 16 The Healing of Blind Bartimæus.          |
| 5 The Call of Andrew and Peter.            | 17 The Sadducees question Jesus.            |
| 6 The Temptation of Christ.                | 18 Christ and the Woman of Samaria.         |
| 7 The Sermon on the Mount.                 | 19 The Raising of Lazarus.                  |
| 8 The Feeding of the Multitude.            | 20 The Agony in the Garden.                 |
| 9 The Transfiguration.                     | 21 Christ taken down from the Cross.        |
| 10 The Good Samaritan.                     | 22 The Grief of Mary at the Sepulchre.      |
| 11 Christ at the House of Martha and Mary. | 23 The Walk to Emmaus.                      |
| 12 The Little Child Set in the Midst.      | 24 The Ascension: Disciples gazing upwards. |
|  | 25 Our Saviour.                             |

## EI LIFE OF CHRIST, FROM WOOD CARVINGS.

The following nine Slides are photographed from very finely executed carved wood panels.

*Beautifully Painted, 8s. 6d. each. Plain Slides, 1s. 6d. each.**Cheap Series, Painted, 4s. each.*

- |                                   |   |
|-----------------------------------|---|
| 1 The Annunciation                | 6 The Flight into Egypt                               |
| 2 The Marriage of Joseph and Mary | 7 Mary finding Christ with the Doctors' in the Temple |
| 3 Mary visiting Elisabeth         | 8 Christ in His Parents' Home                         |
| 4 The Birth of John the Baptist   | 9 The Body of Christ at the Foot of the Cross         |
| 5 The Adoration of the Shepherds  |   |

## ZI THE PARABLES OF OUR LORD JESUS CHRIST.

From a Series of Woodcuts by JOHN EVERETT MILLAIS, R.A.

*Beautifully Painted, 8s. 6d. each. Plain Slides, 1s. each.**Cheap Series Painted, 3s. 6d. each.*

- |                             |                                  |                                    |                                    |
|-----------------------------|----------------------------------|------------------------------------|------------------------------------|
| 1 The Sower.                | 7 The Labourers of the Vineyard. | 12 The Importunate Friend.         | 17 The Rich Man and Lazarus.       |
| 2 The Leaven.               | 8 The Wicked Husbandmen.         | 13 The Marriage of the King's Son. | 18 The Unjust Judge.               |
| 3 The Tares.                | 9 The Wise and Foolish Virgins.  | 14 The Lost Sheep.                 | 19 The Pharisee and the Publican.  |
| 4 The Hidden Treasure.      | 10 The Foolish Virgins.          | 15 The Lost Piece of Silver.       | 20 The Good Shepherd—The Hireling. |
| 5 The Pearl of Great Price. | 11 The Good Samaritan.           | 16 The Prodigal Son.               |                                    |
| 6 The Unmerciful Servant.   |                                  |                                    |                                    |

## SK

## THE BEATITUDES.

*Beautifully Painted, £5 3s. the set.**Plain Slides, £1 2s. 6d. the set.**Cheap Series, Painted, £3 2s. 6d. the set.*

- |  |  |
|--|--|
| 1 The Sermon on the Mount  | 14 "Blessed are the pure in heart"   |
| 2 Text of the first five Beatitudes                                  | 15 "Good morning" (Millais)  |
| 3 Text of the last four Beatitudes                                   | 16 "Blessed are the peacemakers"   |
| 4 "Blessed are the poor in spirit"                                   | 17 Telemachus stopping the Gladiatorial Combat in the Coliseum. (He was stoned to death by the audience) |
| 5 The Slave's Prayer   | 18 "Blessed are they which are persecuted for righteousness' sake"                                       |
| 6 "Blessed are they that mourn"                                      | 19 The Christian Martyr  |
| 7 The Virgin at the Foot of the Cross                                | 20 "Blessed are ye when men shall revile you and persecute you"  |
| 8 "Blessed are the meek"   | 21 The Tribunal of the Inquisition   |
| 9 The Puritan Maiden   | 22 Figure of Christ blessing   |
| 10 "Blessed are they which do hunger and thirst after righteousness" |  |
| 11 Timothy Searching the Scriptures                                  |  |
| 12 "Blessed are the merciful"  |  |
| 13 The Good Samaritan  |  |

**VT THE GOOD SAMARITAN.**

A Series of Copyright Designs by C. S. Dixon

*Beautifully Painted, 8s. 6d. ; Plain Slides, 1s. each.**Cheap Series, Painted, 3s. 6d.**Drawn and painted entirely by hand 50s. each*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 "A certain man went down from Jerusalem to Jericho and fell among thieves."</li> <li>2 "Wounded him and departed, leaving him half dead."</li> <li>3 "A certain priest . . . saw him, and passed by on the other side."</li> <li>4 "A Levite . . . came and looked on him, and passed by on the other side."</li> </ol> | <ol style="list-style-type: none"> <li>5 "A certain Samaritan . . . came where he was . . . he had compassion on him."</li> <li>6 "Went to him, and bound up his wounds."</li> <li>7 "Set him on his own beast, and brought him to an inn."</li> <li>8 "Gave two pence to the host, and said unto him, 'Take care of him.'"</li> </ol> |
|--|--|

**UZ THE LOST SHEEP***(Copyright).*

A Series of Slides to illustrate the Parable, mostly from Original Designs

<i>Best Hand-painted Slides, 50s. each.</i>	} <i>Plain Slides, 1s. each.</i>
<i>Beautifully Painted, 8s. 6d. each.</i>	

*Cheap Series, Painted, 3s. 6d. each.*

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1 The Door of the Fold</li> <li>2 The Lost Sheep, "That which is lost"</li> <li>3 In the Mountains, "Until He find it"</li> </ol> | <ol style="list-style-type: none"> <li>4 Bringing the Lost Sheep, "On His Shoulder"</li> <li>5 Reaching Home, "Rejoice with Me"</li> <li>6 The Good Shepherd, "My Sheep follow Me"</li> </ol> |
|--|---|

**BUU THE PRODIGAL SON.**

From a Series of Drawings.

<i>Beautifully Painted, 8s. 6d. each.</i>	} <i>Plain Slides, 1s. each.</i>
<i>Cheap Series, ,, 3s. 6d. ,,</i>	

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 A Boy at Home.</li> <li>2 Receiving his Portion.</li> <li>3 Leaving home for the far Country.</li> <li>4 Riotous Living in the far Country.</li> <li>5 A Mighty Famine, begging for Work.</li> <li>6 Feeding Swine, utterly destitute.</li> <li>7 Return Home, thoroughly Repentant.</li> </ol> | <ol style="list-style-type: none"> <li>8 A Happy Meeting. Father and Son.</li> <li>9 Being clothed with the best Robe.</li> <li>10 The Festival in honour of his Return.</li> <li>11 An angry Brother making inquiries of the Servant.</li> <li>12 A Righteous Father pacifies the Brother's Anger.</li> </ol> |
|--|--|

**AFN THE PRODIGAL SON.**

From Original Designs.

<i>Beautifully Painted, 8s. 6d. each.</i>	} <i>Plain Slides, 1s. each.</i>
<i>Cheap Series, ,, 3s. 6d. ,,</i>	

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Leaving Home for the Far Country.</li> <li>2 Riotous Living.</li> <li>3 Feeding Swine.</li> <li>4 His Repentance and Return Home.</li> <li>5 The Happy Meeting between Father and Son.</li> </ol> | <ol style="list-style-type: none"> <li>6 Being clothed with the Best Robe.</li> <li>7 The Feast of Rejoicing.</li> <li>8 A Righteous Father pacifies the Brother's Anger.</li> </ol> |
|--|--|

NOTE.—Particulars of beautifully Hand-drawn and Painted Slides on this subject will be found on page 302.

**TP THE WISE AND FOOLISH VIRGINS.**

From a series of Copyright designs.

*Beautifully Painted, 8s. 6d. each; Plain Slides, 1s. each.**Drawn and painted entirely by hand 50s. each.*

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1 The ten Virgins going to the Bride's house there to await the Herald's Cry</li> <li>2 Weary with waiting, they all slumber and sleep</li> <li>3 The Herald announces the coming of the Bridegroom</li> <li>4 They trim their lamps. The Foolish Virgins implore the Wise ones to share their oil</li> <li>5 The Five Wise Virgins leave to meet the Bridegroom. The Five Foolish hurry away to buy oil</li> </ol> | <ol style="list-style-type: none"> <li>6 The Bridegroom and His Friends are met by the Five Wise Virgins</li> <li>7 The Bridegroom's procession enters the Bride's house</li> <li>8 The return of the Five Foolish Virgins to the Bride's house</li> <li>9 Too late. They find the door shut</li> </ol> |
|--|---|

**EL THE NATIVITY OF OUR LORD.**

*Beautifully Painted Figure Subjects, 8s. 6d. } Plain Photographs, 1s. each.*  
*" " Views, 5s. }*

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1 The Annunciation</li> <li>2 King David</li> <li>3 The Angels and Shepherds</li> <li>4 The Angel Band</li> <li>5 Bethlehem</li> <li>6 The Holy Night, the Adoration of Shepherds</li> <li>7 The Virgin's Offering</li> <li>8 The Temple of Jerusalem in the time of Our Lord</li> <li>9 The Presentation in the Temple. Simeon praising God</li> <li>10 The Virgin with the Infant Christ and John</li> <li>11 The Star in the East—Magi crossing the desert</li> </ol> | <ol style="list-style-type: none"> <li>12 The arrival of the Wise Men at Bethlehem</li> <li>13 Adoration of the Magi</li> <li>14 The Eve of the Flight</li> <li>15 Flight into Egypt</li> <li>16 The Holy Family resting on the way</li> <li>17 The Child Christ with His Mother</li> <li>18 The Massacre of the Innocents</li> <li>19 The Shadow of the Cross</li> <li>20 Nazareth</li> <li>21 Arrival at Nazareth</li> <li>22 Joseph and the Child Christ</li> <li>23 Christ with the Doctors</li> <li>24 Christ in the Carpenter's Shop</li> </ol> |
|---|---|

**EM THE TEACHING AND MINISTRY OF OUR LORD.**

*Beautifully Painted, 8s. 6d. ; Plain Photographs, 1s. each.*

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1 Baptism in Jordan</li> <li>2 Christ tempted</li> <li>3 Christ and the Woman of Samaria</li> <li>4 Sermon on the Mount</li> <li>5 "Come unto Me"</li> <li>6 Driven out of the Temple</li> <li>7 Christ disputing with the Doctors in the Temple</li> <li>8 Christ and the Woman taken in Adultery</li> <li>9 The Light of the World</li> <li>10 Christ and His Disciples in the Cornfield</li> <li>11 Christ Teaching from the boat</li> <li>12 Mary Magdalene anointing the feet of Christ at Simon's House</li> <li>13 The raising of Jairus' Daughter</li> </ol> | <ol style="list-style-type: none"> <li>14 Preaching to the Multitude</li> <li>15 The Transfiguration</li> <li>16 Christ at the house of Martha and Mary</li> <li>17 "Whoso shall receive one such little child in My Name receiveth Me."</li> <li>18 Christ blessing little Children</li> <li>19 The Tribute Money</li> <li>20 The Widow's Mite</li> <li>21 Christ washing His disciples' feet</li> <li>22 Christ the Comforter</li> <li>23 The Spiritual Mission. "Inasmuch as ye have done it unto the least of these My brethren ye have done it unto Me"</li> <li>24 Christ and His Disciples, Peter and John</li> </ol> |
|---|--|

**EN THE MIRACLES OF OUR LORD.**

*Beautifully Painted, 8s. 6d. ; Plain Photographs, 1s. each.*

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1 Cana of Galilee</li> <li>2 The Marriage Feast in Cana</li> <li>3 Miraculous Draught of fishes</li> <li>4 Casting out the Devil</li> <li>5 Raising Widow's Son at Nain</li> <li>6 Healing the Sick</li> <li>7 Christ Stilling the Tempest</li> <li>8 Raising Jairus' Daughter</li> <li>9 Christ Healing the Sick</li> <li>10 Christ Healing the Lame Man</li> <li>11 Feeding the Multitude</li> <li>12 Jerusalem from Mount of Olives</li> <li>13 Remains of the Pool of Bethesda</li> </ol> | <ol style="list-style-type: none"> <li>14 Raising of Lazarus</li> <li>15 Healing the Lunatic</li> <li>16 "Come unto Me all ye who labour and are heavy laden"</li> <li>17 Tiberias from the land</li> <li>18 Christ walking on the Sea</li> <li>19 "Lord, save me"</li> <li>20 Christ and the Syro-Phoenician woman</li> <li>21 Christ healing the Blind Man</li> <li>22 Bethany</li> <li>23 The Resurrection</li> <li>24 Miraculous Draught of Fishes</li> </ol> |
|--|---|

**EO THE PARABLES OF OUR LORD.**

*Beautifully Painted, 8s. 6d. ; Plain Photographs, 1s. each.*

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1 The Sower</li> <li>2 The Good Samaritan</li> <li>3 Parable of the Lilies</li> <li>4 The Lost Sheep</li> <li>5 Lost Piece of Silver</li> <li>6 The Prodigal Son, a Boy at Home</li> <li>7 "receiving his Portion"</li> <li>8 "leaving Home for the far Country"</li> <li>9 "Riotous Living in the far Country"</li> <li>10 "a Mighty Famine, begging for Work"</li> <li>11 "feeding Swine, utterly destitute"</li> <li>12 The Prodigal's return Home, thoroughly repentant</li> <li>13 A Happy Meeting, Father and Son</li> </ol> | <ol style="list-style-type: none"> <li>14 The Prodigal having the best Robe put on</li> <li>15 The Festival in honour of his Return</li> <li>16 A righteous Father pacifies the Brother's anger</li> <li>17 Lazarus at the Rich Man's gate</li> <li>18 The Good Shepherd</li> <li>19 Parable of the Rich Young Man</li> <li>20 Householder hiring Labourers</li> <li>21 The Rich Man's Feast. "This night thy Soul shall be required of thee"</li> <li>22 Pharisee and Publican</li> <li>23 The Wise and Foolish Virgins</li> <li>24 The True Vine</li> </ol> |
|---|---|



## EP

## THE PASSION OF OUR LORD.

*Beautifully Painted, 8s. 6d. ; Plain Slides, 1s. each.*  
*Cheap Series Painted, 3s. 6d. each.*

- 1 Crucifix
- 2 Entry into Jerusalem
- 3 The Last Supper
- 4 Christ in the Garden of Gethsemane
- 5 "Could ye not watch with Me one hour?"
- 6 "Hail, Master," and he kissed Him"
- 7 Peter's Denial
- 8 Crowned with Thorns
- 9 "Ecce Homo!"
- 10 Christ Bearing His Cross
- 11 Nailed to the Cross
- 12 Crucifixion
- 13 "It is finished!"

- 14 Descent from the Cross
- 15 The Dead Christ at the foot of the Cross
- 16 S. John leading the Virgin home
- 17 Christ carried to His Burial
- 18 In the Sepulchre
- 19 Summit of Calvary on the Sabbath after the Crucifixion
- 20 Resurrection. "He is Risen."
- 21 Three Maries going to the Sepulchre
- 22 Resurrection. The Angel at the Sepulchre
- 23 Journey to Emmaus
- 24 Ascension

## EQ

## ACTS OF THE APOSTLES.

*Beautifully Painted, 8s. 6d. ; Plain Slides, 1s. each.*  
*Cheap Series Painted, 3s. 6d. each.*

- 1 The Ascension
- 2 Jerusalem, Ancient
- 3 Descent of the Spirit
- 4 Peter Preaching on the day of Pentecost
- 5 S. Peter Preaching on the Temple steps
- 6 S. Barnabas
- 7 S. Matthias
- 8 Peter and John healing the Lame man at the Beautiful Gate of the Temple
- 9 Apostles preaching
- 10 First Confirmation at Samaria by S. Peter and S. John
- 11 Death of Ananias
- 12 Peter released from Prison by an Angel

- 13 The Conversion of S. Paul
- 14 S. Peter at the house of Cornelius
- 15 S. Paul, prisoner at Rome, writing Epistle to the Ephesians
- 16 S. Paul (A. W. Schulgen)
- 17 S. Paul (Nicholas Poussin)
- 18 Young Timothy reading the Scriptures
- 19 Patmos, island of St. John's imprisonment
- 20 The Angel and the Book
- 21 The Opening of the Sixth Seal
- 22 The Last Judgment
- 23 The Angel showing John the New Jerusalem
- 24 The Holy Trinity

## ER

## THE APOSTLES' CREED.

*Beautifully Painted, 8s. 6d. ; Plain Slides, 1s. each.*  
*Cheap Series Painted, 3s. 6d. each.*

- 1 The Creation.—I believe in God the Father Almighty, Maker of heaven and earth ;—
- 2 Baptism of Jesus in Jordan.—And in Jesus Christ, His only Son, our Lord ;—
- 3 The Annunciation. Angel appearing to Mary.—Who was conceived by the Holy Ghost ;—
- 4 The Nativity. Born of the Virgin Mary ;—
- 5 Christ scourged by the Soldiers.—Suffered under Pontius Pilate ;—
- 6 The Crucifixion.—Was Crucified—
- 7 The Dead Christ at the foot of the Cross.—Dead,—
- 8 Christ carried to His Burial.—And Buried. He descended into Hell ;—
- 9 Resurrection. Women at Sepulchre.—The third day He rose again from the dead ;—
- 10 The Ascension. Disciples gazing upwards.—He ascended into Heaven ;—
- 11 The Holy Trinity. And sitteth on the right hand of God the Father Almighty ;—
- 12 The Last Judgment.—From thence He shall come to judge the quick and the dead ;—
- 13 Descent of the Spirit on the Apostles.—I believe in the Holy Ghost : The Holy Catholic Church ;—
- 14 The Last Supper.—The Communion of Saints ;—
- 15 The Prodigal Son. His Father's forgiveness.—The Forgiveness of Sins ;—
- 16 Raising of Lazarus.—The Resurrection of the Body ;—
- 17 The Spirit's Flight. And the Life everlasting. Amen.
- 18 Hymn—"For ever with the Lord."

For Hymns suitable for the Creed, see Index. Nos. 316, 86, 156, 195, 224, 298, 303.

## SF

## THE LIFE OF OUR LORD.

*Beautifully Painted, 8s. 6d. ; Plain Slides, 1s. each.*  
*Cheap Series Painted, 3s. 6d. each.*

- 1 The Annunciation. Angel appearing to Mary (Jalabert)
- 2 The Angels and Shepherds (H. Mücke)
- 3 The Holy Night. Scene in the Stable (Carl Möller)
- 4 Adoration of the Magi (Pfanschmidt)
- 5 The Flight of the Holy Family by Night into Egypt (Doré)
- 6 Christ with the Doctors in the Temple (W. C. T. Dobson)
- 7 The Baptism of Christ in the Jordan (Doré)
- 8 The Temptation
- 9 Christ and the Woman of Samaria (J. R. Herbert)
- 10 Christ Stilling the Tempest (A. Dietrich)
- 11 Christ Raising Jairus' Daughter (Ed. Steinle)
- 12 Christ Preaching to the Multitude
- 13 The Parable of the Good Samaritan
- 14 Christ the Good Shepherd
- 15 Christ Blessing Little Children (H. le Jeune)
- 16 The Entry into Jerusalem
- 17 The Last Supper (L. da Vinol)
- 18 The Agony in the Garden of Gethsemane (Hofmann)
- 19 The Kiss of Judas (Fr. Gonne)
- 20 The Crucifixion
- 21 The Crucifixion, "It is finished" (H. Lauenstein)
- 22 Christ carried to His Burial (Pfanschmidt)
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| 5 The Flight into Egypt             | 20 "We have caught nothing"                | 35 "Hosanna! Hosanna!"                      |
| 6 The Repose in Egypt               | 21 "Master, we Perish"                     | 36 "Zaccheus, Come Down"                    |
| 7 The Home of Jesus                 | 22 Trusting in the Saviour                 | 37 "Suffer Little Children to come unto Me" |
| 8 The Home of Jesus                 | 23 "Have Mercy on us"                      | 38 The Last Supper                          |
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| 11 The Lamb of God                  | 26 A Doubting Disciple                     | 41 "He Died to make us Good"                |
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| 2 In Paradise.   | 18 Hymn, "Sound the loud timbrel."                         |
| 3 Man's First Sin.   | 19 Gathering the Manna.                                    |
| 4 Cain and Abel's Sacrifice.   | 20 Moses Striking the Rock.                                |
| 5 Death of Abel.   | 21 Hymn, "Rock of Ages." C. H. 490. A. & M. 184.           |
| 6 The Deluge.  | 22 The Tabernacle.   |
| 7 The Ark Floating on the Waters.  | 23 The Scapegoat.  |
| 8 Noah's Sacrifice.  | 24 The Brazen Serpent.                                     |
| 9 Abraham and Isaac.   | 25 The Ark of the Covenant.                                |
| 10 Jacob's Ladder.   | 26 Hymn, "What various hindrances we meet." A. & M. 246.   |
| 11 Hymn, "O Happy Band of Pilgrims." C. H. 468. A. & M. 224.             | 27 The Return of the Ark to Bethshemesh.                   |
| 12 Hymn, "O Happy Band of Pilgrims." C. H. 468. A. & M. 224.             | 28 The High Priest in his Robes and Breastplate.           |
| 13 Concealing of Moses.  | 29 The High Priest making Atonement.                       |
| 14 The Burning Bush.   | 30 Hymn, "Once, only once, and once for all." A. & M. 315. |
| 15 Death of the First-born.  |  |
| 16 Passage of the Red Sea.   |  |

**AAQ THE GOSPEL OF PEACE, OR "THE NATIVITY."**

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| 1 Hymn, "Praise we the Lord this day." C. H. 172. A. & M. 403. | 15 Massacre of the Innocents.                                   |
| 2 The Annunciation.  | 16 Flight into Egypt.   |
| 3 The Angels Appearing to the Shepherds.                       | 17 Devil through the Mountains.                                 |
| 4 Hymn, "Hark! the herald angels sing." C. H. 90. A. & M. 60.  | 18 The Holy Family Resting.                                     |
| 5 The City of Bethlehem.                                       | 19 The Virgin and Child.  |
| 6 The Holy Night.  | 20 In Egypt—the Pyramids.                                       |
| 7 The Adoration of the Shepherds.                              | 21 "The Shadow of the Cross."                                   |
| 8 Hymn, "O, come all ye faithful." C. H. 85. A. & M. 59.       | 22 Hymn, "The Heavenly Child in stature grows." A. & M. 78.     |
| 9 The Virgin's Offering.                                       | 23 The Return to Nazareth.                                      |
| 10 The Presentation.   | 24 Nazareth.  |
| 11 The Wise Men Crossing the Desert.                           | 25 Christ in His Parents' Home.                                 |
| 12 Arrival of the Wise Men.                                    | 26 The Road over Olivet into Jerusalem.                         |
| 13 Adoration of the Magi.                                      | 27 City of Jerusalem.   |
| 14 Hymn, "As with gladness men of old." C. H. 94. A. & M. 72.  | 28 The Temple in the Time of our Lord.                          |
|  | 29 Christ with the Doctors in the Temple.                       |
|  | 30 Hymn, "Hail to the Lord's Anointed." C. H. 379. A. & M. 219. |

## LIST OF SLIDES ILLUSTRATING HOLY SCRIPTURE—Continued.

**AAR THE GOSPEL OF WORK, OR "THE PARABLES OF OUR LORD."**

Consisting of 30 Slides.

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|--|---|
| 1 Hymn, "The King of Love my Shepherd is."<br>C. H. 512. A. & M. 197.<br>2 The Good Shepherd.<br>3 The Lost Sheep.<br>4 The Sermon on the Mount.<br>5 The Lilies of the Field.<br>6 The Sower.<br>7 Hymn, "The sower went forth sowing."<br>A. & M. 395.<br>8 Preaching to the Multitude.<br>9 The Rich Man and Lazarus.<br>10 Defile between Jerusalem and Jericho<br>11 The Good Samaritan.<br>12 The Good Samaritan's Arrival at the Inn.<br>13 Hymn, "Thy life was given for me." C. H.<br>286. A. & M. 239.<br>14 Parable of the Rich Man.<br>15 House of the Rich Man. | 16 Parable of the Lost Silver.<br>17 Christ and the Woman of Samaria.<br>18 Wise and Foolish Virgins.<br>19 Pharisee and Publican.<br>20 "Feed My Sheep."<br>21 Weeping over Jerusalem.<br>22 The Prodigal Son Receiving Portion.<br>23 Hymn, "How blest is he who ne'er con-<br>sents."<br>24 Riotous Living.<br>25 Feeding Swine.<br>26 Hymn, "Just as I am without one plea."<br>C. H. 40. A. & M. 255.<br>27 Returns Home.<br>28 Meeting of Father and Son.<br>29 The Light of the World.<br>30 Hymn, "Sweet Saviour, bless us ere we go."<br>C. H. 30. A. & M. 28. |
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**AAS THE GOSPEL OF FAITH, OR "THE MIRACLES OF OUR LORD."**

Consisting of 30 Slides.

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| 1 Hymn, "Jesu, Lord of Life and Glory." A.<br>& M. 287.<br>2 "Come unto Me."<br>3 Cana of Galilee.<br>4 The Marriage Feast at Cana.<br>5 Casting Out a Devil.<br>6 Hymn, "Thine arm, O Lord." C. H. 298.<br>A. & M. 369.<br>7 Lake of Galilee.<br>8 Miraculous Draught of Fishes.<br>9 City of Jerusalem.<br>10 Pool of Bethesda.<br>11 Healing Man at Bethesda.<br>12 Sea of Galilee.<br>13 Stilling the Tempest.<br>14 Hymn, "Fierce raged the tempest o'er the<br>deep." A. & M. 285.<br>15 Raising Jairus' Daughter. | 16 Ti'berias from Land.<br>17 Feeding the Five Thousand.<br>18 Walking on the Sea.<br>19 "Lord, save me."<br>20 Hymn, "Eternal Father, strong to save."<br>C. H. 321. A. & M. 370.<br>21 Healing the Lunatic.<br>22 Healing the Sick.<br>23 Healing the Lame.<br>24 "He healed them all."<br>25 Hymn, "At even ere the sun was set." C. H.<br>18. A. & M. 20.<br>26 Bethany.<br>27 Raising of Lazarus.<br>28 Resurrection.<br>29 Second Draught of Fishes.<br>30 Hymn, "Songs of thankfulness and praise."<br>C. H. 100. A. & M. 81. |
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**AAT THE GOSPEL OF LOVE, OR "THE PASSION."**

Consisting of 30 Slides.

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|--|--|
| 1 Entry into Jerusalem.<br>2 Hymn, "Ride on, ride on, in majesty."<br>C. H. 114. A. & M. 99.<br>3 Jerusalem from Olivet.<br>4 Weeping over Jerusalem.<br>5 The Last Supper.<br>6 Hymn, "My God, and is Thy table spread."<br>C. H. 212. A. & M. 317, or A. & M. 311,<br>329, 315.<br>7 Gethsemane and Olivet.<br>8 The Agony in the Garden.<br>9 "Could ye not watch with Me one hour?"<br>10 The Betrayal.<br>11 Peter's Repentance.<br>12 Crowned with Thorns and Mocked.<br>13 "Vox Populi," "Not this man but Barab-<br>bas."<br>14 Scourged by the Soldiers.<br>15 Arch and Ecce Homo in the Via Dolorosa.<br>16 Falling under the Cross. | 17 The Crucifixion.<br>18 Hymn, "O! sacred head surrounded." A.<br>& M. 111.<br>19 "It is finished."<br>20 Hymn, "O come and mourn." C. H. 122.<br>A. & M. 114.<br>21 Descent from the Cross.<br>22 The Dead Christ at the Foot of the Cross.<br>23 The Entombment.<br>24 Hymn, "By Jesus' grave." C. H. 125. A.<br>& M. 123.<br>25 St. John and the Virgin.<br>26 The Women Going to the Sepulchre.<br>27 The Resurrection.<br>28 The Summit of Calvary on the Sabbath after<br>the Crucifixion.<br>29 The Risen Christ.<br>30 Hymn, "Jesus lives; no longer now." C. H.<br>405. A. & M. 149. |
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## LIST OF SLIDES ILLUSTRATING HOLY SCRIPTURE—Continued.

**AAU THE GOSPEL OF GRACE, OR "THE ACTS OF THE APOSTLES."**

Consisting of 30 Slides.

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| <ol style="list-style-type: none"> <li>1 Hymn, "Christ is gone up." C. H. 170.<br/>A. &amp; M. 352.</li> <li>2 Descent of the Holy Spirit.</li> <li>3 Peter Preaching on Day of Pentecost.</li> <li>4 Peter and John Healing a Lame Man.</li> <li>5 Apostles Preaching.</li> <li>6 Peter Released from Prison.</li> <li>7 Death of Ananias.</li> <li>8 Place of Stoning.</li> <li>9 Hymn, "The Son of God goes forth to war."<br/>C. H. 201. A. &amp; M. 439.</li> <li>10 Conversion of Saul.</li> <li>11 Damascus.</li> <li>12 Ananias Healing Paul.</li> <li>13 Hymn, "Disposer Supreme and Judge of<br/>the earth." C. H. 356. A. &amp; M. 431.</li> <li>14 Elymas Struck Blind.</li> <li>15 People Wishing to Worship Paul.</li> <li>16 Paul and Silas and the Gaoler.</li> </ol> | <ol style="list-style-type: none"> <li>17 Hymn, "Saviour, sprinkle many nations."<br/>C. H. 294. A. &amp; M. 359.</li> <li>18 Athens, Mars Hill.</li> <li>19 Preaching at Athens.</li> <li>20 Ephesians Burning Books.</li> <li>21 Paul Conveyed to the Council.</li> <li>22 Paul before Agrippa.</li> <li>23 Hymn, "Lord, her watch Thy Church is<br/>keeping." C. H. 292. A. &amp; M. 363.</li> <li>24 Shipwreck of St. Paul.</li> <li>25 Paul Destroys the Viper.</li> <li>26 Appian Way.</li> <li>27 Mamertine Prison.</li> <li>28 Writing Epistles.</li> <li>29 John the Divine being Shown the New Jeru-<br/>salem.</li> <li>30 Hymn, "Onward, Christian soldiers." C. H.<br/>460. A. &amp; M. 361.</li> </ol> |
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**THE GOSPEL IN THE OLD AND NEW TESTAMENT.**

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**AAV****Part I.—The Law.**

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|---|--|
| <ol style="list-style-type: none"> <li>1 Hymn, "All people that on earth do dwell."<br/>C. H. 331. A. &amp; M. 166.</li> <li>2 Expulsion from Eden.</li> <li>3 Noah's Sacrifice.</li> <li>4 Call of Abraham.</li> <li>5 Shechem.</li> <li>6 Isaac Carrying Wood.</li> <li>7 Joseph Entertaining his Brethren</li> </ol> | <ol style="list-style-type: none"> <li>8 Mount Sinai in Arabia.</li> <li>9 Gathering Manna.</li> <li>10 Moses Striking the Rock.</li> <li>11 The Brazen Serpent.</li> <li>12 The High Priest making Atonement.</li> <li>13 King David.</li> <li>14 Bethlehem.</li> </ol> |
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**AAW****Part II.—The Gospel.**

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|---|--|
| <ol style="list-style-type: none"> <li>1 Hymn, "Earth hath many a noble city."<br/>A. &amp; M. 76.</li> <li>2 The Birth at Bethlehem.</li> <li>3 Nazareth.</li> <li>4 Woman of Samaria.</li> <li>5 Sermon on the Mount.</li> <li>6 The Lake of Galilee.</li> <li>7 Feeding the Multitude.</li> <li>8 Healing the Sick.</li> </ol> | <ol style="list-style-type: none"> <li>9 Hymn, "Come unto Me, ye weary." C. H.<br/>351. A. &amp; M. 256.</li> <li>10 Mount Tabor.</li> <li>11 The Good Shepherd.</li> <li>12 Blessing Little Children.</li> <li>13 Fords of Jordan.</li> <li>14 The Triumphal Entry.</li> <li>15 Mount of Olives.</li> <li>16 Weeping over Jerusalem.</li> </ol> |
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**AAX****Part III.—The Creed.**

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| <ol style="list-style-type: none"> <li>1 Hymn, "Ye servants of the Lord." C. H.<br/>563. A. &amp; M. 268.</li> <li>2 The Creation.</li> <li>3 Baptism of Jesus.</li> <li>4 The Annunciation.</li> <li>5 The Crucifixion.</li> <li>6 The Resurrection.</li> <li>7 The Ascension.</li> </ol> | <ol style="list-style-type: none"> <li>8 The Last Judgment.</li> <li>9 Descent of the Spirit.</li> <li>10 "Feed My sheep."</li> <li>11 Institution of the Last Supper.</li> <li>12 Raising of Lazarus.</li> <li>13 Hymn, "For ever with the Lord." C. H.<br/>363. A. &amp; M. 431.</li> </ol> |
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**AAZ****Part IV.—The Apostles.**

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|--|---|
| <ol style="list-style-type: none"> <li>1 Jerusalem.</li> <li>2 Healing the Impotent Man.</li> <li>3 St. Stephen's Gate.</li> <li>4 Conversion of Saul.</li> <li>5 Caesarea.</li> <li>6 Elymas Struck Blind.</li> </ol> | <ol style="list-style-type: none"> <li>7 Paul and Barnabas at Lystra.</li> <li>8 Athens.</li> <li>9 St. Paul Preaching.</li> <li>10 Appian Way. Rome.</li> <li>11 Hymn, "The Church's one foundation."<br/>C. H. 509. A. &amp; M. 315.</li> </ol> |
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| 5  | Stoning of Stephen                 | 29 | Paul and Barnabas at Antioch         |
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| 9  | Conversion of Saul                 | 33 | Jerusalem                            |
| 10 | Damascus. Road past Naaman's House | 34 | Map of Second Missionary Journey     |
| 11 | " Interior of City                 | 35 | Alexandria Troas                     |
| 12 | Ananias restoring Saul's sight     | 36 | Philippi                             |
| 13 | Mount Sinai in Arabia              | 37 | Paul, Silas, and the Jailor          |
| 14 | Convent on Mount Sinai             | 38 | Thessalonica                         |
| 15 | Saul let down in a Basket          | 39 | Paul preaching to the Thessalonians  |
| 16 | Falls of the Cydnus. Day           | 40 | Athens. Panorama of                  |
| 17 | " Moonlight                        | 41 | " The Tribune of Demosthenes         |
| 18 | Antioch in Syria                   | 42 | " The Acropolis with the Parthenon   |
| 19 | S. Barnabas                        | 43 | " North Side of Acropolis            |
| 20 | Antioch, in Syria (Another View)   | 44 | " Mars' Hill. The Areopagus          |
| 21 | Seleucia                           | 45 | " S. Paul preaching on Mars' Hill    |
| 22 | Map of First Missionary Journey    | 46 | " Corinth                            |
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 The Church's one Foundation

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| 52  | " Confirmation at                                  | 76 | Straits of Messina                           |
| 53  | " Ephesians burning their Books                    | 77 | Syracuse                                     |
| 54  | " Ruins of the Temple of Diana                     | 78 | Vesuvius and the Bay of Naples               |
| 55  | " Statue of the Goddess Diana                      | 79 | Puteoli                                      |
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| 59  | Rhodes   | 83 | Panorama of Rome                             |
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| 61  | Tyre   | 85 | S. Paul writing the Epistle to the Ephesians |
| 62  | Ruins of Caesarea                                  | 86 | Caracacius before the Emperor Claudius       |
| 63  | S. Paul on the Castle stairs at Jerusalem          | 87 | Nero   |
| 64  | " Conveyed into the Castle                         | 88 | In the Colosseum. "Awaiting the Verdict"     |
| 65  | " Before the Council                               | 89 | " " "Christiani ad Leones"                   |
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| 68  | Map of Voyage to Rome                              | 92 | Gate of S. Paul and Pyramid of Clistius      |
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| 70a | The situation of the Ship on the Fifteenth morning | 95 | Church of San Paolo fuori le Mura. Interior  |
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 Let saints on earth in concert sing

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| 2 Aleppo, the Capital.  | 47 Three Baby Camels, with Keeper.  | 90 " House of Ananias.  |
| 3 " Citadel, showing Gate and Entrance Passages.  | 48 Cana of Galilee, Kef Kenna.  | 91 " Beit-Jeum and R. Pharpar.  |
| 4 Ain el Tâbigha, near Bethsaida.   | 49 " from Land.   | 92 " Caravan from Bagdad, outside walls   |
| 5 Ain el Tu, Fig Tree Spring, near Bethsaida.   | 50 Capernaum (Tell Kuma).   | 93 " Mahomedan Cemetery.  |
| 6 Baalbec, General View.  | 51 " Landing Place.   | 94 " An Ancient Roman Conduit Still in Use.   |
| 7 " Gate, showing the displaced Keystone.   | 52 " Looking West, Mount of Beatitudes in the distance.   | 95 " Naaman's House.  |
| 8 " View of Square Chambers.  | 53 Cava Well.   | 96 " Site of Naaman's House.  |
| 9 " Six Great Columns.  | 54 Casarea Philippi, General View.  | 97 " A Native Inn.  |
| 10 " Quarries.  | 55 Casarea, on sea coast of Palestine, ruins of old Roman city.                                 | 98 " Place of Paul's Descent.   |
| 11 " Temple of Jupiter, Ext.  | 56 Casarea, Ruins of.   | 99 " The Return of the Hadj.  |
| 12 " The Temple of Jupiter Heliopolis.  | 57 " Philippi.  | 100 " Street Scenes.  |
| 13 " A Piece of the Inner Frieze of the Great Temple brought down in the last earthquake, showing the "Egg and Dart" Design and Helm of the Acanthus. | 58 Carmel Mount from the Sea.   | 101 " "   |
| 14 " The Octagon Temple.  | 59 " Camp.  | 102 " "   |
| 15 " Temple of Sun, Beautiful Ceiling.  | 60 " Place where Elijah Sacrificed.   | 103 " Street Scene.   |
| 16 " Temple, large stones of Wall (Triforium).  | 61 Cedars of Lebanon.   | 104 " The Tomb of Fatima, the favourite wife of Mahomet.  |
| 17 " Rock Tombs.  | 62 " The Great Cedar.   | 105 Dead Sea, Stormy Day.   |
| 18 Babylon, Ruins.  | 63 Conrad's Pool.   | 106 " " and Corn Ship.  |
| 19 Banias, Castle.  | 64 The Halting Place by the Roman Pool where Conrad I. was killed leading his men to the water. | 107 " " View.   |
| 20 Bethany.   | 65 Convent of Mar Saba.   | 108 Arab Camp near the Dead Sea.  |
| 21 " General View.  | 66 Damascus, a white city embedded in a sea of foliage, surrounded by distant desert hills.     | 109 Defile, Jerusalem and Jericho.  |
| 22 " General View.  | 67 " General View.  | 110 Druse Lady in full dress.   |
| 23 " Viewed from East.  | 68 " General View from the Great Mosque.  | 111 Druse Marriage Procession.  |
| 24 " Place of Ascension.  | 69 " General View from the Minaret of the Great Mosque.   | 112 Elim, View in the Wilderness.   |
| 25 " Site of House of Martha and Mary.  | 70 " Panorama from top of Minaret No. 1.  | 113 Emmaus, Well near to.   |
| 26 " Group of Peasants, Guard from the Abou Dix Tribe with swords.  | 71 " Panorama from top of Minaret No. 2.  | 114 Ephesus, General View.  |
| 27 Bethel (Beitla) Ruins, from the West.  | 72 " Panorama from top of Minaret No. 3.  | 115 " General View from site of Temple of Diana (in foreground).  |
| 28 Bethsaida.   | 73 " Panorama from top of Minaret No. 4.  | 116 " Entry Station, Aqueduct and Castle.   |
| 29 Bethlehem, General View.   | 74 " Panorama from top of Minaret No. 5.  | 117 " Castle and St. Mary's Monastery in distance, Site and remains of Temple of Diana (in foreground). |
| 30 " Street.  | 75 " From E. Salhiyah, Dusk - mist rising over the City.  | 118 " Ruins of the Temple of Diana.   |
| 31 " Market Place.  | 76 " Great Mosque.  | 119 " Site of Theatre mentioned in Acts xix.  |
| 32 " Chapel of Nativity, Int., showing the Grotto.  | 77 " Great Mosque, near view.   | 120 " Site of Temple of Diana, a few heaps of stones only left.   |
| 33 " The Church of the Nativity, Ext.   | 78 " Great Mosque, distant view.  | 121 " Image of the Goddess Diana.   |
| 34 " Christmas Day Procession.  | 79 " The Great Mosque.  | 122 " Ruins of S. Mary's Monastery.   |
| 35 " Funeral near.  | 80 " The Great Mosque of the Omuyades, the Cloisters.   | 123 " " Old Gymnasium.  |
| 36 " Rachel's Tomb.   | 81 " Courtyard of Great Mosque, No. 1.  | 124 " Church of, Gate of Persecution.   |
| 37 " "  | 82 " Courtyard of Great Mosque, No. 2.  | 125 " Roman Castle (Asyaluk).   |
| 38 " Solomon's Pool.  | 83 " Great Mosque, Day.   | 126 " Moorish Tomb near Stadium Mt. Coresus.  |
| 39 " Women, showing Head-dress and Out-of-door Costume.   | 84 " East Gate and Street called "Straight."  | 127 " "   |
| 40 " Women.   | 85 " Eastern Gate.  | 128 " Ruins.  |
| 41 " View of Country. Field of Shepherds between Hill on left and Village.  | 86 " God's Gate, Straight Street.   | 129 " Ruins at Foot of Hill.  |
| 42 Bedouin Women Group.   | 87 " The Banks of the Abana.  |   |
| 43 Beyrout.   | 88 " River Abana Waterfall.   |   |
| 44 " showing Hill of Lebanon.   |   |   |
| 45 Camels in Camp (loaded).   |   |   |

## THE HOLY LAND—Continued.

- 130 Ephesus, Background of Great Theatre at S. Paul's Prison (so-called) in distance.
- 131 " Bluejackets Picnic in Theatre.
- 132 " Ruins of Church of Third Council.
- 133 " " in background.
- 134 " Ruins of Ancient Aqueduct.
- 135 " Ancient Aqueduct. Storks' Nests on top of Pillars.
- 136 Gaza, from Samson's Hill.
- 137 " C.M.S. Girls' School.
- 138 " C.M.S. Mission Buildings.
- 139 " C.M.S. Hospital Medical Mission Patients.
- 140 Galilee, A Village.
- 141 " A Girl.
- 142 Gerash, Temple of Surej.
- 143 Gethsemane, Garden of.
- 144 " Inside Gethsemane, City Wall in rear.
- 145 " Tree of the Agony.
- 146 " The Old Olive Tree.
- 147 " Garden of Gethsemane, One of the largest Olive Trees.
- 148 " Olives in the Garden of Gethsemane. Ascent to Jerusalem.
- 149 Grotto of Jeremiah.
- 151 Group of Village Arabs.
- 152 Gelboe, Well of Harod.
- 153 Hama, Syria, View of City also Aqueduct and Irrigation Works.
- 154 " Ruins of, Group of Arabs sitting by a Pool.
- 154 Haifa, The Carmelite Monastery on Mount Carmel, from the Lighthouse.
- 156 Halting-place between Haifa and Nazareth (? Majeidel) (? Semuneh).
- 157 Hebron.
- 158 " Abraham's Oak, Plain of Mamre, and Hebron in the distance.
- 159 " Abraham's Oak.
- 160 " Cave of Machpelah, looking down on the Mosque.
- 161 " Pools of Solomon.
- 162 Jaffa, from the Sea.
- 163 " " Near View.
- 164 " " Distant View.
- 165 " " from Land.
- 166 " A Distant View from Road to House of Dorcas.
- 167 " Tomb of Dorcas.
- 168 " Roof of Simon's House.
- 169 " A Tanner's House.
- 170 Train leaving Jaffa for Jerusalem.
- 171 Jabbok Brook.
- 173 Jenin.
- 174 Jericho.
- 175 " The Sycamore of Zaccheus, a Palm Tree, and very old Vine.
- 176 Jericho. Church of S. Zaccheus.
- 177 " Church of S. Zaccheus, Churchyard.
- 178 " Elisha's Fountain near.
- 179 " Inn of the Good Samaritan, on the road to.
- 180 Jerusalem to Jericho, The Khân of the Good Samaritan.
- 181 Road to Jericho, with Bedouin and Camels.
- 182 " " in the Wady Kelt.
- 183 Jehoshaphat, Tomb of Absalom.
- 184 Jerusalem, Ancient.
- 185 " Modern.
- 186 " In the Time of our Lord. 8s. 6d.
- 187 " Plan of City.
- 188 " Map of, and Environs.
- 189 " from Mount of Olives.
- 190 " "
- 191 " Mount " of Olives from the Wall, showing road to Bethany, Tower of David, the Virgin's Tomb.
- 192 " Mount of Olives.
- 193 " Looking towards Mount of Olives.
- 194 " View from corner of the road coming from Bethany, whence descent commences and where Christ probably halted with His disciples and wept over the city. Looking across Kedron Valley to the Temple and Mosque.
- 195 " looking across Kedron Valley from road to Bethany.
- 196 " from road to Bethany.
- 197 " from N.
- 198 " View of the City from David's Tower.
- 199 " View from the Mount of Olives.
- 200 " N. Side, looking E. from the Monastery of Notre Dame.
- 201 " Part of the East Wall, looking N.
- 202 " East Wall, with Mohammedan Cemetery and Mosque of Omar.
- 203 " Section of South Wall, showing Jewish and Crusading Work.
- 204 " Entrance to Sacred Summit, Mount Moriah.
- 205 " " showing Pulpit.
- 206 Jerusalem, Mosque of El Aksa. Ext. and Court.
- 207 " " Int.
- 208 " The " Mosque of Omar.
- 209 " "
- 210 " Mount Moriah, View of Mosque of Omar.
- 211 " Mosque of Omar, Near View, Ext.
- 212 " Mosque of Omar, Ext.
- 213 " Mosque of Omar, Int., showing Summit of Mount Moriah.
- 214 " Damascus Gate, Int. View.
- 215 " Gate Damascus, from Ext.
- 216 " The Dung Gate.
- 217 " The Golden Gate.
- 218 " The Golden Gate.
- 219 " The Golden Gate, Int.
- 220 " Golden Gate, Int.
- 221 " The Golden Gate and Temple Wall through which tradition says Christ entered on Palm Sunday, and closed till His return.
- 222 " The Jaffa Gate.
- 223 " Jaffa Gate, showing Gap made in the Wall for the German Emperor.
- 224 " St. Stephen's Gate, leading to Bethany.
- 225 " The Zion Gate.
- 226 " The Zion Gate.
- 227 " The Zion Gate and David's Gate.
- 228 " The Garden Tomb.
- 229 " Tomb in Garden, near Calvary, Exterior.
- 230 " " Int.
- 231 " Conjectured View of the Exterior of the Sepulchre, showing Rolling Stone (from a print).
- 232 " Conjectured View of the Interior of the Sepulchre (from a print).
- 233 " Rolling Stone at the Tomb's Mouth.
- 234 " Interior of Tomb discovered in a garden nigh unto the place where He was.
- 235 " Church of the Ascension.
- 236 " Chapel of the Ascension, Mt. Olivet.
- 237 " Mosque on the Mt. of Olives by the Church of the Ascension.
- 238 " Cloisters of the Church of the Pater Noster on the Mount of Olives, where the Lord's Prayer is painted up in 32 languages.

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| 240 | " Church of Holy Sepulchre.  | 271 | " Street Musicians.  | 327 | " showing Bay.  |
| 241 | " Church of Holy Sepulchre, Plan of Sepulchre.   | 272 | " Solomon's Stables.   | 328 | " Pentateuch Rolls, Closed.   |
| 242 | " Church of Holy Sepulchre, Int.   | 273 | " Stoning Place.   | 329 | " The Pentateuch Rolls, Open.   |
| 243 | " Church of Holy Sepulchre, Interior of Entrance.  | 274 | " Old Covered Street.  | 330 | " The Old Pentateuch Roll, Closed.  |
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| 247 | " Church of the Holy Sepulchre, Int.   | 278 | " The Temple, Valley of Kedron, Village of Siloam, and Mt. of Olives on the right. | 334 | " River Bed and the great Church.   |
| 248 | " Church of the Holy Sepulchre, showing holes from which "holy fire" issues at the Greek Easter.   | 279 | " David's Tomb.  | 335 | Petra, Rock Tombs.  |
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| 255 | " Church of Holy Cross, Int.   | 286 | " "Jews' Walling-place outside the Wall of Temple.                                 | 342 | " Tower of Forty Martyrs.   |
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- 92 Hope (Firle)  
 93 Faith (Firle)  
 94 The Widower and His Child (Liska)  
 95 "Why do the Heathen rage?" Psalm II. (Brütt)  
 96 "And a little child shall lead them" (Strutt)  
 97 The Helper of the Helpless (Zimmermann)  
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 100 "My Kinkedom is not of this World": Christ in a Modern Church (Danger).  
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 102 "Come unto Me": Christ at a Modern Communion Service (Weucher).  
 103 Christ Bound and Mocked by Modern People (Beraud).  
 104 Descent from the Cross: The Body being taken down by Modern People (Beraud).  
 105 Faith, Hope, and Charity (Delance).  
 106 Christmas Bells (Blashfield).  
 107 The Prayer (Child Praying) (Sain).  
 108 Evening Prayer (Laronze).  
 109 The Guardian Angel (Tessier).  
 110 Guardian Angels (Munier).  
 111 St. Francis Blesses the Town of Assisi (Benouville).  
 112 The Last Moments of St. Francis of Assisi (Frappe).  
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 136 Christ the Consoler (Blind).  
 137 The Knight at the Cross (Waller).  
 138 The Knight at the Cross. With words, "Silent Prayer" (Waller).  
 139 The Evening Hymn. Int. of Church (Twidle).  
 140 Crusaders Marching. "Onward, Christian Soldiers" (Twidle).  
 141 "Follow Me" (Twidle).  
 142 "Of such is the Kingdom of Heaven" (Twidle).  
 143 Christ and His Knight. "Sending forth" (Twidle).  
 144 Christ and His Knight. "Kept by the Power of God" (Twidle).  
 145 Christ and His Knight. "The Crown of Glory" (Twidle).  
 146 The Heavenly Pilot. Christ Steering the Boat (Twidle).  
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 148 The Sword of Damocles.  
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 151 The Children's Saviour (Haycraft).  
 152 The Vale of Tears (Doré).  
 153 A Christian Martyr (De la Roche).  
 154 The Doctor (Sir Luke Fildes).  
 155 Diana or Christ? (Edwin Long).  
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 158 The Night Watch. Lions prowling at Night amongst the Ruins of the Temple of Memnon at Thebes (Briton Riviere).  
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 166 The Lost Path (Woman with child in the snow) (F. Walker).  
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 168 A Disciple (Sir J. E. Millais).  
 169 "And the Sea gave up the Dead that were in it" (Lord Leighton).

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## Y K

## IV.—PILATE.

*Beautifully Painted, £12 13s. the set; Cheap Series Painted, £6 4s. the set;  
Plain Slides, £2 8s. the set.*

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| <ol style="list-style-type: none"> <li>1 Hymn.</li> <li>2 Let us Pray.</li> <li>3 General Confession.</li> <li>4 "I Heard the Voice of Jesus" (<i>Hofmann</i>).</li> <li>5 "Behold, I Freely Give the Living Water" (<i>Hofmann</i>).</li> <li>6 "I am this Dark World's Light" (<i>Holman Hunt</i>).</li> <li>7 Christ Condemned by Pilate (<i>Statuary</i>).</li> <li>8 Hymn.</li> <li>9 "Is it Nothing to You?"</li> <li>10 House of Pontius Pilate, the Governor.</li> <li>11 The Forum, Site of the Gabbatha (<i>Tissot</i>).</li> <li>12 Themis, Goddess of Justice (<i>Statue</i>).</li> <li>13 The Roman Soldier (<i>Tissot</i>).</li> <li>14 Roman Bull Fight (<i>Wagner</i>).</li> <li>15 A Typical Jew (<i>Tissot</i>).</li> <li>16 The Temple and the Aqueduct (<i>Tissot</i>).</li> <li>17 After the Massacre (<i>Tissot</i>).</li> <li>18 The Wise and Foolish Virgins (<i>Fugel</i>).</li> </ol> | <ol style="list-style-type: none"> <li>19 Pilate and the Chief Priests (<i>Dixon</i>).</li> <li>20 Christ before Pilate (<i>Dixon</i>).</li> <li>21 "I Find no Fault in Him" (<i>Dixon</i>).</li> <li>22 Pilate and the People (<i>Dixon</i>).</li> <li>23 Christ Led Back to Pilate (<i>Tissot</i>).</li> <li>24 Scourging (<i>Dixon</i>).</li> <li>25 Mocking (<i>Dixon</i>).</li> <li>26 Behold the Man (<i>Dixon</i>).</li> <li>27 The Dream of Pilate's Wife (<i>Downey</i>).</li> <li>28 Presented to the People (<i>Hofmann</i>).</li> <li>29 Tiberius (<i>Statue</i>).</li> <li>30 Pilate Washes his Hands (<i>Tissot</i>).</li> <li>31 Joseph of Arimathea and Pilate (<i>Dixon</i>).</li> <li>32 Mount Pilatus.</li> <li>33 The Man in the Iron Cage (<i>Copping</i>).</li> <li>34 The Martyr at the Stake (<i>Copping</i>).</li> <li>35 Ecce Homo (<i>Guido Reni</i>).</li> <li>36 Silent Prayer.</li> <li>37 Hymn.</li> </ol> |
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## LANTERN SERVICES—Continued.

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## V.—THE MULTITUDE.

*Beautifully Painted, £14 6s. 6d. the set; Cheap Series Painted, £6 13s. 6d. the set;  
Plain Slides, £2 11s. the set.*

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| <ol style="list-style-type: none"> <li>1 Hymn.</li> <li>2 Let us Pray.</li> <li>3 General Confession.</li> <li>4 Litany.</li> <li>5 "But One was Out on the Hills Away" (Dixon).</li> <li>6 "Lord, Thou Hast Here Thy Ninety and Nine" (Sybil Parker).</li> <li>7 "How Dark was the Night" (Dixon).</li> <li>8 "Lord, Whence are those Blood-drops?"</li> <li>9 "Rejoice, I have Found My Sheep" (Dixon).</li> <li>10 Christ in Gethsemane (Hofmann).</li> <li>11 Hymn.</li> <li>12 Crucifixion (Laserger).</li> <li>13 Moses and the Tables of the Law (Tissot).</li> <li>14 Sprinkling the Blood on the Lintel (Tissot).</li> <li>15 The Prophet Isaiah (Tissot).</li> <li>16 The Youth of Jesus (Tissot).</li> <li>17 The Sermon on the Mount (Tissot).</li> <li>18 Healing the Sick (Tissot).</li> <li>19 Raising the Dead (Tissot).</li> </ol> | <ol style="list-style-type: none"> <li>20 Come unto Me (Tissot).</li> <li>21 Then Took They up Stones (Tissot).</li> <li>22 Entry into Jerusalem (Hofmann).</li> <li>23 The False Witnesses (Tissot).</li> <li>24 Let Him be Crucified (Tissot).</li> <li>25 Barabbas (Tissot).</li> <li>26 To Golgotha (Hofmann).</li> <li>27 Christ, the Cross-bearer (Papperitz).</li> <li>28 Death of Stephen (Millais).</li> <li>29 A London Crowd.</li> <li>30 Behold, I Stand at the Door and Knock (Hofmann).</li> <li>31 The Gadarene Swine (Briton Riviere).</li> <li>32 As Little Children (Benjamin West).</li> <li>33 The Pilot.</li> <li>34 "Why do the Heathen Rage?" (Brutt).</li> <li>35 Christ Standing at the Church Door (Dietrich).</li> <li>36 The Crucifixion (Herm Lang).</li> <li>37 Silent Prayer.</li> <li>38 Hymn.</li> </ol> |
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## VI.—THE STORY OF THE PASSION.

*Beautifully Painted, £13 13s. the set; Cheap Series Painted, £6 12s. 6d. the set.  
Plain Slides, £2 12s. 3d. the set.*

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| <ol style="list-style-type: none"> <li>1 Hymn.</li> <li>2 Litany.</li> <li>3 General Confession.</li> <li>4 "Is it Nothing to You?"</li> <li>5 Silent Prayer.</li> <li>6 The Jews' Passover (Tissot).</li> <li>7 The Last Supper.</li> <li>8 Christ in Gethsemane (Hofmann).</li> <li>9 The Kiss of Judas (Geiger).</li> <li>10 The False Witnesses (Tissot).</li> <li>11 "The High Priest Rent his Clothes" (Tissot).</li> <li>12 Hymn.</li> <li>13 Peter's First Denial (Tissot).</li> <li>14 Peter's Second Denial (Tissot).</li> <li>15 The Lord Turned and Looked on Peter (Graf Harrach).</li> <li>16 Pilate and the Priests (Dixon).</li> <li>17 Christ before Pilate the First Time (Tissot).</li> <li>18 "I Find in Him no Fault at All" (Dixon).</li> <li>19 "Barabbas, Barabbas!" (Dixon).</li> <li>20 The Derision (Dixon).</li> <li>21 Brought Before the People (Tissot).</li> <li>22 Pilate Washing his Hands (Forsyth).</li> <li>23 Hymn.</li> </ol> | <ol style="list-style-type: none"> <li>24 Simon the Cyrenian (Statuary).</li> <li>25 "Weep Not for Me" (Statuary).</li> <li>26 The First Nail (Tissot).</li> <li>27 "There is a Green Hill."</li> <li>28 "We May Not Know, we Cannot Tell" (Tissot).</li> <li>29 "He Died that we Might be Forgiven" (Tissot).</li> <li>30 "There was None Other Good Enough" (Benz).</li> <li>31 "Oh, Dearly, Dearly, has He Loved" (Fiele).</li> <li>32 "Lord, Remember Me" (Tissot).</li> <li>33 "Woman, Behold thy Son" (Bernats).</li> <li>34 Let us Pray.</li> <li>35 Ecce Homo (Guido Reni).</li> <li>36 Hymn.</li> <li>37 "It is Finished" (Guido Reni).</li> <li>38 "Behold the Lamb of God" (Statuary).</li> <li>39 "They Watched Him There" (Tissot).</li> <li>40 "They Parted His Raiment" (Tissot).</li> <li>41 The Centurion (Tissot).</li> <li>42 Confession of the Centurion (Tissot).</li> <li>43 Hymn.</li> </ol> |
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## VII.—THE SEVEN WORDS FROM THE CROSS.

*Beautifully Painted, £6 8s.; Cheap Series Painted, £2 19s. 6d.; Plain Slides, £1 6s. 9d.*

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| <ol style="list-style-type: none"> <li>1 Hymn.</li> <li>2 Let us Pray.</li> <li>3 "Veni Creator."</li> <li>4 Crucifix.</li> <li>5 Crucifixion (Benz).</li> <li>6 Silent Prayer.</li> <li>7 Litany.</li> <li>8 The Seven Last Words.</li> <li>9 Christ Nailed to the Cross (Doré).</li> <li>10 Hymn.</li> <li>11 The Penitent Thief (Tissot).</li> <li>12 Christ the Consoler (Blindé).</li> <li>13 Hymn.</li> <li>14 At Golgotha (Bernats).</li> </ol> | <ol style="list-style-type: none"> <li>15 St. John and the Virgin (Dobson).</li> <li>16 Hymn.</li> <li>17 Crucifixion.</li> <li>18 Faith (Fiele).</li> <li>19 Hymn.</li> <li>20 Head of Christ (Guido Reni).</li> <li>21 "Inasmuch as" (Mountfort).</li> <li>22 "Why Do the Heathen Rage?" (Brutt).</li> <li>23 Hymn.</li> <li>24 Crucifixion (Herm Lang).</li> <li>25 Hymn.</li> <li>26 "Father into Thy Hands" (Fuore).</li> <li>27 Hymn.</li> <li>28 General Thanksgiving.</li> </ol> |
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## LANTERN SERVICES—Continued.

## YO VIII.—THE CROSS AND PASSION OF OUR LORD JESUS CHRIST.

*Beautifully Painted, £15 19s.; Cheap Series Painted, £7 6s. 6d.; Plain Slides, £2 16s. 3d.*

- |   |  |
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| <ol style="list-style-type: none"> <li>1 Introduction.</li> <li>2 Hymn.</li> <li>3 Let us Pray.</li> <li>4 General Confession.</li> <li>5 "Hark all the Trihes" (<i>Ploekhorst</i>).</li> <li>6 "In Lowly Pomp" (<i>Edeifeldt</i>).</li> <li>7 "The Angel Armies of the Sky" (<i>Thomson</i>).</li> <li>8 "The Father on His Sapphire Throne" (<i>Dixon</i>).</li> <li>9 "Bow Thy Meek Head" (<i>Dixon</i>).</li> <li>10 The Last Supper (<i>Leonardo da Vinci</i>).</li> <li>11 "Bread of the World" (<i>Muller</i>).</li> <li>12 "And be Thy Blood to us the Token" (<i>Hofmann</i>).</li> <li>13 The Mount of Olives.</li> <li>14 Christ in Gethsemane (<i>Heufc</i>).</li> <li>15 "Could ye Not Watch?" (<i>Sir Noel Paton</i>).</li> <li>16 Hymn.</li> <li>17 The Betrayal (<i>Doré</i>).</li> <li>18 Peter and John Following Afar Off (<i>Dixon</i>).</li> <li>19 The Derision (<i>Hofmann</i>).</li> <li>20 The Scourging (<i>Doré</i>).</li> <li>21 Christ Bearing the Cross (<i>Forryth</i>).</li> <li>22 "There is a Green Hill Far Away" (<i>Clark</i>).</li> <li>23 "We May Not Know" (<i>Dixon</i>).</li> </ol> | <ol style="list-style-type: none"> <li>24 "He Died that we Might go to Heaven" (<i>Dixon</i>).</li> <li>25 "There was no Other" (<i>Thorwaldsen</i>).</li> <li>26 "Oh, Dearly, Dearly, has He Loved" (<i>Hofmann</i>).</li> <li>27 Nailed to the Cross (<i>Doré</i>).</li> <li>28 "O come and Mourn" (<i>Benz</i>).</li> <li>29 "Have we no Tears?" (<i>Ploekhorst</i>).</li> <li>30 "How Fast His hands" (<i>Dixon</i>).</li> <li>31 "Seven Times He Spake" (<i>Dixon</i>).</li> <li>32 "Come, Let us Stand" (<i>Hofmann</i>).</li> <li>33 "A Broken Heart" (<i>Lingner</i>).</li> <li>34 "The Penitent Thief" (<i>Tissot</i>).</li> <li>35 Hymn.</li> <li>36 The Confession of the Centurion (<i>Dixon</i>).</li> <li>37 Hymn.</li> <li>38 Taken Down from the Cross (<i>Papperitz</i>).</li> <li>39 The Dead Christ (<i>De la Roche</i>).</li> <li>40 Carried to His Burial (<i>Pfandschmidt</i>).</li> <li>41 The Entombment (<i>Jalabert</i>).</li> <li>42 By Jesus' Grave (<i>Hofmann</i>).</li> <li>43 In the Sepulchre (<i>Az Scheffer</i>).</li> <li>44 Hymn.</li> <li>45 Silent Prayer.</li> </ol> |
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## YR

## IX.—TEMPTATION.

*Beautifully Painted, £15 0s. 6d. the set.*

*Cheap Series, Painted, £6 12s. 0d. "*

*Plain Slides, £2 8s. 9d. "*

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|--|--|
| <ol style="list-style-type: none"> <li>1 Hymn.</li> <li>2 Let us Pray.</li> <li>3 Litany.</li> <li>4 With the Wild Beasts (<i>Vedder</i>).</li> <li>5 "Angelic Songs are Swelling" (<i>Bodenhausen</i>).</li> <li>6 "Still we Hear them Singing" (<i>Thomson</i>).</li> <li>7 "The Voice of Jesus" (<i>Dietrich</i>).</li> <li>8 "Rest Comes at Length" (<i>Falcio</i>).</li> <li>9 Athlete and Python (<i>Leighton</i>).</li> <li>10 The Baptism of Jesus (<i>Hofmann</i>).</li> <li>11 The First Temptation (<i>Dixon</i>).</li> <li>12 The Miracle of the Loaves and Fishes (<i>Tissot</i>).</li> <li>13 The Trial (<i>Frith</i>).</li> <li>14 Napoleon (<i>De La Roche</i>).</li> <li>15 Christ at Prayer (<i>Heufc</i>).</li> <li>16 Silent Prayer.</li> <li>17 Ancient Jerusalem (<i>Martin</i>).</li> <li>18 Coming in Clouds.</li> <li>19 The Pharisees Question Jesus (<i>Tissot</i>).</li> </ol> | <ol style="list-style-type: none"> <li>20 "Wilt Thou that we Command Fire?" (<i>Dixon</i>).</li> <li>21 Savonarola.</li> <li>22 Savonarola Preaching (<i>Langenmantel</i>).</li> <li>23 Savonarola's Farewell (<i>Häberlin</i>).</li> <li>24 The Guardian Angel.</li> <li>25 The Dungeon of Giant Despair (<i>Dixon</i>).</li> <li>26 Hymn.</li> <li>27 The Kingdoms of this World (<i>Dixon</i>).</li> <li>28 The Derision (<i>Hofmann</i>).</li> <li>29 "All shall be Thine" (<i>Corneilus</i>).</li> <li>30 Ancient Carthage (<i>Turner</i>).</li> <li>31 Regulus Departing for Carthage (<i>Camuccina</i>).</li> <li>32 "Get thee behind Me, Satan" (<i>Hofmann</i>).</li> <li>33 The Christian Malden (<i>Merle</i>).</li> <li>34 The Lord is Nigh (<i>Tissot</i>).</li> <li>35 Our Saviour (<i>Hofmann</i>).</li> <li>36 The Straits of the Sirens (<i>Speed</i>).</li> <li>37 The Burning Fiery Furnace.</li> <li>38 Hymn.</li> </ol> |
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For continuation of these New Lantern Services see next page.

TRADE



MARK.

## LANTERN SERVICES—Continued.

## "LANTERN SERVICES." VOLUME II.

Containing all the following Fifteen Services, Cloth bound, 3s. net.

The first four of these, Nos. X. to XIII., are specially suitable for an Advent course; the next five, Nos. XIV. to XVIII., on "A Disciplined Body," are primarily intended for a Lenten course, to be concluded by No. XIX., "The Way of Grief," in Holy Week. The remainder are suitable for any time in the Church's year, the four last, Nos. XXI. to XXIV., lending themselves to a course on "Lives"—The Life of Joseph, Moses, St. Peter, the Voyage of Life; and some may like to add The Life of Christ, using the 30 Slides by Hoffmann on Page 301 to illustrate it.

## Y S

## X.—THE COMING OF THE LORD.

<i>Beautifully Painted,</i>	£12 1s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 7s. 0d. „
<i>Plain Slides,</i>	£1 17s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Litany.
- 5 Lord's Prayer.
- 6 The Night.
- 7 The Night of Sorrow
- 8 The Grave.
- 9 The Wise and Foolish Virgins (Fugel).
- 10 Hymn.
- 11 The Heavenly Reaper (Dixon).
- 12 Christ's Exhortation to the Twelve (Tissot).
- 13 Why do the Heathen Rage? (Brütt).
- 14 Christ the Consoler (Zimmerman).
- 15 Where Two or Three (Hofmann).
- 16 Lord have Mercy (Dietrich).
- 17 Destruction of Jerusalem (Lambert).
- 18 The Trial (Frith).

- 19 Martyrdom of St. Stephen (Mariani).
- 20 When ye Shall Search.
- 21 Christ the Consoler (Blidd).
- 22 Christ Descends in Glory (Dixon).
- 23 The Last Trump (Dixon).
- 24 Silent Prayer.
- 25 Hymn.
- 26 They Took their Lamps (Dixon).
- 27 They all Slumbered (Dixon).
- 28 The Midnight Cry (Dixon).
- 29 They Trimmed their Lamps (Dixon).
- 30 Parable of the Sower.
- 31 The Oil on the Fire (Dixon).
- 32 They Went Away to Buy (Dixon).
- 33 The Bridegroom Came (Dixon).
- 34 The Shut Door (Dixon).
- 35 Crucifixion (Hofmann).
- 36 Hymn.

## Y T

## XI.—DEATH AND AFTER.

<i>Beautifully Painted,</i>	£10 15s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 0s. 0d. „
<i>Plain Slides,</i>	£1 19s. 3d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 Lord's Prayer.
- 5 Psalm xc.
- 6 He is Risen (Bloch).
- 7 The Assyrians Slain (Villégas).
- 8 A Gift from Heaven (Plockhorst).
- 9 In the Church (Rettig).
- 10 The Rider on the Pale Horse (Doré).
- 11 The Shepherd's Chief Mourner (Landseer).
- 12 The King of Terrors (Tissot).
- 13 In the Cemetery.
- 14 The Catacombs at Rome.
- 15 St. Stephen (Millais).
- 16 The Entombment (Hofmann).

- 17 The Resurrection (Hofmann).
- 18 St. Peter Preaching (Dixon).
- 19 Crossing the River (Copping).
- 20 Meditation on Death.
- 21 The Rich Fool (Tissot).
- 22 Hymn.
- 23 Trial of the Dead in Ancient Egypt.
- 24 The Judgment Hall of Osiris.
- 25 The Sheep and the Goats.
- 26 The Unprofitable Servant (Dixon).
- 27 The Draw Net (Tissot).
- 28 Outside the Gate (Copping).
- 29 The Last Judgment (Doré).
- 30 Our Saviour (Hofmann).
- 31 Silent Prayer.
- 32 Hymn.

## LANTERN SERVICES—Continued.

## YU

## XII.—A CAROL SERVICE.

<i>Beautifully Painted,</i>	£13 10s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 19s. 0d. „
<i>Plain Slides,</i>	£2 6s. 0d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 The Lord's Prayer.
- 4 The Annunciation (Holden).
- 5 The Annunciation (Hacker).
- 6 Maria (Muller).
- 7 A Messenger of Peace (Bodenhausen).
- 8 The Magnificat.
- 9 The Nativity.
- 10 Madonna and Child (Bodenhausen).
- 11 The Holy Family (De Fregger).
- 12 Behold I Bring (Thurmann).
- 13 The Holy Night (Zimmerman).
- 14 The First Christmas Morn (Thomson).
- 15 Angels and Shepherds (Edelfeld).
- 16 The Holy Night (Muller).
- 17 The Wise Men Journeying (Tissot).
- 18 The Adoration of the Wise Men (Edelfeld).

- 19 The Wise Men in the Palace.
- 20 Crossing the Desert.
- 21 Adoration of the Magi (Pfanschmidt).
- 22 Hymn.
- 23 Flight into Egypt (Tissot).
- 24 Massacre of the Innocents (Coghiet).
- 25 Mary in the Desert (De la Roche).
- 26 Madonna and Child (Marr).
- 27 The Star of Bethlehem (Pighien).
- 28 The Birth at Bethlehem (Hofmann).
- 29 Glory to God (Plockhorst).
- 30 Madonna and Child (Thurmann).
- 31 A Little Child Shall Lead Them (Strutt).
- 32 A Peacemaker (Marcus Stone).
- 33 Henry IV. Distributing Food at Christmas.
- 34 Virgin and Child (Max).
- 35 Silent Prayer
- 36 Hymn.

## YV

## XIII.—THE MOTHER OF OUR LORD.

<i>Beautifully Painted,</i>	£12 4s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 10s. 0d. „
<i>Plain Slides,</i>	£2 4s. 3d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 Lord's Prayer.
- 5 Magnificat.
- 6 Annunciation (Rossetti).
- 7 Virgin and Child (Max).
- 8 Holy Night (Feuerstein).
- 9 Patient in Tribulation (Goodall).
- 10 Maria Magdalene (Lingner).
- 11 Madonna and Child (Thurmann).
- 12 The Child Christ, with His Mother (Muller).
- 13 Madonna in Prayer (Salvi).
- 14 Holy Family (DeFregger).
- 15 Hope (Firle).
- 16 Annunciation (Hacker).
- 17 Madonna (Dolci).
- 18 The Light of the World (Holman Hunt).

- 19 Hymn.
- 20 Mary Visits Elisabeth.
- 21 Joseph Seeks a Lodging in Bethlehem (Tissot).
- 22 Nativity (Suchodolski).
- 23 The Birth of Christ (Zimmerman).
- 24 Simeon Praising God (Dobson).
- 25 Adoration of the Magi (Hofmann).
- 26 Flight into Egypt (Kaulbach).
- 27 Christ in His Parents' Home (Hofmann).
- 28 Jesus Left Behind at Jerusalem (Tissot).
- 29 Jesus Found in the Temple (Tissot).
- 30 Hymn.
- 31 Marriage at Cana (Hofmann).
- 32 Mater Dolorosa (Bruntingen).
- 33 Good Friday (De la Roche).
- 34 The Star of Bethlehem (Pighien).
- 35 Silent Prayer.
- 36 Hymn.

## YW

## XIV.—A DISCIPLINED BODY—THE APPETITE.

<i>Beautifully Painted,</i>	£10 1s. 0d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£4 12s. 6d. „
<i>Plain Slides,</i>	£1 13s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Lord's Prayer.
- 5 Dives and Lazarus (Forsyth).
- 6 Psalm II.
- 7 Apostles' Creed.
- 8 Versicles.
- 9 The Dying Christ (Caracci).
- 10 St. Mary Magdalene (Scheffer).
- 11 Towards a Better World (Faliero).
- 12 Crucifix (Statuary).
- 13 Christ in the Wilderness (Lucas).
- 14 The First Temptation (Dixon).
- 15 The Plough (Dobson).
- 16 Raising of Jairus' Daughter (Keller).
- 17 Sealing Kosher Meat in the East End
- 18 A Snared Gull (Lodge).

- 19 Quails are Sent (Tissot).
- 20 The Plate of Lentils (Tissot).
- 21 Dives and Lazarus (Doré).
- 22 The Rich Man's Feast.
- 23 Belshazzar's Feast (Doré).
- 24 The First Glass (Davis).
- 25 The Drunkard's Wife.
- 26 The Drinker.
- 27 Hymn.
- 28 Christ in the Desert.
- 29 The Race (Stewart).
- 30 C.E.T.S. Pledge Card.
- 31 The Last Supper.
- 32 Cottage Piety (Webster).
- 33 Return of the Prodigal (Duhuse).
- 34 Silent Prayer.
- 35 Hymn.



## LANTERN SERVICES—Continued.

## Y X

## XV.—A DISCIPLINED BODY—THE TONGUE.

<i>Beautifully Painted,</i>	£10 16s. 6d. the set.
<i>Cheap Series Painted,</i>	£5 3s. 6d. „
<i>Plain Slides,</i>	£2 0s. 6d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 A Short Confession.
- 4 Lord's Prayer.
- 5 Psalm cxix., 169—176.
- 6 Illustrated Text.
- 7 The Prodigal Son (Statuary).
- 8 Christ (Statuary).
- 9 A Snake.
- 10 The Barbican Ablaze.
- 11 The Deadly Arrow (Dicksee).
- 12 Esther Accuseth Haman (Villégas).
- 13 The Blasphemer Stoned (Doré).
- 14 Jephthah Sees his Daughter (Tissot).
- 15 Murder of Becket.
- 16 The False Witnesses (Tissot).
- 17 Rabshakeh's Blasphemy (Villégas).
- 18 Pilgrims in a Storm.

- 19 Talkative (Copping).
- 20 Christ Preaching (Hofmann).
- 21 Silent Prayer.
- 22 Hymn.
- 23 Carmelite Nun (Forester).
- 24 The Buried Talent (Tissot).
- 25 The Children's Hymn.
- 26 Nicodemus Visits Christ (Dixon).
- 27 St. Peter Preaching (Dixon).
- 28 A Ragged School.
- 29 Eli and his Sons (Tissot).
- 30 Grief and Consolation (Wolf).
- 31 Help, the King's Officer (Copping).
- 32 The Scold's Bridle.
- 33 The Cleansed Heart.
- 34 Ecce Homo (G. Renl).
- 35 Hymn.

## Y Y

## XVI.—A DISCIPLINED BODY—THE EYE.

<i>Beautifully Painted,</i>	£10 5s. 6d. the set.
<i>Cheap Series Painted,</i>	£4 17s. 6d. „
<i>Plain Slides,</i>	£1 18s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Litany.
- 5 Lord's Prayer.
- 6 Healing the Blind (Hofmann).
- 7 The Kingdoms of this World (Dixon).
- 8 The Choice (Max Ehler).
- 9 The Blind Beggar (Dyckmans).
- 10 The Serpent Deceiveth Eve (W. Crane).
- 11 Pandora (Downey).
- 12 On the Alert (Koch Koch).
- 13 Joshua Questions Achan (Tissot).
- 14 Bunyan and the Bellerophons (Copping).
- 15 A Roman Bullfight (Wagner).
- 16 Samson Turns the Mill-stone (Tissot).
- 17 Dante and the Envious (Flandrin).

- 18 The Woman Taken in Adultery (Hofmann).
- 19 Ephesians Burning their Books (Raphael).
- 20 Reading the Newspaper.
- 21 The Man with the Muck-rake (Copping).
- 22 Silent Prayer.
- 23 Hymn.
- 24 Pilgrims at Mecca (Caton Woodville).
- 25 Westminster Abbey Choir.
- 26 Primroses.
- 27 A Christian Maiden (Merle).
- 28 The Good Samaritan.
- 29 Job and his Friends (Tissot).
- 30 Vanity Fair (Copping).
- 31 Christ and St. Thomas (Zimmermann).
- 32 Healing the Blind Man (Forsyth).
- 33 Hymn.

## Y Z

## XVII.—A DISCIPLINED BODY—THE EAR.

<i>Beautifully Painted,</i>	£10 7s. 6d. the set.
<i>Cheap Series Painted,</i>	£4 17s. 6d. „
<i>Plain Slides,</i>	£2 0s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Lord's Prayer.
- 5 Parable of the Sower.
- 6 Psalm cxxx.
- 7 The Apostles' Creed.
- 8 Versicles.
- 9 Christ the Comforter.
- 10 Ecce Homo (Plockhorst).
- 11 The City Gate.
- 12 Christ Writing on the Ground (Tissot).
- 13 The Pharisees Question Jesus (Tissot).
- 14 The False Prophets (Tissot).
- 15 The Disobedient Prophet (Gerome).
- 16 Entangled in the Net (Copping).
- 17 Canute and the Waves.

- 18 St. Paul at Athens (Raphael).
- 19 Hymn.
- 20 The Serpent and Enchanter (Tissot).
- 21 He that is of God Heareth God's Voice (Tissot).
- 22 Jesus with Mary and Martha (Hofmann).
- 23 The Queen of Sheba (Tissot).
- 24 Service in Truro Cathedral (Prater).
- 25 The Rich Young Ruler (Hofmann).
- 26 Moses and Pharaoh (Tissot).
- 27 He Passed by on the Other Side (Dixon).
- 28 The Chief Priests Take Counsel (Tissot).
- 29 Behold, I Stand at the Door (Hofmann).
- 30 Cursing the Fig Tree (Dixon).
- 31 Silent Prayer.
- 32 Hymn.

## LANTERN SERVICES—Continued.

## Z A

## XVIII.—A DISCIPLINED BODY—THE TEMPER.

*Beautifully Painted,* £11 16s. 6d. *the set.**Cheap Series Painted,* £5 8s. 6d. „*Plain Slides,* £2 0s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 Lord's Prayer.
- 5 Psalm xxxvii. 1—11.
- 6 Death of Abel (Etty).
- 7 Peace be unto You (Hofmann).
- 8 God Protects His Own (Raupp).
- 9 The Golden Morn is Breaking.
- 10 The Last Trump (Dixon).
- 11 Jeremiah (Tissot).
- 12 My House shall be Called the House of Prayer (Hofmann).
- 13 Moses Sees the Promised Land (Tissot).
- 14 Effects of Earthquake.
- 15 The Unmerciful Servant.
- 16 Wilt Thou that we Bid Fire to Come Down? (Dixon)

- 17 John Baptist Beheaded (Morelli).
- 18 Ahab's Anger (Tissot).
- 19 Obstinate Goes Railing Home (Dixon).
- 20 The Girl-Martyr (Reiff).
- 21 Cain and Abel (Gehhardt).
- 22 Silent Prayer.
- 23 Hymn.
- 24 Moses (Tissot).
- 25 The Sermon on the Mount (Dixon).
- 26 The First Nail (Tissot).
- 27 St. Stephen (Millais).
- 28 The Sanctuary.
- 29 Explosion in a Coal Mine.
- 30 Sunset.
- 31 Christ Stilling the Tempest (Dietrich).
- 32 Evangelist Points the Way (Copping).
- 33 Christian Loses his Burden (Copping).
- 34 Hymn.

## Z B

## XIX.—THE WAY OF GRIEF.

*Beautifully Painted,* £4 15s. 6d. *the set.**Cheap Series Painted,* £3 0s. 0d. „*Plain Slides,* £2 0s. 0d. „

- 1-Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Litany.
- 5 The Lord's Prayer.
- 6 Compassion (Bouguereau).
- 7 Mary at the Cross (Aubert).
- 8 The Grief of Mary (Lefehvre).
- 9 The Holy Face (Murrillo).
- 10 Words of "The Story of the Cross" (vv. 1—4).
- 11 The Path of Thorns (Burnand).
- 12 The Last Hour (Duran).
- 13 Words of "The Story of the Cross" (vv. 12—15).
- 14 The Crucifixion (Bouguereau).
- 15 Crucifix (Statuary).
- 16 Words of "The Story of the Cross" (vv. 23—26).

- 17 The Via Dolorosa.
- 18 Jesus is Condemned to Death.
- 19 Jesus is Laden with the Cross.
- 20 Jesus Falls under the Cross.
- 21 Silent Prayer.
- 22 Hymn.
- 23 Jesus is Helped by Simon.
- 24 Veronica Wipes the Face of Jesus.
- 25 Jesus and the Women of Jerusalem.
- 26 Jesus Meets His Mother.
- 27 Hymn.
- 28 Jesus is Stripped of His Garments.
- 29 Jesus is Nailed to the Cross.
- 30 Jesus Dies.
- 31 Jesus Taken Down from the Cross.
- 32 Jesus Laid in the Sepulchre.
- 33 Hymn.

The printed service for "The Way of Grief" is included in Vol. II. of "Lantern Services," but can also be had separately, price 6d

## Z C

## XX.—THE GOOD SHEPHERD.

*Beautifully Painted,* £9 17s. 0d. *the set.**Cheap Series Painted,* £4 13s. 6d. „*Plain Slides,* £1 18s. 0d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 Lord's Prayer.
- 5 The Door of the Fold (S. Parker).
- 6 Psalm xxiii.
- 7 Creed.
- 8 Versicles.
- 9 The Good Shepherd (Walsh).
- 10 The Good Shepherd (S. Parker).
- 11 The Good Shepherd (Tissot).
- 12 The Dying Soldier.
- 13 Christ at the Door (Abbey).
- 14 David Playing the Harp (Statue).
- 15 The Wilderness.
- 16 Brittany Sheep (R. Bonheur).
- 17 The Good Shepherd (Dobson).

- 18 In Green Pastures.
- 19 The Shepherd of the Sheep (Ploekhorst).
- 20 The Lost Sheep (Dixon).
- 21 Mary Magdalene (Hofmann).
- 22 Silent Prayer.
- 23 Hymn.
- 24 He Guideth Me (Dixon).
- 25 Hell's Glen.
- 26 The Valley of the Shadow (Copping).
- 27 In Manus Tuas (Briton Riviere).
- 28 The Cities of Refuge (Swan).
- 29 The Shepherd's Tent (Tissot).
- 30 The City of Refuge (Tinworth).
- 31 It is Finished (Lang).
- 32 Text.
- 33 Dividing the Sheep from the Goats.
- 34 Hymn.

## LANTERN SERVICES—Continued.

## Z D

## XXI.—JOSEPH.

<i>Beautifully Painted,</i>	£15 15s. 0d. the set.
<i>Cheap Series Painted,</i>	£7 11s. 6d. „
<i>Plain Slides,</i>	£3 1s. 0d. „

- |  |  |
|--|--|
| 1 Hymn.                                | 24 Christ the Comforter (Zimmerman).               |
| 2 Let us Pray.                         | 25 Joseph in the Prison (Tissot).                  |
| 3 General Confession.                  | 26 Joseph Interprets the Dreams (Tissot).          |
| 4 Lord's Prayer.                       | 27 Head of Apepi II.                               |
| 5 Joseph and his Brethren (Dixon).     | 28 Pharaoh's Dream (Tissot).                       |
| 6 The Coat of Many Colours.            | 29 The Nile Valley.                                |
| 7 Psalm cv. 1—22.                      | 30 Joseph before Pharaoh (Tissot).                 |
| 8 Apostles' Creed.                     | 31 Joseph's Triumph (Tissot).                      |
| 9 Versicles.                           | 32 Joseph Inspects the Land (Tissot).              |
| 10 Hymn.                               | 33 The People Come to Joseph for Bread (Tissot).   |
| 11 Birth of Joseph (Tissot).           | 34 A Fruitful Tree (Copping).                      |
| 12 The Boy Joseph (Tissot).            | 35 Silent Prayer.                                  |
| 13 Joseph Relates his Dreams (Tissot). | 36 Hymn.   |
| 14 Joseph Cast into the Pit (Tissot).  | 37 Joseph and his Brethren (Tissot).               |
| 15 The Potter (Tissot).                | 38 The Play Scene in Hamlet (MacIise).             |
| 16 An Ishmaelite Caravan (Tissot).     | 39 Joseph Speaks Roughly to his Brethren (Tissot). |
| 17 Ancient Egypt.                      | 40 Joseph and Benjamin (Tissot).                   |
| 18 The Slave Market (Caton Woodville). | 41 The Cup in Benjamin's Sack (Tissot).            |
| 19 Joseph when Young.                  | 42 Joseph Makes Himself Known (Tissot).            |
| 20 Potiphar's Wife (Downey).           | 43 Jacob Presented to Pharaoh (Tissot).            |
| 21 Joseph Wept (Tissot).               | 44 I am the Way (Hofmann).                         |
| 22 The Prisoner's Hope (Downey).       | 45 Hymn.   |
| 23 The Lord (Hofmann).                 |  |

## Z E

## XXII.—MOSES.

<i>Beautifully Painted,</i>	£12 16s. 0d. the set.
<i>Cheap Series Painted,</i>	£6 4s. 0d. „
<i>Plain Slides,</i>	£2 9s. 0d. „

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|---|--|
| 1 Hymn.   | 30 God Seeks to Kill Moses (Tissot).             |
| 2 Let us Pray.                                      | 31 Moses Speaks to Pharaoh (Tissot).             |
| 3 General Confession.                               | 32 The Plagues of Egypt (Tissot).                |
| 4 Litany.   | 33 Death of First-born (Normand).                |
| 5 The Lord's Prayer.                                | 34 Map.  |
| 6 Moses (Michael Angelo).                           | 35 Moses at the Red Sea (Rochegrösse).           |
| 7 Hymn.   | 36 Passage of the Red Sea (Danby).               |
| 8 Statue of Rameses II.                             | 37 Moses and the Leaders of the Tribes (Tissot). |
| 9 The Israelites in Bondage (Tissot).               | 38 Silent Prayer.                                |
| 10 Moses (Tissot).                                  | 39 Hymn.   |
| 11 The Hiding of Moses (Kohler).                    | 40 On the Edge of the Desert (Tissot).           |
| 12 Moses as the Son of Pharaoh's Daughter (Tissot). | 41 Moses and the Commandments (Tissot).          |
| 13 Christ Tempted by Satan (Cornelius).             | 42 The Tabernacle Set Up.                        |
| 14 Moses Slays an Egyptian (Tissot).                | 43 Moses Argues with the People (Doré).          |
| 15 Moses as Shepherd (Downey).                      | 44 The Return to Kadesh (Doré).                  |
| 16 The Vision of God (Tissot).                      | 45 Moses Striking the Rock (Forsyth).            |
| 17 Crucifixion (Benz).                              | 46 Moses Sees the Promised Land (Tissot).        |
| 18 Come unto Me (Hofmann).                          | 47 The People Watch Mount Nebo (Tissot).         |
| 19 Rock of Ages.                                    | 48 Crucifixion (Benz).                           |
|   | 49 Hymn.   |

## Z F

## XXIII.—ST. PETER.

<i>Beautifully Painted,</i>	£11 15s. 0d. the set.
<i>Cheap Series Painted,</i>	£5 8s. 6d. „
<i>Plain Slides,</i>	£2 1s. 6d. „

- |  |   |
|--|---|
| 1 Hymn.  | 19 On the Road to Gethsemane.                       |
| 2 Let us Pray.                                     | 20 Could ye not Watch One Hour (Hofmann).           |
| 3 General Confession.                              | 21 Peter Smites off Malchus' Ear (Tissot).          |
| 4 Litany.  | 22 First Denial of St. Peter (Tissot).              |
| 5 The Lord's Prayer.                               | 23 Second Denial of St. Peter (Tissot).             |
| 6 Lord Save Me (Hofmann).                          | 24 Third Denial of St. Peter.                       |
| 7 Hymn.  | 25 Peter's Repentance.                              |
| 8 Sea of Galilee.                                  | 26 Silent Prayer.                                   |
| 9 St. Andrew Brings St. Peter to Christ (Dixon).   | 27 Hymn.  |
| 10 The Calling of St. Peter (Tissot).              | 28 St. Peter and St. John Run to the Tomb (Tissot). |
| 11 Christ Preaching on the Sea (Hofmann).          | 29 Christ with St. Peter and St. John (Landelli).   |
| 12 The Miraculous Draught of Fishes (Raphael).     | 30 The Descent of the Spirit (Doré).                |
| 13 Jesus Talking to His Disciples.                 | 31 St. Peter Healing the Lame Man (Raphael).        |
| 14 Thou art the Christ.                            | 32 Death of Ananias (Raphael).                      |
| 15 Apostolic Commission (Raphael).                 | 33 The Confirmation at Samaria.                     |
| 16 Christ (Schwenk).                               | 34 St. Peter's Vision (Michetti).                   |
| 17 Hymn.   | 35 St. Peter Writing his Epistles (Tissot).         |
| 18 Christ Washing Peter's Feet (Ford Madox Brown). | 36 Hymn.  |

## LANTERN SERVICES—Continued.

## Z G

## XXIV.—THE VOYAGE OF LIFE.

<i>Beautifully Painted,</i>	£8 7s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£4 11s. 6d. „
<i>Plain Slides,</i>	£1 11s. 3d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 The Lord's Prayer.
- 5 Psalm cvil. 23—31.
- 6 Christ Stilling the Tempest (Tissot).
- 7 Hymn.
- 8 Starting on the Voyage (Speed).
- 9 The Wreck of the Cobra.
- 10 The Child's Prayer (Frere).
- 11 The Chart and Compass.
- 12 Columbus Consulting the Chart (Gullick).
- 13 The Rocks of Unbelief (Speed).
- 14 The Palm Isles of Pleasure (Speed).
- 15 The Gulf of Greed (Speed).
- 16 The Rich Jew (Grutner).
- 17 The Burning of the "Kent" (Hemy).

- 18 Caught in the Ice (Speed).
- 19 The Pit of Destruction (Speed).
- 20 Hymn.
- 21 The Man at the Wheel.
- 22 Christ Walking on the Sea.
- 23 The Strait of the Cross (Speed).
- 24 The Narrows of Perplexity (Speed).
- 25 The Storm on the Lake.
- 26 The Ambush (Speed).
- 27 The Vision of the Harbour (Speed).
- 28 The Fighting "Temeraire" (Turner).
- 29 Crucifix.
- 30 Silent Prayer.
- 31 Sunset.
- 32 Twilight.
- 33 I hope to See my Pilot Face to Face.
- 34 Hymn.

## "LANTERN SERVICES." VOLUME III.

*Containing all the following Ten Services, Cloth bound, 2s. 6d. net.*

The first three in this volume, Nos. XXV. to XXVII., on Bunyan's "Pilgrim's Progress," make an excellent course for the three weeks of Advent, or for any time of year; and the remaining seven, on "The Travail of His Soul," Nos. XXIX. to XXXV., which are based on the words spoken by our Saviour from the Cross, are written specially for a Lenten course.

## THE PILGRIM'S PROGRESS.

## A A B

## XXV.—From Destruction to the Cross.

<i>Beautifully Painted,</i>	£13 5s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£6 9s. 0d. „
<i>Plain Slides,</i>	£2 5s. 3d. „

- 1 Hymn.
- 2 "I will arise" (Dubufe).
- 3 General Confession.
- 4 The Lord's Prayer.
- 5 Flight of Lot (Doré).
- 6 Psalm.
- 7 Apostles' Creed.
- 8 Versicles.
- 9 Hymn.
- 10 Bunyan before the Justice (Copping).
- 11 The City of Destruction (Linton).
- 12 Christ descends in Glory (Dixon).
- 13 Christian in the Fields (Copping).
- 14 The Pharisee and the Publican (Tissot).
- 15 Evangelist points to the Gate (Dixon).
- 16 Obstinate and Pliable (Dixon).
- 17 The Slough of Despond (Briton Riviere).
- 18 Sir Percival (Waller).
- 19 The Escape from the Slough (Copping).
- 20 Mr. Worldly Wiseman (Grutner).
- 21 Christian at Mount Sinai (Dixon).

- 22 The Wreckers (Burton).
- 23 Christian at the Gate (Dixon).
- 24 "Come unto Me" (Hofmann).
- 25 "I am the Way" (Hofmann).
- 26 Silent Prayer.
- 27 "I stood outside the Gate" (Tissot).
- 28 "O give me Rest from Sin" (Tissot).
- 29 "Christ at the Door" (Abbey).
- 30 Hymn.
- 31 Goodwill shows the Way (Dixon).
- 32 Christian at the Door of Interpreter's House (Copping).
- 33 The Dusty Room (Dixon).
- 34 The Fire and the Oil (Dixon).
- 35 The Valiant Warrior (Dixon).
- 36 The Man in the Cage (Copping).
- 37 Christian loses his Burden (Copping).
- 38 Crucifix (Forsyth).
- 39 Hymn.
- 40 Let us Pray.

## LANTERN SERVICES—Continued.

## AAC

## XXVI.—From the Cross to the Fair.

<i>Beautifully Painted,</i>	£14 10s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£6 17s. 0d. „
<i>Plain Slides,</i>	£2 4s. 9d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 The Lord's Prayer.
- 5 Psalm.
- 6 Christ teaching the Multitude.
- 7 Hymn.
- 8 Christian loses his Burden (Copping).
- 9 Simple, Sloth and Presumption (Cuthbert).
- 10 Climbing the Hill of Difficulty (Copping).
- 11 Christian in the Arbor (Dixon).
- 12 Timorous and Mistrust (Burnand).
- 13 Christian recovers his Roll (Dixon).
- 14 The Lions in the Way.
- 15 The First Confirmation (Führich).
- 16 Christian and Discretion (Rheam).
- 17 Christian clothed in Armour (Copping).
- 18 The Valley of Humiliation.
- 19 Christ washing Peter's Feet (Madox Brown).
- 20 Christian and Apollyon: the Attack (Dixon).
- 21 Christian and Apollyon: the Struggle (Dixon).
- 22 In the Valley of the Shadow of Death (Copping).

- 23 Christian and the Weapon of All-prayer (Copping).
- 24 Bunyan's Distress (Copping).
- 25 Christ falling under the Cross (Fellowes-Prynn).
- 26 The Risen Christ.
- 27 The Company of the Apostles (Le Jeune).
- 28 Hymn.
- 29 Faithful (Domenichino).
- 30 Adam the First (Hardy).
- 31 Moses and the Ten Commandments (Tissot).
- 32 The Man with Holes in His Hands (Biermer).
- 33 Faithful helps Christian (Dixon).
- 34 Talkative (Copping).
- 35 Evangelist tells of Vanity Fair (Dixon).
- 36 Christian and Faithful pass through Vanity Fair (Copping).
- 37 Trial of Christian and Faithful (Dixon).
- 38 Faithful's Martyrdom (Copping).
- 39 The Choice (Max Ehler).
- 40 Hymn.

## AAD

## XXVII.—From Vanity Fair to the Celestial City.

<i>Beautifully Painted,</i>	£12 14s. 0d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£6 4s. 0d. „
<i>Plain Slides,</i>	£1 18s. 6d. „

- 1 Hymn.
- 2 Let us Pray.
- 3 Confession (H.C.)
- 4 Litany.
- 5 The Lord's Prayer.
- 6 Abraham on Pilgrimage (Tissot).
- 7 Hymn.
- 8 Hopeful before his Conversion (Copping).
- 9 Hopeful in Distress (Copping).
- 10 Hopeful's Conversion (Copping).
- 11 Christian and Hopeful leaving Vanity.
- 12 Mr. By-Ends (Sir John Gilbert).
- 13 Demas (Copping).
- 14 Ignorance (Dudley Hardy).
- 15 Valn-Hope, the Ferryman (Fabers).
- 16 By-path Meadow.
- 17 The Pilgrims in the Storm.
- 18 The Dungeon of Despair (Dixon).
- 19 The End (Frith).

- 20 The Pilgrims' Escape (Dixon).
- 21 Christ the Comforter.
- 22 "Come unto Me" (Dubufe).
- 23 "Come unto Me" (Scheffer).
- 24 Hymn.
- 25 The Delectable Mountains.
- 26 The Shepherds (Dixon).
- 27 The Hill of Error (Copping).
- 28 The Flatterer (Tissot).
- 29 Entangled in the Net (Copping).
- 30 The Enchanted Ground (Doré).
- 31 The Land of Beulah (Martin).
- 32 The Summons (Dixon).
- 33 Crossing the River (Copping).
- 34 Before the Throne (Dixon).
- 35 Christian journeys Onward.
- 36 Silent Prayer.
- 37 Hymn.

## THE TRAVAIL OF HIS SOUL.

A Series of Lenten Addresses on the Words from the Cross.

## AAF

## XXIX.—Christ and Sinners.

"Father, forgive them, for they know not what they do."

<i>Beautifully Painted,</i>	£11 4s. 0d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 5s. 6d. „
<i>Plain Slides,</i>	£2 3s. 6d. „

- 1 Hymn.
- 2 "I will arise" (Dubufe).
- 3 General Confession.
- 4 The Lord's Prayer.
- 5 The Holy Face (Murillo).
- 6 Psalm.
- 7 The Apostles' Creed.
- 8 Versicles.
- 9 Hymn.
- 10 Ecce Homo (Guido Reni).
- 11 They derided Him (Tissot).
- 12 Jerusalem in our Lord's Time (Tissot).
- 13 Christ preaching to the Multitude (Copping).
- 14 Healing the Leper (Copping).
- 15 Wee unto you, Scribes and Pharisees (Tissot).
- 16 Parable of the Sower.
- 17 Mary at the Cradle (Aubert).
- 18 The Creation of Light (Martin).

- 19 Christ descends in Glory (Dixon).
- 20 "I stand and knock" (Hofmann).
- 21 "All of Self" (Tissot).
- 22 "Some of Self" (Lingner).
- 23 "Less of Self" (Goodall).
- 24 "None of Self" (Scheffer).
- 25 Hymn.
- 26 Dead Bodies outside the Temple (Tissot).
- 27 Moses (Forsyth).
- 28 Christ Preaching (Hofmann).
- 29 The Crucifixion (Bens).
- 30 St. Bartholomew's Day (Millais).
- 31 "Lord, have patience" (Dixon).
- 32 Delivered to the Tormentors (Dixon).
- 33 The Sacrifice for Sins of Ignorance (Tissot).
- 34 Crucifix (Forsyth).
- 35 Let us Pray.
- 36 Hymn.

## LANTERN SERVICES—Continued.

## AAG

## XXX.—Christ and the Penitent.

"To-day shalt thou be with Me in Paradise."

<i>Beautifully Painted,</i>	£11	1s. 0d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5	5s. 6d. "
<i>Plain Slides,</i>	£2	3s. 0d. "

- 1 Hymn.
- 2 Let us Pray.
- 3 Confession (H.C.)
- 4 Litany.
- 5 The Lord's Prayer.
- 6 Hymn.
- 7 The Crucifixion (Baxter).
- 8 The Brigands (Dixon).
- 9 Christ Healing (Aubert).
- 10 That which Satisfieth not (Watts).
- 11 Christ preaching near the Treasury (Tissot).
- 12 Fallen among Thieves (Dixon).
- 13 "Lord, remember me" (Dixon).
- 14 The Pardoning of the Robber (Dixon).
- 15 The Prodigal Son (Aubert).
- 16 Faith (Downey).
- 17 St. Peter's Denial (Dixon).
- 18 Crucifix (Forsyth).

- 19 Cleansing the Leper (Hole).
- 20 The Door of the Fold (Parker).
- 21 Christ teaching the Multitude.
- 22 The Resurrection (Plockhorst).
- 23 Hymn.
- 24 Silent Prayer.
- 25 Penal Servitude (Fritb).
- 26 Mary washing Christ's Feet (Hofmann).
- 27 The Adoration of the Lamb (Van Eyck).
- 28 The Ebbing Tide.
- 29 Breaking the Thieves' Legs (Tissot).
- 30 Too Late (Copping).
- 31 Hymn.
- 32 Paradise (Martin).
- 33 In Sickness and in Health (Taylor).
- 34 Peace be unto you (Hofmann).
- 35 The Last Trump (Dixon).
- 36 Hymn.

## AAH

## XXXI.—Christ and His Friends.

"Woman, behold thy son. Behold thy mother."

<i>Beautifully Painted,</i>	£12	1s. 6d. <i>per set.</i>
<i>Cheap Series Painted,</i>	£5	7s. 0d. "
<i>Plain Slides,</i>	£2	4s. 3d. "

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 The Lord's Prayer.
- 5 Psalm.
- 6 "Ye are My friends" (Dixon).
- 7 Hymn.
- 8 The Crucifixion (Bouguereau).
- 9 "Father, forgive" (Schmitzler).
- 10 The Annunciation (Sbiels).
- 11 The Adoration of the Magi (Fellowes-Prynne).
- 12 Simeon praising God (Dobson).
- 13 The Youth of Jesus (Tissot).
- 14 Mater Dolorosa (Bunningen).
- 15 At Golgotha (Bernatz).
- 16 The Children's Prayer (Hacker).
- 17 My Mother (Whistler).
- 18 Text.

- 19 Madonna (Echtler).
- 20 Compassion (Bouguereau).
- 21 Stabat Mater (Lazerges).
- 22 "Haste thee, Wanderer" (Lefebvre).
- 23 The Dying Christ (Caracci).
- 24 Hymn.
- 25 Beneath the Cross (Fellowes-Prynne).
- 26 St. John and the Samaritans (Dixon).
- 27 Christ rebukes St. John (Dixon).
- 28 St. John at the Cross (Aubert).
- 29 St. John and the Virgin (Aubert).
- 30 The Harbour of Refuge (Walker).
- 31 St. John (Forsyth).
- 32 "Thy Mother" (Liske).
- 33 Christ's Family (Wencher).
- 34 "Lord, have Mercy" (Dietrich).
- 35 Silent Prayer.
- 36 Hymn.

## AAI

## XXXII.—Christ and Perplexity.

"Eloi, Eloi, Lama Sabachthani."

<i>Beautifully Painted,</i>	£11	0s. 6d. <i>per set.</i>
<i>Cheap Series Painted,</i>	£5	4s. 0d. "
<i>Plain Slides,</i>	£2	2s. 9d. "

- 1 Hymn.
- 2 "I will arise" (Dubufe).
- 3 General Confession.
- 4 The Lord's Prayer.
- 5 Nailing the Feet (Tissot).
- 6 Psalm.
- 7 The Apostles' Creed.
- 8 Versicles.
- 9 Hymn.
- 10 The Lifting of the Darkness (Duran).
- 11 Elijah (Forsyth).
- 12 "Haste Thee to help Me" (Doré)
- 13 Job and his Friends (Tissot).
- 14 The Drunkard's Wife.
- 15 The Crucifixion (Guido Reni).
- 16 The Lighthouse Keeper and his Bible.
- 17 The Triumphant Entry (Hole).
- 18 The Lord's Supper (Aubert).

- 19 The Baptism (Hole).
- 20 The Slough of Despond (Copping).
- 21 The Good Shepherd (Dixon).
- 22 Faith (Burne-Jones).
- 23 Sir Galahad (Watts).
- 24 "In Manus Tuas" (Briton Riviere).
- 25 "Kept by the Power of God" (Twidle).
- 26 Hymn.
- 27 The Christian Martyr.
- 28 Crucifix (Forsyth).
- 29 "If thou badst known" (Hole).
- 30 The Way of the Cross (Berand).
- 31 "My Kingdom is not of this world" (Danger).
- 32 "The Lord looked upon Peter" (Dixon).
- 33 Jesus meets Peter in Galilee (Hole).
- 34 Christ questions St. Peter (Dixon).
- 35 Silent Prayer.
- 36 Hymn.

## LANTERN SERVICES—Continued.

## A A K

## XXXIII.—Christ and Pain.

"I thirst."

<i>Beautifully Painted,</i>	£10 12s. 6d. per set.
<i>Cheap Series Painted,</i>	£4 19s. 6d. "
<i>Plain Slides,</i>	£2 1s. 0d. "

- 1 Hymn.
- 2 Let us Pray.
- 3 Short Confession.
- 4 The Lord's Prayer.
- 5 Psalm.
- 6 The Wicked Husbandmen (Dixon).
- 7 Hymn.
- 8 Laocoon.
- 9 Pijian Fire-Walkers (Spencer).
- 10 Lighting the Signal.
- 11 Threshing at Soh.
- 12 "All the City was gathered together at the Door" (Tissot).
- 13 The Crown of Glory (Le Jeune).
- 14 Christ at the Column (Joubert).
- 15 The Derision (Dixon).
- 16 To Golgotha (Hofmann).
- 17 The First Nail (Tissot).
- 18 Christ on the Cross (Delacroix).

- 19 Alexander and his Soldiers (Doré).
- 20 Christ crowned with Thorns (Beraud).
- 21 Christ on the Cross (Velasquez).
- 22 Faith (Firle).
- 23 Hymn.
- 24 Wine mingled with Myrrh (Fellowes-Prynn).
- 25 Tempted to Drink.
- 26 The Sponge of Vinegar (Dixon).
- 27 The Good Samaritan (Plockhorst).
- 28 The Spiritual Mission (Koopman).
- 29 The Mohammedan at Prayer.
- 30 An English Crowd.
- 31 Water from the Well of Bethlehem.
- 32 Crucifix (Forsyth).
- 33 Christ and the Woman of Samaria (Copping).
- 34 "Jerusalem, Jerusalem" (Tissot).
- 35 Silent Prayer.
- 36 Hymn.

## A A L

## XXXIV.—Christ and His Work.

"It is finished. Into Thy Hands."

<i>Beautifully Painted,</i>	£11 17s. 6d. per set.
<i>Cheap Series Painted,</i>	£5 12s. 0d. "
<i>Plain Slides,</i>	£2 4s. 3d. "

- 1 Hymn.
- 2 Let us Pray.
- 3 Confession (H.C.).
- 4 Litany.
- 5 The Lord's Prayer.
- 6 Hymn.
- 7 Christ (Scheffer).
- 8 Joan of Arc (Doyen).
- 9 "Land, Land, Land" (Gullick).
- 10 The Crucifixion (Dixon).
- 11 The Resurrection (Hofmann).
- 12 The Carpenter's Shop (Dixon).
- 13 Christ in the Synagogue (Dixon).
- 14 The Lost Sheep (Soord).
- 15 The Mission of the Apostles (Aubert).
- 16 The Broken Column.
- 17 Ecco Homo (Guido Reni).
- 18 Her first Bank-book (Begg).

- 19 Suspended Payment (Max Cowper).
- 20 The Return of the Prodigal (Aubert).
- 21 "In the Land of Strangers" (Tschantsch).
- 22 "From the Land of Hunger" (Dixon).
- 23 "See the Door still Open" (Dixon).
- 24 "Far off thou hast Wandered" (Copping).
- 25 "Thou art Friendless" (Dubufe).
- 26 Hymn.
- 27 Christian in the Field (Copping).
- 28 Hosea (Tissot).
- 29 The Creation (Tissot).
- 30 The Sacrifice (Tissot).
- 31 The Blood on the Door (Tissot).
- 32 Crucifix (Forsyth).
- 33 Icarus (Leighton).
- 34 Rock of Ages.
- 35 Silent Prayer.
- 36 Hymn.

## A A M

## XXXV.—The Day of the Cross.

For Good Friday.

<i>Beautifully Painted,</i>	£10 17s. 6d. per set.
<i>Cheap Series Painted,</i>	£5 2s. 0d. "
<i>Plain Slides,</i>	£2 2s. 0d. "

- 1 Hymn.
- 2 Crucifix (Laverstein).
- 3 Let us Pray.
- 4 Litany.
- 5 The Lord's Prayer.
- 6 Hymn.
- 7 "Thy Will be done" (Heufe).
- 8 Gethsemane (Saffer).
- 9 The Kiss of Judas (Hofmann).
- 10 False Witnesses (Tissot).
- 11 The Derision (Dixon).
- 12 Jesus in Prison (Tissot).
- 13 Christ before Pilate (Dixon).
- 14 Christ before Herod (Dixon).
- 15 Christ presented to the People (Hofmann).
- 16 The Raising of the Cross (Tissot).

- 17 The Holy Face (Murillo).
- 18 Magdalen Repentant (Tellier).
- 19 The Grief of Mary (Lefebvre).
- 20 Towards a Better World (Falero).
- 21 Hymn.
- 22 The Crucifixion (Dixon).
- 23 "They Parted His Garments" (Tissot).
- 24 "They Railed at Him" (Tissot).
- 25 Annas and Caiaphas (Tissot).
- 26 The Impenitent Thief (Dixon).
- 27 The Centurion (Tissot).
- 28 The Pardoning of the Penitent Thief (Dixon).
- 29 Barabbas (Tissot).
- 30 Crucifix (Forsyth).
- 31 Silent Prayer.
- 32 Hymn.

## LANTERN SERVICES—Continued.

## "LANTERN SERVICES." VOLUME IV.

(IN PREPARATION.)

In addition to the three volumes already mentioned in the previous pages, a fourth is in preparation, particulars of which will be duly given in our Supplementary Lists.

At present only one Service is ready, No. XXXVI, "Opportunity," suitable for use at any period of the Church's year. Pending the completion of Volume IV., this new Service, "Opportunity," is published separately in pamphlet form, price 6d.

This Set of Slides, like all the Lantern Services on the foregoing pages, can be had on Hire during Advent and Lent at 10s. 6d. per evening. At all other times of the year the hiring charge will be 7s. 6d. per evening.

## ABX

## XXXVI.—OPPORTUNITY.

<i>Beautifully Painted,</i>	£11 8s. 6d. <i>the set.</i>
<i>Cheap Series Painted,</i>	£5 3s. 6d. "
<i>Plain Slides,</i>	£2 2s. 6d. "

Printed Service, 6d.

- 1 Hymn.
- 2 Let us Pray.
- 3 General Confession.
- 4 The Lord's Prayer.
- 5 The Sower (Millet).
- 6 Opportunity
- 7 Caiaphas (Doré).
- 8 Crucifixion.
- 9 Pilate (Dixon).
- 10 Pilate Washing his Hands (Dixon).
- 11 The Crowd, Calvary (Selous).
- 12 The Penitent Thief (Dixon).
- 13 The Rich Young Ruler (Hofmann).
- 14 The Unprofitable Servant (Dixon).
- 15 St. George and the Dragon.
- 16 The Lighthouse.
- 17 "Brightly beams our Father's mercy."
- 18 Chorus, "Let the lower lights be burning."
- 19 "Dark the night" (Gribble).

- 20 "Trim your feeble lamp" (Duncan).
- 21 The Wreckers' Light.
- 22 Sanctuary (Steinhell).
- 23 The City of Refuge (Tinworth).
- 24 "Come unto Me" (Duhnfe).
- 25 Hymn.
- 26 The Eve of the Flight.
- 27 The Flight into Egypt (Girardet).
- 28 The Children's Prayer (Hacker).
- 29 "Of such is the Kingdom of Heaven" (Iwile).
- 30 The Vessel's Track.
- 31 Sunset.
- 32 Christ Mocked (Dixon).
- 33 Peter's Repentance (Bida).
- 34 Christ Driven to Calvary by Modern People (Beraud).
- 35 "Come unto Me" (Hofmann).
- 36 Hymn.

## SL

## THE CHRISTIAN LIFE.

This is not a complete Service, but an Address, which can be divided into two if thought too long for one evening.

*Beautifully Painted, £15 10s. the Set; Plain Slides, 42s the Set.*

Reading, 6d.

- 1 BAPTISM. The Christening of Prince Edward of York
- 2 SKEERING. "Lord have mercy upon us"
- 3 FINDING. The Soul's Awakening (Sant)
- 4 PRAISE. The Children's Hymn
- 5 CONFIRMATION. The Knights Vigil (Pettie)
- 6 PRECEPT. The Bible Class
- 7 EXAMPLE. "Worn out" (Feed)
- 8 SACRIFICE. Florence Nightingale
- 9 Obedience. Misleading preaching
- 10 DUTY. Wreck of the "Birkenhead"
- 11 FAITH. "Lord, I believe; help Thou mine unbelief"
- 12 WORKS. The Hermit
- 13 LOVE. "By this shall all men know ye are My disciples"
- 14 CHARITY. The Blind Beggar (Dyckmans)
- 15 VISITING THE FATHERLESS. The Orphans
- 16 GIVING TO GOD. Marous Christus
- 17 THE STRUGGLE WITH SIN. Athlete and Python (Leighton)
- 18 THE ARMOUR OF GOD. King Arthur
- 19 TRUST IN GOD. "In Manus Tuas Domine" (Briton Rivière)
- 20 PRAYER. "Let us therefore come boldly unto the Throne of Grace"
- 21 WATCHING. On the alert
- 22 TEMPERANCE. The Race
- 23 JUSTICE. Moonlight on the water
- 24 MERCY. His first offence (Lady H. M. Stanley)
- 25 SYMPATHY. The Princess of Wales (Queen Alexandra) visiting the Hospital Ship
- 26 PENITENT. Art Study (Downey)
- 27 TEMPTATION. The first glass
- 28 FREE WILL. The Choice—Christ or the World
- 29 FORGIVENESS. Mary Magdalene
- 30 HOPE. Pandora's Casket
- 31 DEPENDENCE ON GOD. Joan of Arc
- 32 PUBLIC WORSHIP. City Imperial Volunteers at St. Paul's
- 33 THE COP OF COLD WATER. The Guardian Angel
- 34 CARING FOR SELF. The Lilies of the field
- 35 INDUSTRY. The Slingard (Leighton)
- 36 GREED. The rich Jew
- 37 PAIN. The Crowd of Glory
- 38 TROUBLE. The Widow
- 39 PEACE AFTER STRIFE. The Fighting Téméraire (Turner)
- 40 DEATH. The Death-bed of John Wesley



## SACRED SERVICES.

The principal part of the two following services requires to be sung by soloists or choirs. When a number of the printed services are required for choir use they will be supplied at a specially low price per dozen.

**FL**

### "THE OLD, OLD STORY."

For Lent or Holy Week.

*Beautifully Painted Figure Subjects, 8s. 6d. } Views, 5s. } Plain Photographs, 1s. each*

No. 10, *Best Hand-painted, 45s. Printed Service with hymns and music, price 9d.*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Cross, with inscription, "Is it nothing to you, all ye that pass by?"</li> <li>2 Hymn, "Tell me the old, old story,"</li> <li>3 Adam and Eve in the Garden of Eden. The Serpent</li> <li>4 Adam and Eve expelled from the Garden of Eden</li> <li>5 Abraham offering up Isaac</li> <li>6 The Scapegoat</li> <li>7 The Crypt of Hythe Church</li> <li>8 The Angels appearing to the Shepherds</li> <li>9 The Manger. The arrival of the Shepherds</li> <li>10 The Lost Sheep. (<i>Best Hand-painted, 45s.</i>)</li> <li>11 Christ in the Carpenter's Shop</li> </ol> | <ol style="list-style-type: none"> <li>12 Christ Healing the Sick</li> <li>13 The Raising of Lazarus</li> <li>14 Christ blessing little children</li> <li>15 Christ and the Woman of Samaria</li> <li>16 The Last Supper</li> <li>17 The Betrayal by Judas</li> <li>18 The Crucifixion (single figure)</li> <li>19 The Crucifixion</li> <li>20 Mary Magdalene at the foot of the Cross</li> <li>21 The Entombment of Christ</li> <li>22 "Ecce Homo!"</li> <li>23 The Green Hill</li> </ol> |
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**FM**

### "LOST AND FOUND."

Taken from the Fifteenth chapter of St. Luke's Gospel.

*The three introductory pictures 8s. 6d. each, beautifully painted*

The remaining ten are drawn and painted entirely by hand, without the aid of photography.

*Copyright designs, 45s. each. Printed Service, price 9d.*

#### Introductory.

- 1 "My sheep follow Me"
- 2 "He shall gather the lambs with His Arm"
- 3 "Putteth in on His shoulder"

#### The Lost Sheep.

- 4 Seeking the lost Sheep

#### The Lost Silver.

- 5 "Sweepeth diligently till she find it"

#### The Lost Son.

- 6 The Prodigal leaving home
- 7 " " " riotous living
- 8 " " " feeding swine
- 9 " " " returning home
- 10 " " " meeting his father
- 11 " " " having the best robe put on
- 12 The festival in honour of his return home
- 13 The father pacifies the brother's anger

NOTE.—This set can be had on hire for one night for 10s. 6d.

**FN**

## THE SHADOW OF THE CROSS.

A Series of photographs from life to illustrate the Children's Story of "The Shadow of the Cross" by the Rev. William Adams, M.A.

*Beautifully painted £3 15s. the set. Plain Photographs, 18s. 6d. the set. Text Book, 1s.*

*And He said unto them all, "If any man will come after Me, let him deny himself, and take up his cross daily, and follow Me."*

- |   |   |
|---|---|
| <ol style="list-style-type: none"> <li>1 The beautiful garden</li> <li>2 Another part of the beautiful garden</li> <li>3 "Innocence" with her Cross</li> <li>4 "Mirth" weeping for the loss of "Innocence"</li> <li>5 "Mirth" picking the Rose</li> <li>6 "Mirth" meets "Wayward"</li> <li>7 "Wayward" tries to catch the butterfly</li> <li>8 "Wayward" and "Mirth" in the path by the wood</li> </ol> | <ol style="list-style-type: none"> <li>9 The Shadow of "Mirth's" Cross leads him to "Innocence's" faded Lily</li> <li>10 "Wayward" goes on alone</li> <li>11 "Charity" with her Cross quells the lion</li> <li>12 "Charity" helps "Wayward" to recover his cross</li> <li>13 "Wayward" goes into the wood</li> <li>14 "Mirth" holding up his Cross to the Sun</li> <li>15 Tomb of the Author showing the raised iron cross which always cast its shadow on his grave</li> </ol> |
|---|---|

**FO**

## THE KING'S MESSENGERS—An Allegorical Tale.

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*Beautifully Painted, £4 4s. the set; Plain Photographs, 15s. the set. Book, 1s.*

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1 The Gates of the City</li> <li>2 The Four Brothers dividing the Property</li> <li>3 The Old Man appears and gives warning and advice</li> <li>4 Eldest Brother's whole time was claimed by the Spirit of the Gold Mine</li> <li>5 Second Brother builds a Tower to Fame</li> <li>6 Third Brother is preceded by a Herald with trumpet when he distributes his riches</li> <li>7 Fourth Brother sends his riches by the Royal Messengers in the still hour of night</li> <li>8 Eldest Brother receives the sentence of banishment and prays for one day longer</li> </ol> | <ol style="list-style-type: none"> <li>9 Second Brother receives his sentence, and sees his lofty tower dwindling to a sepulchre</li> <li>10 Third Brother receives the sentence, and discovers too late that all his riches have been spent on self, and pride has been his ruin</li> <li>11 Fourth Brother receives the sentence of banishment from the City and a voice whispers, as of a little child, "I was an orphan, weak and friendless, and ye ministered unto me"</li> <li>12 Fourth Brother borne by angels to the gates of the Glorious City; the Old Man said, "A light of brilliance unutterable awaits thee there."</li> </ol> |
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## GZ

## LIFE OF BUNYAN.

*Beautifully Painted Views, 5s. and 7s. 6d. } Plain Slides, 1s. each.*  
*" " Figure Subjects, 7s. 6d. }*

- |   |   |
|---|---|
| 1 Portrait of John Bunyan   | 10 Bunyan Reciting his "Pilgrim's Progress" to his Fellow-prisoners |
| 2 Bunyan's Birthplace at Elstow   | 11 " Preaching in the Open-air after his Release from Prison        |
| 3 Parish Church at Elstow   | 12 " Studying a Copy of Luther on the Epistle to the Galatians      |
| 4 Bunyan the Tinker listening to the old woman at the door of a cottage at Bedford. | 13 " Tomb in Bunhill Fields Burying Ground                          |
| 5 " Arrested while preaching the Gospel to the Villagers at Samsell                 | 14 " Introduction to "Pilgrim's Progress"                           |
| 6 Jail on the Bridge at Bedford, Daylight   | 15 " Dreams he bids Farewell to his Family                          |
| 7 " " Moonlight   |   |
| 8 Bunyan in Bedford Jail  |   |
| 9 Bunyan's Introduction, "This Tale will make a traveller of thee"                  |   |

## RT

## LIFE OF JOHN BUNYAN.

As narrated by himself in his work "Grace Abounding." By permission of the Religious Tract Society.

This set of Slides is from the very beautiful series of Original Drawings made by HAROLD COPPING for the R. T. S.

*Beautifully Coloured Slides, 9s. each. } Plain Slides, 1s. 6d. each.*  
*Cheap Series Painted " 4s. " }*  
*Book, 1s.*

- |   |  |   |
|---|--|---|
| 1 Bunyan reading with his wife.                       | 7 Seeking help from an aged Christian.                 | 12 Before the Justice.  |
| 2 In the midst of his game hears a Voice from Heaven. | 8 Distress of conscience at denying the Lord.          | 13 Tried before the court. His determination to preach the Gospel at all costs. |
| 3 Watching the bell-ringers at the steeple-door.      | 9 In his home hears a Voice bidding him "Go to Jesus." | 14 Bunyan's wife pleading before the judges.                                    |
| 4 Bunyan and the poor women of Bedford.               | 10 Preaching to the countryside.                       | 15 Parting with his wife and children.  |
| 5 In Mr. Gifford's house.                             | 11 Slandered by the ignorant and malicious.            |   |
| 6 Moping in the field in his despair.                 |  |   |

## VV

## THE PILGRIM'S PROGRESS.

By permission of the RELIGIOUS TRACT SOCIETY.

This Set of Slides is from the very beautiful series of Original Drawings made by HAROLD COPPING for the Religious Tract Society, and is by far the most effective and artistic set of Slides ever published on this subject.

*Beautifully Painted, 9s. each. } Plain Slides, 1s. 6d. each.*  
*Cheap Series, Painted, 4s. each. }*  
*Book, 6d.*

- |   |  |   |
|---|--|---|
| 1 Christian walking in the fields                   | 13 Faithful's Martyrdom                        | 24 Man with the Muck Rake   |
| 2 Evangelist points the Way                         | 14 Demas. "Then said Hopeful, 'Let us go see'" | 25 Climbing the Hill Difficulty   |
| 3 The Slough of Despond                             | 15 In the Dungeon of Giant Despair             | 26 Mr. Brisk and Mercy  |
| 4 The Wicket Gate                                   | 16 The Hill of Error                           | 27 The Shepherd Boy's Song  |
| 5 The Man in the Iron Cage                          | 17 Entangled in the Net                        | 28 Death of Giant Maul  |
| 6 Christian loses his Burden                        | 18 Hopeful's Conversion                        | 29 Great Heart conducting Mr. Fearing through the Valley or the Shadow of Death |
| 7 Climbing the Hill Difficulty                      | 19 Crossing the River                          | 30 Great Heart and Mr. Honest at Gaius' House                                   |
| 8 Christian clothed in Armour                       | 20 Christiana's Visitor                        | 31 Mr. Despondency and his daughter Miss Much Afraid                            |
| 9 In the Valley of the Shadow of Death              | 21 Mercy and Mrs. Timorous call on Christiana  | 32 Christiana blessing her Children   |
| 10 Safely through the Valley of the Shadow of Death | 22 Mercy at the gate                           |   |
| 11 Talkative  | 23 The Boys and the apples                     |   |
| 12 Christian and Faithful pass through Vanity Fair  |  |   |

## X M

## THE PILGRIM'S PROGRESS.

This is a Series of Slides, designed so as to correspond with each other, avoiding the variations in dress and feature which spoil most long sets on this subject. This makes a most excellent series when painted, but for Plain Slides we prefer series V.V., which are photographed direct from the drawings by Harold Copping.

*Beautifully Painted, 10s. each* } *Plain Slides, 1s. each.*  
*Cheap Series, Painted, 5s.*

- |   |   |  |
|---|---|--|
| <ol style="list-style-type: none"> <li>1 Introductory Slide.</li> <li>2 Christian Walking in the Fields.</li> <li>3 Evangelist Points to the Gate.</li> <li>4 Obstinate Goes Railing Home.</li> <li>5 The Slough of Despond.</li> <li>6 Christian at Mount Sinai.</li> <li>7 Christian at the Gate.</li> <li>8 Goodwill Shows the Way.</li> <li>9 Christian Arriving at the Interpreter's House.</li> <li>10 Casting Water and Oil on the Fire.</li> <li>11 The Valiant Warrior.</li> <li>12 The Man in the Cage.</li> <li>12a Christian sees the Cross.</li> <li>13 Christian Arrives at the Cross and Sees the Three Shining Ones.</li> <li>14 Christian Climbing the Hill Difficulty.</li> <li>15 Christian Rests in the Arbour and Loses His Roll.</li> <li>16 Christian Returns and Finds the Roll.</li> </ol> | <ol style="list-style-type: none"> <li>17 Christian Encounters Two Lions before the Palace Beautiful.</li> <li>18 Christian Clothed in Armour.</li> <li>19 Christian and Apollyon: The attack.</li> <li>20 Christian and Apollyon: The struggle.</li> <li>21 Christian and Apollyon: Christian's triumph.</li> <li>22 Christian Enters the Valley of the Shadow of Death.</li> <li>23 Christian in the Valley of the Shadow of Death: His deliverance.</li> <li>24 Christian Avoids the Cave of Giant Pope.</li> <li>25 Evangelist Tells of Vanity Fair.</li> <li>26 Christian and Faithful Pass through Vanity Fair.</li> <li>27 Christian and Faithful: The trial.</li> <li>28 Faithful Burnt at the Stake.</li> <li>29 Faithful Carried to Heaven.</li> <li>30 Christian and Hopeful leaving Vanity Fair.</li> </ol> | <ol style="list-style-type: none"> <li>31 Demas.</li> <li>32 The Pilgrims in the Storm.</li> <li>33 Caught by Giant Despair.</li> <li>34 The Pilgrims in the Dungeon of Doughting Castle.</li> <li>35 Giant Despair Takes the Pilgrims into the Courtyard of his Castle.</li> <li>36 The Pilgrims Escape from Doughting Castle.</li> <li>37 Giant Despair has a Fit.</li> <li>38 The Pilgrims Welcomed by the Shepherds of the Destructable Mountains.</li> <li>39 The Hill of Error.</li> <li>40 Atheist Meets the Pilgrims.</li> <li>41 Entangled in the Net.</li> <li>42 The Pilgrims Meet the Two Shining Ones.</li> <li>43 Christian and Hopeful Crossing the River of Death.</li> <li>44 The Pilgrims Ascend to Heaven.</li> <li>45 The Pilgrims Crowned.</li> <li>46 The Pilgrims Before the Throne.</li> </ol> |
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## H A THE PILGRIMAGE OF CHRISTIANA &amp; HER CHILDREN.

*Beautifully Painted Figure Subjects, 7s. 6d.; Plain Slides, 1s. each.*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Visit of Secret to persuade Christiana to go on Pilgrimage</li> <li>2 Christiana and her family leaving the City of Destruction</li> <li>3 Journeying as Pilgrims over the Plains towards the Wicket Gate</li> <li>4 The two sides of the Wicket, Mercy at the Gate</li> <li>5 Onward from the Wicket Gate: Christiana is shown the man with the muck-rake</li> <li>6 Tarrying at the Interpreter's House; the Pilgrims are clothed in white</li> <li>7 The Pilgrims arrive in sight of the Cross</li> <li>8 Pilgrims reach the Hill Difficulty, tired and weary, longing for rest</li> <li>9 The Arbour on the Hill, where the Pilgrims rest and are refreshed</li> <li>10 Welcomed at the Palace "Beautiful": Pilgrims are entertained by Prudence and Piety</li> </ol> | <ol style="list-style-type: none"> <li>11 Valley of the Shadow of Death, where Christiana did play the man and fought Apollyon</li> <li>12 Apollyon, effect for dissolving</li> <li>13 The Battle: Great Heart slays Giant Maul and cuts off his head</li> <li>14 The Pilgrims arrive at the River of the Water of Life, of which they drink freely, without money and without price</li> <li>15 Arrive at Vanity Fair, and are entertained at the house of one Mr. Manson</li> <li>16 Attack on Doughting Castle by Great Heart and Christiana's four Sons; Giant Despair is slain</li> <li>17 The Pilgrims reach the Enchanted Ground, the Wearisome Way: dark and dreary</li> <li>18 The Land of Beulah, Pilgrims rest in the pleasant land where the sun shineth night and day</li> <li>19 The River of Death; the farewell; and the entrance and welcome to the beautiful Throne on the other side</li> </ol> |
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NOTE,—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## 8HB BUNYAN'S THE HOLY WAR, OR THE SIEGE OF MANSOUL.

*Beautifully Painted Figures, 8s. 6d.*

*Cheap Series Coloured, 3s. 6d.*

*Plain Slides, 1s. each.*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Introductory.</li> <li>2 Mansoul, General View of the City.</li> <li>3 Diabolus cast out of Heaven.</li> <li>4 The Advice of Apollyon.</li> <li>5 Diabolus and his Companions seek Mansoul.</li> <li>6 Captain Resistance falling Dead.</li> <li>7 The Image of Diabolus is set up.</li> <li>8 Tidings brought of the Loss of Mansoul.</li> <li>9 Guards at the Gate.</li> <li>10 Diabolus incites Mansoul to Arms.</li> <li>11 The Captains of Immanuel.</li> <li>12 Incredulity's Speech from the Walls.</li> <li>13 The First Attack upon Ear-Gate.</li> <li>14 The Third Summons.</li> <li>15 Old Incredulity assailed by Understanding.</li> <li>16 Understanding and Conscience sent to Prison.</li> <li>17 The Captains petition King Shaddai.</li> <li>18 Captain Patience and his Standard-bearer, Mr. Suffer-Long.</li> <li>19 The Flag of Defiance. Barricading Ear-Gate.</li> <li>20 Diabolus Appeal to Immanuel.</li> <li>21 Mr. Loth-to-Stoop sent to the Camp of Immanuel.</li> <li>22 The Captains Rewarded.</li> <li>23 Conscience and Understanding draw up a Petition.</li> <li>24 Diabolus Overthrown.</li> <li>25 The Repentance of Mansoul.</li> <li>26 The Prisoners before Immanuel.</li> <li>27 Joy in the Camp of Immanuel.</li> <li>28 Preparing for the Prince.</li> <li>29 The Triumph of Immanuel.</li> <li>30 The Image of Diabolus is thrown down.</li> <li>31 The Trial of Hard-Heart.</li> <li>32 Haughty defending himself.</li> </ol> | <ol style="list-style-type: none"> <li>33 Old Incredulity escapes from Prison.</li> <li>34 The Charter is read in the Market-place.</li> <li>35 Immanuel's Fountain.</li> <li>36 A Daily Lecture is set up in Mansoul.</li> <li>37 Immanuel departs from Mansoul.</li> <li>38 Godly-Fear at Carnal-Security's Feast.</li> <li>39 Profane at the Gate of the Pit.</li> <li>40 Profane's Interview with Diabolus.</li> <li>41 Diabolus blowing out his Malice.</li> <li>42 Profane returns from the Pit.</li> <li>43 The Council of the Captains of Mansoul.</li> <li>44 Mansouliaus mounting their Slings.</li> <li>45 The Terrible Captain Sepulchre with his Standard-bearer, Corruption.</li> <li>46 Diabolus discomfited by the Slings of Immanuel.</li> <li>47 Cruel and Torment.</li> <li>48 The Captains continue the Defence.</li> <li>49 Battle between the Mansouliaus and Diabolians.</li> <li>50 The Healing Leaves.</li> <li>51 Mansoul is Taken.</li> <li>52 The Desolation of Mansoul.</li> <li>53 Captain Credence delivers the Letters.</li> <li>54 The Council of the Evil Ones.</li> <li>55 The Sword of Lord Willbewill and the Shield of Captain Credence.</li> <li>56 Captain Credence and Captain Patience strengthen the Town of Mansoul.</li> <li>57 The Arrest of the Conspirators.</li> <li>58 Fooling is Hung.</li> <li>59 The Death of Self-Love.</li> <li>60 The Prince makes an affectionate Speech to Mansoul, and graciously says, "Because I live thou shalt live also."</li> </ol> |
|--|--|

## RS THE NATURAL AND THE SPIRITUAL MAN.

A set of 10 slides, illustrating the Progress of the Soul of Man on the one hand through Grace, and on the other towards Perdition. The Engraving, 1s. 6d. per copy, with a Key giving Descriptions of the Emblems used, and a full Commentary of Bible Texts.

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*Beautifully Painted, £2 10s. the set. Plain Slides, 10s. the set.*

### The Upward Path.

- 1 Central Figure of our Saviour
- 2 Regeneration. The Dove and an Angel make war on Natural Sin and the Eye of the Soul opens
- 3 Justification and Adoption. Sin is cast out and the Star appears
- 4 Assurance of Faith. The Cross, the Star, and the Dove reign in the Soul, but Sin hovers round
- 5 Temptation and Trial. The Soul puts on the whole Armour of God and fights against Sin

- 6 Sanctification and Peace. Through the Grace of the Holy Spirit and study of the Word it attains to a heavenly crown

### The Downward Path.

- 7 The Natural Man. The Soul's eye closes. An Angel pleads in vain. Satan takes his place in the Soul
- 8 Philosophy and Science, falsely so called. The Bible is cast aside and self-glory fills the soul
- 9 Enticement of Sin and Lust. Excess is added to the other sins, and the Soul is bound in chains
- 10 Reprobate. Satan is enthroned in the Soul

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## HC THE ONE GREAT VOYAGE OF LIFE. An Allegory.

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|---|---|---|
| 1 Entering the Strait of the Cross                          | 8 The Icebergs                                      | 14 The Narrows of Trouble                   |
| 2 Start of the "Wanderer"                                   | 9 Captain Brightness Aes from Mr. Conscience        | 15 The Straits of Affliction                |
| 3 Mirth Harbour, Pleasureland                               | 10 Consolation Castle                               | 16 Sea of Tranquility and Palace of Delight |
| 4 The Roads of Intemperance                                 | 11 The Fleet of Sceptics                            | 17 Sunlit Isles in the Sea of Tranquility   |
| 5 Gulf of Speculation, Wealthland                           | 12 Conflict Channel                                 | 18 Crossing the Bar                         |
| 6 Promontory seen from Lightship, Farneland in the distance | 13 Temptation Point, and Channel of Worldly-desires | 19 Left on the Bar                          |
| 7 The Tower of Mercy  |   |   |

## SM THE RACE FOR WEALTH.

*Beautifully Painted, 8s. 6d.; Plain Slides, 1s. each.*

- |   |                            |
|---|----------------------------|
| 1 The Salon                                   | 4 The Trial                |
| 2 The Stock-broker's Office                   | 5 The End. Penal Servitude |
| 3 The News of the Collapse of the Speculation |                            |

## SN THE ROAD TO RUIN.

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*Beautifully Painted, 8s. 6d.; Plain Slides, 1s. each.*

- |                            |                          |
|----------------------------|--------------------------|
| 1 At College. Card-playing | 4 Struggles with Poverty |
| 2 Ascot. Horse-racing      | 5 The End. Suicide       |
| 3 The Arrest               |                          |

## SO THE GAMBLER.

A Series of Pictures on Gambling at Monte Carlo, Photographed from Life, by Messrs. W. & D. Downey.

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- |                                      |                        |
|--------------------------------------|------------------------|
| 1 The Gambler: Explaining the System | 3 The Gambler: Failure |
| 2 " Success                          | 4 " The End            |

## SP SCENES IN ANCIENT ROME.

Most of these Slides are published by permission of FRANZ HANFSTAENGL.

*Beautifully Painted, 9s. 6d. each; Plain Slides, 1s. 6d. each.*

- |  |  |
|--|--|
| 1 True till death. A Martyred Girl in one of the cells of the Coliseum (Max) | 8 A Dancing Girl dancing at a Roman Feast (Tschantsch)   |
| 2 In the Coliseum. A Christian Martyr (Fritel)                               | 9 A Bacchanalian Festival (Medovic)                      |
| 3 Telemachus stopping the Gladiatorial Combat (Stallaert)                    | 10 Horne Serene (Poynter). 1s                            |
| 4 Nero's persecutions of the Christians (Kaulbach)                           | 11 The Last Token. A Christian Maiden in the Arena (Max) |
| 5 The Triumph of Germanicus (Piloty)   | 12 Nero watching the burning of Rome. 1s.                |
| 6 A Roman Bullfight (Wagner)   | 13 Death of Britannicus. 1s.                             |
| 7 A Chariot Race (Wagner)  | 14 A Christian Martyr (Paul de la Roche). 1s.            |

For Slides of Modern Rome see Index.

## HE MOTTOES.

*Beautifully Painted, 5s.; Wreaths, 6s. 6d.; Plain Slides, 1s. each.*

- |                                       |   |
|---------------------------------------|---|
| 1 Wreath of Flowers—Attention         | 10 "Good Night"   |
| 2 " " A Happy New Year                | 11 "Many Happy Returns," Robin Redbreast                        |
| 3 " " A Merry Christmas               | 12 "Silence"  |
| 4 " " Good Night                      | 13 "Welcome," Birds feeding their Young in Nest                 |
| 5 " " Many happy returns of the day   | 14 "The heavens declare the glory of God," Motto in Stars, 10s. |
| 6 " " Silence or Welcome              | 15 "Welcome," Wreath of Azaleas                                 |
| 7 " " Serve the God of Love and Truth | 16 "Interval," Wreath of Narcissus                              |
| 8 " " The heavens declare, &c.        |   |
| 9 "A Merry Christmas," Woodland Scene |   |

## XI SONGS. Plain Slides, 6d. each.

- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1 Adieu to thee, fair Rhine         | 5 Rule Britannia                     |
| 2 Home, Sweet Home                  | 6 Should auld acquaintance be forgot |
| 3 It was the eve of Christmas       | 7 The Rhine Song                     |
| 4 Mountain Song. Let us march along | 8 True friends help each other       |

## ILLUSTRATED SACRED SOLOS.

In these Sets of Slides the words do not appear on the screen at all. The Solo should be sung by someone *whose words can be distinctly heard*, and the pictures are to be shown in the order given below as the singing proceeds. In the case of hymns there is usually one picture to each verse.

These Illustrated Solos are most effective. One or more should be used at every Lantern Service.

The first 22 of these Solos are available for Hire on the ordinary terms (see page at end of Catalogue), the remainder are included in, and can only be hired with, the New Lantern Services described on pages 319 to 332.

**ACD** "I HEARD THE VOICE OF JESUS SAY" (A. & M.)

*Beautifully Painted*, £2 8s. 6d. *the set*.

*Cheap Series* " £1 2s. 6d. "

*Plain Slides*, " 7s. 6d. "

1 Come unto Me (Scheffer). Verse I.

2 Christ and the Sinner (Copping). Verse I.

3 The Woman of Samaria (Copping). Verse II.

4 Waterfall. Verse II.

5 The Light of the World (Holman Hunt). Verse III.

6 Sunlight. Verse III.

**ACE** "COME UNTO ME, YE WEARY" (A. & M.)

*Beautifully Painted*, £1 15s. 0d. *the set*.

*Cheap Series* " 15s. 0d. "

*Plain Slides*, " 5s. 0d. "

1 Follow Me (Twidle).

2 Christ the Consoler (Blind).

3 Come unto Me (Dubufe).

4 Christ at the Church Door (Dietrich).

**ACF** "NEARER, MY GOD, TO THEE" (A. & M.)

*Beautifully Painted*, £1 19s. 6d. *the set*.

*Cheap Series* " 19s. 6d. "

*Plain Slides*, " 6s. 3d. "

1 Virgin at Cross (Ploekhorst).

2 Jacob's Dream (Dixon).

3 Steps unto Heaven (Dixon).

4 Jacob's Vow (Copping).

**ACG** "THOU ART GONE UP ON HIGH" (A. & M.)

*Beautifully Painted*, £1 17s. 6d. *the set*.

*Cheap Series* " 17s. 6d. "

*Plain Slides*, " 4s. 9d. "

1 The Ascension (Copping). Verse I.

2 The Crucifixion. Verse II.

3 The Vale of Tears (Doré). Verse II.

4 The Second Advent (Dixon). Verse III.

**ACH** "TEN THOUSAND TIMES TEN THOUSAND" (A. & M.)

*Beautifully Painted*, £3 18s. 6d. *the set*.

*Cheap Series* " £1 18s. 6d. "

*Plain Slides*, " 9s. 6d. "

1 The Last Trump (Dixon). Verse I.

2 The Golden Gates (Blind). Verse I.

3 The Saints Received (Dixon). Verse II.

4 Carried to Heaven (Dixon). Verse II.

5 Heaven (Martin). Verse III.

6 The Saints Ascending (Dixon). Verse III.

7 The Second Advent (Dixon). Verse IV.

8 Christ Descends in Glory (Dixon). Verse IV.

**ACI** "WE SAW THEE NOT" (A. & M.)

*Beautifully Painted*, £2 6s. 6d. *the set*.

*Cheap Series* " £1 1s. 6d. "

*Plain Slides*, " 8s. 0d. "

1 Christ a Boy at Nazareth (Tissot).

2 The Darkness at the Crucifixion (Duran).

3 The Angel at the Tomb (Penrose).

4 The Ascension (Copping).

5 The Widow's Prayer (Frere).

**ACK** "TAKE UP THY CROSS" (A. & M.)

*Beautifully Painted*, £2 15s. 6d. *the set*.

*Cheap Series* " £1 5s. 6d. "

*Plain Slides*, " 10s. 3d. "

1 Follow Me (Twidle).

2 Taking up the Cross (Shields).

3 Crucifixion (Benz).

4 The Disciple (Millais).

5 Compassion (Bouguereau).

6 The Glorious Company—Praise Thee (Le Jeune).

## ILLUSTRATED SACRED SOLOS—Continued.

## ACL

## "ONCE IN ROYAL DAVID'S CITY" (A. &amp; M.)

*Beautifully Painted*, £2 16s. 0d. *the set.**Cheap Series* " £1 6s. 0d. "*Plain Slides*, 9s. 0d. "

- 1 The Nativity (Müller).
- 2 The Nativity.
- 3 The Virgin and Child (Bodenhausen).
- 4 Rest on the Way into Egypt (Beyschlag).

- 5 "Of Such is the Kingdom of Heaven" (Twidle).
- 6 "Heaven" (C. S. Dixon).

## ACM

## "ETERNAL FATHER! STRONG TO SAVE" (A. &amp; M.)

*Beautifully Painted*, £1 15s. 0d. *the set.**Cheap Series* " 16s. 0d. "*Plain Slides*, 5s. 6d. "

- 1 Stormy Sea.
- 2 Christ Walking on the Sea (Lawson).

- 3 The Spirit of God Moving on the Face of the Waters (B. Riviere).
- 4 God Guards His Own (Raupp).

## ACN

## "FIERCE RAGED THE TEMPEST" (A. &amp; M.)

*Beautifully Painted*, £1 14s. 0d. *the set.**Cheap Series* " 15s. 0d. "*Plain Slides*, 5s. 0d. "

- 1 Christ Asleep in a Boat (Constant).
- 2 Stilling the Tempest (Dietrich)

- 3 Sunset on the Atlantic.
- 4 Christ the Consoler (R. Blind).

## ACO

## "NOW THE DAY IS OVER" (A. &amp; M.)

*Beautifully Painted*, £3 16s. 6d. *the set.**Cheap Series* " £1 7s. 6d. "*Plain Slides*, 9s. 9d. "

- 1 Sunset.
- 2 Moonlight.
- 3 "Worm Out" (T. Faed).
- 4 Child and Angels.

- 5 The Brink of Eternity (Kaulbach).
- 6 Good Night! (J. E. Millais).
- 7 Good Morning! (J. E. Millais).
- 8 The Heavenly Host (Reynolds).

## ACP

## "JESUS SHALL REIGN" (A. &amp; M.)

*Beautifully Painted*, £1 13s. 6d. *the set.**Cheap Series* " 15s. 0d. "*Plain Slides*, 4s. 6d. "

- 1 Moonlight on the Sea.
- 2 Foundling Girls (Merle).

- 3 Come unto Me.
- 4 The Desire of all Nations (Fellowes Prynce)

## ACQ

## "SUN OF MY SOUL" (A. &amp; M.)

*Beautifully Painted*, £2 1s. 0d. *the set.**Cheap Series* " £1 1s. 0d. "*Plain Slides*, 6s. 0d. "

- 1 Sunset.
- 2 Good Night! (Millais).
- 3 Twilight.

- 4 The Lord's Prayer (Le Jeune).
- 5 Worm Out (Faed).
- 6 Good Morning! (Millais).

## ACR

## "GLORY TO THEE, MY GOD" (A. &amp; M.)

*Beautifully Painted*, £2 9s. 6d. *the set.**Cheap Series* " £1 4s. 0d. "*Plain Slides*, 8s. 0d. "

- 1 Sleep (A. Douillard).
- 2 The Widow's Prayer (Frere).
- 3 The Grave.

- 4 Invocation (Nonnenbruch).
- 5 Faith.
- 6 The Evening Hymn (Twidle).

## ILLUSTRATED SACRED SOLOS—Continued.

## F E

## "THE SOWER" (A. &amp; M.)

*Beautifully Painted Figures, 8s. 6d. each.**Plain Slides, " View, 5s. " "*

1 "The Sower went forth sowing

2 "The Heavenly Sower goes forth with better seed

3 "Within a hallowed acre He sows yet other grain

4 "One day the Heavenly Sower shall reap when  
He hath sown

## F F

## "NAZARETH" (Gounod.)

*Beautifully Painted, 8s. 6d. each.**Plain Photographs, 1s. " "*

1 "Though poor be the chamber"

2 "Angel voices near"

3 "Draw near and behold Him"

4 "Your crowns cast down"

5 "Proclaim the joyful Story"

6 "Lo! the Lord of Heaven hath to mortals given,  
Life for evermore"

## F G

## "THE HOLY CITY" (F. E. Weatherley.)

*Beautifully Painted, 8s. 6d. each.**Plain Slides, 1s. " "*

1 "I stood in old Jerusalem"

2 "I heard the children singing"

3 "The sun grew dark with mystery"

4 "The shadow of a Cross arose"

5 "I saw the Holy City"

6 "Hosanna in the Highest"

## F H

## "I KNOW THAT MY REDEEMER LIVETH" (Handel.)

*Beautifully Painted, 8s. 6d. each.**Plain Slides, 1s. " "*

1 "He shall stand at the last day upon the earth"

2 "In my flesh I shall see God"

3 "For now is Christ risen from the dead"

## F I

## "HE WAS DESPISED" (Handel.)

*Beautifully Painted, 8s. 6d. each.**Plain Slides, 1s. " "*

1 "He was despised"

2 "A Man of sorrows"

3 "Rejected of men"

## F K

## "HE SHALL FEED HIS FLOCK" (Handel.)

*Beautifully Painted, 8s. 6d. each.**Plain Slides, 1s. " "*

1 "He shall feed His Flock"

2 "He shall gather the lambs with His Arm"

3 "And gently lead those that are with young."

## T R

## ABIDE WITH ME. (A. &amp; M.)

*Beautifully Painted, 5s. each.**Plain Slides, 1s. " "*

1 "Fast falls the eventide"

2 "The darkness deepens"

3 "Help of the helpless"

4 "Its glories pass away"

5 "What but Thy grace can foil the tempter's  
power"

6 "Through cloud and sunshine"

7 "I fear no foe with Thee at hand to bless"

8 "Where, grave, thy victory"

9 "Hold Thou Thy Cross"

10 "Heaven's morning breaks"

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



## ILLUSTRATED SACRED SOLOS—Continued.

## ACS

## "SOLDIERS OF CHRIST, ARISE!" (A. &amp; M.)

*Beautifully Painted*, £2 17s. 0d. *the set*.*Cheap Series* " £1 7s. 0d. "*Plain Slides*, 11s. 0d. "

1 Christ Sending Forth His Soldier (Twidle).

2 Lo! I am with you Always (Twidle).

3 The Armed Knight (Hassall).

4 The Powers of Darkness (Copping).

5 The Crown of Glory (Twidle).

6 Thanksgiving (Copping).

NOTE.—The following Solos are only for sale at present. They can only be hired with our "New Lantern Services," particulars of which will be sent on application.

## ACT

## "IN THE HOUR OF TRIAL" (C. H. &amp; H. C.)

*Beautifully Painted*, £1 14s. 6d. *the set*.*Cheap Series* " 15s. 6d. "*Plain Slides*, 4s. 6d. "

1 In the Hour of Trial (Hofmann).

2 With its Witching Pleasures (Max Eloher).

3 If with Sore Affliction (R. Blind).

4 When in Dust and Ashes (H. le Jeune).

## ACU

## "I GAVE MY LIFE FOR THEE" (A. &amp; M., New Ed.)

*Beautifully Painted*, £2 16s. 6d. *the set*.*Cheap Series* " £1 8s. 0d. "*Plain Slides*, 11s. 3d. "

1 I Gave My Life for thee (Hofmann).

2 I spent Long Years for thee (Tissot).

3 My Father's Home of Light (Suchodolski).

4 I Suffered Much for thee (Baumeister).

5 And I have Brought to thee (Hofmann).

6 O Let thy Life be Given (Des Courdes).

## ACV

## "THOU DIDST LEAVE THY THRONE" (A. &amp; M., New Ed.)

*Beautifully Painted*, £2 17s. 0d. *the set*.*Cheap Series* " £1 7s. 0d. "*Plain Slides*, 8s. 0d. "

1 Thou Didst Leave Thy Throne (Fensterstein).

2 Heaven's Arches Rang (Edelfeldt).

3 The Foxes Found Rest (Liska).

4 Thou Camest, O Lord (Echena).

5 When Heaven's Arches shall Ring (C. S. Dixon).

6 Christ before Herod (C. S. Dixon).

## ACW

## "THERE WERE NINETY AND NINE" (S.)

*Beautifully Painted*, £2 7s. 6d. *the set*.*Cheap Series* " £1 3s. 0d. "*Plain Slides*, 5s. 6d. "

1 But One was Out on the Hills Away (C. S. Dixon).

2 Lord, Thou Hast Here Thy Ninety and Nine (Sybil Parker).

3 How Dark was the Night (C. S. Dixon).

4 Lord, Whence are those Blood-drops (Kehren).

5 Rejoice, I have Found My Sheep (C. S. Dixon).

## ACX

## "THERE IS A GREEN HILL" (Gounod, A. &amp; M.)

*Beautifully Painted*, £2 4s. 6d. *the set*.*Cheap Series* " £1 1s. 6d. "*Plain Slides*, 7s. 6d. "

1 There is a Green Hill.

2 We may not Know (Tissot).

3 He Died that we Might be Forgiveness (Tissot).

4 There was None Other (Benz).

5 Oh, Dearly has He Loved (Firie).

## ACY

## "RIDE ON, RIDE ON, IN MAJESTY!" (A. &amp; M.)

*Beautifully Painted*, £2 8s. 6d. *the set*.*Cheap Series* " £1 4s. 0d. "*Plain Slides*, 8s. 0d. "

1 Hark, all the Tribes (Ploekhorst).

2 In Lowly Pomp (Edelfeldt).

3 The Angel Armies of the Sky (Thomson).

4 The Father on His Sapphire Throne (C. S. Dixon).

5 Bow Thy Meek Head (C. S. Dixon).

ILLUSTRATED SACRED SOLOS—*Continued.***ACZ**

"O COME AND MOURN" (A. &amp; M.)

*Beautifully Painted*, £2 19s. 0d. *the set.**Cheap Series* " £1 9s. 0d. "*Plain Slides*, " 10s. 0d. "

1 O Come and Mourn (Benz).

2 Have We no Tears? (Plockhorst).

3 How Fast His Hands (C. S. Dixon).

4 Seven Times He Spake (C. S. Dixon).

5 Come, Let us Stand (Hofmann).

6 A Broken Heart (Lingner).

**ADA**

"BY JESU'S GRAVE" (A. &amp; M.)

*Beautifully Painted*, 18s. 6d. *the set.**Cheap Series* " 8s. 6d. "*Plain Slides*, " 3s. 6d. "

1 By Jesu's Grave (Hofmann).

2 In the Sepulchre (Scheffer).

**ADB**

"HARK, HARK, MY SOUL!" (A. &amp; M.)

*Beautifully Painted*, £1 15s. 6d. *the set.**Cheap Series* " 17s. 0d. "*Plain Slides*, " 5s. 6d. "

1 Angel Songs are Swelling (Bodenhausen).

2 Still we Hear them Singing (Thomson).

3 The Voice of Jesus (Dietrich).

4 Rest Comes at Length (Falero).

**ADC**

"WATCHMAN, WHAT OF THE NIGHT?" (Sullivan.)

*Beautifully Painted*, £1 1s. 0d. *the set.**Cheap Series* " 10s. 6d. "*Plain Slides*, " 3s. 0d. "

1 The Night.

2 The Night of Sorrow

3 The Grave.

**ADD**

"THE REAPER AND THE FLOWERS" (Cowen.)

*Beautifully Painted*, £1 8s. 6d. *the set.**Cheap Series* " 14s. 0d. "*Plain Slides*, " 6s. 0d. "

1 The Assyrians Slain (Villégas).

2 A Gift from Heaven (Plockhorst).

3 In the Church (Rettig).

**ADE**

"THE ANGEL GABRIEL" (Novello.)

*Beautifully Painted*, £1 6s. 0d. *the set.**Cheap Series* " 11s. 6d. "*Plain Slides*, " 3s. 6d. "

1 The Annunciation (Hacker).

2 Maria (Franz Müller).

3 A Messenger of Peace (Bodenhausen).

**ADF**

"WHEN I VIEW THE MOTHER" (Barnby.)

*Beautifully Painted*, 19s. 0d. *the set.**Cheap Series* " 9s. 0d. "*Plain Slides*, " 3s. 0d. "

1 Madonna and Child (Bodenhausen).

2 The Holy Family (De Fregger).

**ADG** "IN THE FIELDS WITH THEIR FLOCKS ABIDING" (Farmer.)*Beautifully Painted*, £1 16s. 0d. *the set.**Cheap Series* " 16s. 0d. "*Plain Slides*, " 6s. 3d. "

1 The First Christmas Morn (Thomson).

2 Angels and Shepherds (Edelfeldt).

3 The Holy Night (Müller).

4 The Wise Men Journeying (Tissot).

ILLUSTRATED SACRED SOLOS—*Continued.***ADH****"THE HOLY SHRINE" (Newton.)***Beautifully Painted, £1 5s. 6d. the set.**Cheap Series " 10s. 6d. "**Plain Slides, 3s. 0d. "*

1 The Wise Men in the Palace.

2 Crossing the Desert.

3 Adoration of the Magi (Pfanschmidt).

**ADI****"SLEEP, HOLY BABE" (Quartette. Dykes.)***Beautifully Painted, £1 16s. 6d. the set.**Cheap Series " 17s. 6d. "**Plain Slides, 6s. 6d. "*

1 Mary in the Desert (De La Roche).

2 Madonna and Child (Marr).

3 The Star of Bethlehem (Piglhen).

4 The Birth at Bethlehem (Hofmann).

**ADK****"MY BABE, MY SON, MY SAVIOUR" (H. Leslie.)***Beautifully Painted, £1 15s. 0d. the set.**Cheap Series " 16s. 0d. "**Plain Slides, 5s. 0d. "*

1 Virgin and Child (Max).

2 The Holy Night (Feuerstein).

3 Patient in Tribulation (F. Goodall).

4 Mary Magdalene (Lingner).

**ADL****"ROCK OF AGES" (Gounod.)***Beautifully Painted, £1 7s. 6d. the set.**Cheap Series " 12s. 6d. "**Plain Slides, 4s. 6d. "*

1 The Dying Christ (Caracci).

2 Mary Magdalene (Scheffer).

3 Towards a Better World (Falero).

4 Crucifix (Statuary).

**ADM****"O LORD, CORRECT ME" (Handel.)***Plain Slides, 2s. the set.*

1 The Prodigal Son (Statuary).

2 Christ (Statuary).

**ADN****"LOVE NOT THE WORLD" (Sullivan.)***Beautifully Painted, 19s. 6d. the set.**Cheap Series " 9s. 6d. "**Plain Slides, 2s. 6d. "*

1 The Kingdoms of this World (Dixon).

2 The Choice (Max Elsher).

**ADO****"THE VOICE OF THE FATHER" (Cowen.)***Beautifully Painted, 18s. 6d. the set.**Cheap Series " 8s. 6d. "**Plain Slides, 3s. 6d. "*

1 Christ the Comforter.

2 Ecce Homo (Plockhorst).

**ADP****"THE PEACE OF GOD" (Gounod.)***Beautifully Painted, 19s. 0d. the set.**Cheap Series " 9s. 0d. "**Plain Slides, 6s. 0d. "*

1 Peace be with you (Hofmann).

2 God Protects His Own (Raupp).

3 The Golden Morn is Breaking.

4 The Last Trump (C. S. Dixon).

**ADQ****"THE CROSS OF CALVARY" (Gounod.)***Beautifully Painted, £1 17s. 0d. the set.**Cheap Series " 18s. 0d. "**Plain Slides, 6s. 0s. "*

1 Compassion (Bouguereau).

2 Mary at the Cross (Auhert).

3 The Grief of Mary (Lefebvre).

## ILLUSTRATED SACRED SOLOS—Continued.

## ADR

## "THE STORY OF THE CROSS."

*Beautifully Painted*, £1 9s. 6d. *the set*.*Cheap Series* " 14s. 6d. "*Plain Slides*, 7s. 0d. "

1 The Path of Thorns (Burnand).

2 The Last Hour (Duran).

3 The Crucifixion (Bouguereau).

4 Crucifix (Statuary).

## ADS

## "THE KING OF LOVE" (Gounod.)

*Beautifully Painted*, £2 5s. 6d. *the set*.*Cheap Series* " £1 1s. 6d. "*Plain Slides*, 7s. 9d. "

1 The Good Shepherd (Walsh).

2 The Good Shepherd (Sybil Parker).

3 The Good Shepherd (Tissot).

4 The Dying Soldier.

5 Christ at the Door (Abbey).

## ADT

## "O, REST IN THE LORD" (Mendelssohn)

*Beautifully Painted*, 19s. 6d. *the set*.*Cheap Series* " 9s. 6d. "*Plain Slides*, 4s. 3d. "

1 The Prisoner's Hope (Downey).

2 The Lord (Hofmann).

## ADU

## "IF WITH ALL YOUR HEARTS" (Mendelssohn)

*Beautifully Painted*, £1 0s. 0d. *the set*.*Cheap Series* " 10s. 0d. "*Plain Slides*, 3s. 6d. "

1 Come unto Me (Hofmann).

2 Rock of Ages.

## ADV

## "CROSSING THE BAR" (Tennyson.)

*Beautifully Painted*, £1 3s. 6d. *the set*.*Cheap Series* " 10s. 6d. "*Plain Slides*, 3s. 0d. "

1 Sunset.

2 Twilight.

3 I Hope to See my Pilot Face to Face.

## ADW

## "I STOOD OUTSIDE THE GATE" (Sankey.)

*Beautifully Painted*, £1 8s. 6d. *the set*.*Cheap Series* " 13s. 6d. "*Plain Slides*, 5s. 6d. "

1 I Stood Outside the Gate (Tissot).

2 O Give me Rest from Sin (Tissot).

3 Christ at the Door (Abbey).

## ADX

## "FROM CROSS TO CROWN" (C. Bingham.)

*Beautifully Painted*, £1 16s. 0d. *the set*.*Cheap Series* " 16s. 0d. "*Plain Slides*, 5s. 3d. "

1 Bunyan's Distress (Copping).

2 Christ Falling under the Cross (Fellowes-Pryne).

3 The Risen Christ.

4 The Company of the Apostles (H. le Jeune).

## ADY "COME UNTO ME—IT IS THE SAVIOUR'S VOICE" (Sankey.)

*Beautifully Painted*, £1 5s. 6d. *the set*.*Cheap Series* " 10s. 6d. "*Plain Slides*, 3s. 0d. "

1 Christ the Comforter.

2 Come unto Me (Duhufe).

3 Come unto Me (Scheffer).

## ILLUSTRATED SACRED SOLOS—Continued.

**ADZ** "OH, THE BITTER SHAME AND SORROW" (Sankey.)

*Beautifully Painted*, £1 15s. 0d. *the set.*  
*Cheap Series* " 15s. 0d. "  
*Plain Slides*, 5s. 3d. "

- 1 All of Self (Tissot).  
 2 Some of Self (Lingner).

- 3 Less of Self (Goodall).  
 4 None of Self (Scheffer).

**AEA** "O PRECIOUS WORDS THAT JESUS SAID" (Sankey.)

*Beautifully Painted*, £1 17s. 0d. *the set.*  
*Cheap Series* " 17s. 6d. "  
*Plain Slides*, 6s. 9d. "

- 1 Cleansing the Leper (Hole).  
 2 The Door of the Fold (Sybil Parker).

- 3 Christ Teaching the Multitude.  
 4 The Resurrection (Plockhorst).

**AEB** "MOURNER, WHERESOEVER THOU ART" (Sankey.)

*Beautifully Painted*, £1 6s. 6d. *the set.*  
*Cheap Series* " 11s. 6d. "  
*Plain Slides*, 4s. 6d. "

- 1 Stabat Mater (Laserges).  
 2 Haste thee, Wanderer (Lefebvre).

- 3 The Dying Christ (Caracci).

**AEC** "I KNOW NOT WHAT AWAITS ME" (Sankey.)

*Beautifully Painted*, £1 7s. 6d. *the set.*  
*Cheap Series* " 12s. 6d. "  
*Plain Slides*, 5s. 0d. "

- 1 Sir Galahad (G. F. Watts).  
 2 In Manus Tuas Domine (Briton Riviere).

- 3 Kept by the Power of God (Twidle).

**AED** "O SACRED HEAD, SURROUNDED" (Hymns A. & M.)

*Beautifully Painted*, £1 8s. 6d. *the set.*  
*Cheap Series* " 13s. 6d. "  
*Plain Slides*, 5s. 6d. "

- 1 Christ Crowned with Thorns (Beraud).  
 2 Christ on the Cross (Velasquez).

- 3 Faith (Firle).

**AEE** "IN THE LAND OF STRANGERS" (Sankey.)

*Beautifully Painted*, £2 7s. 6d. *the set.*  
*Cheap Series* " 18s. 0d. "  
*Plain Slides*, 6s. 3d. "

- 1 In the Land of Strangers (Tschantsch).  
 2 From the Land of Hunger (Dixon).  
 3 See the Door Still Open (Dixon).

- 4 Far Off Thou hast Wandered (Copping).  
 5 Thou art Friendless (Dubufe).

**AEF** "BRIGHTLY BEAMS OUR FATHER'S MERCY" (Sankey.)

*Beautifully Painted*, £1 5s. 6d. *the set.*  
*Cheap Series* " 11s. 6d. "  
*Plain Slides*, 4s. 6d. "

- 1 The Lighthouse. Verse I.  
 2 Words of Chorus. To be shown after each Verse.

- 3 The Wreck (Gribble). Verse II.  
 4 The Shore Lights (Duncan). Verse III.

## ILLUSTRATED HYMNS.

In this Series all the words of the hymn appear on the screen, usually one verse and a picture illustrating it on each slide, so that the audience can join in the singing.

Great care has been taken that the pictures shall really illustrate the words, and many expensive copyright pictures are consequently employed in the sets.

**AEG****"GLORY TO THEE, MY GOD" (A. & M.)**

*Beautifully Painted*, £2 10s. 0d. *the set.*

*Cheap Series* " £1 3s. 6d. "

*Plain Slides*, " 9s. 0d. "

1 Keep me, O keep me.

2 Forgive me, Lord.

3 The Grave.

4 O may my soul.

5 My soul with heavenly thoughts supply.

6 Praise God, from Whom all blessings flow.

**AEH****"I HEARD THE VOICE OF JESUS SAY" (A. & M.)**

*Beautifully Painted*, £2 9s. 0d. *the set.*

*Cheap Series* " £1 4s. 6d. "

*Plain Slides*, " 9s. 3d. "

1 Come unto Me and rest.

2 I came to Jesus as I was.

3 Behold I freely give.

4 Of that Life-giving Stream.

5 I am this dark world's Light.

6 And in that Light of Life I'll walk.

**AEI****"JESUS SHALL REIGN" (A. & M.)**

*Beautifully Painted*, £1 14s. 6d. *the set.*

*Cheap Series* " 16s. 0d. "

*Plain Slides*, " 5s. 6d. "

1 Jesus shall reign.

2 And infant voices.

3 The weary and eternal rest.

4 Let every creature.

**AEK****"NEARER, MY GOD, TO THEE" (A. & M.)**

*Beautifully Painted*, £1 17s. 6d. *the set.*

*Cheap Series* " 17s. 6d. "

*Plain Slides*, " 7s. 3d. "

1 Nearer to Thee (Plockhorst).

2 My Rest a Stone (Sanders).

3 Steps unto Heaven (Sanders).

4 Bethel I'll Raise (Copping).

**AEL****"ONWARD, CHRISTIAN SOLDIERS" (A. & M.)**

*Beautifully Painted*, £2 10s. 6d. *the set.*

*Cheap Series* " £1 4s. 6d. "

*Plain Slides*, " 9s. 6d. "

1 Onward, Christian Soldiers. (Repeat this after every verse.)

2 Christ the Royal Master.

3 At the sign of triumph.

4 Like a mighty army.

5 Crowns and thrones may perish.

6 Blend with ours your voices.

**AEM****"SOLDIERS OF CHRIST, ARISE!" (A. & M.)**

*Beautifully Painted*, £2 17s. 6d. *the set.*

*Cheap Series* " £1 8s. 6d. "

*Plain Slides*, " 12s. 6d. "

1 Strong in the strength which God supplies.

2 Strong in the Lord of Hosts.

3 Stand then in His Great Might.

4 Tread all the powers of darkness down.

5 A crown of joy at last.

6 We praise Thee and adore.

**AEN****"SUN OF MY SOUL" (A. & M.)**

*Beautifully Painted*, £2 10s. 6d. *the set.*

*Cheap Series* " £1 2s. 6d. "

*Plain Slides*, " 7s. 6d. "

1 O may no earth-born cloud arise.

2 When the soft dews.

3 Abide with me from morn till eve.

4 If some poor wandering child of Thine.

5 Watch by the sick.

6 Come near and bless us.

**AEO****"TAKE UP THY CROSS" (A. & M.)**

*Beautifully Painted*, £2 8s. 3d. *the set.*

*Cheap Series* " £1 3s. 3d. "

*Plain Slides*, " 10s. 9d. "

1 And humbly follow after Me.

2 Fill thy weak spirit with alarm.

3 The Lord for Thee.

4 For only he who bears the cross.

5 All praise for evermore ascend.

## ILLUSTRATED HYMNS—Continued.

## FW

## FROM GREENLAND'S ICY MOUNTAINS.

Beautifully Painted, £1 6s. the set.

Cheap Series, £0 14s. „

Plain Slides, £0 4s. „

- 1 " From Greenland's icy mountains "  
 1 " From many a palmy plain "  
 2 " Blows soft o'er Ceylon's Isle "  
 2 " Bows down to wood and stone "

- 3 " Can we whose souls are lighted "  
 3 " Has learnt Messiah's Name "  
 4 " Till like a sea of glory "  
 4 " Redeemer, King, Creator "

## FX

## THE SPACIOUS FIRMAMENT ON HIGH.

Beautifully Painted, 19s. 6d. the set.

Plain Slides, 3s. 0d. „

- 1 " The unwearied Sun from day to day "  
 2 " The Moon takes up the wondrous tale "  
 3 " Move round the dark terrestrial ball "

## FV

## PICTORIAL HYMNS.

Beautifully Painted, 3s. 6d. to 6s. 6d. each.

Plain Slides, 1s. each.

These Hymns are photographed on the same slide as the Picture, so that both Picture and the whole of the Hymn are exhibited on the screen at the same time.

- 1 O! Jesu, Thou art standing.—*"The Light of the World"*  
 2 Christian, seek not yet repose.—*Christ and the three Disciples in the garden*  
 3 Come, see the place where Jesus lay.—*The Angel announcing the Resurrection to the Women*  
 4 Come unto Me, ye weary.—*Christ teaching the people*  
 5 It is finished! Blessed Jesus.—*Christ carried to His burial*  
 6 My God, and is Thy table spread.—*The Last Supper*  
 7 Onward, Christian Soldiers.—*The Cross, 4s. 6d.*  
 8 O Sacred Head surrounded.—*Christ crowned with thorns*  
 9 Ride on! ride on in majesty.—*Christ's entry into Jerusalem*  
 10 The King of Love my Shepherd is.—*Christ the Good Shepherd*  
 11 The strife is o'er, the battle done.—*The Risen Christ*  
 12 When I survey the wondrous Cross.—*Cross on the summit of Calvary*  
 13 Fierce raged the tempest.—*Christ stilleth the tempest*  
 14 God moves in a mysterious way.—*The Creation of Light*  
 15 Go to dark Gethsemane.—*Christ in the Garden*  
 16 Holy Bible, book Divine.—*The Bible*  
 17 It is finished.—*Christ on the Cross*  
 18 Sound the loud timbrel.—*Miriam singing with the Maidens*  
 19 There is life for a look.—*Christ hanging on the Cross*  
 20 When Mothers of Salem.—*Christ blessing Children*  
 21 Hark, the Herald angels sing.—*Angels appearing to the Shepherds*  
 22 Lead, kindly Light.—*"A Light unto thy path"*  
 23 Tell me the old, old story.—*The first Christmas*  
 24 While Shepherds watched their flocks by night.—*The shepherds watching their flocks*  
 25 As pants the hart.—*Deer hard pressed*  
 26 Alleluia! Sing to Jesus. *Cup with Grapes and Wheat*  
 27 As with gladness men of old. *Star and Cross*  
 28 Brief life is here our portion. *Butterflies*  
 29 For the beauty of the Earth. *Birds and Nests*  
 30 From Egypt's bondage come. *Egyptian Temple*  
 31 God That madest Earth and Heaven. *Hedge-row*  
 32 Gracious Spirit, Holy Ghost. *Dove and Lighted Lamp*  
 33 Let us raise our grateful voices. *Birds and Flowers*  
 34 Let us with a gladsome mind. *"All living creatures He doth feed"*  
 35 Oh! worship the King, all glorious above. *Flowers and Butterflies*  
 36 O Lord, how happy should we be. *Birds*  
 37 O Lord of Heaven, and Earth, and Sea. *Flowers and Wheat*  
 38 Our Risen Redeemer ere He breathed. *Column with Dove and Lighted Lamp*  
 39 O Word of God Incarnate. *"A Lamp of purest Gold"*  
 40 Soldiers of Christ, Arise! *Armour*  
 41 Soldiers of the Cross, Arise! *"Gird you with your armour bright"*  
 42 Take up thy Cross the Saviour said. *Cross with crown of thorns*  
 43 There is a book who runs may read. *Butterflies and Flowers*  
 44 Thou, Whose Almighty Word. *"The Lamp of Grace"*  
 45 Three in One, and One in Three. *Seascape with Birds*  
 46 Through the Night of Doat and Sorrow. *"Burns the Guiding Light"*  
 47 We love the place, O God. *Font*  
 48 We plough the fields and scatter. *Vase with Wheat and Grapes*  
 49 We pray Thee, Heavenly Father. *Birds drinking*  
 50 We sing the praise of Him Who died. *Cross with Wheat*  
 51 We thank Thee, Lord, for this fair earth. *Land-scape*

## GA

## TEMPERANCE HYMNS.—1s. each.

- 1 Bravely launch the Temperance Life-boat  
 1 Friends of Freedom, swell the song  
 2 Look not upon the Wine with its ruby glow  
 3 Oh! have you heard the glorious news that's round the town to-day  
 4 Save the Drunkard  
 5 Touch not the Cup, it is death to the soul  
 6 Throw down the Bottle  
 7 Water is best for the Trees of the Forest

## FZ HYMNS FOR THE STORY OF THE CROSS.

6d. each, or a Set of 6, 3s.

- 1 In His own raiment clad  
 1 Follow to Calvary  
 3 On the Cross lifted  
 3 Child of My grief and pain  
 3 O! I will follow Thee

## 8FY

## HYMNS.

These Hymns have been set up in a large, bold, clear type, and photographed by a new process which gives clear black letters on a perfectly white ground.

Price 6d. each.

- 1 A cry, as of pain
- 2 A few more years shall roll
- 3 A little pilgrim on life's way
- 4 Abide with me, fast falls the eventide
- 5 Above the waves of earthly strife
- 6 Alas! and did my Saviour bleed?
- 7 All glory, laud, and honour
- 8 All hail the power of Jesus' name
- 9 All Merciful, Almighty Lord
- 10 All people that on earth do dwell
- 11 All things bright and beautiful
- 12 All ye who seek for sure relief
- 13 Alleluia! sing to Jesus
- 14 "Almost persuaded" now to believe
- 15 And now, beloved Lord, Thy Soul resigning
- 16 And now, O Father, mindful of the love
- 17 Angels from the realms of glory
- 18 Angry words, oh! let them never
- 19 Around the throne of God in Heaven
- 20 Art thou weary, art thou languid
- 21 Art thou weary, sad, and lonely?
- 22 A safe Stronghold our God is still
- 23 As pants the hart
- 24 As the rosy tint of dawning
- 25 As with gladness men of old
- 26 At even ere the sun was set
- 27 At the Cross her station keeping
- 28 At the Name of Jesus
- 29 Ave Maria, blessed maid
- 30 Awake, my soul! and with the sun
- 31 Awake, my soul, in joyful lays
- 32 Be joyful in God, all ye lands of the earth
- 33 Be Thou my guardian and my guide
- 34 Before Jehovah's awful throne
- 35 Behold a stranger at the door
- 36 Behold the Lamb of God
- 37 Beneath the Cross of Jesus
- 38 Blessed be the Fountain of Blood
- 39 Blest are the pure in heart
- 40 Bread of Heaven, on Thee we feed
- 41 Brief life is here our portion
- 42 Brightest and best of the sons of the morning
- 43 Brightly beams our Father's mercy
- 44 Brightly gleams our banner
- 45 By Jesus' grave on either hand
- 46 By the Cross of Jesus dying
- 47 Calm me, my God, and keep me calm
- 48 Captains of the saintly band
- 49 Carol, sweetly carol
- 50 Children of the Heavenly King
- 51 Christ is gone up; yet ere He passed
- 52 Christ the Lord is risen to-day
- 53 Christ was born on Christmas Day
- 54 Christ, who once amongst us
- 55 Christ, who set free the children three
- 56 Christ, whose glory fills the skies
- 57 Christian, dost thou see them
- 58 Christian, seek not yet repose
- 59 Christians, awake—salute the happy morn
- 60 Church of the living God
- 61 Cling to the Bible
- 62 Come, and welcome, to the Saviour
- 63 Come, every soul by sin oppressed
- 64 Come, gracious Lord, our hearts inspire
- 65 Come, Gracious Spirit, Heavenly Dove
- 66 Come, Holy Ghost, our souls inspire
- 67 Come, labour on!
- 68 Come, let us join our cheerful songs
- 69 Come, see the place where Jesus lays
- 70 Come, sing with holy gladness
- 71 Come, Thou Fount of every blessing
- 72 Come, Thou long-expected Jesus
- 73 Come, thou weary! Jesus calls thee
- 74 Come to the Saviour, make no delay
- 75 Come unto Jesus, ye that mourn
- 76 Come unto Me, ye weary
- 77 Come, ye faithful, raise the anthem
- 78 Come, ye faithful, raise the strain
- 79 Come, ye thankful people, come
- 80 Conquering kings their titles take
- 81 Courage, brothers, do not stumble
- 82 Creator of the starry night
- 83 Creator of the world, to Thee
- 84 Crown Him with many crowns
- 85 Dare to do right, dare to be true
- 86 Daughter of Zion, from the dust
- 87 Days and moments quickly flying
- 88 Death came, and Jesus meekly bowed
- 89 Depth of mercy, can there be
- 90 Dispose supreme and Judge of the earth
- 91 Do no sinful action
- 92 Down the ages long departed
- 93 Down the stream of life they glide
- 94 Each gentle dove and sighing bough
- 95 Earth hath many a noble city
- 96 Eternal Father, strong to save
- 97 Eternal Father! who can tell
- 98 Fair waved the golden corn
- 99 Faith of our fathers! living still
- 100 Far down the ages now
- 101 Far, far away, in heathen darkness dwelling
- 102 Father of all from land and sea
- 103 Father of Heaven, whose love profound
- 104 Father of mercies, God of love
- 105 Father, whose creating Hand
- 106 Fierce raged the tempest o'er the deep
- 107 Fight the good fight with all thy might
- 108 Filled with a nation's woes
- 109 For all the Saints who from their labours rest
- 110 For ever with the Lord
- 111 For our valiant soldiers
- 112 For the souls that overcome
- 113 For Thy mercy and Thy grace
- 114 Forgive them, O my Father
- 115 Forsaken once, and thrice denied
- 116 Forty days and forty nights Thou wast fasting
- 117 Free from the law, O happy condition
- 118 Friends of freedom
- 119 From all that dwell below the skies
- 120 From Egypt's bondage come
- 121 From Greenland's icy mountains
- 122 From pain to pain, from woe to woe
- 123 From the eastern mountains
- 124 Gentle Jesus, meek and mild
- 125 Glory be to Jesus, Who in bitter pain
- 126 Glory, honour, praise, and power
- 127 Glory to Thee, my God, this night
- 128 Glorious things of Thee are spoken
- 129 Go and tell Jesus, weary, sin-sick soul
- 130 Go, labour on; spend, and be spent
- 131 Go to dark Gethsemane
- 132 Go when the morning shineth
- 133 Go work in My vineyard, there is plenty to do
- 134 God bless our native land
- 135 God is working His purpose out
- 136 God loved the world of sinners lost
- 137 God made me for Himself, to serve Him here
- 138 God moves in a mysterious way
- 139 God of my life, to Thee I call
- 140 God of our fathers, known of old
- 141 God save our gracious King
- 142 God! That madest earth and heaven
- 143 God the All-Terrible!
- 144 Good Christian men, rejoice
- 145 Good King Wenceslas looked out
- 146 Grace, 'tis a charming sound
- 147 Gracious Spirit, Holy Ghost
- 148 Great God, what do I see and hear?
- 149 Great Shepherd of Thy people, hear
- 150 Guide me, O Thou great Jehovah
- 151 Hail, sweet Baby, pure and holy
- 152 Hail the day that sees Him rise





## HYMNS—Continued.

- 317 My Faith looks up to Thee  
 318 My Father, for another night  
 319 My God and is Thy table spread  
 320 My God, how wonderful Thou art!  
 321 My God, I love Thee; not because  
 322 My God, my Father, while I stray  
 323 My hope is built on nothing less  
 324 My latest sun is sinking fast  
 325 My Lord, my Master, at Thy feet adoring  
 326 My rest is in heaven, my rest is not here  
 327 My soul, be on Thy guard  
 328 Nearer, my God, to Thee  
 329 Now every morning is the love  
 330 No is a very little word  
 331 Not all the blood of beasts  
 332 Nothing but leaves, the Spirit grieves  
 333 Nothing to pay! ah, nothing to pay  
 334 Now, my tongue, the mystery telling  
 335 Now pray we for our country  
 336 Now thank we all our God  
 337 Now that the daylight fills the sky  
 338 Now the day is over  
 339 Now the labourer's task is o'er  
 340 O buckle on thy armour  
 341 O Christ, Redeemer of our race  
 342 O Christian, awake, for the strife is at hand  
 343 O come, all ye faithful  
 344 O come and mourn  
 345 O come, O come, Emmanuel  
 346 O come to the merciful Saviour who calls you  
 347 O Day of rest and gladness  
 348 O Father, bless the children  
 349 O Father of the fatherless  
 350 O Father, we would thank thee  
 351 O for a closer walk with God  
 352 O for a faith that will not shrink  
 353 O for a heart to praise my God  
 354 O for a thousand tongues to sing  
 355 O God of Hosts, the mighty Lord  
 356 O God of Jacob by Whose Hand  
 357 O God, our help in ages past  
 358 O God unseen, yet ever near  
 359 O happy band of pilgrims  
 360 O happy day that fixed my choice  
 361 O help us, Lord; each hour of need  
 362 O help us, dear Saviour, to walk in the ways  
 363 O Holy Spirit, Lord of Grace  
 364 O Jesu, Thou art standing  
 365 O Jesus, I have promised  
 366 O let him whose sorrow  
 367 O Lord, how happy should we be  
 368 O Lord of Heaven and earth and sea  
 369 O Love, how deep, how broad, how high  
 370 O Love, who formedst me to wear  
 371 O my Saviour lifted  
 372 O Paradise, O Paradise  
 373 O perfect life of love!  
 374 O praise our Great and Gracious Lord  
 375 O quickly come, dread Judge of all  
 376 O Sacred Head surrounded  
 377 O sinner, lift the eye of faith  
 378 O Son of God, our Captain of Salvation  
 379 O Spirit of the Living God  
 380 O teach me what it meaneth  
 381 O Thou, the contrite sinner's friend  
 382 O Thou, who by a star didst guide  
 383 O Thou, who in dusted souls to shine  
 384 O where shall rest be found  
 385 O worship the King, all glorious above  
 386 O'er the portals of mercy these words are  
 387 O'er the waters dark and drear  
 388 Oft in danger, oft in woe  
 389 Oh, be not the first to discover  
 390 Oh, Christ, what burdens bowed Thy head!  
 391 Oh, could I feel and know again the joy of sin  
 392 Oh do not let the Word depart  
 393 Oh, God, who through Thy Son  
 394 Oh, have you not heard of a beautiful stream  
 395 Oh, lead me to Jesus, the loving and kind  
 396 Oh, safe to the Rock that is higher than I  
 397 Oh, that the Lord's salvation  
 398 Oh, think of the home over there  
 399 Oh, walk the path of glory while you're young  
 400 Oh, what a Saviour, that He died for me  
 401 Oh! what the joy and the glory must be  
 402 Oh, where are the reapers that garner in?  
 403 Oh, we are volunteers in the army of the Lord  
 404 On Calvary's brow my Saviour died  
 405 On Jordan's bank the Baptist's cry  
 406 On to Canaan, onward moving  
 407 On the Resurrection morning  
 408 Once in royal David's city  
 409 Once more the solemn season calls  
 410 Once, only once, and once for all  
 411 One more hymn we'll sing at parting  
 412 One there is above all others  
 413 Only an armour-bearer, firmly I stand  
 414 Onward, Christian soldiers  
 415 Our blest Redeemer ere He breathed  
 416 Our forces are gathering from near and from far  
 417 Out in the dew and cold be stands  
 418 Overwhelmed in depths of woe  
 419 Pass me not, O gentle Saviour  
 420 Peace, perfect peace  
 421 Pleasant are Thy courts above  
 422 Praise God, from whom all blessings flow  
 423 Praise Him! Praise Him! Jesus, our blessed  
 424 Praise my soul the King of Heaven  
 425 Praise, O praise, our God and King  
 426 Praise the Lord! ye Heavens adore Him  
 427 Praise to the Holiest in the height  
 428 Praise we the Lord this day  
 429 Precious promise God hath given  
 430 Put thou thy trust in God  
 431 Redeemed, restored, forgiven  
 432 Rejoice! the Lord is king  
 433 Remember thy Creator in the days of thy youth  
 434 Rescue the perishing  
 435 Resting from His work to-day  
 436 Return, O wanderer, return  
 437 Revive Thy work, O Lord  
 438 Ride on, ride on in majesty  
 439 Ring the bells of heaven! there is joy to-day  
 440 Rise, Gracious God, and shine  
 441 Rock of Ages, cleft for me  
 442 Round the Sacred City gather  
 443 Safe in the arms of Jesus  
 444 Saviour, again to Thy dear name we raise  
 445 Saviour, Blessed Saviour  
 446 Saviour, like a Shepherd lead us  
 447 Saviour, sprinkle many nations  
 448 Saviour, when in dust to Thee  
 449 See the destined day arise  
 450 See the fields to harvest whitening  
 451 Send forth the Gospel! let it run  
 452 Shall we gather at the river?  
 453 Shall we not love thee, Mother dear  
 454 Shepherd Divine, our wants relieve  
 455 Soldiers of Christ, arise!  
 456 Soldiers of the Cross, arise  
 457 Some one shall go at the Master's Word  
 458 Some one will enter the Pearly Gate [lack?  
 459 So near to the Kingdom! yet what dost thou  
 460 Songs of praise the angels sang  
 461 Songs of thankfulness and praise  
 462 Sons of labour, dear to Jesus  
 463 Souls of men, why will ye scatter  
 464 Sound the loud timbrel  
 465 Sow in the morn thy seed  
 466 Sowing the seed by the daylight fair  
 467 Speed Thy servants, Saviour, speed them  
 468 Standing by a purpose true  
 469 Stand up, stand up for Jesus  
 470 Still I am singing, Jesus, of Thee  
 471 Sun of my soul, thou Saviour dear  
 472 Sweet hour of prayer, sweet hour of prayer  
 473 Sweet it is to know that Jesus loves us still  
 474 Sweet Saviour, bless us ere we go  
 475 Sweet star of the morning  
 476 Sweet the moments, rich in blessing  
 477 Take me, O my Father, take me  
 478 Take my life and let it be  
 479 Take up thy cross, the Saviour said

## HYMNS—Continued.

- 480 Teach me, O Lord, the way of Thy statutes  
 481 Tell it out among the heathen  
 482 Tell me the old, old story  
 483 Ten thousand times ten thousand  
 484 The advent of our King  
 485 The Blood has always precious been  
 486 The Church's One Foundation  
 487 The day is past and gone  
 488 The day is past and over  
 489 The Day of Resurrection  
 490 The day Thou gavest, Lord, is ended  
 491 The first Nowell the angels did say  
 492 The God of Abrahm praise  
 493 The head that once was crowned with thorns  
 494 The Heavenly Child in stature grows  
 495 The Heavenly Word proceeding  
 496 The heaven- proclaim Him with ceaseless  
 497 The King of Love my Shepherd is  
 498 The people that in darkness sat  
 499 The roselike hues of early dawn  
 500 The Saints of God! their conflict pass'd  
 501 The sands of time are sinking  
 502 The Son of God goes forth to war  
 503 The Sower went forth sowing  
 504 The spacious firmament on high  
 505 The stars, how bright they shine  
 506 The strife is o'er, the battle won  
 507 The sun is sinking fast  
 508 The voice of God's creation found me  
 509 The voice that breathed o'er Eden  
 510 The wanderer no more will roam  
 511 The way is dark, my child, but leads to light  
 512 The way is dark, my Father  
 513 Therefore we, before Him hending  
 514 There are angels hovering round  
 515 There is a better world they say  
 516 There is a book who runs may read  
 517 There is a city bright  
 518 There is a fountain filled with blood  
 519 There is a gate that stands ajar  
 520 There is a green hill far away  
 521 There is a happy land, far, far away  
 522 There is a lamp whose steady light  
 523 There is a land, a sunny land  
 524 There is a land of beauty  
 525 There is a land of pure delight  
 526 There is a path that leads to God  
 527 There is life for a look at the Crucified One  
 528 There is no love like the love of Jesus  
 529 There's a beautiful land on high  
 530 There's a beautiful land where all is bright  
 531 There's a Friend for little children  
 532 There's a land that is fairer than day  
 533 There's a light in the window  
 534 There's many a poor little boy  
 535 There shall be showers of blessing  
 536 There were ninety and nine that safely lay  
 537 They are waiting for the coming angels  
 538 They come, God's messengers of love  
 539 Thine Arm, O Lord in days of old  
 540 Thine earthly Sabbath, Lord, we love  
 541 Thine for ever! God of love  
 542 This is the day of light  
 543 Thou art coming, O my Saviour  
 544 Thou art gone up on high  
 545 Thou art the Way; by Thee alone  
 546 Thou didst leave Thy Throne and Thy Kingly  
 Crown  
 547 Thou hidden Source of calm repose  
 548 Thou to Whom the sick and dying  
 549 Thou, Whose Almighty Word  
 550 Though the days are dark with trouble  
 551 Though your sins be as scarlet  
 552 Three in One and One in Three  
 553 Thron'd upon the awful Tree  
 554 Through all the changing scenes of life  
 555 Through the day Thy love has spared me  
 556 Through midnight gloom from Macedon  
 557 Through the night of doubt and sorrow  
 558 Through the valley of the shadow I must go  
 559 Throw out the Life line across the dark waves  
 560 Thy hand, O God, hast guided  
 561 Thy kingdom come, O God  
 562 Thy life was given for me  
 563 Thy way, not mine, O Lord  
 564 'Tis finished, so the Saviour cried  
 565 To-day Thy mercy calls us  
 566 To God above from all below  
 567 To God be the glory; great things He hath done  
 568 To the hall of the feast came the sinful and fair  
 569 To the Name of our Salvation  
 570 To the work, to the work, we are servants of God  
 571 To Thee, O God, we fly  
 572 To Thee, O Lord, our hearts we raise  
 573 Toss'd upon life's raging billow  
 574 True friends help each other  
 575 Trust Him when thy wants are many  
 576 We are but little children weak  
 577 We are soldiers of Christ who is mighty to save  
 578 We come unto our fathers' God  
 579 We give Thee but Thine own  
 580 We love the place, O God  
 581 We plough the fields and scatter  
 582 We pray Thee, Heavenly Father  
 583 We saw Thee not, when Thou didst come  
 584 We shall sleep, but not for ever  
 585 We sing of the realms of the blest  
 586 We sing the praise of Him Who died  
 587 We're marching through Emmanuel's ground  
 588 We've 'list'd in a holy war  
 589 We'll journey together to Zion  
 590 Weary of earth and laden with my sin  
 591 Weeping, as they go their way  
 592 Weeping will not save me  
 593 Weep not for Him Who onward bears  
 594 What a Friend we have in Jesus  
 595 What means this eager, anxious throng?  
 596 What time the evening shadows  
 597 What various hindrances we meet  
 598 When all Thy mercies, O my God  
 599 When Britain first, at Heaven's command  
 600 When Christ was born of Mary free  
 601 When God of old came down from heaven  
 602 When He cometh, when He cometh  
 603 When I survey the wondrous cross  
 604 When I was but a little child, how well I  
 recollect  
 605 When little Samuel woke  
 606 When morning gilds the sky  
 607 When mothers of Salem  
 608 When our heads are bowed with woe  
 609 When peace like a river attendeth my way  
 610 While shepherds watched their flocks by night  
 611 Whither, pilgrims, are you going?  
 612 Who are these like stars appearing  
 613 Who is He in yonder stall  
 614 Who is on the Lord's side?  
 615 Who is this so weak and helpless?  
 616 Why should we covet the joy of a day?  
 617 Will your anchor hold in the storms of life?  
 618 With broken heart and contrite sigh  
 619 With Thee, my Lord, my God  
 620 With the sweet word of peace  
 621 Within the churchyard, side by side  
 622 Work, for the night is coming  
 623 Would'st thou be saved? no time to lose  
 624 Ye choirs of New Jerusalem  
 625 Ye servants of the Lord  
 626 Yet there is room! The Lamb's bright hall of song  
 627 Yield not to temptation, for yielding is sin

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 3 Bydd myrdd o ryfeddodau  
 4 Dros Seion mi wddolaf hyth  
 5 Dros y bryniau tywyll, niwlog  
 6 Dy bafell Di mor byfyrd yw  
 7 Dyna Feibl anwyf Jessu  
 8 Fe ddychefir mynydd Seion  
 9 Fe welir Seion fel y wawr  
 10 Gosod babell yn ngwlad Gosen  
 11 Mae Eglwys Dduw trwy'r dddeaf  
 a'r nef yn u  
 12 Mae hen wlad fy nhadau yn  
 anwy  
 13 Marchog, Jessu, yn llwyddiannus  
 14 Myfi'r pochadur pena'  
 15 O Greenland oer, fynyddig  
 16 O! na b'ai fy mhen yn ddyfroedd  
 17 O! 'r fath bethau gogoneddas  
 18 Un ydyw'r Eglwys oll  
 19 Y seren fore sydd  
 20 Yn dy Eglwys Lân Fendigaid  
 21 Yr lôn yw Llwydd nef a llawr

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The Lord hath laid on Him the iniquity of us all.—*Isaiah liii. 6.*
- 3 And whatsoever ye do in word or deed, do all in the Name of the Lord Jesus, giving thanks to God and the Father by Him.—*Col. iii. 17.*
- 4 As Moses lifted up the serpent, etc.—*John iii. 14-15.*
- 5 The Beatitudes.—*Matt. v. 3-7.*
- 6 The Beatitudes.—*Matt. v. 8-11.*
- 7 Before they call, I will answer; and while they are yet speaking, I will hear.—*Isaiah lxi. 24.*
- 8 Behold the Lamb of God, which taketh away the sin of the world.—*John i. 29.*
- 9 Blessed are the poor in spirit, for theirs is the kingdom of heaven.—*Matt. v. 3.*
- 10 Blessed are the peacemakers, for they shall be called the children of God.—*Matt. v. 9.*
- 11 By this shall all men know that ye are My disciples, if ye have love one to another.—*John xiii. 35.*
- 12 Cast thy bread upon the waters: for thou shalt find it after many days.—*Eccles. xi. 1.*
- 13 Cause me to hear Thy lovingkindness in the morning.—*Psa. cxliii. 8.*
- 14 Christ shall give thee light.—*Eph. v. 4.*
- 15 Come and see the works of God.—*Psa. lxxvi. 5.*
- 16 Come, ye children, hearken unto Me, I will teach you the fear of the Lord.—*Psa. xxxiv. 11.*
- 17 Go to the ant, thou sluggard; consider her ways, and be wise.—*Prov. vi. 6.*
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- 71 Septuagesima Sunday.
- 72 Sexagesima Sunday.
- 73 Quinquagesima Sunday.
- 74 Ash Wednesday.
- 75 First Sunday in Lent.
- 76 Second Sunday in Lent.
- 77 Third Sunday in Lent.
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- 80 Sunday next before Easter.
- 81 Good Friday. First Collect.
- 82 Good Friday. Second Collect.
- 83 Good Friday. Third Collect.
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- 85 Easter Day.
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- 87 First Sunday after Easter.
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- 89 Third Sunday after Easter.
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- 91 Fifth Sunday after Easter.
- 92 Ascension Day.
- 93 Sunday after Ascension Day.
- 94 Whit-Sunday.
- 95 Trinity Sunday.
- 96 First Sunday after Trinity.
- 97 Second Sunday after Trinity.
- 98 Third Sunday after Trinity.
- 99 Fourth Sunday after Trinity.
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- 173 Psalm li. "Have mercy upon me, O God."
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- 178 Psalm xcv. "O come, let us sing unto the Lord."
- 179 Psalm xcvi. "O sing unto the Lord a new song."
- 180 Psalm c. "O be joyful in the Lord, all ye lands."
- 181 Psalm cii. "Praise the Lord, O my soul."
- 182 Psalm cvi. "O give thanks unto the Lord, for He is gracious."
- 183 Psalm cx. "The Lord said unto my Lord."
- 184 Psalm cxvi. "I am well pleased that the Lord hath heard."
- 185 Psalm cxxi. "I will lift up mine eyes unto the hills."
- 186 Psalm cxxx. "Out of the deep have I called unto Thee."
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- 10 Hymn. "The day Thou gavest, Lord, is ended."

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Let us see something of what our Lord Himself both wished His people to do and also set them the example of doing for the Missionary work of His Church.

### (a) Our Lord's Commands:

- 11 "Pray ye the Lord of the harvest." He bids us *pray* for the Missionary work of His Church.
- 12 "Look out on the fields." He bids us *take an interest* in the Missionary work of His Church.
- 13 "Go ye into all the world." He bids us *do* the Missionary work of His Church.
- 14 "Rejoice with Me." He bids us *give thanks* for the Missionary work of His Church.

### (b) Our Lord's Example:

*He Himself WORKED as a Missionary.*

- 15 The Sermon on the Mount. He taught the people *generally*.
- 16 Nicodemus. He taught individuals — the intellectual.
- 17 The Thief on the Cross. He found the lost and the strayed sheep.
- 18 The Woman of Samaria. He sought those outside the Jewish Nation.

*He Himself TOOK AN INTEREST in the work of His Missionaries.*

- 19 "Come ye yourselves apart." The return of the Apostles from their Mission.

*He Himself PRAYED for the Missionary work of His Church.*

- 20 Christ Praying for His Missionaries
- 21 Christ Praying for the People among whom His Missionaries were to Work.

Let us, then, follow our Lord's precepts and example:

- 22 Studying. By reading of Missionary work.
- 23 Sailing Across the Sea. By going out as a Missionary, if the call should come.
- 24 The Widow's Mite. By offerings for Missionary work—either of money or labour.

### By *praying* for Missionary work.

- 25 In the North. Scene in Yukon.
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- 29 For all who work in the Mission Field.
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## SECOND COURSE OF INTERCESSIONS.

- 34 The Sower. Let us pray for more labourers.
- 35 Samuel Brought to the House of God. Let us pray for those who have "lent" those near and dear to them to the Lord.
- 36 Christ Stilling the Tempest. Let us pray for those journeying by land or sea.
- 37 Christ in the Wilderness. Let us pray for the lonely.
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|---------------------------------------|--|---|
| 1 Dr. Bray.                           | 17 India: Christ Church, Cawnpore; or S. Stephen, Delhi. | 29 S. Africa: First Church, Bulawayo.         |
| 2 Lambeth Palace.                     | 18 " Synod of Indian Bishops.                            | 30 " Provincial Synod.                        |
| 3 Keith, First Missionary.            | 19 Burma: S. John's College.                             | 31 Madagascar: S. Paul's Theological College. |
| 4 Burlington Church.                  | 20 " Karen Clergy and Preachers.                         | 32 " Betsimisaraka Deacon.                    |
| 5 Mohawk Communion Service.           | 21 " Bishop and Synod.                                   | 33 Australia: Map showing Dioceses.           |
| 6 Holy Trinity, New York.             | 22 China: Sprent and Catechists.                         | 34 " S. Andrew, Coolgardie.                   |
| 7 Codrington College.                 | 23 " Five Bishops in Synod.                              | 35 " Bush Sunday School.                      |
| 8 Cape Coast Church.                  | 24 " Martyrs of 1900.                                    | 36 Crimean Memorial Church, Constantinople.   |
| 9 Lambeth Palace Chapel.              | 25 Borneo: Kucheng Church, Sarawak.                      | 37 Westminster Abbey.                         |
| 10 Canada: Ktawau Church.             | 26 Japan: Group of Japanese Clergy.                      | 38 S.P.G. Office.                             |
| 11 " Indians and Teepee.              | 27 " Bishops in Japan.                                   | 39 " Magazines.                               |
| 12 " Winnipeg Conference.             | 28 S. Africa: S. Augustine's Isandlana.                  | 40 " Seal.                                    |
| 13 India: Bishop's College, Calcutta. |  |   |
| 14 " Sawyerpuram Boys' School.        |  |   |
| 15 " S. Luke's Hospital, Nazareth.    |  |   |
| 16 " Chhota Nagpur Synod, 1897.       |  |   |

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



**H F****CHRISTIE'S OLD ORGAN.**

PHOTOGRAPHED FROM LIFE.

*Beautifully Painted, £6 the set; Plain Slides, 1s. each.*

Book, 1s.

- 1 Frontispiece
- 2 The old man "Treffy" at home playing his organ
- 3 Christie outside listening to "Home, Sweet Home"
- 4 The old man falls down. Christie helps him up
- 5 Christie lives with the old man
- 6 Treffy goes out with his organ for the last time
- 7 Treffy's cupboard empty. The old man in despair
- 8 Christie goes out with the organ for the first time
- 9 Christie plays before the house where Mabel lives
- 10 Treffy gets worse, Christie calls in the doctor
- 11 "The doctor said only another month to live"
- 12 Christie with the organ, Mabel learns to play
- 13 Mabel points to heaven and tells the way

- 14 Christie hears two women talking outside Mission Hall
- 15 Christie goes to the Service for the first time
- 16 The Minister speaks to Christie as he goes out
- 17 Christie at Mabel's home, who gives him some flowers for Treffy
- 18 Christie tells the minister, who calls on old Treffy
- 19 Treffy hears "Home, Sweet Home" played for the last time
- 20 The gates are open. Treffy's vision
- 21 Christie feels so lonely in the old room
- 22 Christie overcome and sobs "I want to go home"
- 23 Christie, ill, in his sleep sings "Home, Sweet Home"
- 24 Mr. Wilton takes Christie into the country

**H G Hymns for the above Set when used for a Service of Song, 1s. each.**

By permission of the proprietors, Messrs. WEEKES &amp; Co.

- 1 'Mid pleasures and palaces though we may roam
- 2 How dark to poor Christie the thought of the morrow
- 3 Drowsy streets of London
- 4 Happy those who live by labour
- 5 Kind words can never die
- 6 The time is short ere all that live
- 7 Seek ye Me, and ye shall live
- 8 We sing of the realms of the blest

- 9 Happy the young, and happy we
- 10 There is a city bright
- 11 Go and tell Jesus, weary sin-sick soul
- 12 We go to fulfil our glad mission on earth
- 13 A friend in kindness offers aid
- 14 A few more years shall roll
- 15 Though often here we're weary
- 16 Oh, weary nights of pain
- 17 Forward, Christian labourers, singing as ye go

**H H****"EVA," FROM UNCLE TOM'S CABIN.***Beautifully Painted, £3 the set; Plain Slides, 1s. each.*

- 1 On Board the Steamer. Mr. St. Clair and Eva
- 2 Eva makes acquaintance with Uncle Tom
- 3 Eva with Tom in the arbour
- 4 Calling to Tom to look at the clouds
- 5 A Garden Scene. St. Clair talking to Eva and Maria
- 6 Eva talks to the Slaves on board the boat
- 7 Eva gives all the Slaves a curl of her hair, to show her love for them

- 8 A Midnight Scene. Miss "Feely." "At midnight the hidreoom cometh"
- 9 Miss Ophelia sends home for the doctor
- 10 Death of Eva. "Oh Tom, my boy, it is killing me"
- 11 A bright smile passed over her face, as though she saw the angels
- 12 The Last Sad Scene. Eva's Funeral

*Hymns for this Service, 14, as in Book.* By permission of the proprietors, Messrs. WEEKES & Co.

**H I****FRIENDLESS BOB.—PHOTOGRAPHED FROM LIFE.***Beautifully Painted, £4 10s. the set; Plain Slides, 1s. each.*

- 1 Mr. Allen, the Missionary, on the Common
- 2 He discovers Bob, lying on the Heath, and talks to him
- 3 Bob thinks he sees a way of earning some money
- 4 Bob and Jerry (the donkey) become good friends
- 5 Bob with donkey and cart at the cottage
- 6 Bob prefers sleeping in the stable
- 7 Bob having his breakfast in the cottage
- 8 Bob and the old woman he calls grandmother
- 9 Bob as donkey boy on the sands

- 10 Mr. Porteus lets Ethel ride on the donkey
- 11 Mr. P. punishes a boy for cruelly using his donkey
- 12 The boy thrashes Bob in revenge
- 13 Ethel sympathises with Bob in his trouble
- 14 Bob finds out what his grandmother will sell the donkey for
- 15 Bob crying. Ethel wants to know the cause
- 16 Mr. Allen, the Missionary, preaching on the sand
- 17 Bob walks and talks with some friends
- 18 The old woman sells the donkey and tells her secret

**H K****JESSICA'S FIRST PRAYER.***Beautifully Painted, £2 10s. the set; Plain Slides, 1s. each.*

DESCRIPTIVE BOOK, 1s. RELIGIOUS TRACT SOCIETY.

- 1 The Coffee Stall and its Keeper
- 2 Jessica has breakfast given her
- 3 Jessica's Temptation: hides the Penny
- 4 She discovers an old friend in a new dress
- 5 Hides behind the Church Door
- 6 Jessica discovered by the Minister's Children

- 7 Jessica's First Prayer
- 8 An unexpected Visitor at Jessica's House
- 9 Jessica's First Prayer answered
- 10 Ill in bed at Mr. Daniel's House; the Shadow of Death

**H L Hymns for the above Set when used for a Service of Song, 1s. each.**

By permission of the proprietors, Messrs. WEEKES &amp; Co.

- 1 'Tis not with bustle or with noise
- 2 'Tis blessed to give
- 3 Good Samaritan
- 4 Speak the truth
- 5 Poor little Jessica
- 6 Come, let us join

- 7 The Guiding Hand
- 8 Yet there is room
- 9 Cheerful voices
- 10 Our Father who art in heaven
- 11 'Tis not fine words
- 12 We all might do good
- 13 Remember the poor

- 14 The Lord will provide
- 15 And now appear the shades of night
- 16 Come, ye blessed
- 17 In silence unbroken
- 18 Blessed is the people (Anthem)

## ALONE IN LONDON.

(From Life Models.)

Copyright.

**HM***Beautifully Painted, £4 the set. Plain Slides, 16s. the set.*

DESCRIPTIVE BOOK, 4d.

- 1 A Narrow Alley
- 2 "Please, here's a little girl here"
- 3 The only person about was a ragged boy
- 4 A letter fell from her frock
- 5 "I'm a bit cleaner than last night, ain't I master?"
- 6 He sat pondering over all that had happened
- 7 Oliver read aloud
- 8 "But this money 'ud buy a broom"

- 9 A child standing on the kerbstone with a lady
- 10 He felt stunned for a few seconds
- 11 "What brings you here this cold night?"
- 12 "My boy, you have broken your leg"
- 13 "They've given it to you, Anthony"
- 14 Till at last came the end
- 15 "Don't you know me, father?" cried Raleigh
- 16 As he sat, peacefully and contentedly

**HN**

## BEL'S BABY.

Copied from Original Drawings by permission of Messrs. S. W. PARTRIDGE &amp; Co.

*Beautifully Painted, £1 10s. the set; Plain Slides, 6s. the set. TEXT BOOK, 1s.*

- 1 "Now then! March! out you go!"
- 2 Bel put the baby down gently on the ground again
- 3 Bel was regarded as baby's natural protector

- 4 "Here's some visitors come to supper"
- 5 "What about that baby you brought here?"
- 6 He learned that Babs was very ill

**HO**BIRDIE'S BENEFITS; OR,  
A LITTLE CHILD SHALL LEAD THEM.

Copied from Original Drawings by F. REASON and W. I. BODDY, by permission of Messrs. S. W. PARTRIDGE &amp; Co.

*Beautifully Painted, £1 10s. the set; Plain Slides, 6s. the set. TEXT BOOK, 1s.*

- 1 She mounted the steps one foot at a time
- 2 Mog looked at the man in surprise
- 3 The words on the card which Joe picked up

- 4 "Why, Mog, it is you yourself!"
- 5 "Beg pardon, Sir, but I think you dropped this"
- 6 Primrose Alley

**HP**

## CHINE CABIN.

Copied from Original Drawings by M. L. Gow, by permission of Messrs. S. W. PARTRIDGE &amp; Co.

*Beautifully Painted, £1 5s. the set; Plain Slides, 5s. the set. TEXT BOOK, 1s.*

- 1 May Millet comes in with some strawberries
- 2 "You have your dear mother's face"
- 3 Building sand castles at Royden Cove

- 4 Aldra works very hard at her pancakes
- 5 "Why, what is this? this is splendid!"

**HQ**

## GOING TO MARKET.

(A Short Story for Small Children.)

Copied from Original Drawings by permission of Messrs. S. W. PARTRIDGE &amp; Co.

*Beautifully Painted, £2 the set; Plain Slides, 8s. the set. TEXT BOOK, 2d.*

- 1 Here's Miss Nellie off to town
- 2 'Neath a hedge she falls asleep
- 3 See Dick Nellie's basket stealing
- 4 Now I'll give Miss Nell a fright

- 5 She woke up at last
- 6 Her frightened wee face I shall never forget
- 7 I came upon Nell just beginning to cry
- 8 Oh, is it a trick? Of course

**HR**

## HIS MAJESTY'S BEGGARS.

Copied from Original Drawings by W. RAINEY, R.I., by permission of Messrs. S. W. PARTRIDGE &amp; Co.

*Beautifully Painted, £2 the set; Plain Slides, 8s. the set. TEXT BOOK, 1s.*

- 1 A burly peasant snatched the dagger out of his band
- 2 "Say, little sister, what shall we do?"
- 3 "Look! look! a hear!" cried Dunia
- 4 How Mesba and Dunia travelled with the showmen

- 5 A cripple on crutches leading a man who seemed to be blind
- 6 The lad set up a shout and cry which rang out clear and shrill
- 7 "Good-day to you, my children," she said
- 8 Little Dunia hand in hand with her friend

**HS HOGARTH AND THE TWO CITY APPRENTICES.***Beautifully Painted, £6 the set; Plain Slides, 18s. the set.**DESCRIPTIVE LECTURE, 1s. The Slides are copies of Hogarth's celebrated Pictures.*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Portrait of Hogarth and his Dog, painted by himself</li> <li>2 Southwark Fair in the olden time</li> <li>3 The Distressed Poet</li> <li>4 The Enraged Musician</li> <li>5 The March to Finchley</li> <li>6 The Guildhall, London</li> <li>7 Interior</li> <li>8 Thomas Idle and Francis Goodchild at their Looms</li> <li>9 Francis Goodchild at Church</li> <li>10 Thomas Idle at play in the Churchyard during Divine Service</li> <li>11 Francis Goodchild is a favourite with his Master the Merchant</li> <li>12 Thomas Idle having forfeited his Indentures, is sent to sea</li> <li>13 Francis Goodchild is out of his time, and married to his Master's daughter</li> <li>14 Thomas Idle having returned from Sea, is guilty of Roherry and Murder</li> </ol> | <ol style="list-style-type: none"> <li>15 Thomas Idle is impeached by an accomplice before Alderman Goodchild</li> <li>16 Thomas Idle is executed at Tyburn</li> <li>17 Francis Goodchild is made Lord Mayor of London</li> <li>18 Hogarth's Tomb, Chiswick</li> <li>19 Marriage "à la Mode"</li> <li>20 " "</li> <li>21 " "</li> <li>22 " "</li> <li>23 " "</li> <li>24 " "</li> <li>25 Calais Gate (called also "The Roast Beef of Old England")</li> <li>26 Southwark Fair in the olden time (portion)</li> <li>27 Gin Lane</li> <li>28 Beer Street</li> <li>29 Industry and Idleness</li> <li>30 A Midnight Modern Conversation</li> <li>31 Masquerades and Operas, Burlington Gate</li> <li>32 The Cock Pit</li> <li>33 Country Inn Yard</li> <li>34 Columbus breaking the Egg</li> </ol> |
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**HT JACK THE CONQUEROR; OR, DIFFICULTIES OVERCOME.***Beautifully Painted, £3 the set; Plain Slides, 12s. the set. TEXT BOOK, 3s. 6d.*

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|--|---|
| <ol style="list-style-type: none"> <li>1 Our Hero, Jack, has his Portrait taken while lying thinking over his difficulties</li> <li>2 Liberates a Dragon Fly, and gains a friend</li> <li>3 Jack tries his hand at politeness before cleanliness</li> <li>4 Overcomes difficulty No. 2, and has his clothes mended</li> <li>5 Makes a good bargain with Timothy Crawley, the Cobbler</li> <li>6 Jack determines to learn to read; sees difficulties ahead, but overcomes them</li> </ol> | <ol style="list-style-type: none"> <li>7 Jack in the Gipsy Camp makes himself useful nursing, and is taught basket-making</li> <li>8 His Aunt puts another difficulty in his way</li> <li>9 Jack finds a Cave, overcomes the difficulty, and sets up basket-making</li> <li>10 Jack's Success—a Struggle with Conscience—meets the Squire, overcomes another difficulty</li> <li>11 Jack visits the Hall, and is astonished</li> <li>12 Jack as Tutor of a College, shows his Portrait of our Picture No. 1 to one of Pupils</li> </ol> |
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**HU OUR FATHER'S CARE.***Beautifully Painted, £2 the set; Plain Slides, 8s. the set.**Copied by permission of MESSRS. JARROLD & SONS. TEXT BOOK, 1s.*

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|---|---|
| <ol style="list-style-type: none"> <li>1 Little Nelly going to Farringdon Market</li> <li>2 Nelly in the Market buying Water-cresses</li> <li>3 Nelly finds a Customer and a Friend at the same time</li> <li>4 Nelly runs home and makes her Mother's Breakfast</li> <li>5 Another morning, when out selling, Nelly makes a Friend, who gives her a Breakfast</li> </ol> | <ol style="list-style-type: none"> <li>6 Nelly goes to see her Father at the Hospital</li> <li>7 Tells her Father about Elijah and the Ravens, and so strengthens his faith</li> <li>8 Nelly at home with her Mother, and the customer and friend comes when most needed</li> </ol> |
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**HV RAYMOND'S RIVAL; OR, WHICH WILL WIN?***Copied from Original Drawings by HAROLD COPPING, by permission of Messrs. S. W. PARTRIDGE & Co.**Beautifully Painted, £3 5s. the set; Plain Slides, 13s. the set. TEXT BOOK 1s.*

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| <ol style="list-style-type: none"> <li>1 Raymond stood rooted to the spot</li> <li>2 Enjoying hanging over the pit</li> <li>3 "Prize!" he muttered; "I hate prizes"</li> <li>4 On the floor in his own room</li> <li>5 "Would you really like me to go?"</li> <li>6 Dr. White was not at home</li> <li>7 "What is the matter! Are you hurt?"</li> </ol> | <ol style="list-style-type: none"> <li>8 Carefully Ray led the nervous old lady</li> <li>9 She questioned the porters</li> <li>10 The dog got away at the awful moment</li> <li>11 No study could Ray accomplish that night</li> <li>12 He could watch unobserved</li> <li>13 "I say, what do you think?"</li> </ol> |
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**HW SISTER'S LOVE; OR, LOST IN THE BUSH.***Beautifully Painted, £1 10s. the set. Plain Slides, 6s. the set.**An Australian Tale in Verse, 3d. JARROLD & SONS.*

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| <ol style="list-style-type: none"> <li>1 The three children leave home on the Plain</li> <li>2 Enter the Bush and lose their way</li> <li>3 Night comes on, they kneel and say their prayers</li> <li>4 The Father comes home and calls aloud from the Hunt, but receives no answer</li> </ol> | <ol style="list-style-type: none"> <li>5 Natives employed to trace the children</li> <li>6 The Father finds the children asleep under a tree quite exhausted</li> </ol> |
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## HX

## THREE RUNAWAYS.

Copied from Original Drawings, by F. REASON, by permission of  
Messrs. S. W. PARTRIDGE & Co.

*Beautifully Painted, £2 15s. the set; Plain Slides, 11s. the set.*

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| <ol style="list-style-type: none"> <li>1 { A pair of conspirators</li> <li>2 Scamp's portrait</li> <li>3 Hubert drew from his pocket his whole worldly store</li> <li>4 They dashed through the garden</li> <li>5 Give them to me, there's a good little missy</li> <li>6 { Hubert and the gipsy boy</li> <li>7 Down, down they went together</li> </ol> | <ol style="list-style-type: none"> <li>8 { Begging for bread</li> <li>9 A feast for Scamp</li> <li>10 "Come here, my dears, both of you"</li> <li>11 "It was not I, sir: it was Scamp"</li> <li>12 Tethered to the leg of the harrow</li> <li>13 Madge would have sprang forward to release him</li> <li>14 "Ask the ostler"</li> </ol> |
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## HY

LITTLE JIM THE COLLIER BOY. (*Life Models.*)

READING, 6d.

*Beautifully Painted, £1 12s. 6d. the set; Plain Slides, 6s. the set.*

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| <ol style="list-style-type: none"> <li>1 The Cottage was a thatched one</li> <li>2 With hands uplifted, see, she kneels</li> <li>3 Effect for No. 2. Angels heckon Little Jim.</li> <li>4s. 6d.</li> </ol> | <ol style="list-style-type: none"> <li>4 With gentle, trembling hands, she held</li> <li>5 The Cottage door was open</li> <li>6 He knew that all was over</li> <li>7 His quivering lips gave token</li> </ol> |
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HZ LITTLE MEG'S CHILDREN. (*Life Models.*)

READING, 4d.

*Beautifully Painted, £3 10s. the set; Plain Slides, 14s. the set.*

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| <ol style="list-style-type: none"> <li>1 Angel Court</li> <li>2 The only nurse she had was her eldest child</li> <li>3 Meg scrubbing and cleaning the room</li> <li>4 Could you tell me if father's ship's come in yet?</li> <li>5 Mother! Mother!</li> <li>6 Haven't you found father?</li> <li>7 Halloo! little woman! how's Robbie and baby?</li> </ol> | <ol style="list-style-type: none"> <li>8 Well, dear, fall to and welcome</li> <li>9 Mrs. Blossom gave them a farewell kiss each</li> <li>10 Meg and Robin gazed at the change wonderingly</li> <li>11 She had thrown herself before the horses</li> <li>12 Poozy? cried Mrs. Blossom</li> <li>13 I'm here, father!</li> <li>14 Meg and her father arrive at their new home</li> </ol> |
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IA MEG AND HER BROTHER BEN. (*Life Models.*)

*Beautifully Painted, £3 the set; Plain Slides, 12s. the set.*

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|---|--|
| <ol style="list-style-type: none"> <li>1 Meg as a Water-cress Girl, "Water-cresses"</li> <li>2 Meg listening to the Choir Boys, Ben must be one</li> <li>3 Meg in trouble, the Dean's Brother inquires the cause</li> <li>4 Mr. Selwyn visits Cat's Court with Meg</li> <li>5 Enters Meg's lodgings and sees Ben for the first time</li> <li>6 Ben sings before Mr. Selwyn</li> </ol> | <ol style="list-style-type: none"> <li>7 The Dean and his Brother listening to Ben</li> <li>8 Meg and Ben's last night in their old lodgings</li> <li>9 Ben sings for the first time as Chorister Boy</li> <li>10 Ben meets with an accident—is run over</li> <li>11 Meg is allowed to stay with Ben in the Hospital</li> <li>12 The Dean and Mr. Selwyn visit Ben, who recovers and sings again in the Cathedral</li> </ol> |
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## IB

MOTHER'S LAST WORDS. (*Life Models.*)

*Beautifully Painted, £3 5s. the set; Plain Slides, 18s. the set.*

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| <ol style="list-style-type: none"> <li>1 A worn-out woman, ghastly pale</li> <li>2 "Here, lads," he said, "divide this bread"</li> <li>3 And soundly slept those little boys</li> <li>4 The Minister said, "Dunt to dunt"</li> <li>5 And swept a pathway broad and neat</li> <li>6 Do you go to Sunday School?</li> <li>7 I know a dodge worth two of that</li> </ol> | <ol style="list-style-type: none"> <li>8 He loitered round a pastry cook's</li> <li>9 And quick as thought he snatched them up</li> <li>10 He strained his ears to catch the sound</li> <li>11 They took the clothes and nice mince pies</li> <li>12 The Lady at the Sunday School would come and read to Chris</li> <li>13 The Guardian Angel carries Christy home</li> </ol> |
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## IC

TRAP TO CATCH A SUNBEAM. (*Life Models.*)

*Beautifully Painted, £3 15s. the set; Plain Slides, 15s. the set.*

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|---|---|
| <ol style="list-style-type: none"> <li>1 David Coome smoking his pipe alone in his room</li> <li>2 It grew dark, a light streamed into the room, he started to his feet</li> <li>3 Effect slide: a stream of light and beautiful figure</li> <li>4 David visits his landlady's room. "The little chap has caught one of them sunbeams"</li> <li>5 David stays to breakfast and engages the girl to clean his room</li> <li>6 David visits Mr. Miffin and leaves his boots without the money</li> <li>7 David stops the runaway horse, and saves the young girl's life</li> <li>8 Returns to his own room, and exclaims "Oh lor!" in astonishment</li> </ol> | <ol style="list-style-type: none"> <li>9 Mrs. Dennis will not take any pay, so David shakes hands</li> <li>10 David finds a lost child and takes him home. "Oh lor, what a pretty creature!"</li> <li>11 David at home, nursing the little child, who becomes his sunbeam</li> <li>12 The mother finds her child in David's room, and asks him to dinner</li> <li>13 Mrs. Dennis takes David to church</li> <li>14 The young lady he saved and her mother visit David, "Now what can I do for you?"</li> <li>15 The young lady becomes his "fairly sunbeam" and reads the Bible to him</li> </ol> |
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# TEMPERANCE TALES.

IH

## AN OLD STORY.

*Beautifully Painted, £6 10s. the set; Plain Slides, 1s. each.*

By S. C. HALL, Esq., F.S.A.

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1 Woman anxiously watching</li> <li>2 "Innocence." Country Scene. Mother and Child</li> <li>3 A contrast. Mother and Child. Homeless and unsheltered</li> <li>4 The Spartans teaching their children to shun excess</li> <li>5 A sad picture of the French Revolution</li> <li>6 Drink has made another desolated home</li> <li>7 The Fisherman's Wife, a peaceful scene</li> <li>8 A Happy Home. Interior of House</li> <li>9 The sad end of a ruined life</li> <li>10 The women's crusade against drink</li> <li>11 The Happy Band with Hope for their leader</li> <li>12 The Sunday Scholar's Prayer for her Father</li> <li>13 Angel effect for the above. The answer</li> </ol> | <ol style="list-style-type: none"> <li>14 Scene outside a Public-house</li> <li>15 A drunken quarrel—death of comrade</li> <li>16 The Drunkard's Daughter sent out to beg</li> <li>17 A poor boy without a home</li> <li>18 The Drunkard wakes and finds himself a murderer</li> <li>19 A wounded Soldier on the battle-field. Temperance saved him</li> <li>20 Mother, I'm hungry—you will make me a thief</li> <li>21 A contrast.—The Temperate and the Drunkard's Children</li> <li>22 An Interior. A Village Inn</li> <li>23 A Riotous Scene. Outside the Public-house</li> <li>24 Interior of a Church. Two Children</li> <li>25 Death in the bottle, touch not, taste not, handle not</li> <li>26 A Group of Happy Water-Drinkers</li> </ol> |
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II

## CRUIKSHANK—THE BOTTLE.

*Beautifully Painted, £3 3s. the set; Plain Slides, 8s. the set. READING, 6d.*

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|--|---|
| <ol style="list-style-type: none"> <li>1 The Bottle introduced at Home</li> <li>2 Pawn their Clothes to supply the Bottle</li> <li>3 An Execution on the Furniture</li> <li>4 The Children sent into the Streets to Beg</li> </ol> | <ol style="list-style-type: none"> <li>5 Death of a Child from Starvation</li> <li>6 The fearful Quarrel between Husband and Wife</li> <li>7 Results in Murder—Death of the Wife</li> <li>8 The Maniac in the Asylum visited by his Children</li> </ol> |
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## IK THE BIBLE AND THE DRUNKARD; OR, JOHN HAMPTON'S HOME. By the late SIR G. S. MEASOM, J.P.

The elevating influence of the Bible the only hope for the Drunkard.

*Beautifully Painted, £2 2s. the set; Plain Slides, 6s. the set. READING, 1d.*

- |  |  |
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| <ol style="list-style-type: none"> <li>1 The Gin Shop. The Intoxicated Husband discovered by his Wife in the Gin Palace is entreated by her to return Home, his drunken companions laugh at her misery</li> <li>2 The Wretched Home. The Minister visiting the Husband and his Family, urges them to read the Bible, which he leaves with them</li> <li>3 Reading the Bible. The Husband, reformed through the reading of the Bible, now reads it to his Family</li> </ol> | <ol style="list-style-type: none"> <li>4 The House of God. The Husband and his Family unite in the Public Worship of God</li> <li>5 The Call to Repentance. The Husband visited by his former evil companion, exhorts him to repentance</li> <li>6 The Happy Death Bed. The Husband on his death bed, surrounded by his family, exhibits in the presence of his former companion the serene fortitude and tranquil joy of the Christian</li> </ol> |
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## IL CRUIKSHANK.—THE DRUNKARD'S CHILDREN.

*Beautifully Painted, £3 3s. the set; Plain Slides, 8s. the set. READING, 6d.*

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1 Neglected by their Parents and educated in the streets, they are led to the Gin Shop</li> <li>2 The Boy Thief squanders and gambles away his ill-gotten gains</li> <li>3 From the Gin Shop to the Dancing Room, the poor girl is driven on in that course which ends in Misery and Ruin</li> <li>4 The Boy commits a desperate Robbery and is taken by the Police in a lodging house</li> </ol> | <ol style="list-style-type: none"> <li>5 From the Bar of the Gin Shop to the Bar of the Old Bailey is but one step</li> <li>6 The Drunkard's Son transported for Life. Brother and Sister part for ever in this world</li> <li>7 Early dissipation has destroyed the neglected Boy; the wretched convict droops and dies</li> <li>8 The Sister, homeless, friendless, deserted and destitute, throws herself off London Bridge</li> </ol> |
|--|---|

# IM BUY YOUR OWN CHERRIES. LIFE MODELS.

*Beautifully Painted, £2 10s. the set; Plain Slides, 10s. the set. Book, 6d.*

- |   |   |
|---|---|
| <p>1 "You touch them if you dare, Sir!"</p> <p>2 "Yes, Sir," said the man, and soon placed them in his hands</p> <p>3 He opened the bag of cherries on the bench</p> <p>4 "Well, will you have a glass of something short?"</p> <p>5 She went to the window</p> | <p>6 "I say, Guv'nor, what is this leg of mutton a pound?"</p> <p>7 "Come, here's a leg of mutton for him"</p> <p>8 A plate of nice rosy ripe cherries</p> <p>9 He himself has built a nice row of houses</p> <p>10 Now in a handsome villa</p> |
|---|---|

# IN THE GIN FIEND.

*Beautifully Painted, £1 the set; Plain Slides, 4s. the set.*

WORDS BY CHARLES MACKEY, 6d.

- |  |  |
|--|--|
| <p>1 The Gin Shop. "And it's hip!" said the Gin Fiend, "hip, hurrah!"</p> <p>2 The Suicide. There stood a woman on a bridge. She was old, but not with years</p> | <p>3 The Murder. He hath slain his wife—he hath given his life—and all for the love of me</p> <p>4 Turned out of the Gin Shop in charge of the Police, and dies for the love of me</p> |
|--|--|

# IO JOHN TREGENOWETH: HIS MARK. (Life Models.) READING, 1s.

*Beautifully Painted, £4 10s. the set; Plain Slides, 1s. each.*

- |  |   |
|--|---|
| <p>1 The old man tells the tale of his life on Mary's wedding day</p> <p>2 Uncle John sees the Little Maid for the last time</p> <p>3 Explosion in the Mine</p> <p>4 John in bed, attended by Mary</p> <p>5 John is blind. Betty, his wife, at the wash-tub</p> <p>6 John and Mary play and sing in the street</p> <p>7 John becomes a drunkard</p> <p>8 Mary in bedroom praying for her father</p> <p>9 In public-house. John strikes the Little Maid</p> | <p>10 John Tregenoweth—his mark</p> <p>11 John calls on a Quaker gentleman</p> <p>12 Who gives him some clothes</p> <p>13 Betty gets him a new hat</p> <p>14 John, Betty, and Mary in Church</p> <p>15 John dreams he is in Prison and sees a Vision</p> <p>16 John buys a Donkey and Cart</p> <p>17 John and Mary in a cave, the new Parson</p> <p>18 Closing Peaceful Scene</p> |
|--|---|

# IP Hymns for this Set.

- |   |  |   |   |
|---|--|---|---|
| <p>1 The Village Bells</p> <p>2 The Little Ones</p> <p>3 Good heart and willing hands</p> | <p>4 Look not upon the wine</p> <p>5 Touch not the Cup</p> <p>6 Glorious News</p> <p>7 Try, John</p> | <p>8 Water is best</p> <p>9 John Anderson, my Jo</p> <p>10 There is a green hill far away</p> | <p>11 Oh, the foaming sea</p> <p>12 Beyond the Sunset</p> <p>13 The Setting Sun</p> |
|---|--|---|---|

# IQ LITTLE TIZ. (Life Models.) READING, 4d.

*Beautifully Painted, £3 10s. the set; Plain Slides, 14s. the set.*

- |  |   |
|--|---|
| <p>1 Mr. Abraham Groby with the last will and testament</p> <p>2 Langside Hall, a party in Mr. Lorraine's drawing room</p> <p>3 Little Tiz is asked to give them a song</p> <p>4 George and Little Tiz having a talk in the library</p> <p>5 Sitting down in the wood making a necklace of flowers</p> <p>6 A talk in Dr. Pearson's little parlour</p> <p>7 I'll tell you what I have been thinking of</p> | <p>8 She drew aside the curtain and peered out into the darkness</p> <p>9 She was found on the floor, having fallen with a sudden gasp</p> <p>10 Mr. Graham's Shop. "Ye bide up that Court, Mrs. Macfarish"</p> <p>11 A Desolate Room, what a sight</p> <p>12 He found him crouching over the miserable fire</p> <p>13 Little Tiz throws her arms round his neck</p> <p>14 The Death of Little Tiz, her friends standing by</p> |
|--|---|

# IR THE VAGABONDS.—A POEM.

*Beautifully Painted, £1 15s. the set; Plain Slides, 7s. the set.*

- |  |  |
|--|--|
| <p>1 We are two Travellers, Roger and I</p> <p>2 No, thank you, Sir, I never drink</p> <p>3 We'll have some music, if you're willing</p> <p>4 Why not reform? That's easily said</p> | <p>5 If you had seen her, so fair, so young</p> <p>6 She's married since—a Parson's wife</p> <p>7 You set me talking, Sir; I'm sorry</p> |
|--|--|

# IS TEMPERANCE MOTTOES.

*The Mottoes are with beautifully coloured borders of elegant designs, 4s. 6d. Plain Slides, 1s. each.*

- |  |  |
|--|--|
| <p>1 Be Temperate in all things</p> <p>2 Do not drink strong drink</p> <p>3 God give you strength to keep the pledge</p> <p>4 God keep from those we love the drunkard's bands</p> <p>5 God will take care of those who do His work</p> <p>6 It biteth like a serpent, it stingeth like an adder</p> | <p>7 Look not thou upon the wine when it is red</p> <p>8 Strong drink shall be bitter to them that drink</p> <p>9 Taste not, touch not the accursed thing</p> <p>10 The drunkard and the glutton shall come to poverty</p> <p>11 Wine is a mocker</p> <p>12 What he will do the drunkard never knows</p> |
|--|--|

## TEMPERANCE TALES--Continued.

## IT

HARRY BECKWITH. (*Life Models.*) READING, 4d.*Beautifully Painted, £4 10s. the set; Plain Slides, 18s. the set.*

- 1 The master came suddenly upon them
- 2 This is very fine
- 3 I have put a mark at three texts
- 4 Come, come, you shall drink our health
- 5 He sang a song
- 6 Then his uncle spoke to him
- 7 They came upon Dora gathering ferns and flowers
- 8 Oh! such a funny present has come
- 9 She implored him to give it up

- 10 They had still, however, a proposal to make
- 11 A friendly glass and a chat
- 12 You are killing your wife by inches
- 13 She looked at it for a few seconds in silence
- 14 Here's a sovereign for this week
- 15 Yes, two glasses of whisky
- 16 Two hours passed
- 17 Is that my husband in there
- 18 Your hand, darling! your hand

## IU

## THE TRIAL OF SIR JASPER.

*Beautifully Painted, £6 5s. the set; Plain Slides, 25s. the set.*

Book, 1s. By S. C. HALL, Esq., F.S.A.

- 1 Introduction—Statue of Temperance
- 2 "With memories black of many a bitter blow,  
Dealt when the father's soul was dark with gin."
- 3 "Hungry and footsore, and without a bed;  
Starving—yet dare not touch the meat and bread."
- 4 "A miserable tramp through the streets;  
No aid she asks: no sympathy she meets."
- 5 "She is not in the streets: beneath the trees  
That shade her girlhood-home, she sits."
- 6 "Is it too late to save him? God, we pray  
His guardian angel may not pass away."
- 7 "Ten thousand devils haunt him day and night,  
Haunt him alike in darkness and in light."
- 8 "A common incident of blighted life;  
Mourn for the wretched sufferers—child and wife."
- 9 "See the degraded wretch we picture here,  
He lights the corn before it reach the ear."
- 10 "Over the lone grave of the suicide."
- 11 "No better man when sober; drunk, none worse."
- 12 "The artist paints him—lowest of the low;  
Alas! Giles Johnson; 'twas not always so."
- 13 "And let the artist draw his picture now;  
Draw Farmer Johnson—home from his own plough."
- 14 "They laid the dead wife on the floor,"
- 15 "She may be welcomed by the Seraphim;  
Where sinners penitent find pardoning grace."

- 16 "And when the babe was dead,  
'Twas 'accidental death' the jury said."
- 17 "This happened in New Zealand; they had placed  
A drunken Maori in the public stocks."
- 18 "These are the sisters, mothers, daughters,  
wives,  
Hopeful—yet doubtful—all may not be sent."
- 19 "Enter the prison; see the good man there,  
Who from the death-doomed sinner drives despair."
- 20 "The artist saw this scene in London Square  
One night of snow or nearer early morning."
- 21 "'Looking for father.' That the artist saw  
And that some guiding spirit bade him draw."
- 22 "Can you not guess what these pool bubbles mean?  
Though of the self-drowned woman naught is seen."
- 23 "Where are his wife and children—both he had?  
Go ask the parish paupers; one is mad."
- 24 "Full! There are many hundred children more  
Who shrink and shiver round the closed door."
- 25 "They've said their evening hymn and prayer,  
and sleep;  
While guardian angels watch and ward will keep."

## IV

## THE WORSHIP OF BACCHUS.

*Beautifully Painted Slides, £1 15s. the set; Plain Slides, 14s. the set.*

- 1 Worship of Bacchus; a great delusion
- 2 Half bushel of barley, peck of malt, and a gallon of beer
- 3 The grains given to feed the pigs
- 4 The beer to make men drunk
- 5 Diagram to show that only 1d. worth of nutriment is in a gallon of ale
- 6 A gallon of ale. What composed of
- 7 Beer analysed showing its component parts

- 8 Two ways of spending 2s. Bread or beer
- 9 A contrast. Results of drinking and abstaining
- 10 Excuses made for drinking
- 11 Alcohol contained in rum, sherry, and ale
- 12 Quantity of proof spirit in different kinds of ale
- 13 Analysis of a bottle of fermented and unfermented wine
- 14 Evils resulting and diseases induced by drinking

## IW

## DAN DABBERTON'S DREAM.

(*Life Models.*) READING, 4d.*Beautifully Painted, £4 10s. the set; Plain Slides, 1s. each.*

- 1 I call on Mr. Dabberton for a Song
- 2 The Stranger sings a Song
- 3 Don listening to the Bells
- 4 He entered the House
- 5 Dan opens the case of the clock
- 6 He sleeps! he sleeps!
- 7 Our Father!
- 8 Mother and Son
- 9 Waiting for the Prodigal Son
- 10 Her Son comes Home

- 11 The Young Man at his Mother's Grave
- 12 The Lovers
- 13 A Song Little House
- 14 In comes the Young Woman's Husband
- 15 Oh, Mother, I am so tired and hungry!
- 16 On one of the beds lies the body of a Middle-aged Woman
- 17 He was broad awake now
- 18 Mrs. Dabberton and Nelly returned

## IX

## Hymns for this Set.

- 1 Adam's Ale
- 2 The Two Homes
- 3 Ding-dong

- 4 Shrink from the Glass
- 5 Carol
- 6 Bells of Long Ago
- 7 Childhood's Prayer

- 8 My Memory Turns
- 9 Be kind to thy Mother
- 10 I will arise [us still]
- 11 There's Love to Bless
- 12 Jesus loves the Child-  
ren
- 13 Angry Words
- 14 Merrily ring the Bells

## TEMPERANCE TALES—Continued.

## IY THE WHISKY DEMON; OR, THE DREAM OF THE REVELLER.

POEM BY CHARLES MACKAY. Book, 6d.

*Beautifully Painted, £3 12s. 6d. the set; Plain Slides, 12s. the set.*

- |   |   |
|---|---|
| 1 "Body and soul are mine," said he<br>"I'll have them both for liquor"<br>2 The Reveller<br>3 The Demon Cask-o'-Whisky<br>4 The Demon's Home<br>"Come, drown all care and sorrow"<br>5 The Five Drops<br>6 The Drunkard's Home<br>"They'll fill your home with care and grief<br>And clothe your backs with tatters"<br>7 The Three Roads<br>"I'll be your friend in hour of need,<br>And find you homes for ever" | 8 The Demon's First House<br>"The first it is a spacious house<br>To all hut sots appalling"<br>9 The Demon's Second House<br>"The second is a lazar house,<br>Rank, feild, and unholy"<br>10 The Demon's Third House<br>"The third and last is black and high<br>The abode of guilt and anguish"<br>11 The Demon's Hour-Glass<br>"Out on the fool who mars to-day<br>With thoughts of a hereafter"<br>12 The End |
|---|---|

## IZ "THE LEGEND OF ST. SWITHIN."

*Beautifully Painted, £4 4s. the set, with Manuscript Reading.**Plain Slides, 12s. the set.*

- |   |  |
|---|--|
| 1 Introduction. "A Rhyme for Rainy Weather"<br>2 St. Swithin "drank a pitcher full of dog<br>Before his morning prayers"<br>3 "With pails of water from the Dee,<br>To mix St. Swithin's grog"<br>4 "And the poor bewildered Sacristan<br>Sought fountain, glen, and hog"<br>5 "The spacious pond whose crystal streams<br>Were watched with jealous care"<br>6 "'St. Swithin,' roared the Abbot,<br>'Fie on the drunken rogue!'" | 7 "And St. Swithin clenched his fist and said,<br>'I'll make the churl repent!'"<br>8 "I fear he wrought some hellish charm,<br>Or dreadful magic spell"<br>9 "St. Swithin, in his maintosh,<br>Looks o'er the convent wall"<br>10 "'It is his Grace,' the Abbot cries,<br>'Haste! haste! and pull him out!'"<br>11 "'I wish your Grace good morning,<br>And a cool and pleasant trip!'"<br>12 "Alas! how many a precious soul<br>Is cast away for drink!" |
|---|--|

## KA TEMPERANCE PICTURES.

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*Beautifully Painted, 8s. 6d.; Plain Slides, 1s. each.*

- |  |   |
|--|---|
| 1 The Prison Gate Mission. Prisoners met at the Gate by a Mission Lady<br>2 Our Sailors' Temptations in Foreign Lands<br>3 The Beginning of the Downfall. "Only One Glass." (A comparison)<br>4 A Temperate Oshman Drinking at a Fleet Street Fountain<br>5 Small Boy refusing the Drunkard's Offer of a Drink at the Bar<br>6 "You've got a black eye like Mammy's!" (Child noticing the resemblance of the dog's black eye to his mother's)<br>7 Comparison between the Teetotaler admiring his hive and the Drunkard being led home from the "Bee Hive" Inn | 8 Child trying to dissuade her father from entering the public-house [Embankment]<br>9 Horses drinking at the Water-trough. Thames<br>10 The Wife's Plea. Woman dissuading her husband from entering the public-house with his friends.<br>11 The Children's Plea. "Don't go in, Daddy!"<br>12 The Drunkard's Death. Killed by Alcohol (French Cartoon).<br>1s. 6d. Central portion only.<br>1s. 6d.<br>13 " " " " " " " " " " " "<br>14 Intemperance and its Penalties (R. Seymour). |
|--|---|

## AEQ TEMPERANCE PICTURES.

BY RUDOLF BLIND.

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--	------------------------------------

- |                                |  |   |
|--------------------------------|--|---|
| 1 The Bler.<br>2 The Bang Bug. | 3 The Waters of Despair.<br>4 The Long Pull. | 5 Protection for the Children.<br>6 Jesus Wept. |
|--------------------------------|--|---|

## K C

## ENGLISH SCENERY.

*Beautifully Painted Views,* 5s. 6d.  
 " " *Figure Subjects,* 7s. 6d. } *Plain Slides, 1s. each.*  
 " " *Interiors,* 7s. 6d. }

- 1 Alnwick Castle
- 2 Amhleside, Stock Ghyll Force
- 3 " Colwith Force
- 4 Aylesford, Kits Coty House
- 5 Bath Abbey, Exterior
- 6 " remains of Roman Bath
- 7 Ferry Pomeroy Castle
- 8 Blea Tarn and Langdale Pikes
- 9 Borrowdale [Bowder Stone
- 10 " Showing Cottage &
- 11 " " Near view
- 12 Bristol, Moat House
- 13 " " carved oak  
on chimney piece
- 14 Brixham, Statue of William  
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- 15 Bournemouth, From Rich-  
mond Hill
- 16 " View from  
Exeter Hotel
- 17 " West Cliff
- 18 " East Cliff
- 19 " " from Pier
- 20 " The Sands,  
Easter Monday
- 21 " Sen and Pier
- 22 " Bridge over the  
Bourne
- 23 " Bridge in the  
Gardens
- 24 " Wooden Bridge
- 25 " S. Peter's Church
- 26 " Ditto, Lynch Gate
- 27 " S. Peter's Cross
- 28 Cambridge, Trinity College
- 29 " S. Sepulchre's Church  
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- 31 Chepstow Castle
- 32 " Chester Cathedral, Exterior
- 33 " " St. Olave's Door
- 34 " " Interior
- 35 " " Cloisters
- 36 " Remains of Norman  
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- 37 " Ancient Gate
- 38 " View of River Dee
- 39 Clifton Suspension Bridge
- 40 Cockington
- 41 Crowland Abbey, Ruin [Force
- 42 Crummock Water from Seale
- 43 Dartmoor, Source of Dart and  
Post Bridge
- 44 " Post Bridge
- 45 " Cromlech [Dart
- 46 Dartmouth, Castle, Mouth of
- 47 Dawlish, View of Town  
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- 48 Deal, Bench
- 49 " Castle
- 50 Devonshire Cottage
- 51 " Breakers on Coast
- 52 Derwentwater, Friar's Crag
- 53 " Head of, from Fortin-  
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- 54 " Skiddaw, and Head of
- 55 Dover, General View
- 56 " Harbour
- 57 " Castle
- 58 " Wall and Moat
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- 60 " Queen Elizabeth's  
Pocket Pistol
- 61 " " Armoury
- 62 " " Entrance to Keep
- 63 " St. Mary's Church
- 64 Dungeon Ghyll, Langdale
- 65 Durham Cathedral, from River
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- 69 Ely Cathedral & Osier Works  
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- 71 Exeter Cathedral, Ext. W. Ft.
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- 73 " " Choir
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- 75 " Guildhall [S. Martin's
- 76 " Moll's Coffee House and
- 77 Eynsford, Kent
- 78 Ffiley, Brig
- 79 " The Caverns
- 80 " " Wind-worn Rocks
- 81 " " from above
- 82 " Coast Scene [of ruins
- 83 Fountains Abbey, General view
- 84 " " Ext. from N.E.
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- 96 Harrogate, Rocks, Lake
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- 98 " Beach
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- 102 " Reading Desk
- 103 Honister Crag
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- 105 Hurstmonceux Castle
- 106 " Gate & Moat
- 107 Ilfracombe, General View
- 108 " The Beach [Storm
- 109 " Rocks, a gathering  
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- 110 " The Coast, from the  
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- 111 " Hotel
- 112 " On the Beach, water-  
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- 114 Kenilworth Castle, Day
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- 120 Keswick, On the banks of the  
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- 121 " Bridge across the  
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- 123 " View from Bridge
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- 125 Knaresborough, The Bridge  
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- 126 " The Dropping Well
- 127 Kyburn, Falls at
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- 129 " Wood
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- 131 Lee Farm
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- 133 " " West Door
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- 140 " Four-masted Vessels
- 141 " Ferry-Boat [in Dock
- 142 " Early Morn on the  
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- 143 " S.S. Indiana
- 144 " Walker Gallery
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- 156 " On the West Lynn,  
No. 2
- 157 " On the West Lynn,  
No. 3
- 158 " On the East Lynn,  
No. 1
- 159 " On the East Lynn,  
No. 2
- 160 " On the East Lynn,  
No. 2
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- 184 " " Spire
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201 " Village  
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203 Raglan Castle, Main Entrance  
204 " Gateway  
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206 Salisbury Cathedral, Exterior  
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216 Scarborough. The Spa  
217 " From the Spa Grounds  
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219 " The Spa Grounds, the Pavilion  
220 " The Spa Grounds  
221 " The Valley Grounds, Bridge on left  
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242 " " From the West  
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246 " " Interior  
247 " " The Weald Church  
248 Severn Bridge  
249 Sharpness Docks [Pulpit  
250 Shrewsbury, Ancient Wall  
251 " Black and White Houses  
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255 Stoke Poges Church  
256 Stratford-on-Avon Church, Ext.  
257 " " Guild Chapel  
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265 " Queen Anne's Bed  
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280 " The Loaf Rock  
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282 " Stybarrow Crag, looking up the lake  
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284 " In the Wood near Stybarrow Crag  
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286 " " The Moat  
287 " " Interior of the room in which Wellington died, showing bed and chair  
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289 " " from Swan Pool  
290 " " and Palace Gate  
291 " West Front, Exterior  
292 Wenlock Abbey Ruins  
293 Whithy Priory, Exterior  
294 " Interior  
295 " Nave, looking S.W.  
296 " West End  
297 " Transept  
298 Whitstable Harbour  
299 Winchester. See page 538  
300 Wye, Seven Sisters' Rocks  
301 " Welsh-Bicknor Church, Rectory and Castle  
302 York. Monk Bar  
303 " Walmgate Interior
- 304 Devonshire Coast near Ilfracombe  
305 " Old Cottages  
306 Kenilworth Castle  
307 Sonningbury, Tennyson's Brook  
308 Stratford-on-Avon, Shakespeare's birthplace  
309 " Shakespeare's old garden  
310 On the Avon near Stratford  
311 "It was a lover and his lass"  
312 "Homeward"  
313 Bramber Castle  
314 Canterbury Cathedral, Spot where Thomas à Becket was killed  
315 Dover, The Inner Harbour  
316 " The Docks  
317 Freshwater Bay, Isle of Wight  
318 Salisbury, Old Gate  
319 " Market Cross  
320 Stonehenge  
321 " Showing upright stones  
322 A Kent Cottage  
323 Kent Hop Gardens  
324 A Surrey Mill  
325 " Pine Wood  
326 "The Pilgrim's Way"  
327 Beckenham, The Parish Church Lych Gate.  
This is a very fine specimen of an original Lych Gate  
" Do.  
328 " Margaret Finch, aged 103, Queen of the Norwood Gipsies, buried at Beckenham 1740
- 330 Chelsam, Surrey (from a Print) The White Bear as Farley or Fickels Hole. It is said this old Bear did duty for many years as the sign for the Old White Bear, in Piccadilly, London  
331 Chislehurst, the Parish Church, showing the Bonar Tomb, under the Centre Elm tree  
332 " St. Mary's R.C. Church  
333 " Showing Chapel or Chantry in which the bodies of the Emperor Napoleon III. and the Prince Imperial rested for some years  
334 " St. Mary's R.C. Church. Memorial to the Prince Imperial in the Nave, erected by Mons. Goddard  
335 Camden House. Principal or Main Front from S.E. (late residence of the French Imperial Family)  
336 Camden House. Memorial Cross to the Prince Imperial in front of. Erected by Public Subscription amongst the Parishioners of Chislehurst  
337 East Farleigh, Kent. The Old Bull Inn (now pulled down). The Hop-pickers Rag Fair is held here  
338 Hayes Common. Hayes Grove. Winter  
339 Igham. Rockshelters or Prehistoric Dwellings on Oldbury Hill or Camp, showing Portrait of Mr. Benjamin Harrison  
340 Rainham. Parish Church Chest, a fine specimen of a 13th century Church Chest  
341 Rochester Cathedral from top of Castle  
342 London to Brighton Mail Coach. Scenes on the Road

## ENGLISH SCENERY—Continued.

- 343 Amesbury Church  
 344 Dover Castle, from Connaught Park  
 345 " Harbour. The Chalk Cliffs and Hamburg-American Pier.  
 346 " The s.s. "Lord Warden" landing Malls.  
 347 " The s.s. "Lord Warden" leaving the Admiralty Pier.  
 348 " The s.s. "Queen" landing Malls.  
 349 " The s.s. "Queen" Starting.  
 350 " Shakespeare Cliff.  
 351 Gravesend, looking down the River. [River.  
 352 Gravesend, looking up the  
 353 Kentish Hop Gardens, Oast  
 354 The Lizard Head. [Houses.  
 355 Sheringham Cliffs, showing Layer of Flints on Chalk.  
 356 Sunset on the East Coast.  
 357 A Donkey Ride.  
 358 Woolsthorpe Manor House. Birthplace of Sir Isaac Newton.  
 359 Lewes Castle (Sussex), The Barbican  
 360 " " The Gateway  
 361 Hastings Pier  
 362 " S. Martin's Church  
 363 " London Road, showing Electric Car System  
 364 " Alexandra Park Gardens  
 365 " The Gardens  
 366 St. Leonard's Pier  
 367 " Warrior Square, Statue of the Queen  
 368 " The Parade  
 369 Bexhill, The Front  
 370 " The Kursaal  
 371 Eastbourne, The Parade  
 372 " The Bandstand  
 373 " The Gardens  
 374 " The Town Hall, W. Front  
 375 Beachy Head (house  
 376 " " with New Light  
 377 " Old Lighthouse  
 378 Seaford Church, Early English Capital  
 379 Pevensey, Entrance to the Roman Town of Adenda  
 380 " The Town Hall  
 381 " The Mint House  
 382 " The Norman Castle (1)  
 383 " " (2)  
 384 " Castle, Roman Walls from S.  
 385 " " Entrance to Roman Tower  
 386 Southover, Anne of Cleve's House  
 387 " Church, Lewes  
 388 Rye (Sussex) Town from the River  
 389 " " The Landgate  
 390 " " Entrance to Church  
 391 " " Ypres Castle  
 392 " " Camber Castle  
 393 " " Keep " The  
 394 Winchelsea and Sea Gate  
 395 " The Church, Ruined Portion  
 396 Dover Beach  
 397 Brighton Beach  
 398 " Parade  
 399 Newhaven Harbour [Tower  
 400 " Church, Chancel and  
 401 Margate Harbour  
 402 " General View  
 403 " Lifeboatmen's Statue  
 404 " The Swan Pool (house  
 405 " North Foreland Light  
 406 Broadstairs, Bleak House  
 407 Ramsgate Harbour  
 408 Kingsgate Castle  
 409 Alfrington, The Church House  
 410 " The Village Cross  
 411 " The Consecration Cross  
 412 Bayham Abbey Ruins  
 413 Rochester Castle, Queen Victoria Memorial  
 414 Keston, The Manna Ash  
 415 " The Emancipation Oak, Holwood Park  
 416 Westham, Half Timber House  
 417 " The Church Porch  
 418 " Church Exterior, S. Side of Nave  
 419 " Church Exterior from N.W.  
 420 Westerham Church Porch  
 421 " General Wolfe's Birthplace  
 422 " Quebec House  
 423 " Green or Market Place [Gate  
 424 Speldhurst Church, The Lychn  
 425 Penshurst Place, Front View  
 426 Tunbridge Wells, The Pantiles  
 427 In the Solent  
 428 Arreton Church, Exterior [way  
 429 Carisbrooke Castle, The Gate-  
 430 " Exterior  
 431 Bonchurch Church, Exterior  
 432 Shanklin, The Old Village  
 433 Netley Abbey and East Window  
 434 " " Remains of Cloisters  
 435 Porchester Church, Hants  
 436 " Castle, Keep on extreme left  
 437 St. Catharine's Chapel, S. Alban's Head, near Abbotsbury (Dorset)  
 438 Tithe Barn, Abbotsbury  
 439 Bodiam Castle, Sussex  
 440 Cerne Abbey, Dorset  
 441 Corfe Castle, Dorset  
 442 Malmesbury Abbey, Ruins of Transept  
 443 " " " and S. Porch restored  
 444 " " Interior  
 445 Malmesbury Cross and Abbey in Background  
 446 Stonehenge (1)  
 447 " (2)  
 448 Wilton Parish Church (bert's)  
 449 Bemerton Church (George Herbert's Memo.)  
 450 " " Interior  
 451 " " (George Herbert's Memo.)  
 452 Romsey Abbey, Norman Doorway and 10th Century Crucifix  
 453 " " " nearer view  
 454 " " from S.E.  
 455 " " Exterior, East End  
 456 " " from N.  
 457 " " Interior Nave, looking East  
 458 " " Nave from the Pulpit  
 459 Southampton Docks (1)  
 460 " (2)  
 461 " The Avenue  
 462 " The South-Western Hotel  
 463 View on the Avon from Clifton Bridge (1)  
 464 " " " (2)  
 465 Tintern Abbey across the Transept [West  
 466 " " Nave, looking  
 467 Bendley, Blackstone Rock  
 468 Ludlow, Entrance to Castle, showing Moat  
 469 " General View of Mill Street, Whitcliffe  
 470 " Ludlow Castle. Doorway to Norman Chapel  
 471 " "The Feathers" Hotel  
 472 Eagle Tower. The Old Entrance, East  
 473 " " Lower Courtyard  
 474 " " S.W. Corner, showing Terrace Gardens  
 475 Haddon Hall. From Lawn  
 476 " showing "Terrace" Gardens  
 477 Haddon Hall. The Ball Room  
 478 " " Tapestry Room  
 479 " The Chapel  
 480 Silsoe, near Amphill. Red Sandstone Quarry  
 481 Evesham. Abbey Bell Tower  
 482 Bolton Abbey. West end of Abbey Church  
 483 Bolton Abbey. Norman Arcading in Choir.  
 484 Bolton Castle, from West (Tees  
 485 Barnard Castle, from River  
 486 Byland Abbey (Yorks), W. Front  
 487 Byland Abbey (Yorks), Ruins of West Door  
 488 Conisbrough Castle, The Keep  
 489 Furness Abbey, The Sedilia  
 490 " " Showing Cloister Arches  
 491 " " Ruins of Transept  
 492 Helmsley Castle (Yorks), The Keep  
 493 Jervaulx Abbey (Yorks) (Trent  
 494 Newark Castle, from River  
 495 Revaux Abbey  
 496 " " from Terrace  
 497 Selby Abbey (before fire), Nave looking East  
 498 Selby Abbey (before fire), Choir and East Windows.  
 499 Wenlock Abbey, showing Norman work (Salop)  
 500 Milton's Cottage at Chalfont  
 501 Molesey Lock, Thames  
 502 " Weir  
 503 Kingston Bridge [(Linc.)  
 504 Boston Stump, from S.W.  
 505 Caister, The Beach  
 506 " The Lookout  
 507 " The Lifeboat Memorial  
 508 Croylad Abbey  
 509 " Three Way Bridge  
 510 Going out to the Fishing Ground  
 511 Towing a Wrecked Trawler into Harbour  
 512 Lowestoft. A Smack leaving  
 513 Fishing Boats  
 514 Fishing Boats off Walton Pier  
 515 Waltham Abbey from S.W., showing remains of Transept  
 516 Waltham Abbey, Interior, looking West.  
 517 Waltham Cross  
 518 A Business Street in a Country Village  
 519 A Market in a Country Village  
 520 A Typical Country Inn  
 521 A Shoeing Forge  
 522 A Field of Waving Corn  
 523 A Reaping Machine at work.  
 524 Milking Time  
 525 A Kentish Hop Garden [brook  
 526 " " in Cran-  
 527 Cattle Drinking. " on the Yare.  
 528 Fishing Fleet at the Quayside,



## K D

## MAPS.

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| 17 Denmark  | 34 India                     | 55 " 3rd Voyage               |  |
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|   | 38 Klondyke                  | 59 Sweden and Norway          |  |
|   |                              | 60 Switzerland                |  |

## R O

## MAPS.

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- 1 Bangor, Ext.
- 2 " Nave, Int.
- 3 Bath, W. Front.
- 4 " From N.E.
- 5 " Int., looking E.
- 6 " " looking W.
- 7 " Bishop Bird's Chan-  
trey in Choir.
- 8 Beverley Minster, W. Front.
- 9 " " From S.
- 10 " " Int., looking E.
- 11 " " 15th Cent. Choir  
Stalls.
- 12 " " Early English  
Staircase in  
Choir Aisle.
- 13 " " Triforium Nave.
- 14 " " W. Window.
- 15 " " The Percy Shrine.
- 16 " " The N. Porch.
- 17 Bristol, Ext.
- 18 " Int.
- 19 " Choir, looking E.
- 20 " Choir Aisle, show-  
ing vaulting.

**CANTERBURY,**

see page 384.

- 21 Carlisle, Ext. E. End.
- 22 " Ext., S.W.
- 23 " Nave, Int.
- 24 " Choir.
- 25 Chester, Ext.
- 26 " Int., looking E.
- 27 " Remains of Nor-  
man Cathedral.
- 28 " S. Olave's Door-  
way.
- 29 " The Cloisters.
- 30 Christchurch, Choir and E.  
Window.
- 31 " Latin Chapel,  
looking E.
- 32 " Remains of S.  
Frideswide's  
Shrine.
- 33 Chichester, Ext.
- 34 " Int., The Nave.

**DURHAM, see page 385.**

- 35 Ely, W. Front.
- 36 " From the S., Ext.
- 37 " Ext., from the River.
- 38 " " from the Galilee.
- 39 " Octagon from N.W.
- 40 " Choir, looking E.
- 41 " Choir, looking W.
- 42 " Nave, looking E.
- 43 " Nave and W. Window.
- 44 " Across the Lantern  
towards the Choir.
- 45 " Choir Screen.
- 46 " N. Aisle of Choir.
- 47 " Arcading in N. side,  
Lady Chapel.
- 48 " Bisho-Redman's Tomb  
in Choir.
- 49 " Bishop Alcock's Chapel  
(Ext.), 16th Cent.
- 50 " Bishop Alcock's Chapel  
(Int.), 16th Cent.
- 51 " Bishop West's Chapel  
(Int.).
- 52 Exeter, W. Front.
- 53 " N. Tower.
- 54 " Choir, looking E.
- 55 " Reredos and Choir.

- 56 Exeter, Reredos.
- 57 " Choir, looking W.
- 58 " Nave, looking E.
- 59 " Nave, looking W.
- 60 " S. Choir Aisle.
- 61 " Looking across the  
Nave from W. Aisle.
- 62 " Looking across the  
Nave from S. Aisle.
- 63 " Glimpse of Choir  
from the Clerestory.
- 64 " Minstrels' Gallery  
and Nave from the  
Clerestory.
- 65 " The Bishop's Palace.

**GLOUCESTER,**

see page 384.

- 66 Hereford, From W. and  
Wye Bridge.
- 67 " from N.E.
- 68 " Showing Tower  
and N. Tran-  
sept.
- 69 " Nave looking E.  
Lady Chapel.
- 70 " S. Aisle of  
Choir.
- 71 " Across Nave  
from S. Aisle.
- 72 " Across lantern,  
showing arcade  
of N. Transept.
- 73 " Across Nave,  
showing early  
Norman work  
in S. Transept.
- 74 " S. Thomas of  
Hereford's  
Shrine.
- 75 " Lichfield, Ext. from Bridge.
- 76 " " from Pool.
- 77 " W. Front.
- 78 " W. Door.
- 79 " W. Door (Side  
View).
- 80 " Ext. of Apse.
- 81 " Choir, looking E.
- 82 " Choir and E.  
Window.
- 83 " Bishop's Throne  
and Choir.
- 84 " Nave, looking E.  
Nave Arcade.
- 85 " Looking across  
the Nave.
- 86 " N. Aisle of Nave.
- 87 " Int. of Lady  
Chapel.
- 88 " Door leading to  
Chapter House.
- 89 " Carving in Chap-  
ter House.
- 90 " Lincoln, W. View from  
Castle.
- 91 " Exchequer Gate  
and West Towers.
- 92 " Western Doors.
- 93 " N.W. View.
- 94 " S.W. Door.
- 95 " Angel Choir and  
E. Window.
- 96 " E. End of Angel  
Choir.
- 97 " Angel Choir, look-  
ing E., Easter  
Sepulchre on ex-  
treme left.

- 100 Lincoln, Back of Altar  
Screen and N. Side  
of Angel Choir.
- 101 " Nave, looking E.
- 102 " Nave, looking W.
- 103 " Nave and W. Win-  
dow.
- 104 " Window, known as  
the "Bishop's  
Eye" and S.  
Transept.
- 105 " The Cloisters.
- 106 " The Chapter House.
- 107 " Font and N. Side  
of Nave.
- 108 Liverpool, Ext.
- 109 Llandaff, Ext.
- 110 " Int. The Nave.
- 111 Manchester, Ext.
- 112 " The Choir.
- 113 Newcastle, Ext.
- 114 Norwich, Cathedral and  
Water Gate.
- 115 " The West Front  
(1).
- 116 " The West Front  
(2).
- 117 " From S.E.
- 118 " The Cloisters.
- 119 " Ethelbert's Gate.
- 120 Oxford, From the Canon's  
Garden.
- 121 " The Choir.
- 122 Peterborough, West Front  
(1).
- 123 " West Front (2).
- 124 " Ext., N. Tran-  
sept.
- 125 " Ext., S. Tran-  
sept.
- 126 " Choir, looking  
E.
- 127 " Altar and  
Marble Pavement.
- 128 " Choir Stalls and  
W. Window.
- 129 " Nave, looking  
E.
- 130 " N. Side Nave,  
looking E.
- 131 " N. Side Nave,  
looking W.
- 132 " Norman Door  
and N. Side  
of Nave.
- 133 " Entrance from  
Cloisters to  
Dennerly.
- 134 " Butter Market  
and Hall.
- 135 Ripon, Ext. from the S.E.
- 136 " Int., Nave from the  
West.
- 137 Rochester, W. View from  
Castle Keep.
- 138 " West Door.
- 139 " Choir and E.  
Window.
- 140 " Nave, looking E.
- 141 " Nave and W.  
Window.
- 142 " Early English  
Crypt.
- 143 " Chapter Room  
Door, date 1344.
- 144 " The Deanery.

## ENGLISH CATHEDRALS—Continued.

**SALISBURY, see below.**

- 145 St. Alhans, Ext.  
 146 " Central Tower.  
 147 " Central Tower  
 and end of  
 Transept.  
 148 " Wallingford  
 Screen (Reredos).  
 149 " Bishop Ran-  
 nuryge's Chan-  
 trey and part  
 of Wallingford  
 Screen.  
 150 " Lady Chapel  
 Restored.  
 151 " Bishop's Throne  
 and Choir.  
 152 " Shrine of S.  
 Alhan.  
 153 St. Asaph, Ext.  
 154 " Int.  
 155 St. David Ext.

**ST. PAUL'S, see page 394.**

- 156 " Int.  
 157 Southwark, Ext.  
 158 " Choir, looking  
 E.  
 159 " Nave, looking  
 E.  
 160 " Nave, looking  
 W.  
 161 Southwell, Ext. from  
 N.N.W.  
 162 " Ext. from S.E.  
 163 " N. Porch.  
 164 " Choir Screen (E.  
 Side) Decorated  
 Work (15th  
 Cent).

- 165 Southwell, Part of Choir  
 Screen.  
 166 " N. Side of Choir.  
 167 " The Sedilia (Re-  
 stored).  
 168 " Nave, looking E.  
 169 " A Bay of the  
 Nave.  
 170 Tewkesbury, Ext.  
 171 " Warwick Chan-  
 trey in Choir.  
 172 Truro, Ext.  
 173 " Int.  
 174 Wakefield, Ext.

**WESTMINSTER ABBEY,  
see page 393.**

- 175 Wells, From Swan Pool.  
 176 " W. Front.  
 177 " Ext. from S.E.  
 178 " Cathedral and  
 Palace.  
 179 " E. Window and  
 Altar.  
 180 " Choir, looking E.  
 181 " Nave, looking E.  
 182 " Lady Chapel from  
 Aisle.  
 183 " Looking across  
 Lady Chapel.  
 184 " Across Nave to-  
 wards S.W.  
 185 " Nave pier, looking  
 across Nave.  
 186 " Inverted Arches in  
 Transept.  
 187 " Staircase up to  
 Chapter House.  
 198 " Chapter House  
 Entrance, Int.

- 189 Winchester, W. Front.  
 190 " Ext. E. Win-  
 dow.  
 191 " The Reredos.  
 192 " Near View of  
 Altar, showing  
 Lower Part of  
 Reredos.  
 193 " The Choir.  
 194 " The Nave,  
 looking E.  
 195 " The Old Gram-  
 mar School.  
 196 " The Grave of  
 Thomas Thet-  
 cher.  
 197 Worcester, Ext., from the  
 River.  
 198 " Choir, looking  
 E.  
 199 " The Reredos.  
 200 " Int., The Nave.  
 201 " The Nave and  
 W. Window.  
 202 " Nave Arcade.  
 203 " Choir Stalls.  
 204 " Choir, looking  
 W.  
 205 " Int., looking E.  
 206 " N. Aisle of  
 Choir.  
 207 " S. of Aisle,  
 looking W.  
 208 " King John's  
 Tomb and  
 Choir Stalls.  
 209 York, Ext.  
 210 " W. Doorway.  
 211 " Choir, looking E.  
 212 " Choir, looking W.  
 213 " Nave, looking E.  
 214 " Nave, looking W.

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 7 Cathedral, West Door  
 8 " North Porch  
 9 " and Bishop's Palace  
 10 Close, North Gate, Exterior  
 11 " " Near View  
 12 " " Interior  
 13 " Harnam Gate  
 14 " St. Ann's Gate  
 15 Bishop's Palace  
 16 Poultry Cross  
 17 Cloisters, Exterior  
 18 " Interior

- 19 Cloisters, and Chapter House  
 20 Cathedral Interior, Choir looking E.  
 21 " " The Reredos  
 22 " " Nearer View  
 23 " " Nave and Choir, looking E.  
 24 " " Nave looking E.  
 25 " " Choir and Nave, looking W.  
 26 " " Nave looking W., from Chancel  
 Steps  
 27 " " Lady Chapel from S.W.  
 28 " " Looking across Nave from S.  
 Aisle  
 29 " " Monument to Bishop Giles  
 30 " " Monument to Wife of Bishop  
 Moberly  
 31 " " Bishop Audley's Chantry  
 32 " " South Aisle

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| 3 The Cathedral, Exterior from   | 24 Pilgrims' Steps to Becket's Shrine   | 46 S. Augustine's Abbey. Early Norman Stone Wall, A.D. 1090, added brickwork, A.D. 1556 |
| 4 " " Exterior from E.   | 25 Ascent and Ambulatory of Trinity Chapel  | 47 S. Augustine's Abbey. Tudor Wall of Henry VIII. A.D. 1538                            |
| 5 " " Exterior, the S.W. Porch   | 26 Tomb of the Black Prince and Relics  | 48 S. Augustine's Abbey. Quadrangle   |
| 6 Bell Harry Tower from Green Court  | 27 Becket's Crown and S. Augustine's Chair  | 49 S. Augustine's Abbey. The Hall or Dining Room  |
| 7 " " " The Ceiling  | 28 S. Augustine's Chair   | 50 S. Martin's Church   |
| 8 " " " and Butchery Lane  | 29 Tomb of Henry IV. and Joan of Navarre  | 51 " " from field   |
| 9 West Towers and Mercery Lane   | 30 The Martyrdom. Becket's Shrine   | 52 " " wall showing Roman Bricks  |
| 10 The Norman Portion, Exterior  | 31 The Dean's, or Lady's, Chapel  | 53 " " Interior   |
| 11 East Cloisters and Entrance to Chapter House  | 32 The Dean's, or Lady's, Chapel, showing the old Bishop's Throne, carved by Grinling Gibbons | 54 " " " The Font   |
| 12 The Gateway through which Becket passed   | 33 S. Michael's, or Warriors', Chapel   | 55 Old Houses in Burgate Street and Tower of S. Mary Magdalene, A.D. 1503               |
| 13 Old Norman Doorway  | 34 The Crypt  | 56 Dame John, and the Avenue of the Garden  |
| 14 Interior of the Nave, looking E. showing the Marble Font given by the Bishop of Rochester, 1636 | 35 " looking W.   | 57 City Wall and Obelisk  |
| 15 Interior of the Nave, The Pulpit erected to the memory of the late Dean Payne Smith             | 36 " Lady Chapel  | 58 The Castle   |
| 16 Statue of King Ethelbert  | 37 " of Trinity Chapel  | 59 West Gate from without   |
| 17 " Queen Bertha  | 38 " A Corner, or Cardinal Morton's Monument  | 60 " " River Stour  |
| 18 The Choir looking E.  | 39 " The Black Prince's Chantry, now the French Church  | 61 East or King's Bridge, and old Houses  |
| 19 " " W. from Communion Rails   | 40 S. Gabriel's Chapel  | 62 S. Thomas' or East Bridge Hospital   |
| 20 " " The Archbishop's Throne   | 41 Norman Porch and Stairway  | 63 The Beane Institute  |
| 21 " " Archbishop Chicheley's Tomb, with two effigies  | 42 " and King's School  | 64 Old House in High Street   |
|  | 43 The Baptistry from the Dean's Garden   | 65 The Butter Market  |
|  |   | 66 S. John's Hospital   |
|  |   | 67 S. Dunstan's Church  |
|  |   | 68 S. Stephen's Church  |
|  |   | 69 Altar and Screen.  |
|  |   | 70 Spot where S. Thomas & Becket was killed.  |

**K F GLOUCESTER CATHEDRAL AND CITY.**

*[Beautifully Painted Views, 5s. each; Plain Photographs, 1s. each.]*

**TEXT BOOK, 1s.**

- |  |  |  |
|--|--|--|
| 1 Cathedral, exterior from S.W.                                      | 20 Cathedral, Double Piscina, etc., Triforium                                      | 34 Gloucester, from the River Severn   |
| 2 " " West Front   | 21 " Tomb of Edward II.  | 35 " Old House, Palace Yard  |
| 3 " " The Porch  | 22 " Tomb of King Osrík, A.D. 681 (introduced Christianity into Gloucester)        | 36 " Robert Raikes' house, Southgate Street  |
| 4 " " Various styles of windows, S.E. angle                          | 23 " Tomb of Robert of Normandy (Bog oak)  | 37 " House in Catherine Street and Park Street, where Robert Raikes opened the first Sunday School |
| 5 " interior, Nave looking R.  | 24 " Painted Monument to Thomas Machen, wife, 7 sons and 6 daughters, A.D. 1614-15 | 38 " Gambling. The class for which Robert Raikes opened his Sunday School                          |
| 6 " interior, Nave looking W.  | 25 " South Cloisters   | 39 " Old house, Westgate Street, in which Bishop Hooper slept the night before he was burnt        |
| 7 " South Aisle  | 26 " Slype, or S.W. Entrance to Cloisters  | 40 " Bishop Hooper Memorial, erected on the spot where he was burnt                                |
| 8 " South Aisle, showing Decorated work and buttresses across arches | 27 " North Cloisters and Lavatorium  | 41 " Old Houses by the Memorial  |
| 9 " The Crypt  | 28 " The Lavatorium  | 42 " Old Houses in Westgate Street   |
| 10 " South Transept  | 29 " Thirteenth Century water tank   | 43 " The New Inn   |
| 11 " Across the Transepts, the Flying Arches                         | 30 " Cloister Garth, or Dean's Garden  |  |
| 12 " Choir, looking E.   | 31 " Dean's, or Little Cloister  |  |
| 13 " Interior, from Altar  | 32 " Chapter House   |  |
| 14 " " " side of Altar   | 33 " The Arches  |  |
| 15 " The Altar   |  |  |
| 16 " Stone Sedilia   |  |  |
| 17 " Ancient Monument Chests in Ambulatory                           |  |  |
| 18 " A corner in the Triforium Ambulatory                            |  |  |
| 19 " Triforium Ambulatory  |  |  |

## U E

## DURHAM CATHEDRAL AND CITY.

From a series of Negatives recently taken by the Rev. G. S. Ellam.

*Beautifully Painted, 5s. ; Plain Photographs, 1s. each.*

- |  |  |  |
|--|--|--|
| 1 Cathedral, and Elvet Bridge in foreground  | 29 Cathedral, Choir, Bishop Lightfoot's Tomb   | 53 The Dean's Kitchen  |
| 2 " Plan of, and Monastic Buildings as it was in olden times   | 30 " Early English Arch at E. of Choir. Triforium marks the Transition from Norman                       | 54 " " "   |
| 3 " from S.W., showing River   | 31 " North Transept  | 55 " College Gateway, with Chapel over Gate leading from the College into Bailey   |
| 4 " from S.W., Reflection of Towers  | 32 " Transept. The Tomb of Bishop Van Mildert, the last of the Prince Bishops of the County Palatine     | 56 The Castle Gateway and Keep, from the Castle Garden   |
| 5 " from West  | 33 " Transept, Tomb of Bishop Shute Barrington   | 57 The Keep of the Castle (Modern)   |
| 6 " from the Railway Station   | 34 " Passage (in the thickness of the wall) across the E. Window   | The old Keep, which was ruined, was restored when Van Mildert gave the Castle for the University   |
| 7 " Western Tower from Library Roof  | 35 " Triforium in the Chapel of the Nine Altars  | 58 The Castle Gateway. Entrance from Green Courtyard   |
| 8 " N.W. Pinnacle on North Transept  | 36 " Nine Altars, with St. Outhbert's Shrine   | 59 The Castle Courtyard  |
| 9 " The Dun Cow. N.E. Transept. Ext.   | 37 " Nine Altars, showing St. Outhbert's Shrine  | 60 The Castle. Norman Gallery. The authorities destroyed one side of the Norman work to make cubicles for students                               |
| 10 " Central Tower from West Towers  | 38 " Nine Altars, showing surface of the Platform on which the Shrine was built                          | 61 The Castle. The Hall, now University College Hall   |
| 11 " N.W. Doorway, showing Sanctuary Knockers and Window of upper room in which door-keeper was always on duty | 39 " Lectern   | 62 The Castle. The Hall Garth  |
| 12 " Sanctuary Knockers  | 40 " Pulpit  | 63 " " The old Tithe Barn of Durham Monastery  |
| 13 " Sanctuary Knockers, Profile   | 41 " Font  | 64 " " Chair of State  |
| 14 " Nave, from West   | 42 " East Side of Cloister. Norman Doorway   | 65 " " University Chapel. Father Schmidt's Organ   |
| 15 " " looking East  | 43 " Cloister Garth  | 66 " " The Underground Norman Chapel   |
| 16 " " looking East from West window   | 44 " " This was the Cemetery of the old Monastery  | 67 " " At the Reformation St. Outhbert's coffin was removed from the Shrine and placed in this shell, which is now in the Castle Kitchen Library |
| 17 " Nave, looking West  | 45 " Galilee, one of the finest pieces of Norman work in existence                                       | 68 " " Library   |
| 18 " " "   | 46 " Tomb of Venerable Bede in Galilee   | 69 Framwellgate Bridge, built 1160, but enlarged since   |
| 19 " Nave from Triforium of Transept   | 47 " Crypt, Old Stones from Restoration at Back  | 70 Framwellgate, one of the best views of the Castle and Cathedral together  |
| 20 " Nave, Across the, from S. Gregory's Chapel  | 48 " Chapter House after a Meeting of the Chapter  | 71 Framwellgate, Old Houses in, originally an entrance to the City, now a Slum   |
| 21 " Nave, The Tomb of the Earl of Neville   | 49 " Chapter House, Prior's Seat (now used by the Dean and Bishop). This belongs to the Reformation days | 72 S. Oswald's Church (the oldest in Durham), from the river   |
| 22 " Roof of; showing the Dog Tooth  | 50 The Prebend's Bridge, belonging to the Dean and Chapter   | 73 The Count's House, said to be once the dwelling of the dwarf refugee Polish Count   |
| 23 " Triforium on the North Side of the Nave   | 51 S. Gateway from the Bailey on to the River, Prebend's Bridge in distance                              | 74 Finchdale Priory. The stair was up central pillar   |
| 24 " Choir and Nave from the Great East (Rose) Window (Vista View)   | 52 Roof of the Monastic Kitchen, now Dean's Kitchen, very curious Medieval architecture                  | 75 Finchdale Priory. Piscina   |
| 25 " Choir, High Altar   |  | 76 Kepier Hospital, half-a-mile from Durham  |
| 26 " Choir, Carved Stalls and Organ  |  | 77 Durham, View from the Railway Station   |
| 27 " Choir, The Bishop's Throne in mourning for Bishop Westcott  |  |  |
| 28 " Choir, Bishop Hatfield's Tomb, immediately under the Bishop's Throne                                      |  |  |

## U F ON THE AVON AT BIDFORD, WARWICKSHIRE.

Artistic Studies of very Pretty Scenery.

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- |                      |                      |                               |                       |
|----------------------|----------------------|-------------------------------|-----------------------|
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| 2 The Mill Stream    | 7 Bidford Village    | 11 Above the Weir             | 15 The River Path     |
| 3 Under the Willows  | 8 The old Church     | 12 Among the Rushes           | 16 On the River Bank  |
| 4 Sunshine and Shade | 9 At dawn of day     | 13 Waiting                    | 17 Evening Light      |
| 5 Below the Mill     |                      |                               |                       |

**W D ST IVES AND ITS NEIGHBOURHOOD.**From Negatives taken in 1904. (*Copyright.*)*Beautifully Painted, 5s. each. Plain, 1s. each.*

- |                                  |                                      |                                     |
|----------------------------------|--------------------------------------|-------------------------------------|
| 1 Railway Station                | 16 Old Stone Arch                    | 33 Ruins of old tin mines, Rose     |
| 2 From Malokoff                  | 17 Back Road, East                   | Wall Hill                           |
| 3 " Harbour End                  | 18 View of Battery                   | 34 Corn Fields                      |
| 4 Tregenna Hill                  | 19 Porthmure Bay                     | 35 St. Paul's Church, Halse Town    |
| 5 Porthminster Bay, Sandpool     | 20 The Island                        | 36 St. Erth's Station               |
| children at play                 | 21 Sunset over the Atlantic          | 37 Lelant Street                    |
| 6 " "                            | 22 Coast Guards lookout              | 38 Marazion Village                 |
| 7 The Old Market House           | 23 Rocks round Island                | 39 St. Michael's Mount and Causeway |
| 8 The Church from the Quay       | 24 Clodgy Point                      | 40 Penzance Harhour                 |
| 9 The Harbour with the Boats     | 25 Clodgy, the Rugged Coast          | 41 Promenade                        |
| 10 " Mouth                       | 26 On the Cliffs with Cattle         | 42 Newlyn Harhour                   |
| 11 " Artists at work             | 27 Hope Point                        | 43 " Bridge                         |
| 12 " The Old House               | 28 Carbis Bay                        | 44 Logan Stone                      |
| 13 " Return of the Herring Fleet | 29 Carbis Railway Arches             | 45 The Coast by the Logan           |
| 14 " A Fishing Boat              | 30 Knill Monument                    | 46 St. Burvan's Church              |
| 15 Porthmure Road                | 31 Cornish Village with Fuchsia Tree | 47 Land's End                       |
|                                  | 32 Towadnack Church                  | 48 Artist at Work.                  |

**U D CAMBRIDGE AND ITS NEIGHBOURHOOD.**

From a series of negatives recently taken.

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- |  |   |
|--|---|
| 1 Cambridge, S. Benet's Church   | 45 Queen's College, Walnut-tree Court   |
| 2 " Addenbrook's Hospital  | 46 " " Cloister Court   |
| 3 " Caius College and Senate House   | 47 " " and Master's House   |
| 4 " " Gate of Humility   | 48 " " Newton's Mathematical Bridge   |
| 5 " " Gate of Virtue   | 49 St. Catherine's College  |
| 6 " " Gate of Honour   | 50 St. John's College, Gate   |
| 7 Christ's College Gate  | 51 " " New Buildings  |
| 8 " " First Court  | 52 " " Chapel   |
| 9 " " Milton's Mulberry Tree   | 53 " " Old Bridge   |
| 10 Clare College Bridge  | 54 " " Bridge of Sighs  |
| 11 St. Botolph's Church and Corpus Christi   | 55 Sidney Sussex College, Hall Court  |
| 12 Corpus Christi, Front   | 56 " " New Court  |
| 13 " Old Court   | 57 Trinity College, King's Gateway, Statue of Henry VIII.                                       |
| 14 Downing College, with R.C. Church in distance   | 58 " " Fountain and Gate  |
| 15 Emmanuel College, Chapel and Picture Gallery, by W. Wren  | 59 " " New Court  |
| 16 The Fitzwilliam Museum  | 60 " " Chapel   |
| 17 Great St. Mary's Church   | 61 " " Ante-Chapel  |
| 18 Jesus College, Gate   | 62 " " Library  |
| 19 " Chapel  | 63 " " Hall Library   |
| 20 King's Parade   | 64 " " Bridge   |
| 21 King's College, S.E. Front, with Statue of Henry VIII.  | 65 " " Clare, and a peep of King's Colleges   |
| 22 " " Gate and Chapel   | 66 The Greek Oration at the Presentation of Honorary Degrees in the Senate House, June 10, 1902 |
| 23 " " The Chapel, S.W. Door   | 67 The Recipients of Honorary Degrees leaving the Senate House                                  |
| 24 " " Int., looking West  | 68 Doctor in Red Robe, Students, &c., and Dons  |
| 25 " " Choir Stalls  | 69 Ely Cathedral, W. Towers   |
| 26 " " and Organ Screen, looking East  | 70 " " East End   |
| 27 " " Fellows' Buildings  | 71 " " Porch  |
| 28 " " and Chapel and Clare College  | 72 " " Prior's Door   |
| 29 " " Bridge  | 73 " " Choir  |
| 30 Magdalene College, Popsyan Library  | 74 " " S. side of Nave  |
| 31 " Double Staircase and Dining Hall  | 75 " " S. Aisle   |
| 32 School of Pythagorase, now Merton Hall, from Sir Roger de Merton, 1st Bishop of Rochester, who left it to Oxford to found Merton College. Afterwards used by Miss Clough to start the Women's College now carried on at Newnham | 76 " " N. Aisle and Staircase   |
| 33 School of Pythagorase, W. front looking N.W.  | 77 " " Lady Chapel  |
| 34 " showing Medlar Tree mentioned by Oliver Wendell Holmes in his "100 Days in Europe"  | 78 " The Steeple Gate   |
| 35 Pembroke College, Front   | 79 Bishop's Palace  |
| 36 " First Court   | 80 Bury St. Edmunds, The Ruined Abbey   |
| 37 " Ivy Court   | 81 " " side view  |
| 38 Peterhouse College  | 82 " " Abbey Gate   |
| 39 " from Fellows' Garden  | 83 " " Abbot's Bridge   |
| 40 The Pitt University Press, also known as the Freshman's Church  | 84 " " Norman Tower   |
| 41 Queen's College, Old Court, Entrance Gate   | 85 " " St. Mary's Church, Porch   |
| 42 " " Clock Tower   | 86 " " Int.   |
|  | 87 Lavenham Church, from N.E.   |
|  | 88 " " Porch  |
|  | 89 " " Interior   |
|  | 90 " " Spring Pew, 1523   |
|  | 91 Long Melford Church, from N.   |
|  | 92 " " S.E.   |
|  | 93 " " Interior N. Aisle  |
|  | 94 " " The Lady Chapel  |



**K K****A TRIP TO THE SOUTH COAST.***Beautifully Painted, 5s.; Plain Slides, 1s. each. READING, 6d.*

- |                                   |                                 |                                    |
|-----------------------------------|---------------------------------|------------------------------------|
| 1 Introduction                    | 37 Brighton. Chain Pier         | 72 Carisbrook Castle. Moonlight    |
| 2 Victoria Station. Train leaving | 38 " Grand Hotel                | 73 Brading Church                  |
| 3 Passing Clapham Junction        | 39 " Devil's Dyke               | 74 Sandown Bay                     |
| 4 Calais Steamer at Dover Pier    | 40 " Aquarium                   | 75 Shanklin Chine                  |
| 5 The Ostend Boat at Dover        | 41 Shoreham. General View       | 76 " Village                       |
| 6 Dover Esplanade and East        | 42 Worthing. Sea Front          | 77 Ventnor, looking West           |
| 7 " Shakespeare Cliff (Cliffs)    | 43 Bramber Castle               | 78 " East                          |
| 8 Folkestone, The Boulogne Boat   | 44 Littlehampton. High Street   | 79 Newport                         |
| 9 " from the Leas                 | 45 Arundel Town                 | 80 Cowes, General View             |
| 10 Hayward's Heath                | 46 " Castle                     | 81 " West                          |
| 11 Lewes, High Street             | 47 Black Rabbit Inn             | 82 " East                          |
| 12 Rye, from the South            | 48 Amberley Village             | 83 Cowes Harbour                   |
| 13 Winchelsea Church              | 49 " Castle. Great Gateway      | 84 Freshwater Bay, Arched Rock     |
| 14 Hastings, from the Hills       | 50 Bognor, from the Sea         | 85 Osborne House                   |
| 15 " Beach                        | 51 " " Pier                     | 86 Osborne House, West Wing        |
| 16 " Castle                       | 52 " The Beach                  | 87 Terrace                         |
| 17 " Fairlight Glen               | 53 Chichester Cathedral         | 87 Osborne House, Drawing Room     |
| 18 " Dripping Well                | 54 Havant                       | 88 " Statue - Venus                |
| 19 " Lovers' Seat                 | 55 South Hayling                | 89 and Cupid                       |
| 20 Bodiam Castle                  | 56 Portsmouth Harbour and Ferry | 89 Osborne House, Billiard Room I. |
| 21 St. Leonard's Parade           | 57 " Dockyard                   | 90 " II.                           |
| 22 Bexhill                        | 58 Southsea, from Portsmouth    | 91 " Council Chamber               |
| 23 Pevensey Castle                | 59 Southampton, from the Pier   | 92 Pulborough                      |
| 24 " Interior                     | 60 " Entrance                   | 93 Box Hill                        |
| 25 Battle, High Street            | 61 " Old Bargate                | 94 Bournemouth, Beach, etc.        |
| 26 " Abbey                        | 62 " Dooks                      | 95 " Cliffs                        |
| 27 Eastbourne, General View       | 62 Netley Hospital              | 96 " Invalids' Walk                |
| 28 " Parade                       | 63 S. Catherine's Coast, I.W.   | 97 Swanage Cliffs                  |
| 29 Beachy Head, from Beach        | 64 The Needle Rocks and Light-  | 98 Lulworth Cove                   |
| 30 Seaford                        | 65 Ryde Pier (house)            | 99 Weymouth Bay                    |
| 31 Newhaven, The Dieppe Steamer   | 66 Ryde                         | 100 " Esplanade                    |
| 32 " The Harbour                  | 67 Arreton Church               | 101 Portland, from Chesil Bank     |
| 33 Brighton, from the Pier        | 68 Black Gang. Upper Chine      | 102 " and Chesil Bank              |
| 34 " The Beach                    | 69 Bonchurch. Village Pond      | 103 Breaking Waves on Chesil Bank  |
| 35 " Esplanade                    | 70 " The Old Church             | 104 A Portland Stone Quarry        |
| 36 " Pavilion                     | 71 Carisbrook Castle, Day       |                                    |

**K L****DEVONSHIRE.** *Beautifully Painted, 5s.; Plain Slides, 1s. each.**READING FOR THE FIRST 36 SLIDES, 6d.*

- |                                    |                                 |                                      |
|------------------------------------|---------------------------------|--------------------------------------|
| 2 Exeter—Cathedral, Nave from West | 20 Torquay—Chapel Hill          | 41 Clovelly, Streets in              |
| 3 " Cathedral, Choir from West     | 21 " Abbey Sands                | 42 Dartmoor, British Bridge, 7s. 6d. |
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| 5 " The Lawn                       | 23 " Church                     | 44 " View up the Dart                |
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| 46 " From West Cliff               | 25 Paignton—Harbour             | 47 Eddystone, Old and New, 7s. 6d.   |
| 7 Teignmouth—From Torquay          | 27 Brixham, Inner Harbour       | 48 " New Lighthouse                  |
| 8 " The Den (Road)                 | 28 " Outer Harbour              | 51 Ilfracombe Harbour                |
| 9 " Parson & Clerk Rocks           | 29 " Berry Head                 | 52 Ivybridge, View on River Erne     |
| 10 " Shaldon from Beach            | 30 Dartmouth—from Dyer's Hill   | 53 Kingswear, from Dartmouth         |
| 11 " Labrador Tea Gardens          | 31 " Butter Walk                | 55 Lynmouth, Old Cottages, from Pier |
| 12 Babbacombe Bay and Beach        | 32 " From Mount Boome           | 59 " The Falls                       |
| 13 Anstey's Cove                   | 33 " St. Petrox and Castle      | 61 " Bridge and Falls                |
| 14 Torquay—From Vane Hill          | 34 " Britania Training          | 62 Lynton. The Village               |
| 15 " From Waldon Hill              | 35 Greenaway—On the Dart (Ship) | 63 Okehampton, General View          |
| 16 " The Harbour                   | 36 Kingwear                     | 64 Plymouth Hoe                      |
| 18 " Natural Arch                  | 37 Chagford River               | 65 " Guildhall                       |
| 19 " Rock Walk                     | 38 " Old Watermill              | 66 Tavistock Abbey                   |
|                                    | 39 Clovelly, from the Pier      | 67 Totnes, High Street               |
|                                    | 40 " Cliffs and Beach           |                                      |

**K M****CORNWALL.** *Beautifully Painted, 5s.; Plain Slides, 1s. each.**READING FOR THE FIRST 50 SLIDES, 6d.*

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|------------------------------|-----------------------------------|--|
| 1 Saltash—Albert Bridge      | 23 Flushing, from Falmouth        | 46 St. Mary's Town, Scilly Isles         |
| 2 Cheesewring, Liskeard      | 24 Penryn, from the Hills         | 46 Treco Abbey, Cactus Grove             |
| 3 Launceston—General         | 25 Lizard Rocks, Lighthouse       | 47 " Palms in the Long Walk              |
| 4 " Church                   | 26 Cadgwith and Beach             | 48 " Old Abbey Ruins                     |
| 5 Boscawen—The Harbour       | 27 Devil's Prying Pan             | 49 " Gardens from Terrace                |
| 6 Pentangon Waterfall        | 28 Kynance Cove, from West        | 50 Wrecked Steamer on St. Agnes Island   |
| 7 Tintagel Cliffs and Castle | 29 " " East                       | 51 Perranzabuloe Ruin                    |
| 8 " King Arthur's Castle     | 30 St. Michael's Mount            | 52 St. German's Church                   |
| 9 Trevena, Old Post Office   | 31 Market Jew Street, Penzance    | 53 Exmouth, the Strand                   |
| 10 Bedruthen Steps, General  | 32 Penzance Esplanade             | 54 Falmouth, from Pendennis              |
| 11 Newquay—The Sands         | 33 Blue Bridge, Inscribed Stone   | 55 " Fish Market                         |
| 12 Truro, from College       | 34 Men-an-Tol (Cromlech)          | 56 " The Harbour                         |
| 13 Malpas Roads, Truro       | 35 St. Ives from Rosewall Hill    | 57 " Fishing Boats                       |
| 14 St. Clement's Creek       | 36 " the Terraces                 | 58 " Cobles                              |
| 15 King Harry Village        | 37 Potato Field (Tealing Tasters) | 59 Falmouth, Gathering Seaweed           |
| 16 " Ferry                   | 38 Trevenn Castle (Headland)      | 60 " Pendennis Castle from Naval Station |
| 17 Tregethnan View           | 39 Logan Rock, Land's End         | 61 " Entrance to Trefusis Wood           |
| 18 Road in Woods, Trellisick | 40 The Land's End                 | 62 " Moonlight                           |
| 19 Pond up the Creek         | 41 Armed Knight and Longships     |  |
| 20 Falmouth, from Pendennis  | 42 Newlyn, View in Harbour        |  |
| 21 " Market Street           | 43 " Beach and Penzance           |  |
| 22 St. Mow's Village         | 44 Mousehole and Harbour          |  |



## K Q

## LONDON, ANCIENT AND MODERN.

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- 26 Adelphi Gardens
- 27 " " The Old Water Gate
- 28 " " The Band Stand
- 29 " " and Hotel Cecil
- 30 Admiralty, from Whitehall
- 31 " New Offices
- 32 Albert Hall, Kensington
- 33 " Interior
- 34 Albert Memorial, Hyde Park
- 35 " Group, Europe
- 36 " " Asia
- 37 " " Africa
- 38 " " America
- 39 Alexandra Palace, Exterior
- 40 Austin Friars Dutch Church
- 41 Bank of England
- 42 Battersea Bridge
- 43 " Park
- 44 Blackfriars, Statue of H.L.M. the Queen
- 45 Blackfriars Bridge
- 46 Billingsgate Fish Market
- 47 Bow Street Police Court
- 48 The "Breeknock" (Public House)
- 49 British Museum, Exterior
- 50 British and Foreign Bible Society's House
- 51 Bridewell
- 52 British Museum, the Library
- 53 Buckingham Palace, Park front
- 54 Cannon St. Railway Bridge
- 55 " Station and Hotel
- 56 Charing Cross Station and Hotel
- 57 Charing Cross (Eleanor's Cross)
- 58 Charterhouse Square
- 59 Cheapside looking E., showing traffic
- 60 " S. Mary-le-Bow Church, Exterior
- 61 " " Interior
- 62 The last tree in Cheapside
- 63 Chelsea, Statue of Thomas Carlyle
- 64 " Carlyle's house
- 65 " Old Church
- 66 Clerkenwell, S. John's Gate
- 67 " Sessions House
- 68 Covent Garden
- 69 Crystal Palace, Exterior
- 70 " Interior
- 71 Crimea Memorial, Waterloo Place
- 72 Customs House, River Front
- 73 Doughty Street, Charles Dickens' House
- 74 Duke of York's Column
- 75 Earl's Court, The Great Wheel

- 76 Electric Railway, Oxford Circus Station
- 77 London United Electric Tramways, Ltd., New Electric Tram
- 78 Electric Tram, Overhead System
- 79 Euston Station, L.N.W. Ry. Terminus, Entrance
- 80 " The Great Hall
- 81 " " George Stephenson's Monument
- 82 " Train leaving
- 83 " Long-distance Train with two Engines leaving
- 84 " Interior of Railway Sorting Van
- 85 " Exterior of ditto, Cage open
- 86 " " " " shut
- 87 Fetter Lane, Old Houses
- 88 The Barbican ablaze on both sides of the street
- 89 Annual display of the Metropolitan Fire Brigade, October 18th, 1901
- 90 London Firemen at work. A rescue
- 91 Fire Station, Theobald's Road
- 92 Firemen going to a fire
- 93 Fish Street Hill, with Traffic
- 94 Fleet Street and Ludgate Hill
- 95 " " looking East
- 96 " " Wolsey's Palace
- 97 " St. Bride's Church
- 98 Foreign Office
- 99 " from St. James' Park
- 100 Fulham Palace
- 101 " " Entrance Gate and Clock Tower
- 102 " " The Grounds
- 103 " " Library
- 104 " " The Study
- 105 " " Dining Room
- 106 " " Drawing Room
- 107 Fulham Park, the Children's Playground
- 108 The General Post Office
- 109 The Ghetto: A Zionist Lecture in Yiddish
- 110 Great Central Railway Terminus, Interior
- 111 " " " Exterior and Hotel
- 112 Great Northern Railway Station, King's Cross
- 113 Greenwich Hospital
- 114 " " from the Park
- 115 " " Park
- 116 " " Hospital
- 117 " " Painted Hall, Interior
- 118 " " Great Chestnut Tree
- 119 " " Park Avenue
- 120 " " Sunset
- 121 " " Observatory
- 122 Guildhall, Exterior
- 123 " " Interior, Great Hall, looking East
- 124 " " " " looking West
- 125 High Holborn
- 126 Holborn, looking East
- 127 " Viaduct
- 128 " S. Sepulchre's Church
- 129 " Old Bell Tavern
- 130 " Bars, Old Houses
- 131 " Union, Gray's Inn Road
- 132 Holywell Street, looking East
- 133 " " " West
- 134 " " and Wych Street, E., entrances to, showing the "Shakespeare's Head"
- 135 Horselydown, Queen Elizabeth Schools
- 136 Horse Guards, Park front
- 137 Houses of Parliament (see set on page 395)
- 138 Houses of Parliament from the S.W.
- 139 Hyde Park, Botten Row
- 139 " Head of Serpentine
- 140 " Tropical Gardens
- 141 " Achilles' Statue
- 142 " Corner
- 143 Imperial Institute
- 144 India Office
- 145 Islington Municipal Baths
- 146 Kensington Gardens, The Fountains
- 147 " " Round Pond
- 148 " " Palace
- 149 Kew Gardens

## LONDON AND LONDON LIFE—Continued.

- 150 King's College, Strand  
 151 Kingsgate Street, Sairey Gamp's House  
 152 Lambeth Palace from the Lollards' Tower  
 153 " " Water Tower  
 154 " " Garden Front  
 155 " " Entrance  
 156 " " Chapel  
 157 " " Library  
 158 " " The Study  
 159 " " Drawing Room  
 160 " " Dining Room  
 161 " " The Corridor  
 162 " " from Bridge  
 163 " " Suspension Bridge  
 164 Lincoln's Inn, Old Gateway, A.D. 1558  
 165 " " Old Square  
 166 " " Chancery Court  
 167 London Bridge, showing traffic  
 168 London, from S. Paul's Cathedral, looking S.E.  
 169 London, Westminster, and Southwark in the  
 Olden Times, showing the City and its Suburbs  
 with the Churches, Monasteries, and all its  
 important buildings as they stood in the Reign  
 of Henry VIII. before the Reformation  
 170 London Bridge, looking towards the City  
 171 London Docks  
 172 The London Hospital  
 173 Lord Mayor's Show, State Carriage  
 174 " " Indian Trophy with 9 horses  
 175 Ludgate Hill, from St. Paul's  
 176 Mansion House  
 177 Marble Arch, Hyde Park  
 178 Marlborough House, Ext.  
 179 Memorial Hall, Farringdon Street  
 180 Metropolitan Tabernacle  
 181 The Monument  
 182 National Gallery from S. Martin's Church  
 183 Natural History Museum, Exterior  
 184 " " Interior, Statue of Darwin  
 185 Naval Volunteers' Training Ship H.M.S.  
 " Buzzard"  
 186 Newgate  
 187 Newgate Prison  
 188 " " Entrance  
 189 New Oxford Street  
 190 Oxford Circus  
 191 Paddington Station, G.W.R. Terminus, Exterior  
 192 Pall Mall, East  
 193 " " looking West  
 194 Park Lane  
 195 Parliament Street  
 196 The People's Palace  
 197 Piccadilly, looking East  
 198 Piccadilly Circus, showing Drinking Fountain  
 199 Pool of the Thames  
 200 The Pool of London  
 201 Putney Bridge  
 202 Queen Victoria Street  
 203 Record Office, The Domesday Book  
 204 " " The Domesday Book, 14th Cen-  
 tury Covers  
 205 " " The old chest the Domesday  
 Book was kept in  
 206 Reform Demonstration, 1884  
 207 Regent Street, instantaneous  
 208 " " Quadrant  
 209 Regent's Park  
 210 Royal Courts of Justice  
 211 Royal Exchange  
 212 " " General View, Interior  
 213 " " Mid-day meeting of Bankers  
 Inside  
 214 Royal Military Asylum, Chelsea  
 215 The Royal Mint  
 216 Entrance to St. Bartholomew's Hospital  
 217 St. George's Hospital  
 218 St. James' Palace, Exterior  
 219 " " Gate  
 220 St. James' Chapel Royal  
 221 S. James' Park, The Lake  
 222 " " Group of Swans  
 223 " " Children  
 224 " " Horse Guards' Parade  
 225 St. James' Park, Ornamental Water  
 226 " " Refreshment Stall  
 227 " " York Column  
 228 " " The Bridge  
 229 St. Olave's Church, Mark Lane  
 230 " " Altar, Pepy's and other  
 Monuments  
 231 " " S. Aisle and Pepy's Monu-  
 ment  
 232 S. Margaret's Church, Westminster  
 233 S. Pancras Station  
 234 " " M. Ry. Terminus, Exterior  
 235 " " " Interior  
 236 " " Train entering  
 237 St. Paul's Cathedral, Statue of Queen Anne  
 238 " " Old Swan Pier, &c.  
 239 " " from Waterloo Bridge  
 (see set on page 394)  
 240 Sardinia Street, Lincoln's Inn Fields  
 241 Scotland Yard  
 242 Shepherd's Bush Station, Central London  
 Railway  
 243 Smithfield, S. Bartholomew-the-Great Church,  
 Exterior  
 244 " " " Interior, looking East  
 245 " " " Interior, looking West  
 246 " " Martyrs' Memorial Tablet  
 247 " " Cattle Market  
 248 " " Meat Market  
 249 The Cattle Market, Rag Fair. "Bookworms"  
 250 " " Selling Donkeys,  
 "Who'll buy these for 30 bob each!"  
 251 Somerset House, Embankment  
 252 South Kensington Museum  
 253 " " Interior  
 254 Southwark, St. Saviour's Cathedral  
 255 " " Nave, looking E.  
 256 " " Choir, E.  
 257 " " W.  
 258 " " N. Aisle  
 259 " " Lady Chapel  
 260 Spurgeon's Tabernacle  
 261 Staple Inn  
 262 " " Garden  
 263 The State Barge (Maria Wood)  
 264 Statue of Robert Raikes, Thames Embankment  
 265 Statue of Lord Besant, Strand  
 266 Strand, looking East  
 267 Street Traffic at Elephant and Castle  
 268 Tahard Inn, Southwark  
 269 Temple Bar  
 270 Temple Bar Memorial  
 271 Thavies Inn, looking towards Holborn Circus  
 272 Thames Embankment, from Westminster Bridge  
 273 " " Looking towards Charing Cross  
 274 " " Cleopatra's Needle  
 275 " " Embankment from Blackfriars Bridge  
 276 " " River, looking towards Tower Bridge  
 277 " " Embankment, from Charing Cross  
 278 " " Waterloo  
 279 " " Drinking Trough  
 280 " " View at Blackfriars  
 281 " " Sailing Barge  
 282 " " Steamboat on Bank Holiday  
 (See set on page 350)  
 283 Tower of London, from Tower Bridge  
 284 " " from the River  
 The Tower (see set on page 397)  
 285 Tower Bridge  
 286 " " with Basque up  
 287 " " centre roadway  
 288 Trafalgar Square, S. Martin's Church  
 289 " " Nelson's Column  
 290 " " Base of Nelson's Column, and  
 Landseer's Lions  
 291 Victoria Station, Exterior  
 292 " " Interior  
 293 Waterloo Bridge, from the Surrey side  
 294 " " the span across the Embankment  
 295 Wellington Statue, Hyde Park  
 296 Westminster Abbey, Tomb of David Livingstone  
 297 " " Monument to Robert  
 Stephenson

## LONDON AND LONDON LIFE—Continued.

- 298 Westminster Abbey, Officers' Memorial  
 299 " " Ext. from Deans' Yard  
 300 " " North Door  
 301 " " Int., the Statesmen's Corner  
       (see set on page 393)  
 302 Westminster Bridge  
 303 " " and Hospital  
 304 " " Palace Yard, Day  
 306 " " Statue of Richard I.  
 306 " " Roman Catholic Cathedral  
 307 Wych Street, Old Houses  
 308 A dry dock  
 309 Balloon ascending  
 310 Road Traffic, Police directing traffic by Holborn  
       Town Hall  
 311 " " Regulating traffic by the Royal  
       Exchange  
 312 A London Brewery  
 313 Milk Barrows  
 314 " " Cart in Snow  
 315 Steam Roller  
 316 Water Cart  
 317 Christ Church, Newgate Street.  
 318 Covent Garden Vegetable Market.  
 319 G.P.O. Parcels Post Office, Arrivals and De-  
       partures.  
 320 G.P.O. Parcels Post Office, Customs Examina-  
       tions of Parcels.  
 321 Hampstead Heath, The Telescope on Parlia-  
       ment Hill.  
 322 " " Bank Holiday, General View on  
       the Heath.  
 323 " " The Crowd in the Vale of Health.  
 324 " " Crowd Watching the Pony  
       Racing.  
 325 " " The Coffee Stall.  
 326 " " Ice Cream Stall.  
 327 " " A Public-house.  
 328 " " Coconut Shies.  
 329 " " A Merry-go-round.  
 330 Holloway Prison.  
 331 India Docks, Grain Hoists at Work.  
 332 " " Looking Down.  
 333 St. Bartholomew's Hospital.  
 334 Stationers' Hall.  
 335 Thames Embankment Garden, Statue of the  
       Wrestler, No. 1 Front.  
 336 Thames Embankment Garden, Statue of the  
       Wrestler, No. 2 Front.  
 337 Thames Embankment Garden, Statue of the  
       Wrestler, No. 2 Side.  
 338 Tower of London, from Tower Hill.  
 339 Waterloo Bridge, from the Embankment.  
 340 Westminster, The Clock Tower.  
 341 " " St. Stephen's Porch.  
 342 Men "Receiving Tickets at the Labour Home.  
 343 Street Traffic, seen from St. Paul's Cathedral  
 344 A London Motor Omnibus.  
 345 Horse Trough.  
 346 Sheep for the London Market.  
 347 " " " "  
 348 " " " "  
 349 Albert Memorial from W.  
 350 " " E.  
 351 " " S.E.  
 352 Boadicea Statue.  
 353 " " Near View.  
 354 Coliseum, from Trafalgar Square.  
 355 Entrance to Constitutional Hill and Green  
       Park.  
 356 Duke of Cambridge's Statue, Whitehall.  
 357 " " Front View, looking towards  
       Trafalgar Square.  
 358 Exeter Hall.  
 359 Farringdon Road, looking N., from Holborn  
       Viaduct.  
 360 Holborn, looking E.  
 361 Holborn Viaduct, looking E.  
 362 Lincoln's Inn Fields, the Garden.  
 363 Lord Mayor at Temple Bar.  
 364 Ludgate Circus, looking E.  
 365 The New Bailey.  
 366 The Old Curiosity Shop.  
 367 Piccadilly, looking E., with Road up.  
 368 The Salvation Army Congress Hall, Strand  
       (since demolished).  
 369 Strand, looking E., showing Congested  
       Traffic.  
 370 Middle Temple, The Library from Fountain  
       Court.  
 371 Temple Gardens, Waiting for the Gates to  
       Be Opened.  
 372 Temple Gardens, Children at Play.  
 373 Thames, View from Lambeth Bridge, looking  
       towards Westminster.  
 374 Thames Embankment.  
 375 " " with Traffic.  
 376 " " "Outcast," Waif  
       Asleep on a Seat.  
 377 Tower Bridge, Large Steamer passing  
       Through.  
 378 Trafalgar Square, from N.E.  
 379 " " N. Side.  
 380 War Office, Whitehall.  
 381 Westminster Bridge from the River.  
 382 " " Hospital.  
 383 " " Old Palace Yard, from W.  
 384 " " N.W.  
 385 Congested Traffic, St. Paul's Churchyard,  
       looking W. (showing Street Decorations).  
 386 Regulating the Traffic in the Strand.  
 387 Traffic at the Elephant and Castle, London  
       Road Junction.  
 388 Traffic at the Elephant and Castle, Borough  
       Road Junction.  
 389 L.C.C. Electric Tramcar.  
 390 A Motor Omnibus.  
 391 Motor Cab Rank.  
 392 A Taximeter Cab.  
 393 Christ Church, Lancaster Gate  
 394 Marble Arch, showing recent improvement  
 395 The Government Offices, Whitehall  
 396 West Towers, near view, Westminster Abbey  
 397 Longfellow's Bust, Westminster Abbey  
 398 Westminster Hall, Exterior  
 399 Church House, Interior  
 400 Beaconsfield's Statue on Primrose Day  
 401 S. Clement Danes, Church, West Front  
 402 Law Courts, showing Footway from Carey Street  
       to Strand  
 403 S. Mary-le-Strand, West Front  
 404 Women Shelling Peas, Covent Garden  
 405 S. Paul's viewed from a height at Blackfriars  
       Bridge  
 406 Ludgate Hill, from Messrs. T. Cook's Offices  
 407 Fleet Street and Cook's Offices, from Ludgate  
       Circus  
 408 Fleet Street, from Ludgate Hill Railway Bridge  
 409 Trinity House, Tower Hill  
 410 Place of Execution, Tower Hill  
 411 London, from the Top of the Monument, looking  
       East  
 412 S. Paul's, from the Top of the Monument  
 413 The Heart of the Empire, from the Top of the  
       Royal Exchange  
 414 East Lane, Walworth, on a Sunday Morning  
 415 Clare Market, now demolished  
 416 Tomb of George Fox, died 1690, Founder of the  
       Quakers  
 417 Tomb of Mrs. Wesley, Mother of Charles and  
       John Wesley  
 418 Tomb of John Wesley  
 419 " " John Bunyan  
 420 " " Daniel Defoe  
 421 Newspaper Stall  
 422 A Shoeblick  
 423 A Brewer's Dray  
 424 A Hansom Cab  
 425 Newspaper Sellers

## ABF

THE LONDON DOCKS.

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- |    |   |    |   |
|----|---|----|---|
| 1  | General View, looking E.                                | 17 | Loading Barges off the Steam Packet.                        |
| 2  | " " W.  | 18 | Loading a Steam Packet with Rags.                           |
| 3  | The Entrance.   | 19 | The Bonded Warehouses.                                      |
| 4  | A Steamer just Arriving.                                | 20 | View of the Sheds.  |
| 5  | General View of a Waterway.                             | 21 | Interior of Wool Warehouse.                                 |
| 6  | A Lock.   | 22 | Loading Barge with Bales of Wool.                           |
| 7  | Vessel Waiting to go Through a Lock.                    | 23 | Unloading a Barge.  |
| 8  | The North Basin, General View.                          | 24 | Loading Barges with Sacks of Corn.                          |
| 9  | " " "   | 25 | Unloading Oranges.  |
| 10 | " " from Top of a Warehouse.                            | 26 | Loading Barges with Barrels of Oranges.                     |
| 11 | " " Steamer Sailing Out.                                | 27 | " " " "   |
| 12 | The South Basin, General View.                          | 28 | Loading a Barge with Stones, showing Donkey Engine at Work. |
| 13 | Steamers.   | 29 | Barge Laden with Kegs of Spirit.                            |
| 14 | General View of Steam Packets and Barge Laden with Hay. | 30 | Loading Barge with Kegs of Port Wine.                       |
| 15 | Steam Packet "Lock Broom" Waiting to Unload.            | 31 | Unloading Kegs of Port Wine.                                |
| 16 | The Deck of a Steam Packet.                             | 32 | Kegs of Port Wine outside the Wine Vaults.                  |
|    |   | 33 | " " " "   |
|    |   | 34 | " " " "   |

## KV

AMONG THE LONDON POOR.

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Italian Boy and Girl Musicians Playing for Money  
A Lady teaching a Ragged Sunday School Class  
A Ragged Little Crossing Sweeper  
A boy giving a Wolf Food in a Waiting-room at a Railway Station  
Ragged Children Feeding the Pigeons at St. Paul's in the winter with their own Food  
Little Street Flower Girl  
Saturday Night in the East End  
The Cats' Meat Man with his Barrow  
The Cobbler in his shop with Customer  
A Street Arab  
Street boys gambling on Sunday morning  
His First Offence. A young Street Arab in the Dock at the Police Court (from the picture by Mrs. H. M. Stanley—(Dorothy Tennant)  
A Boy Italian Organ Grinder with his Monkey  
A happy fireside Group. Children playing with kitten  
Ragged Boys bathing in a Pond  
A Ragged Newshawk and his Sister selling Papers  
St. James' Park. Children at play. A Slum Nurse  
The Little Mother  
Fishing for Tiddlers  
Fishing  
Their only playground, the Churchyard  
Woodchoppers, Smithfield  
Their First Sight of Ocean; a ragged children's picnic to the seaside  
Children at play in Fulham Park  
A child in a slum home  
A boy nurse  
A group of street boys with a baby
- 29 Cardboard Box Making In the Commercial Road, London  
30 A Tailor's Sweating Den in the East End of London
- London Street Studies.
- 31 "Hi!" (Hailing an omnibus)  
32 The Court adjourned for Lunch  
33 "Like Master"  
34 The Pavement Artist  
35 The Searchers  
36 The Organ Grinder  
37 Regent Street Shopping  
38 The Orange Woman  
39 The hour before daybreak  
40 Outside the Hospital  
41 Flower Sellers  
42 The Old Matchwoman  
43 Distributing newspapers from a cart  
44 Boys selling newspapers  
45 A Street orderly  
46 A Street hawker  
47 Banana stall  
48 Woman with fruit stall  
49 Flower-sellers, Piccadilly Circus  
50 A boot black  
51 Ice cream vendor  
52 Reed player  
53 Sandwich man  
54 A blind hegger  
55 A street arab  
56 Hop-pickers leaving London Bridge at midnight  
Sept 1, 1900  
57 On the Thames Embankment. Dinner-time  
58 " " " " " An Apple Woman

This Series is being continually added to.

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- 3 View of the Abbey from the North
- 4 The Nave, looking West, with the Pulpit
- 5 The Nave looking West, along the Choirs, from the Triforium
- 6 Interior Views in the Triforium
- 7 Section of the Triforium, with differing Ornamentation
- 8 Triforium across the Choir; the Diaper Work on the Wall facing
- 9 The Nave, looking East
- 10 The Screen: Monuments to Newton and Stanhope
- 11 The Choir, looking East
- 12 The Choir Stalls, looking West
- 13 The North Choir Aisle, with Monuments and Wall Decoration
- 14 South Aisle of the Nave, looking West
- 15 The Abbot's Pew: Monuments to Congreve and others
- 16 Wall Arching, with the Fawcett Memorial
- 17 North Aisle of the Nave, looking West
- 18 The North Transept, looking South, from the Lower Gallery
- 19 West side of the North Transept: Monuments to Mansfield, Chatham, Palmerston, etc.
- 20 East side of the North Transept: Monuments to Canning, Beaconsfield, etc.
- 21 Interior of the Chapels of S. Andrew, S. Michael, and S. John the Evangelist: with several Monuments [gale]
- 22 Roubiliac's famous Monument to Lady Nightingale
- 23 Islip's Chapel, Exterior View
- 24 Wax Figure of Queen Mary [1268]
- 25 The Reredos
- 26 Mosaic Pavement laid down by Abbot Ware, A.D.
- 27 The North Ambulatory: the Tombs of Aymer de Valence and Richard Crouchback
- 28 Interior of the Chapel of Edward the Confessor: his Tomb and that of Henry III.
- 29 The two Coronation Chairs, State Sword, etc., with Ancient Stone Screen
- 30 Chapel of S. John the Baptist: Tomb of the Earl of Essex
- 31 Chapel of S. Paul, James West's Colossal Monument, and others
- 32 Henry VII's Chapel: the Choir Stalls with Banners of the Knights of the Garter
- 33 The Roof of Henry VII's Chapel
- 34 Doors in Henry VII's Chapel, opening on the Ambulatory, with Ancient Font
- 35 Tomb of Henry VII. and his Queen
- 36 North Aisle of Henry VII's Chapel, Tomb of Queen Elizabeth, etc.
- 37 Monument to Dean Stanley
- 38 South Aisle of Henry VII's Chapel, Tomb of Mary Queen of Scots, etc.
- 39 Chapel of S. Nicholas: The Percy Monument
- 40 View over the Screen of S. Nicholas Chapel of Henry V's Chantry: with Monuments
- 41 St. Edmund's Chapel: Tombs of William de Valence and the Earl of Shrewsbury
- 42 Tomb of Edward III. in the South Ambulatory
- 43 Tomb of King Sebert, 1308, died 616
- 44 The South Transept, as seen from the Triforium
- 45 South Transept: Poets' Corner: Monuments to Chaucer, Spenser, Milton, etc.; Graves of Tennyson, Dickens, etc.
- 46 Chapel of St. Blaise, South Transept: monuments to Shakespeare, Burns, etc.
- 47 Monuments on the east side of the South Transept, to Handel, Garrick, and numerous others
- 48 Chapel of S. Faith
- 49 View across the Transepts looking N.E.
- 50 The North Cloister
- 51 The East Cloister. Entrance to Chapter House, Norman work beyond
- 52 View of the West Towers and the Deanery from the Cloisters
- 53 Front view of the entrance to the Chapter House
- 54 Interior of the Chapter House: the entrance
- 55 " " " Central Pillar and stained glass windows
- 56 The South Cloister
- 57 Exterior view of the south end of the Transept from the Cloisters
- 58 The Abbot's Courtyard
- 59 The Jerusalem Chamber, interior view
- 60 View of the West front of the Abbey, with S. Margaret's Church and the Clock Tower
- 61 Wax Figure of Queen Elizabeth
- 62 " " Charles II.
- 63 " " Duke of Buckingham
- 64 " " William III.
- 65 " " Nelson
- 66 Tomb of Queen Eleanor, Iron Grill, and Henry V's Chantry (chapel)
- 67 " " Effigy
- 68 " " Archbishop Langham
- 69 " " Henry III.
- 70 Crowned Figure in niche of Henry VII's Tomb
- 71 Ecclesiastical " " " " "
- 72 The De Vere Monument
- 73 Monument to Pitt, Earl of Chatham
- 74 " Captains Bayne, Blair, and Lord Robert Manners
- 75 " Viscount Castlereagh, Second Marquis of Londonderry
- 76 " William Wilberforce
- 77 " Sir Thomas Fowell Buxton, and Tablet to W. E. Forster
- 78 " Sir Robert Peel
- 79 " Viscount Palmerston
- 80 " Sir Rowland Hill
- 81 " Sir John Franklin
- 82 " the three Cannings
- 83 " Major-General Sir John Malcolm
- 84 " Lord Beaconsfield
- 85 " Sir Isaac Newton
- 86 The Wesleys' Monument
- 87 The Altar Piece [minster]
- 88 The Guards' Monument, the Sanctuary, West-
- 89 The Statesmen's Corner
- 90 The North Door
- 91 The Abbey from Deans' Yard

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- 8 Fountain Court and Picture Gallery.
- 9 Cloisters, Fountain Court.
- 10 East Front.
- 11 South Front.
- 12 Queen Anne's Bow.

## K U

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- 2 " " " from S.E.
- 3 " " " " N.E.
- 4 " " " " Cheapside, shewing Statue of Peel
- 5 " " " " Dome from N.E. portion of garden
- 6 " " " " North Porch from the Churchyard
- 7 Interior, Nave, looking East
- 8 The Choir, looking East
- 9 The Reredos, near view
- 10 Nave, looking West, from the Reredos
- 11 South Aisle, looking East
- 12 North-west Chapel, looking East
- 13 Jesus Chapel, showing Communion Table
- 14 The Crypt, looking East
- 15 " " Aisle, showing Wren's and other Monuments
- 16 " " Nelson's Tomb
- 17 " " Wellington's Funeral Car
- 18 " " Monument to F. M. Hall, R.A.
- 19 " " " Randolph Caldecott
- 20 Monument to Lord Nelson

- 21 Monument to Lord Cornwallis
- 22 " " Lord Collingwood
- 23 " " Sir Joshua Reynolds
- 24 " " J. M. W. Turner, R.A.
- 25 " " General Gordon
- 26 " " The West Middlesex Regiment
- 27 " " Duke of Wellington
- 28 " " Lord Howe
- 29 A corner of S. Transept, showing Monument to Sir John Moore
- 30 Monument to Canon Liddon
- 31 " " Dean Donne
- 32 " " Bishop Bloomfield
- 33 " " Dean Milman
- 34 " " Bishop Jackson
- 35 The Library
- 36 Under the Dome. Interior looking E.
- 37 View from the top of the Dome
- 38 Interior. Nave looking E. Sunlight effect
- 39 The Cathedral Exterior from Bankside
- 40 The Cathedral Exterior from Waterloo Bridge
- 41 " " " from Ludgate Corner

## New Series.

## Monuments of.

- 42 Artists' Corner
- 43 Sir Edwin Landseer
- 44 Sir W. H. Russell, War Correspondent
- 45 Sir Harry Parkes, Pioneer of Civilisation in China and Japan
- 46 Sir John Macdonald, Prime Minister of Canada
- 47 Lord Lytton, Gov.-Gen. India
- 48 Lord Mayo, Gov.-Gen. India
- 49 Sir Henry Lawrence, Hero of Lucknow
- 50 Gen. Lord Heathfield, Hero of Gibraltar
- 51 Princess Louise's Sculpture to 4,200 Colonials who died in S. Africa War
- 52 Sir Ralph Abercromby
- 53 Sir Astley Cooper, Physician
- 54 Howard, the Philanthropist
- 55 Dr. Samuel Johnson

- 56 Sir William Jones, Translator of the Sacred Books of the Hindus
- 57 Sir Arthur Sullivan
- 58 William and Frederick Viscounts Melbourne
- 59 General William Napier
- 60 General Charles Napier
- 61 General Sir Wm. Ponsonby
- 62 General Sir Thomas Picton
- 63 Admiral Lord Duncan
- 64 Admiral Lord Rodney
- 65 John Martin, 1680
- 66 Admiral Lord St. Vincent
- 67 Lord Leighton
- 68 Hallam, Historian
- 69 Lord Lyons
- 70 Bishop Heber's Monument

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- 7 The Master's House
- 8 The Temple Church
- 9 " " " The Porch
- 10 " " " Interior, looking East
- 11 " " " " " West
- 12 " " " " " West
- 13 North Aisle and Organ, looking N.E.
- 14 The Communion Table
- 15 The Round
- 16 The Monuments, &c., Ross
- 17 " " " Knight Crusader

- 18 The Monuments, The Sir Geoffry de Magnaville, Earl of Essex, and Edgwy of a Knight
- 19 " " William Mareschal the Younger, Earl of Pembroke, and William Mareschal the Elder
- 20 " " Knight Crusader, and Gilbert Mareschal
- 21 Exterior of Gallery round the Dome, showing the Norman Pillars and Arches
- 22 Tomb, Martin Monument in the Gallery
- 23 Tombs and Monuments in the Gallery
- 24 The Cell in the Wall of Staircase
- 25 The Temple Library
- 26 " " Cloisters
- 27 " " Crown Office Row
- 28 " " King's Bench Walk
- 29 " " The Clock Tower

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## K V

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- 1 Houses of Parliament, Front from the river
- 2 Parliament Square, shewing the Clock Tower
- 3 Victoria Tower
- 4 House of Lords, looking towards the Throne
- 5 " " from the Throne
- 6 " " The Throne
- 7 " " Staircase and Corridor
- 8 " " The Lobby
- 9 " " The Library
- 10 " " The Map Room
- 11 " " The Dining Room
- 12 " " The Royal Gallery
- 13 " " The Norman Porch
- 14 The King's Robing Room, looking towards the Throne
- 15 " " " from the Throne
- 16 Statue of the Queen in the Princess' Chamber
- 17 The Moses Room
- 18 St. Stephen's Hall, Interior
- 19 " " The Crypt
- 20 " " Statue of Clarendon
- 21 " " John Hampden
- 22 " " Selden
- 23 " " Walpole
- 24 " " Earl of Chatham
- 25 " " Pitt
- 26 " " Grattan
- 27 " " Burke
- 28 " " Fox
- 29 " " Mansfield
- 30 " " Somers
- 31 " " Falkland

- 32 Westminster Hall, Interior
- 33 " " Statue of Queen Mary
- 34 " " James I.
- 35 " " Charles I.
- 36 " " Charles II.
- 37 " " William III.
- 38 " " George IV.
- 39 " " William IV.
- 40 House of Commons, looking towards Speaker's Chair
- 41 " " The Speaker's Chair
- 42 " " The Corridor
- 43 " " The Division. Ayes' Lobby
- 44 " " East Cloisters, Members' Cloak Room
- 45 " " South Cloisters, Members' Cloak Room
- 46 " " The Oratory, now Members' Smoking Room
- 47 " " The Members' Reading Room
- 48 " " The Lobby
- 49 " " The Ministers' Dining Room
- 50 " " The Members' Dining Room
- 51 " " The Kitchen
- 52 " " The Library
- 53 " " The Map Room
- 54 " " The Central Hall
- 55 Bust of Lord Randolph Churchill
- 56 " " Oliver Cromwell
- 57 Houses of Parliament from Whitehall

- 58 The Premier (Rt. Hon. H. H. Asquith).
- 59 The Speaker (Rt. Hon. J. W. Lowther).
- 60 The Speaker's Wife (Mrs. Lowther).
- 61 The Speaker's House, from the Terrace.
- 62 " " from the Bridge.
- 63 The Speaker's Messenger.
- 64 The Chairman of Committees (A. Emmott).
- 65 The Clerk of the House (Sir C. P. Ilbert).
- 66 The Serjeant-at-Arms (H. D. Erskine).
- 67 The Chaplain in his Robes (Archdeacon Wilberforce).
- 68 Rt. Hon. Winston Churchill.

- 69 Rt. Hon. D. Lloyd-George.
- 70 Rt. Hon. L. V. Harcourt.
- 71 Statue of Gladstone in Lobby.
- 72 " Harcourt in Lobby.
- 73 " Oliver Cromwell outside Westminster Hall.
- 74 The Ladies' Gallery (S. Begg).
- 75 The Ladies' Dining Room.
- 76 The Members' Smoking Room.
- 77 Committee Room XV.
- 78 Policeman in the Lobby.
- 79 The Terrace.

For Set on the History of Politics and Politicians, see page 250.

## X H

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- 14 " The White Drawing Room
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- 17 " The Royal Closet

- 18 Buckingham Palace, Green Drawing Room
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| 3 The Court of Honour from the Boat steps                             | 33 " Palace  |
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| 7 Cascade and Front of Congress Hall                                  | 37 Tudor House   |
| 8 Illuminations of Cascade and Congress Hall                          | 38 Bovril Castle Pavilion                                  |
| 9 Congress Hall and Lagoon  | 39 Renard's Road Train                                     |
| 10 Administration Building  | 40 Irish Village, BallymacClinton, Entrance                |
| 11 French Court and Café  | 41 " " Interior, Market Cross                              |
| 12 Palace of French Applied Arts and Southern Lagoon                  | 42 " " Cottages  |
| 13 Palace of French Applied Arts from the Gardens                     | 43 Algerian Pavilion                                       |
| 14 Palace of British Applied Art                                      | 44 Senegalese Village, Entrance                            |
| 15 Canadian-Pacific Railway Pavilion                                  | 45 " " Interior, Tailor's Hut                              |
| 16 Pavilion Delicieux   | 46 " " Pond and Diver                                      |
| 17 Canadian Palace, Exterior  | 47 The Stadium, photographed from the Flip-Flap in mid-air |
| 18 " " Interior   | 48 Marathon Race, the Crowd in the Stadium                 |
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| 20 Australian Palace  | 50 Coolies and Rickshaws                                   |
| 21 " " Interior. The Wool Exhibit,                                    | 51 Schweppe's Pavilion                                     |
| 22 New Zealand Pavilion [Queensland Section]                          | 52 Liebig's Pavilion                                       |
| 23 " " Interior   | 53 Weh's Glass Works and Band Stand in Central Circus      |
| 24 Eastern Sports, Enclosure. Camel and Attendants                    | 54 The Central Band Stand and Grand Restaurant             |
| 25 " " An Elephant Ride   | 55 Elite Gardens   |
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| 63 Ville de Paris                               | 84 Messrs. Burgoyne's Wine Pavilion  |
| 64 Grand Restaurant                             | 85 <i>Daily Mail</i> Pavilion  |
| 65 The Court of Honour                          | 86 India, The Arena. Man Walking up a Pole carrying Water Pots                       |
| 66 " " " Night, Illuminations                   | 87 " " Acrobats  |
| 67 " " " " " General View                       | 88 " " Interior, with Elephants, &c.   |
| 68 Palais des Colonies                          | 89 " " The Market at Madras  |
| 69 Canada Pavilion, Exterior                    | 90 Ceylon Village, Interior  |
| 70 " " Interior                                 | 91 Algeria Pavilion  |
| 71 New Zealand Pavilion, Interior, Meat Exhibit | 92 Senegalese Village, Interior  |
| 72 " " " "                                      | 93 Imperial Sports Club  |
| 73 Decorative Arts Palace                       | 94 Canadian Toboggan   |
| 74 Palace of British Applied Art                | 95 Mountain Slide  |
| 75 " " French                                   | 96 Eastern Sports  |
| 76 " " Women's Work                             | 97 The Flip-Flap, Side View  |
| 77 " " " "                                      | 98 " " in Vertical Position  |
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| 80 Hall of Machinery                            |  |
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## KX

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| 3 " " and Causeway  | 24 Governor's Walk between Beauchamp and Bell Towers                        | 41 Corridor leading to the Norman Chapel   |
| 4 " " Change of Guard                                       | 25 Bell Tower, Int. Passage with inscription                                | 42 S. John's Chapel, Nave  |
| 5 Moat Battery and Beauchamp Tower, Tower Wall              | 26 View from a window in Bell Tower showing Raleigh's Walk, etc.            | 43 " " Side Aisle  |
| 6 Byward Tower  | 27 Beauchamp Tower, Tower Green   | 44 Armour of "Robert Dudley, Earl of Leicester, 16th century                           |
| 7 " " from Tower  | 28 Beauchamp Tower, Interior with inscriptions                              | 45 Armour, 17th century  |
| 8 Byward Tower, Back View                                   | 29 Place of Scaffold, with Tower of S. Peter-and-Vincent                    | 46 Pickemen, time of Charles II.   |
| 9 " " Cannon and Sentry at Gate                             | 30 S. Peter's Church, Interior, looking E.                                  | 47 Armour, Group; time of Henry VIII.  |
| 10 Bloody Tower, Wakefield Tower, and Raleigh's Walk        | 31 S. Peter's Church, Int., Graves of Headless Bodies in front of the Altar | 48 Figure of James II. in the armour said to have been worn at the Battle of the Boyne |
| 11 Traitors' Gate   | 32 S. Peter's Church, Interior, Monument to Sir Michael Blount              | 49 Standing figure, John of Gaunt, 7 ft. high  |
| 12 Bloody Tower, Gateway                                    | 33 White Tower from Raleigh's Walk  | 50 Beheading Axe and Block upon which Lords Balmerino, Kilmarnock, and Lovat suffered  |
| 13 " " inside, "showing Traitors' Gate                      | 34 Martin Tower   | 51 Lanthorn Tower, View of Outer and Inner Ward  |
| 14 The Regalia  | 35 Parade and Barracks  | 52 Bell Tower, Queen's House, and Byward Tower   |
| 15 Old Cannon on Tower Green                                | 36 White Tower, from the S.E.   | 53 Ramparts and Towers from Cradle Tower   |
| 16 Tower Bridge from Tower Green, old mortars in foreground | 37 Sir Walter Raleigh's Cell  | 54 Tower Bridge from Wharf   |
| 17 Queen's House, Tower Green                               | 38 Place of Torture, Entrance to "Little Base"                              | 55 Lanthorn and Cradle Tower   |
| 18 Group of Warders, May-day Inspection                     |   | 56 Looking up the Tower  |
| 19 Yeoman Porter in front of Guard Chamber                  |   |  |
| 20 Yeoman Jailor and Yeoman Porter                          |   |  |
| 21 A Warder   |   |  |

## KY

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| 2 Blackfriars Bridge                   | 35 Ponton Hook, shewing Lock            | 69 " " White Hart, shewing Bridge                  |
| 3 Westminster Bridge                   | 36 Staines, with Bridge in distance     | 70 Mabledon Lock and Weir                          |
| 4 Lambeth Bridge                       | 37 Tim's Island, shewing Boat-house     | 71 Whitechurch Bridge                              |
| 5 Fulham Church Tower (Vignette)       | 38 Bell Lock, The Angler's Rest         | 72 Pangbourne Weir                                 |
| 6 Hammersmith Bridge and Pier          | 39 Old Windsor Lock, shewing Tow-path   | 73 " " below                                       |
| 7 Kew, shewing Bridge in distance      | 40 Albert Bridge                        | 74 " " above Bridge                                |
| 8 Isleworth, shewing the old Church    | 41 " " and Datehet Bridge               | 75 " " Wharf                                       |
| 9 Royal Head Ferry                     | 42 Eton " Lock, shewing Eton College    | 76 Goring Lock                                     |
| 10 Richmond, below Bridge              | 43 Eton College                         | 77 Streatley Bridge                                |
| 11 Richmond, above Bridge              | 44 Maidenhead, from the river           | 78 " " and Goring Weir                             |
| 12 Glover's Island, with Boat-house    | 45 Windsor, in the distance             | 79 Clive Lock                                      |
| 13 Eel Pie Island                      | 46 Boveney Lock. Bridge in distance     | 80 " " Weir  |
| 14 Twickenham looking across the river | 47 Monkey Island, below Bridge above    | 81 Wallingford, shewing Bridge and Churob          |
| 15 Teddington Lock                     | 48 " " Maidenhead, with Bridge          | 82 Abingdon, below Bridge                          |
| 16 Kingston, shewing Bridge and Church | 49 Boulter's Lock                       | 83 " " above Church in distance                    |
| 17 Messenger's Island, with Hotel      | 50 Cockham Railway Bridge               | 84 Nuneham Park, with Bridge                       |
| 18 Thames Ditton, shewing Church       | 51 Great Marlow, Weir and boat-house    | 85 Sandford Lock, shewing Mill                     |
| 19 Thames Ditton, above                | 52 " " Church & Bridge                  | 86 " " Mill  |
| 20 Hampton Court Bridge                | 53 " " Mill and Lock                    | 87 Rose Island, with house                         |
| 21 Hampton Court Palace, river front   | 54 " " Weir and Church                  | 88 Ifley Lock                                      |
| 22 Molesey Weir                        | 55 " " Church                           | 89 Clasper's Boat-house & Bridges                  |
| 23 Hampton, shewing Molesey Weir       | 56 Bisham Abbey, facing the river       | 90 State Barges at Oxford                          |
| 24 Sunbury below Lock                  | 57 Temple Lock                          | 91 Salter's Barges at Oxford                       |
| 25 " " Lock                            | 58 Medmenham Abbey                      | 92 From Folly Bridge. Boat-house and landing stage |
| 26 " " Weir                            | 59 Hambledon Lock                       | 93 Burnham Beeches                                 |
| 27 Walton. Bridge in distance          | 60 Henley Regatta Island                | 94 " " The Lover's Walk                            |
| 28 Walton and Halliford                | 61 " " Bridge and Boat-house            | 95 On the Thames nr. Gt. Marlow                    |
| 29 Shepperton Lock, shewing Church     | 62 " " Quay, shewing Bridge and Church  | 96 Medmenham Abbey                                 |
| 30 Shepperton, shewing Boats           | 63 Marsh Lock and Bridge                | 97 On the Thames near Henley                       |
| 31 Chertsey, shewing the Bridge        | 64 " " Weir, Bridge in distance         | 98 " " Church in the distance                      |
| 32 " " Bridge                          | 65 Sonning Bridge                       | 99 Sonning-on-Thames                               |
| 33 " " Weir                            | 66 Caversham Bridge                     | 100 Wargrave Church                                |
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3	"	View from the Bridge		"	Bridge and	125	"	Lakes (looking down)
4	"	In the Glen		"	Stream	126	"	Upper Lake
5	"	The Bridge	65	"	Stream	127	"	Looking up the Pass
6	Aberglaslyn.	Pass with Pont	66	"	View of	128	"	In the Pass
		Aberglaslyn	67	"	Nearer view	129	"	" general view
7	"	Pass	68	"	Miner's Bridge	130	Llandudno.	Beach
8	"	from Stream	69	"	Miner's Bridge from	131	"	from the Great Orme
9	"	Pont Aberglaslyn		"	opposite side	132	"	The Great Orme
10	"	nearer View	70	"	Old Church	133	"	The Happy Valley
11	"	from side stream	71	"	Banks of the Lledr	134	Llanrwst Falls	
12	"	Cottage	72	"	Pont-ar-Lledr	135	Menai Straits,	Tubular Bridge
13	Arthog.	Part of Village	73	"	Waterloo Bridge	136	"	Suspension Bridge
14	"	The Estuary	74	Cader Idris,	from above Arthog	137	"	" nearer view
15	"	Hall and Grounds	75	"	Hill above Barmouth			
16	"	Stream, &c.	76	Capel Curig.	Lakes	138	Moel Siahod,	near Capel Curig
17	"	Tennis	77	Chester.	S. Mary's Chapel	139	Nant Ffranceon	
18	"	Afternoon Tea	78	"	"The Old Crypt"	140	"	Head of, Tryfan,
19	"	Cottage	79	Conway River	from Castle	141	"	Falls [etc.
20	"	In the Glen	80	"	from the West (Walls	142	"	Llyn Idwal
21	"	" Upper Falls	81	"	Bridges from Castle Walls	143	Penmaenmawr,	Part of Village
22	"	" Lower "	82	"	from the River	144	"	" and
23	"	In the Upper Glen	83	"	Castle			Moel Llys
24	Barmouth.	North End	84	"	from Suspension	145	"	from Sea Front
25	"	from hill side		"	Bridge	146	"	Group
26	"	The Old Posting house	85	"	from the East	147	"	Dwygyfelwyh Village
27	"	Old Part of Village	86	"	Courtyard	148	"	Conway Mountain
28	"	" opposite side	87	"	" shewing			from Juhilee Walk
				"	turrets	149	"	Schychnant
29	"	The Bridge	88	"	Walls			Pass, No. 1
30	"	from the Island	89	"	Plas Mawr	150	"	Schychnant
31	"	Boatmen	90	Cwm-Bychan	Lake			Pass
32	"	Estuary from above	91	"	View at	151	"	No. 2
		Barmouth	92	"	Falls on the Way			Entrance to Fairy
33	"	Valley near Panorama	93	"	Roman Steps	152	"	Glen
		Walk	94	"	View from Top of			Bridge over
34	"	View from Panorama		"	Roman Steps			Stream
		Walk at low tide	95	Dolgelly.	Cottages, oldest in	153	"	Waterfall
35	"	View from Panorama		"	Village	154	"	Lower Fall
		Walk	96	"	Pandy Mill	155	"	Clouds. No. 1
36	"	Sea View, "Rough	97	"	Entrance to Torrent	156	"	No. 2
		Morning"	98	"	Walk	157	"	No. 3
37	"	Breaking waves, show-	99	"	In the Torrent Walk	158	"	No. 4
		ing Bridge and Stream	100	"	The Bridge	159	"	No. 5
38	"	Incoming tide	101	"	The Fall	160	"	No. 6
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40	"	Entrance	103	"	Commencement of Pre-	162	"	" Traction
41	Beddgelert.	Village		"	cipice Walk [Walk			Engine and Men
42	"	from the River	104	"	Estuary from Precipice	163	"	Slate Quarries. Quarry-
43	"	" North		"	Looking toward Tyn-y-			men at Work
44	"	Llewellyn's House		"	Groes from Precipice	164	"	Bridge erected on Visit
45	"	The River		"	Walk			of H.R.H. the
46	"	The wooden bridge	105	"	The Precipice Walk			Prince of Wales
47	"	The Bridge	106	"	Lakenear Precipice Walk	165	"	Ditto
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49	"	" shewing Mill	108	"	Tyn-y-Groes Hotel	167	"	The Waterfall
50	Bettws-y-Coed.	Pont-y-Pair	109	"	River at Tyn-y-Groes	168	"	Pine trees
51	"	" Bridge	110	"	" shewing Bridge	169	Rhuddlan Castle	
52	"	nearer view	111	"	Falls near Tyn-y-	170	Rhyl	
53	"	View near		"	Groes	171	Tal-y-Llyn	
		looking up Stream	112	"	Stream, Tyn-y-Groes	172	"	The Stream
54	"	From below	113	"	With waterfall	173	"	Bridge
55	"	Royal Oak Hotel	114	"	On the Dolgelly Road	174	"	Lake with boats
56	"	Stream from Bridge	115	Harlech Castle,	general view	175	"	Falls near
57	"	Swallow Falls (Upper)	116	"	from the road	176	"	A turn in the road
58	"	" Falls (Lower)	117	"	House on the Road	177	"	The Bird Rock
59	"	River from Falls	118	Lake Crafant,	near Llanrwst	178	Tan-y-Bwlch (Capel Curig)	
60	"	Farm House	119	"	from Upper End	179	"	Falls
61	"	Falls of Conway	120	Llanbedr Church		180	"	River
62	"	Double Bridge over	121	Llanheris.	Slate Quarries	181	"	Hotel, shew-
		the Machno	122	"	Snowdon from Quarries			ing Bridge

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3 " " Houses in distance	75 " " " Path on Hill	151 " No. 2
4 " " " at low tide	76 " " Cedar-tree planted by H.M. Queen Victoria	152 " No. 3
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9 " Falls	81 " " Castle, The Avenue	157 " A Peep of
10 " " Hillside View, showing Path	82 " " Oban	158 Loch Lomond, General View
11 " " Hillside, showing lake at foot	83 " " Dunstaffnage Castle, Loch Etive	159 " showing Island
12 " Monument to Black Watch	84 Edinburgh. Doorway of St. Thomas's Church	160 " from Rowan-
14 Ayrshire Farm Threshing seed	85 " Black Watch	161 " On (denon)
15 " Cattle	86 " Mons Meg's Big Gun	162 " At the Head of
16 " Young Clydesdale Stallion	87 " Black Watch starting for Egyptian Campaign	163 " Tarhet
17 Argyll, stream at Melfort	88 " Castle from Grassmarket	164 " Cottages, Tarbet
18 Balnacarra Hotel	89 " Holyrood Palace, and Arthur's Seat	165 Loch Long. On
19 Ben A'n. Lochiel Hotel [Big	90 " " Scott's Monument	166 " End of [Arrochar
20 Ben Arie and Loch Garbh-	91 " Falls of the Clyde, Cora Linn	167 " s.s. Chancellor, off
21 " from Rhiconich	92 " " Wallace's Caves	168 " Arrochar
22 Braemar. The Queen's Grounds	93 " " Tummell	169 Loch Lomond, Luss from Pier
23 " In Queen's Walk	94 " (nearer view)	170 " Trees, &c.
24 " " showing edge of path	95 " Path near the Tummell	171 Loch Maree. Victoria Stone
25 " " Lake in Queen's	96 Glasgow Cathedral	172 " Hotel
26 " General View [Walk	97 " University, Ext.	173 " Rocks
27 " Invercauld Arms	98 " Municipal Buildings	174 " " with road
28 " River Dee and Invercauld House	99 " In Glen Achray	175 Loch Pearns (Melfort)
29 " Bridge	100 " " and Ben An	176 Loch Tay and Ben Lawers, from near Aberfeldy
30 " Bridge at Lyn of Dee	101 " " Pass of	177 Map of Braemar
31 " Lyn of Dee	102 " The Sisters	178 " the Caledonian Canal
32 " The Dee	103 " Cottage	179 " Callendar & the Trossachs
33 " " near view	104 " Glengarry. Caledonian Canal	180 " the Clyde
34 " Invercauld Bridge	105 " In Glen Garry	181 " the Isle of Arran
35 " At Garrawalt	106 " Glen Shiel	182 " Loch Lomond
36 " Wood at Garrawalt, No. 1	107 " " nearer view	183 " Scotland
37 " Wood at Garrawalt, No. 2	108 " " showing lake	184 Melfort (Oban). In the Pass
38 " Garrawalt Falls	109 " " Path by lake	185 " The Pass
39 " Glen Clunie	110 " " Village	186 " " Waterfall
40 " Clunie Bridge	111 " Head of Loch Duich	187 " " Falls at
41 " Clunie Inn	112 " Scotch Cabin	188 Melrose Abbey, on Tweed, Day
42 " Cogremulzee Falls	113 " Inn	189 " Border Castle, No. 1
43 " Lyn of Quoich	114 " Glen Tilt, near Blair Atholl	190 " Border Castle, No.
44 " Bridge at Lyn of Quoich	115 Hawthornden	191 Oban. Landing-place
45 Caledonian Canal. Fort Augus-	116 Holyrood Palace Chapel, Int.	192 " Sunset from, over
46 Callander Bridge [tus	117 " showing Bed of Mary Queen of Scots	193 " Sound of Mull
47 " Hotel	118 " " "	194 " The Bay, No. 1
48 " Blacklin	119 Highland Calves	195 " The Bay, No. 2
49 Church of Iona	120 Invergarry Bridge	196 " Hotel
50 " The Nunnery	121 Inverness	197 Pitlochrie. Near the Confluence of the Gang and Tummell
51 " McLean's Cross	122 " " Castle	198 " " Hydropathic
52 Dryburgh Abbey, General View	123 " " Cathedral and river	199 " Fletcher's Hotel [1446
53 " Tomb of Sir Walter Scott	124 " " looking N.W.	200 Rosalyn Chapel, founded A.D.
54 Dunkeld. On the Tay	125 " " West entrance	201 Rhiconich Hotel and Loch
55 " from Cathedral Tower	126 Inversnaid Lower Falls, Loch	202 " Moor near [Insh
56 " from the Bridge	127 " Falls [Lomond	203 Skye. s.s. Islay
57 " Cathedral, Ext. from S.W.	128 " " Falls above	204 Staffa. General View
58 " " nearer view	129 " " from Bridge	205 " Basaltic Rocks
59 " The Cathedral nave, looking W.	130 " " above the Falls	206 " The Herdsman's Isle
60 " The Cathedral, interior	131 Iona	207 " " nearer view
61 " At Hermitage Bridge, No. 1	132 " Cathedral	208 " Colonade
62 " " view from above	133 " " Exterior from S.W.	209 " Clamshill Cave
63 " " view from side of	134 " Crypt	210 Stirling Castle, Fifth of Forth
64 " " Falls [bridge	135 " " Nave looking E.	211 " " Guard 92nd
65 " " " nearer view	136 " Cathedral and Chapel	212 " " Highlanders
66 " At Hermitage Bridge,	137 " Chapel, Doorway	213 Strome. Ferry
67 " Rumbling Bridge [No. 2	138 Kelso	214 " Hotel and Cottage
68 " " Upper Falls	139 Killiecrankie. In the Pass	215 Taymouth Castle, Loch Tay
69 " " Lower Falls	140 " The Soldiers' Leap	216 " " Loch Tay
70 " " Falls near	141 Kinklochewe (near Loch Maree)	217 " " nearer view
71 " " Gorge at Bridge	142 " Hotel	218 " Entrance
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NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes



## LG

## PARIS.

Beautifully Painted Views, 5s.; Plain Slides, 1s. each.

- 1 Church of La Madeleine, West Front, Exterior
- 2 " " " Interior
- 3 " " " The Altar
- 4 " " Notre Dame, West front
- 5 " " " East end and Morgue from the Quay
- 6 " " " Interior
- 7 " " Sainte Chapelle
- 8 " " Germain l'Auxerrois
- 9 Column of Austerlitz, Pulling down by order of the Communists
- 10 Arc de Triomphe du Carrousel
- 11 Arc de Triomphe l'Etoile
- 12 Eiffel Tower
- 13 " " from the River
- 14 Equestrian Statue of Henri IV. (Pont Neuf)
- 15 Fountain de Medici, in the Luxembourg Gardens
- 16 Fountain (4 parts of the World)
- 17 The Grand Opera House, Exterior Front
- 18 The Hotel de Ville, Grand Facade
- 19 " " on Fire
- 20 " " Smoke Effect
- 21 L'Alcazar d'Ete, Exterior, Cafe-Concert
- 22 Le Louvre, Grand Entrance
- 23 " " Grands Magasins
- 24 " " Salle des Cariatides
- 25 " " des Saisons
- 26 Le Louvre, Salle de Venus de Milo
- 27 Quai du Louvre
- 28 Park Monceau
- 29 Boulevard Montmartre
- 30 The Moulin-Rouge
- 31 Northern Railway Station, Front, Exterior
- 32 Opéra-Comique, the Chatelet, steamboat and pier in the distance
- 33 Palais Royal, Exterior
- 34 The Pantheon
- 35 Place de la Bastille
- 36 Place de la Concorde and Obelisk of Luxor, shewing the Madeleine in distance
- 37 Porte St. Denis, shewing traffic along the Boulevard
- 38 Porte Sainte Martin
- 39 Rue de Castiglione, shewing Vendome Column
- 40 The Trocadero
- 41 Vendome Column
- 42 Versailles, the Chapel Exterior
- 43 " " Galerie des Glaces
- 44 " " Galerie des Batailles
- 45 " " The Orangeries
- 46 Map of Paris
- 47 March of the Women, 1870
- 48 Napoleon III., late Emperor
- 49 The Louvre, La Salle d'Auguste
- 50 " " Salle des Cariatides
- 51 " " Statue, L'Amour (Gillet)
- 52 " " L'Amour (Lemire)
- 53 " " L'Amour (Chaudet)
- 54 The Louvre, Statue, L'Amour and Psyche, reclining figure (Canova)
- 55 " " " L'Amour and Psyche (Canova)
- 56 " " " L'Amour and Psyche (Delaistre)
- 57 " " " Le Berger et Edipe (Chaudet)
- 58 " " " Amalthée (Julien)
- 59 " " " La Venus de Milo
- 60 " " " Daphnis and Chloë (Cordet)
- 61 " " " Antinous
- 62 " " " La Toilette d'Atalante
- 63 " " " Pecheur Napolitain (Rude)
- 64 " " " L'Enfant à la Grappe (David d'Angers)
- 65 " " " L'Innocence (Roman)
- 66 Luxembourg, Statue, La Jeunesse et L'Amour (Crank)
- 67 " " " Pan et Ours (Frémiet)
- 68 " " " L'Immortalité (Longepied)
- 69 Vincennes, The Keep
- 70 St. Germain, Chapel and S. Front
- 71 " " Roman Cavalier, Statue (Frémiet)
- 72 " " Gallic Cavalier " (Frémiet)
- 73 Bois de Boulogne, Cascade
- 74 Bois de Boulogne, The Grand Cascade
- 75 Trocadero Cascade
- 76 Notre Dame, North Door at Porte Rouge, which formerly led to the Cloisters of the Cathedral
- 77 Notre Dame from S.E., showing Flying Buttresses
- 78 Place de la Concorde
- 79 St. Germain l'Auxerrois, West Front, Centre Arch arranged for funeral. The signal was given from the Tower of this Church for the starting of the Massacre of St. Bartholomew
- 80 Cloître St. Honoré looking to Rue St. Honoré, showing Painter's Rope
- 81 S.W. Corner of New Alexandre III. Bridge
- 82 Palace Fine Arts, Entrance from Avenue Nicolas II. (One of the few Buildings left standing from the 1900 Paris Exhibition)
- 83 Arc de Triomphe du Carrousel (East side)
- 84 Bassin du Canal St. Martin, looking towards Place de la Bastille, with Column de Juillet
- 85 Stone Carls on the Quai Henri IV.
- 86 Hotel de Ville from Quai aux Fleurs, April 9th
- 87 Passage Hy. IV. from Cloître St. Honoré: a little bit of Old Paris
- 88 Scene in Flower Market at Street opposite the Madeleine
- 89 The Louvre and Pont d'Arts, from Pont Neuf
- 90 Notre Dame and Pont de la Sorenelle
- 91 Cloître Portiere
- 92 The Gallery of Fine Arts, exterior
- 93 The Trocadero
- 94 The Wine Market and Quai St. Bernard

## RM

## THE PARIS EXHIBITION.

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- 1 General View down the Esplanade des Invalides
- 2 Esplanade des Invalides, Pavilion of National (Manufactures)
- 3 Old Paris Entrance
- 4 " " from the Seine
- 5 Bridge of Alexander III.
- 6 " " A Column
- 7 The Rolling Platform, A station
- 8 " " Passing the Palais d'Italie
- 9 " " Among the tree-tops
- 10 " " Lighthouse and Pavilion (seen from)
- 11 The Great Wheel
- 12 Open woodwork domes on bridge
- 13 View down the Champs de Mars under the Eiffel Tower
- 14 Belgium and Norway Pavilions, Rue des Nations
- 15 Sweden and Monaco Pavilions, " "
- 16 Palais de la Hongrie, Rue des Nations
- 17 Palais d'Italie, Rue des Nations
- 18 Pavilion of Serbia, " "
- 19 Palace of Electricity and Chateau d'Eau
- 20 Le Chateau d'Eau with fountains playing
- 21 Pavilion of Asiatic Russia from the Trocadero
- 22 Algeria Pavilion
- 23 Schneider's Gun Pavilion
- 24 Grand Palais des Beaux Arts
- 25 Palais Lumineux
- 26 Le Petit Palais
- 27 Entrance to the Exhibition of Filis, Tissues and Vêtements
- 28 Entrance to one of the Grand Pavilions
- 29 One of the Horticultural houses
- 30 Espalier fruit trees in Horticultural Gardens
- 31 Old Paris from the River
- 32 Rue des Nations, River Front

## LH

## FRANCE.

*Beautifully Painted Views, 5s.**" " Figure Subjects, 7s. 6d.**} Plain Slides, 1s. each.*

- 1 Abbeville: St. Wolfram's, W. Front (the principal Church). This gives a good idea of Ruskin's description of the sunset effect on the W. Front as he used to ride into the old city in the afternoon on his journey to Paris
- 2 " St. Wolfram's from N. The old street and the quaint old houses built all around the Cathedral (see Ruskin's description of the "Hen and Chickens")
- 3 " Grande Place, showing memorial to Admiral Courbay, who was a native of the city
- 4 " Corner of Grande Place and the White Horses of Flanders, showing the bells and harness of a miller's team
- 5 Amiens: Rue Alsace and Lorraine. A typical ~~main~~ French road
- 6 " on the R. Somme, showing the early market and the quaint market boats in which they bring in the vegetables
- 7 " Cathedral, W. Front (see Ruskin's Bible of Amiens)
- 8 " " N. side of main entrance
- 9 " " Details showing the Medallions
- 10 " " S.W. Porch (Porch of the Virgin)
- 11 " " The Porch or entrance to S. Transept, now known as the Virgin's Door
- 12 " " East end, showing the Flying Buttresses and base of Fleche at intersection of choir and nave. The chapel of the Maccabees in the foreground
- 13 " " Nave, looking E.
- 14 " " " from Triforium, over altar and looking W.
- 15 " St. Germain's, the south porch. A beautiful little church in the old part of the city near the Cathedral
- 16 Arras: Hotel de Ville, main front (south). This is one of the finest specimens in the North of France
- 17 " Hotel de Ville, main entrance, W. side, later work than the south front
- 18 A French Billingsgate: The disposal of the day's catch at Boulogne Fish-Market
- 19 Cancale, Old House
- 20 Carcassonne, the Ancient Bulwark City near the Pyrenees
- 21 Chateau de Josselin
- 22 " " Front view
- 23 Combours, The Chateau
- 24 " " The Tower
- 25 Compiègne
- 26 Dieppe Harbour
- 27 Dinan, The Bridge
- 28 " Rue Jersual
- 29 " La Collinais
- 30 " " The Tower
- 31 " " The Courtyard
- 32 Dinard, From the sea
- 33 " The windmill
- 34 " Women washing in a pool
- 35 Dol Cathedral
- 36 Dunkirk
- 37 Mont St. Michel, View of
- 38 " The Gateway
- 39 " The Main Entrance
- 40 " The Cloisters
- 41 " The Knight's Hall
- 42 " The Refectory
- 43 " Under the Church
- 44 " The Crypt
- 45 " Chapel of S. Aubert
- 46 Ploesmel, The Church
- 47 Rouen Cathedral, Nave looking E. This was taken during the Whitsuntide Festival and shows part of the fine old Tapestry hangings belonging to the Cathedral which are only shown during the principal festivals
- 48 " Cathedral, West Front (Whitsun, 1899)
- 49 " " from S.W.
- 50 " " Central arch
- 51 " Rue de St. Pierre
- 52 " College with Statue le Père Corneille
- 53 " St. Maclon
- 54 " " West Front
- 55 " " West Doors. Fine specimens of the 15th century. One of the finest churches in the old city
- 56 " " North Doors. These doors are supposed to be the work of Jean Goujon
- 57 " Chapelle de la Fierce St. Romain. Place de la Haute-Vieille Tour, Built in 1543 solely for the annual ceremony of the Privilège de St. Romain
- 58 " Cloître St. Maclon 1530, one of the old graveyards of the city now used as a school
- 59 " Statue of Rollo (the Founder of Rouen and Normandy) in the Churchyard (S.E. corner) of St. Ouen
- 60 " Palais de Justice
- 61 " Courtyard of the Palais de Justice
- 62 " Portal of the Marmousets, South side of St. Ouen; one of the Architectural gems of Rouen
- 63 " St. Ouen
- 64 " " West Front
- 65 " From South side River Seine
- 66 " Rue de la Grosse Horloge, showing Clock, Fountain, and Belfry, in which is hung the Bell La Rouvel
- 67 " Statue Jeanne d'Arc. Place de la Pucelle
- 68 St. Omer Cathedral, W. door
- 69 " " Nave and S. Transept
- 70 " " Nave, Interior, N. side, looking E. Showing late screens to chapels and consecration crosses on column
- 71 " " Nave and Pulpit, S. side, looking W.
- 72 " " Organ and W. end from Choir
- 73 " " North aisle looking West
- 74 Washerwomen
- 75 A Beggar: "Old Jean"
- 76 French Peasants going to Market on Stilts
- 77 Maintinon. The Vinduct
- 78 Chateau de Maintinon
- 79 " " General View

TRADE

MARK.



# **ZS FRENCH ABBEYS, CATHEDRALS, CHURCHES, AND CASTLES.**

*Beautifully Painted, 5s. each. Plain Slides, 1s. each.*

## **NORMANDY AND CORDERS.**

### **RIGHT ROAD OF THE SEINE.**

- 1 Rouen, Tour Jeanne d'Arc, belonging to former Castle.
- 2 " Cathedral Ext., E. end Gate of Archbishop's Palace.
- 3 " " Int., looking E.
- 4 " " S. Portal.
- 5 " S. Owen, N.E. angle Ext., showing Romanesque Chapel of former Church.
- 6 " " Flying Buttresses of Choir.
- 7 " " Int., looking E.
- 8 " " Triforium of Choir.

### **ARQUES-LA-BATAILLE, NEAR DIEPPE.**

- 9 Arques Church, Int., The Apse.
- 10 " " The Jubé.
- 11 " " Ext.
- 12 " Ruins of the Castle.

### **CAUDEBEC.**

- 13 Caudebec, Int., cross view.
- 14 " " looking E.
- 15 " W. Portal.

### **LEFT BANK OF SEINE.**

- 16 Lisieux Cathedral, W. Front.
- 17 " S. Jacques.
- 18 " Cathedral, Int., The Choir.
- 19 " " N. Aisle.
- 20 " " looking E.
- 21 Evieux, Church of S. Taurin, looking E.
- 22 " Beffroi (Town Belfry).
- 23 " Cathedral, Ext., looking S.E.
- 24 " " from N.E.
- 25 " " N. Portal.

### **WESTERN PORTION.**

- 26 Sees Cathedral, W. Front.
- 27 " " Int., the Apse.
- 28 " " looking E.
- 29 Caen, S. Pierre, Ext.
- 30 " La Trinité, Ext.
- 31 " S. Pierre.
- 32 " La Trinité, Nave (Abbaye aux Dames).
- 33 " Notre Dame de la Gloriette Gesù, the former Jesuit Church.
- 34 " S. Etienne, Choir Aisle.
- 35 " " (Abbaye aux Hommes), Int., looking E.
- 36 Bayeux Cathedral, The Choir.
- 37 " " N. Arcade of Nave.
- 38 " " Ext., looking N.W.
- 39 " " Int., looking E.
- 40 S. Lô, Pulpit in Ext. N. Wall.
- 41 " Western Façade.
- 42 " Int., looking E.
- 43 Coutances Cathedral, Ambulatory.
- 44 " S. Pierre.
- 45 " Cathedral, Int.
- 46 Mt. S. Michel, Cloister.
- 47 " View from Rampart looking W.
- 48 " Street.
- 49 " Hall of the Knights.
- 50 " View from the Sands, looking N.W.
- 51 " View from the Digue, looking N.
- 52 Dol (Brittany), Int., looking E.
- 53 " S. Porch.
- 54 " Int. Cathedral, looking E.
- 55 " W. Front.

## **MISCELLANEOUS.**

- 56 Rennes Cathedral, Flemish Altar-piece.
- 57 M. L'Abbé (Diocese of Rouen).
- 58 S. Adrien-on-the-Seine.
- 59 Dieux, Hôtel de Ville.

### **THE GREAT NORTHERN CATHEDRALS AND THE ISLE DE FRANCE, ETC.**

- 60 Paris, Notre Dame, Int., looking E.
- 61 Rheims Cathedral, Part of W. Portal.
- 62 " Church of S. Rémy, Int., looking E.
- 63 Amiens Cathedral, Int., from the Organ.
- 64 Beauvais, S. Etienne, Int., looking E.
- 65 " Cathedral, Int., Transept, looking S.E.
- 66 " " Int., looking E.
- 67 " " N. Portal.
- 68 Senlis Cathedral, W. Portal, 12th cent.
- 69 " Desecrated Church of S. Pierre.
- 70 " Cathedral, S. Aisle.
- 71 " " S.W. Tower and S. Portal.
- 72 " " Int., looking S.E.
- 73 Soissons Cathedral, Int., looking E.
- 74 " " Ext. of Choir, from N.
- 75 Laon, Cathedral, Int., the Choir.
- 76 " View from Citadel, looking W.
- 77 " Cathedral, W. Façade.
- 78 " View from Ramparts.
- 79 " Cathedral, Arcade of Nave.
- 80 " " Int., looking N.E.

### **CHAMPAGNE.**

- 81 Châlons-sur-Marne Cathedral, view of Int., looking E. Founded 12th Cent., altered 14th to 17th Cent. Façade 17th Cent.
- 82 Troyes, S. Jean, Int., looking W.
- 83 " Cathedral, Int., looking E.
- 84 " Street.
- 85 Lens Cathedral, Int., looking E.
- 86 " " part of Nave, looking N.E.
- 87 " " West Front.

### **THE GREAT WESTERN CHURCHES.**

#### **DOMICAL VAULTING.**

- 88 Laval Cathedral, Int., the Choir.
- 89 " " Int., from W. Gallery.
- 90 " Cordeliers, N. Aisle.
- 91 " Cathedral, Ext., looking N.W.
- 92 Angers Cathedral, Int.
- 93 Poitiers, S. Hilaire, Int., looking E. (Domed).
- 94 " Notre Dame, Int., looking E. (Romanesque).
- 95 " S. Hilaire (Domed).
- 96 " Cathedral, Int., looking E.
- 97 " S. Jean, Ancient Baptistery (Goth. Roman, 4th cent.).
- 98 Le Mans Cathedral, Int., looking E.
- 99 " " Nave, looking S.W.
- 100 " " S. Portal.

#### **GOthic.**

- 101 Le Mans Cathedral, Ext., Choir, looking N.W.
- 102 " " Organ.
- 103 " " Sculptures in Ambulatory.
- 104 Chartres Cathedral, N. Portal.
- 105 " View from Lower Town, Cathedral in Distance.
- 106 " Porte Guillaume.
- 107 " Cathedral, Int., looking E.
- 108 " " N. Portal (centre).
- 109 " " N. Portal.
- 110 " " N. Portal.



## FRENCH ABBEYS, CATHEDRALS, CHURCHES, AND CASTLES—Continued.

THE GREAT SOUTHERN CHURCHES, BOTH ROMANESQUE AND GOTHIC.		252	Toulouse, Jacobins, Ext., Example of Brick Church in Southern style.
211	Albi Cathedral, Tower, from the W.	253	" Cathedral, Choir Aisle.
212	" " The Choir, looking W.	254	" Church of the Jacobins, now used as the Chapel of the Lycée.
213	" " The Loft.	255	" Cathedral Nave, which is earlier than, and has a different axis, to Choir.
214	" " " looking E.	256	" S. Sernin, 11th Cent., Int., looking E.
215	" " Choir.	257	" Cloister of the Augustins, now a museum.
216	" " Ambulatory.	258	" Cathedral Choir, looking S.E.
217	" " The Portal.	259	" Eglise du Tour, Int., looking N.W.
218	" " S. (and only) Portal.	260	" S. Sernin Chapel, with Byzantine crucifix, said to be anterior to the decree of the Eastern Church forbidding images in relief. (S. Sernin and the Cathedral Nave are the real Gothic.)
219	" " Ambulatory.	261	S. Gaudens (Haute Garonne), Details and Cross View.
220	" " High Altar.	262	" Ext., looking S.W.
221	" " S. Cécile Choir from the Loft.	263	" Int.
222	Sarlat, Market-place.	264	Agde (Hérault), General View of Int., looking E.
223	" View looking W., showing Cathedral and Tour des Morts.	265	" Cathedral, High Altar and Renaissance reredos.
224	" Tour des Morts, a churchyard light-house, with circular chapel at base.	266	" View across the River Hérault, Cathedral, looking E.
225	" Cathedral, Int., looking E.	267	Elne, or Helené, originally a Greek Colony, — the ancient Elleberis — formerly Spanish territory.
226	Béziers, S. Nazaire, Cloister.	268	" Cathedral, Ext., looking N.W., showing old Apse, and base of 15th Cent. Apse never finished.
227	" Int., looking E.	269	" Cloisters.
228	" Ext.	270	" Interior of former Cathedral.
229	Perpignan Cathedral, S. Jean, Int. View looking E.	271	" Cloister.
230	" " Int. View, looking N.W., showing mediæval organ-case and chapel formed between the (int.) buttresses (Southern side).	NOTES.—Albi Béziers and Agde are fortified churches, also Narbonne).	
231	" " "Castillet" or Fortress, 14th Cent.	CONTINENTAL CATHEDRALS, ETC.	
232	" Cathedral, St. Jean, Int., looking E. Mediæval organ-case and Spanish reredos. (Example of French Southern Gothic.)	272	Arles, Cathedral of S. Trophimus.
233	" La Lonja (i.e., "Loge," near Guild Hall).	273	" " the 12th Cent. Doorway.
234	S. Bertrand de Comminges, View from below the walls, looking N.E.	274	" " 9th Cent. Cloisters.
235	" Tomb of Bishop Hugh de Châtillon, 15th Cent.	275	" " Mediæval Cloisters.
236	" Tomb and Shrine of St. Bertrand, 15th Cent.	276	" Monastery of Mont Major.
237	" Int., Choir, looking E., Spanish reredos example of Southern Gothic, with int. buttresses.	277	" " The Fortified Tower.
238	" once a Cathedral, Choir looking N.W. Renaissance (A.D. 1536) stalls, loft, and organ-case.	278	" " The Well in the Cloister.
239	" West Gate (Roman inscription).	279	" Roman Amphitheatre, with Mediæval Tower.
240	" Romanesque Cloisters.	280	" " Entrance.
ROMANESQUE.		281	" " A Glimpse of the Arena.
241	Conques, Ext., S.	282	" " Gallery.
242	" Ext., looking S.W.	283	" Greek Theatre and Saracen's Tower. Two Columns.
243	" General View.	284	Avignon, "14th Cent. Wall.
244	" Int., looking E.	285	" The Walls.
245	" Int., Transept.	286	" A Gate in the Ramparts.
246	" Ext., Apse.	287	" A Gateway.
247	Toulouse, La Dalhade, Int.	288	" The Old Bridge.
248	" S. Sernin, Ext., from S.W.	289	" Distant View of the Palace of the Popes from across the Rhone.
249	" Eglise la Dalhade, Façade.	290	" " The Gate of the Railway Station.
250	" S. Sernin, Ext., looking W.	291	" " "
251	" Augustins, showing Tower.		

## YD

## FRENCH HISTORY.

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- 1 Marshal Ney in the Retreat from Moscow.
- 2 Passage of the Douro by the Division under the Command of Lieutenant-General the Hon. Edward Paget.
- 3 Napoleon at Jena, with General Berthier and Murat.
- 4 The Attack on the Tuilleries, August 10th, 1793.
- 5 Meeting of Napoleon and the Czar Alexander.
- 6 Execution of Marie Antoinette, October 16th, 1793.
- 7 The Entry of the French into Milan, May, 1796.
- 8 Robespierre, Couthon, and St. Just declared Traitors, Hotel de Ville, July 28th, 1794.
- 9 Bonaparte at Saint Cloud, November 10th, 1800.
- 10 The Passage of Mont St. Bernard, May, 1800.
- 11 The Battle of Marengo.
- 12 Talleyrand.
- 13 Napoleon Crowning Josephine.
- 14 Marching the French Prisoners into Salamanca after the Battle, 1813.
- 15 Entry of the Allies into Leipzig, October 10th, 1813.
- 16 Porto Ferrajo, Elba, 1814.
- 17 Marshal Soult.

**LI THE RIVIERA. From Marseilles to Genoa.***Beautifully Painted, 5s.; Plain Slides, 1s. each. READING, 6d.*

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**LK****GERMANY.—PRUSSIA.***Beautifully Painted Views, 5s.; Plain Slides, 1s. each.*

- |   |   |   |
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| <p>1 Bamberg, Panorama, Bavaria<br/>2 Bastei, Rocks of<br/>3 Bavaria, Linden<br/>4 Berlin, Bridge and Arsenal<br/>5 " Cathedral<br/>6 " Jewish Synagogue<br/>7 " Palace of the Emperor<br/>8 " Interior, Salle Blanche<br/>9 " Interior, Salle Manger<br/>10 " Palace, Prince Imperial<br/>11 " Statue Fredk. the Great<br/>12 " the Museum<br/>13 Boitzen, Panorama<br/>14 Charlottenburg Palace<br/>15 Dresden, Bridge and Cathedral<br/>16 " Cathedral, Exterior<br/>17 " View of the Zwinger<br/>18 Frankfurt on the Main<br/>19 " Gutenberg Monument<br/>20 " Judengrass</p> | <p>21 Frankfort Old Houses<br/>22 Homburg, General View<br/>23 " Kursaal<br/>24 Potsdam, Roman Palace<br/>25 Prehrichthor, West side<br/>26 Rathen-on-the-Elbe<br/>27 Ratishon, General<br/>28 " Walhalla<br/>29 Schandau-on-the-Elbe<br/>30 Munich, Bavaria, Panorama<br/>31 Nuremberg, view of the Pegnitz<br/>32 Stuttgart, Wurtemberg, General<br/>33 The Emperor, 8s. 6d.<br/>34 Worms, Cathedral<br/>35 " Luther's Monument<br/>36 " " Tree<br/>37 Wurzburg, Panorama</p> | <p>40 Hungary, Gran, Panorama of<br/>41 " Preshourg, General<br/>42 Pesth, on the Danube<br/>43 Prague, View of the Hradschin<br/>44 " Bridge of<br/>45 Salzburg, the Capuzinerberg<br/>46 Barmingstein<br/>47 Styria, Cilly, Panorama<br/>48 " Graz<br/>49 Trent, General<br/>50 Trieste, Panorama<br/>51 Vienna, Imperial Palace<br/>52 " View of the Graben<br/>53 " The Arsenal<br/>54 " Sochenbrunn, General<br/>55 " Bridge of Radetski<br/>56 " Cathedral of St. Stephen<br/>57 " Votive Church<br/>58 " The Semmering Valley<br/>59 " The Viaduct</p> |
|---|---|---|

**AUSTRIA.**

- |   |   |  |
|---|---|--|
| <p>60 Cochem, on the Moselle, General View<br/>61 " " " Street<br/>62 " " " The Castle<br/>63 " " " " "<br/>64 " " " " "<br/>" Pathway through the vineyards<br/>65 Cochem, on the Moselle, A shrine<br/>66 " " " View at<br/>67 Cochem, Vineyards on the Moselle, near<br/>68 Nuremberg, Market Place<br/>69 " St. Laurence's Church</p> | <p>70 Nuremberg, St. Laurence's Church, Door<br/>71 " Canal<br/>72 " Street<br/>73 " The Queen's tree<br/>74 Schloss Ettly, Valley of the Moselle<br/>75 Schloss Ettly, and ruins of fort erected by Bishop Baldwin<br/>76 " " On the path to<br/>77 Treves, The Cathedral<br/>78 " Old Roman gateway<br/>79 " " bridge</p> | <p>80 Treves, Ruins of Roman Palace<br/>81 " Colosseum<br/>82 Trich, Old house<br/>83 " " the Inn<br/>84 The Kaiser and his Consort at the Royal Theatre, Berlin, December, 1908<br/>85 The possibility of 110 miles an hour by steam: Train racing in Germany: A speed trial of the new four-cylinder Engine on a permanent way improved for safety</p> |
|---|---|--|

**8LL****THE ENGADINE.***Beautifully Painted Views, 5s.; Plain Slides, 1s. each. READING, 6d.*

- |   |   |
|---|---|
| <p>1 Street in Coire.<br/>2 Coire Cathedral, Interior.<br/>3 Thusis, General View.<br/>4 In the Schyn Pass.<br/>5 The Pont du Solis, Schyn Pass.<br/>6 Tiefenkasten Village.<br/>7 Molins Village.<br/>8 Silvaplana Village and Lake.<br/>9 Silvaplana from the Meadows.<br/>10 Haymaking going on.<br/>11 Group of Haymakers and Ox Waggon.<br/>12 The Surlei Cascade.<br/>13 Footpath along Lake Silvaplana.<br/>14 Lake Silvaplana from the Woods.<br/>15 Sils Maria Village.<br/>16 Sils Maria from the South.<br/>17 An Ox Load of Hay.<br/>18 Lake of Sils and Isola Village.<br/>19 Maloja from Lake of Sils (Cattle).<br/>20 Maloja from Promenade des Artistes.<br/>21 Oxen carting Home the Hay.<br/>22 Camper, the Lakes and Pix Margua.<br/>23 Camper, the Valley and Lake.<br/>24 The River Inn, near St. Moritz Bad.<br/>25 St. Moritz from Johansberg.</p> | <p>26 St. Moritz Village from the South.<br/>27 St. Moritz Bad and the Lake.<br/>28 Falls of the Inn, St. Moritz.<br/>29 The Lower Valley from St. Moritz Hill.<br/>30 Path through the Woods to Pontresina.<br/>31 Young Engadine Cattle.<br/>32 Pontresina and Pix Langard from West.<br/>33 Road through Pontresina Village.<br/>34 Washerwomen at a Street Fountain.<br/>35 Pontresina and the Roseg Valley.<br/>36 The Roseg Glacier.<br/>37 In the Pine Woods, Pontresina.<br/>38 Pont Ota, Pontresina.<br/>39 The Morterach Glacier.<br/>40 Samaden Village.<br/>41 A Diligence.<br/>42 Bevers Village.<br/>43 Ornamented Houses in Bevers Village.<br/>44 Ponte Village from the Meadows.<br/>45 Madulein and the Inn from Ponte.<br/>46 The Albula Hospice or Inn.<br/>47 The Weissenstein Valley, Albula Pass.<br/>48 Bergun Village, Albula Route.<br/>49 Street in Filisur Village.<br/>50 Coire, General view.</p> |
|---|---|

# LM THE RHINE AND ITS NEIGHBOURHOOD.

*Beautifully Painted, 5s. Plain Slides, 1s. each. READING, 6d.*

1 Andernach, General View	39 Cologne, Church of S. Ursula, Interior	72 Koenigstein Castle and Fort
2 " Castle	40 " Church of S. Ursula, Reliquary showing the bones of the 10,000 [Virgins]	73 Konigswinter, The Ferry
3 " Grand Tower	41 " Market	74 Markshurg Castle
4 Amsterdam, The Louvre	42 " S. Martin's Church	75 Mayence, General View
5 " Grand Canal, Day	43 Constance, from the Cathedral	76 " Bridge of Boats
6 " Moonlight	44 Drachenfels, Seven Mountains	77 " Cathedral, from Market
7 " Royal Palace	45 " Ruins of, Day	78 " from S.W.
8 " The New Market	46 " Moonlight	79 Nelderwasser, from Railway
9 " General View	47 Ehrenbreitstein and Coblenz, Bridge of Boats	80 Nehausen below the Falls
10 Bacharach, from Bonn	48 Ehrenfels Castle and Bingen	81 Nonnenwerth and Rolandseck
11 Baden Baden	49 Ems, General View	82 Oberwesel, General View
12 " General View	50 " Panorama	83 " from Pier
13 " The Trinkhalle	51 Freiburg Cathedral	84 Remagen, General View
14 Bacharach, S. Werner's Chapel	52 Furstburg Castle	85 Rheinfels, S. Goar
15 Basle, from Ferry	53 Gonshausen, Cat Castle	86 " Lurle Rock
16 " from Old Bridge	54 Godesberg and the Seven Hills	87 Richenburg
17 " Upper Bridge	55 Gutenfels, Cath Castle, Pfalz	88 Rheinstein, Saint Goar
18 " Cathedral	56 Hamburg, Port of	89 Rotterdam, Bridge of Delft
19 " S. Paul's Gate	57 " The Arcade	90 " Grand Hotel
20 Bingen, General View	58 " Panorama	91 " Hotel de Ville
21 " Rat Tower	59 Heidelberg, Bridge and Castle	92 " Panorama of the Meuse
22 Bonn Cathedral, Exterior	60 " Castle, from Bridge	93 " Quai des Espagnols
23 " from the Pier	61 " Clock Tower	94 " Boomplis
24 " the Ferry	62 " Courtyard	95 " Willumsplein
25 Boppard	63 " Great Wine Butt	96 Saint Goar, General View
26 " looking down the Rhine	64 " General View	97 Schaffhausen, from Swiss side
27 " Old Houses	65 " Frederic's Building	98 " Bridge and Rapids
28 Coblenz and Ehrenbreitstein	66 " Entrance to Otto	99 " Falls of the Rhine
29 " and Thal	67 " Henry's Building	100 " Lauffen
30 Cologne, General	68 " Timber Raft on	101 " General View
31 " from Deutz	69 Neckar	102 Stolzenfels Castle
32 " Bridge of Boats	69 Hornberg, from the Castle Hill	103 Strassburg, General View
33 " Cathedral from S.E.	70 " from the Bridge	104 " Cathedral
34 " Cathedral, Exterior	71 " Street in Village	105 Triberg, Falback, Waterfall
35 " Principal Entrance		106 Velmich, showing Railway on both sides of the River
36 " Interior		107 Wiesbaden, General View
37 " The Stalls		108 " Greek Church
38 " Church of S. Martin		

## WF LUTHER'S COUNTRY.

*Beautifully Painted, 5s. each. Plain Slides, 1s. each.*

1 Eisleben, the Birthplace and Deathplace of Luther, showing Statue of Luther	16 Mayence, House in which the first Printing Press was set up
2 " House in which Luther was born	17 " Statue of Gutenberg (the Inventor of Printing) in the Town
3 " Room " " " "	18 " Statue of Gutenberg (the Inventor of Printing) in the Museum
4 " House in which Luther died	19 The Wartburg, showing the house in which Luther translated the Bible
5 " Relief, Luther and Cajetan, the Papal Legate, Luther with the Bible, the Legate with the Bull	20 " the scene of Luther's imprisonment
6 " A Relief from Statue. Luther and his family singing	21 Wittenberg, Castle of the Elector of Saxony
7 Erfurt, Door of the Augustinian Convent where Luther lived as a Monk and where he first found the Bible	22 " Castle Church Interior, Luther's Tomb
8 " House by the River	23 " Castle Church Interior, Melancthon's Tomb
9 Halle, the Birthplace of Handel. The Market Place showing Statue. Luther passed through Halle on his way to the Diet of Worms	24 " Door of the Castle Church on which Luther nailed his Theses
10 Juterbog, Displaced Images, also images now in the Vestry taken out of the Church and placed there as useless at the Reformation	25 " The Communion Table in the Stadt-Kirk in which the Sacrament was administered for the first time to the laity in both kinds
11 " Interior of the Church where Tetzel preached	26 " Tree marking spot where Luther burned the Bull
12 " A Street showing the Church in which Tetzel preached. The Elector of Saxony would not allow the preaching of Indulgences in his territory, hence Tetzel set up at Juterbog which was 20 miles from Wittenberg	27 " The Market Square, showing Statues of Luther and Melancthon
13 Magdeburg, Monument to Otto	28 " Melancthon's Garden, where Luther and Melancthon often walked together
14 " Tetzel's money-chest in the Cathedral. It was by this chest Tetzel used to stand and say, "As soon as your money rattles in my strong box the Soul of your friend flies out of Purgatory and ascends to Heaven"	29 " Augustinian Convent where Luther lived as a Monk
15 Mayence, Market Square with Fountain erected by Cardinal Albrecht (Luther's great opposer)	30 Worms, Cathedral
	31 " Tree outside, called Luther-Baum. As Luther entered the town he saw a man at this point planting young Elm-trees. "Give me one," he said, "God grant that my Doctrine may spread as this branch," and planted it with his own hand
	33 Monument to Luther and other Reformers including Wycliffe and Savonarola

For Slides on Life of Luther see page 356.







# **LP SWITZERLAND AND THE ALPS.**

From photographs by Rev. J. CYRIL WALKER, 1895.

*Beautifully Painted Views, 5s.; Plain Photographs, 1s. each.*

## **The St Gothard Railway.**

- 1 Lucerne. The Hofkirche and Pilatus
- 2 Lucerne. Kapellbrücke
- 3 " Schweizerhof
- 4 Lake of Lucerne. Steamers
- 5 " Uri Rothstock, and the S. Gothard Railroad, near Brunnen
- 6 The Axenstrasse, near Brunnen
- 7 Tunnel through the Axenberg
- 8 Interior of the Axenberg Tunnel
- 9 Flüelen from the Station
- 10 Amsteg. The Reuss and S. Gothard Railway
- 11 Amsteg. Viaduct over Maderaner Thal
- 12 Insohl. Bristenstock and Bridge over Reuss
- 13 Pfaffenprung Loop Tunnel
- 14 Göschenen looking West, with Viaduct
- 15 Göschenen Valley, looking East
- 16 Göschenen Railway Station and Snowplough
- 17 Göschenen, North Entrance of S. Gothard Tunnel
- 18 Schöllenen Valley, the S. Gothard Road
- 19 The Devil's Bridge
- 20 Troup d'Uri looking N.
- 21 " " looking S. towards Andermatt, photographed from same point as No. 20
- 22 Street in Andermatt
- 23 Hospenthal from the S. Gothard Road
- 24 S. Gothard Pass with house of refuge
- 25 Arrival at the Snow Line
- 26 Lake at the top of the Pass
- 27 Hospice of S. Gothard
- 28 Zig-zags in Val Tremola
- 29 Airolo. South Entrance to S. Gothard Tunnel
- 30 Railway entering the Dazio Grande Gorge
- 31 The Dazio Grande Gorge, looking South
- 32 The Dazio Grande Gorge, looking North
- 33 The Dazio Grande Gorge, the Loop Tunnels
- 34 The Dazio Grande Gorge Level Crossing
- 35 The Road near Faldo, looking towards the Dazio Grande
- 36 Faldo
- 37 " The Waterfall
- 38 Como Market and Clock
- 39 Milan Cathedral

## **The Ascent of Monte Rosa.**

- 40 The Guides "Matthias Zumbaugwald" and "Auxilius Perren"
- 41 Monte Rosa from the Gadmen, with Gorner Glacier in the foreground
- 42 The Lyskamm from the Plattio
- 43 Arrival at a Crevasse with Breithorn and Pollux

- 44 A halt for refreshment, showing Rothhorn, Weisshorn, and Gornergrat
- 45 Ascending a Snow Slope
- 46 Seracs, with the Twins, Castor and Pollux, in background
- 47 Monte Rosa, Arete and Lyskamm
- 48 Breithorn, Matterhorn, etc., from Monte Rosa
- 49 Dufour Spitz from snow Plateau
- 50 The Nordend and Seracs from Snow Plateau
- 51 A Nap at the Gadmen

## **Miscellaneous.**

- 52 Return from the Breithorn
- 53 Laxineis
- 54 The Dent Blanche from Unter Gabelhorn
- 55 Dent D'Herens from Unter Gabelhorn
- 56 Weisshorn from Unter Gabelhorn
- 57 Alphubel & Allalinhorn from Unter Gabelhorn
- 58 Zinal Rothhorn from Unter Gabelhorn
- 59 Breithorn from Unter Gabelhorn
- 60 Rimphischorn and Strahlhorn from Unter Gabelhorn
- 61 Dom from Unter Gabelhorn
- 62 Zermatt, Interior of Church
- 63 " Bridge near
- 64 " Guides
- 65 " Guide and Wife
- 66 " General View
- 67 " and Matterhorn
- 68 "
- 69 Breithorn Hut
- 70 Festi-hut from Dom
- 71 Weisshorn
- 72 View of the Matterhorn from the Riffel Alp
- 73 View of the Matterhorn from the Riffel Lake
- 74 Disto from Hornli
- 75 " from Zermatt
- 76 Ascending the Riffelhorn
- 77 The Twins from the Riffelhorn
- 78 Dent Blanche from the Matterhorn Hut
- 79 The Gorner Glacier
- 80 " " The Icefall
- 81 " " Looking down a Crevasse

## **Simplon.**

- 82 Hospice Simplon
- 83 Snow Galleries
- 84 Roadway and Cascade
- 85 Roadway
- 86 Gorge of Gonio
- 87 Avalanche Gallery, and Goats
- 88 Lady in Swiss Costume
- 89 The Guides, "Ulrich Kauffmann, and another
- 90 Cowhorn on the Wengern Alp
- 91 The Eiger
- 92 " Cloud Effect
- 93 Zwingli Church and the Eiger
- 94 Gletschbach Falls
- 95 Group of Guides
- 96 Grindelwald. The Old Bear Hotel and the Eiger

- 97 Grindelwald. The Old Bear Hotel, the Courtyard
- 98 The Wetterhorn from the Old Bear Hotel
- 99 The Wetterhorn from the Old Bear Hotel, Cloud Effect
- 100 The Wetterhorn, near view
- 101 " " after fall of snow
- 102 " " " "
- 103 " " " from the Grindelwald Valley
- 104 Upper Grindelwald Glacier
- 105 Among the Seracs
- 106 On the Icefall
- 107 Upper Icefall on the Lower Grindelwald Glacier
- 108 Hot Plate on Rock in Glacier
- 109 Ascending the Zassenberg, Grindelwald Glacier
- 110 Fiescherhorn from the Lower Grindelwald Glacier
- 111 Fiescherhorn, Finsteraarhorn, and Agassihorn
- 112 The Schreckhorn and Mettenberg from Grindelwald Valley
- 113 On the Lower Eismeer looking towards the Strahleck
- 114 Silherhorn from Wengern Alp
- 115 The Brünig Pass
- 116 A Chalet
- 117 Ulrich Kauffmann. A Guide
- 118 Rhone Glacier
- 119 " " Furka Road and Sernos
- 120 Oberland Mountains from Furka Road
- 121 Lucerne, the Schweizerhof Garden
- 122 Lucerne, the Schweizerhof Garden. Carpet Bedding
- 123 Why the Brünig trains are slow!
- 124 Lower Reichenbach Fall
- 125 Top of Upper Reichenbach Fall
- 126 Rosenlail, Wellhorn, and Wetterhorn
- 127 Rosenlail Glacier
- 128 Cows on the Zassenberg
- 129 A Crevasse, Lower Grindelwald Glacier
- 130 Schreckhorn, from Lower Grindelwald Glacier
- 131 Schreckhorn & Lauterarrhorn from the Zassenberghorn
- 132 Fiescher Glacier and Eiger from the Zassenberghorn
- 133 Fieschergrat and Glacier
- 134 Schreckhorn from the Eiger summit
- 135 Wetterhorn and Eiger Arête from Eiger
- 136 On the top of the Eiger
- 137 Mönch and Jungfrau from Eiger
- 138 Alps of the Valais from Gemmi Pass
- 139 Same Panorama showing Leukerbad
- 140 Leukerbad from the Gemmi
- 141 Gemmi from Leukerbad
- 142 The Visp from a moving train
- 143 Another train-window snap shot
- 144 The Source of the Rhone
- 145 Upper Part of the Rhone Glacier

# ABG A TOUR THROUGH SWITZERLAND, RETURNING VIÀ CHAMONIX AND PARIS.

From a Series of Direct Negatives.

*Beautifully Painted, 5s.; Plain Slides, 1s. each.*

1	Bâle, The Railway Station.	46	Grindelwald, On the way to the Upper Glacier.	91	Chamonix, Mont Blanc.
2	" View on the Rhine.	47	" " The Upper Glacier.	92	" General View.
3	" " " "	48	" " Sounding the Alpine Horn.	93	" Statue of De Saussure.
4	Berne, The Bagpiper Fountain.	49	" " The Interior of the Ice Grotto.	94	" The Casino.
5	" The Duddsackpfeifer Brunnen Fountain.	50	" " The Interior of the Ice Grotto.	95	" The Church.
6	" Junkerugasse.	51	Lake Brienz, The Giessbach Falls.	96	" The Mer de Glace and the Grand Jorasses.
7	" Marktgasse Rue des Marches.	52	" Brienz Quay.	97	" " "
8	" Kornhaus Bridge.	53	Meiringen, The Reichenbach Hotel.	98	" " "
9	" " " "	54	" " The Reichenbach Falls.	99	" " Mules " in the Montenvers.
10	" The River Aar, View from Kirchenfeld Bridge.	55	" " The " Gorge of the Aar.	100	Geneva, The Lake of
11	" The River Aar, View from Nydeck Bridge.	56	" " " "	101	" " The " Jetty Promenade.
12	" The Historical Museum.	57	" " " "	102	" " A Steamer passing the Lighthouse.
13	" View from the top of the Historical Museum, showing the Kirchenfeld Bridge.	58	" " Grimsel Pass, The Falls of the Aar.	103	" " Hotel de la Poste.
14	" Metzgasse.	59	" " View from Handegg Hotel.	104	" " The Market.
15	" Stalden.	60	" " The Hospice, showing Deep Snow.	105	" " " "
16	" The Federal Palace.	61	" " The Diligences.	106	" " Monument to the late Duke Charles of Brunswick.
17	" The Bear Pit.	62	" " Snow on the Grimsel Pass.	107	" " Fountain in the English Gardens.
18	" The Botanical Gardens.	63	" " Gletsch, The Rhone Glacier.	108	" " Women Washing Clothes.
19	Lake Thun, Spiez Landing Stage.	64	" " Fiesch, Street in.	109	" " Mont Blanc Bridge.
20	A Château on the South Bank, Lake Thun.	65	" " Visp, General View.	110	" " The Theatre.
21	Interlaken, The Railway Station.	66	" " Valley of the Visp.	111	" " Boulangerie Chaum de la Tour.
22	" " A Woodcarving Establishment.	67	" " Zermatt, General View.	112	" " Street.
23	" " The Jungfrau.	68	" " Cattle Sheds.	113	" " Place du Porte.
24	" " Marktgasse.	69	" " General View, showing the Matterhorn.	114	Paris, Champs Elysées.
25	" " The Old Convent.	70	" " The Matterhorn.	115	" " Arc de Triomphe l'Etoile.
26	" " Old Houses in a Side Street.	71	" " The Church.	116	" " Hotel de Ville.
27	" " Jungfrau Strasse.	72	" " Mules on the Riffl Alp.	117	" " The Grand Palace.
28	" " The Bridge.	73	" " View of the Valley of the Visp from the Riffl Alp Hotel.	118	" " Notre-Dame.
29	" " Mill on the River Aar.	74	" " View from the Riffl Alp Hotel.	119	" " The Church of the Madeleine.
30	" " Central Platz.	75	" " A Waterfall near.	120	" " The Trocadero.
31	" " The Church.	76	" " The Main Street.	121	" " The Alexandra Bridge.
32	" " A Milk Cart.	77	" " A Side Street.	122	" " The Opera House.
33	Little Scheidegg, The Hotel.	78	" " Pissevache Falls.	123	" " Palace de Luxembourg.
34	" " " "	79	" " Gorge de Trient.	124	" " The Market and the Dôme des Invalides.
35	Zweilutschinen, A Waterfall near.	80	" " Salvan Pass, Cascade de Triège.	125	" " The Dôme des Invalides.
36	Grindelwald, The Main Street.	81	" " The Eau Noire Stream.	126	" " The Eiffel Tower.
37	" " The Wetterhorn.	82	" " Chatelard, The Eau Noire Stream.	127	" " St. Augustine's Church.
38	" " Goats going to be Milked.	83	" " The Valley of the Eau Noire.	128	" " The Monument of the French Republic.
39	" " The Eiger.	84	" " The Aiguille Verte.	129	" " Arc de Triomphe du Carrousel.
40	" " On the Baregg.	85	" " Street in Chamonix, showing Mont Blanc.		
41	" " Guide on the Baregg.				
42	" " The Mer de Glace.				
43	" " " "				
44	" " " "				
45	" " " "				

For Slides on "Alpine Plants," see pages 145 and 146.

# YE FROM GENOA THROUGH SWITZERLAND TO DIEPPE.

A new Series of Direct Photographs.

*Beautifully Painted, 5s. each; Plain Slides, 1s. each.*

1 Genoa, General View.	28 Lucerne, The Landing-stage.	51 Lake of Lucerne, Statue of Christ Cut Out of the Rock.
2 " Main Street.	29 " The Museum of Peace and War.	52 Seeburg Pier, Lucerne Steamer Leaving.
3 " Market.	30 " The Fountain.	53 Lake of Lucerne, A Steamer.
4 " Mule Team.	31 " The Cathedral.	54 Lake of Lucerne, Fluelen.
5 " Street.	32 " A Painted House.	55 Lake of Lucerne, Rotylock.
6 " Railway Station.	33 " A Street.	56 Lake of Lucerne, Stansstad.
7 " Statue of Christopher Columbus.	34 " An Altar Cut in the Rock.	57 Lucerne, An Ox Waggon.
8 Milan, The Cathedral.	35 " A Girl doing Drawn Thread Work Outside a Shop.	58 On the Top of the Rigi.
9 " " Statue of Victor Emmanuel II.	36 " The Old Water Tower and Bridge.	59 The Rigi Railway.
10 " Via Tommaso Grossi.	37 The Pilatus, with Lucerne in the foreground.	60 Rigi, View up the
11 " Piazza Cordusio.	38 Lake of Lucerne, Magerhorn.	61 " " "
12 " The Public Gardens.	39 A View of the Alps.	62 " " "
13 Airold Station, The St. Gothard Railway.	40 Pilatus, with its cap on.	63 " " "
14 Andermatt, A Waterfall by the Devil's Bridge.	41 Lucerne, General View taken from Sonnesburg.	64 Vitznau, Mine Street, showing the Church.
15 " The Devil's Bridge.	42 Lake of Lucerne, A Swiss Chalet.	65 Vitznau, A Street.
16 " The Devil's Bridge.	43 Seeburg, Lucerne.	66 " Interior of the Church.
17 Schollenen Gorge.	44 Seeburg, Lucerne, The Polytechnic Chalets.	67 " The Rigi Railway Terminus.
18 Schollenen Gorge, Roadway up.	45 " " "	68 The Pilatus.
19 Andermatt, General View.	46 Lucerne, An Ox Waggon.	69 " " "
20 " " A Boy on the Mountain-side.	47 " An Ox Timber Cart.	70 " " "
21 " " Goats going to be Milked.	48 Sonnesburg, Pine Forest.	71 " " "
22 " " "	49 Lucerne, The Sonnesburg Railway.	72 " The Valley from.
23 Lucerne, General View from the Gutsch.	50 " General View taken from Sonnesburg.	73 " On the Snow.
24 " " "		74 Paris, Church of the Holy Trinity.
25 " " "		75 " A Street.
26 The Lion of Lucerne.		76 " A Street Tram.
27 Lake of Lucerne, showing Railway Station and the Museum of Peace and War.		77 Dieppe Harbour.
		78 " " "
		79 Steamer Crossing the Channel.

## 8 N P

## MOUNTAIN CLIMBING.

An interesting Series of Photographs taken at high altitudes.

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1 The Matterhorn and the Riffelhorn from the Gornergrat, showing the Gorner Glacier.	10 The Matterhorn from the Rocks of the Zinal Rothorn (with clouds).
2 The Summit of the Zinal Rothorn, showing the Weisshorn in the distance.	11 Climbing the Aiguilles Dorees. The Tour Noir in the distance.
3 The Weisshorn from the summit of the Zinal Rothorn (with clouds).	12 Climbing the Aiguilles Dorees.
4 The Matterhorn, the Zinal Rothorn and the Dent Blanche from the Weisshorn Ridge.	13 Panorama view from the Weisshorn, showing the Dent D'Hercus and Dent Blanche and many others.
5 The Rumpfischhorn.	14 The Summit of the Monte Rosa (with clouds).
6 The Aiguille D'Argentiere and the Aiguille du Chardonnet, showing the Tour Glacier (with clouds).	15 The Summit of the Rumpfischhorn.
7 On the Ridge of the Weisshorn, with the Dom Taschan Allaluhorn and Rumpfischhorn in the distance.	16 The Summit of the Matterhorn and the Panorama therefrom.
8 The Lower Summit of the Rumpfischhorn, showing Monte Ross and the Lysium.	17 The Aiguille D'Argentiere and Grand Fourche, from the Rocks of the Aiguille du Tour (with clouds).
9 The Matterhorn from the Rocks of the Zinal Rothorn.	18 On the Ridge of the Aiguille D'Argentiere near the summit.
	19 Panorama view from the Weisshorn, showing the Matterhorn, Rothorn, and many others.

## WE A SNAPSHOT RAMBLE AMONG THE ALPS IN 1904.

Direct Photographs from Negatives just made by Rev. J. CYRIL WALKER.

*Beautifully Painted, 5s. Plain Slides, 1s. each.*

## THE RHINE FALL NEUHAUSEN.

- |                                |                                       |                      |
|--------------------------------|---------------------------------------|----------------------|
| 1 From the Schweizerhof Window | 5 Bird's-eye view from Schloss Langen | 9 From the Fischetz  |
| 2 From Schloss Worth           | 6 View from the Iron Pavillon         | 10 " Central Rock    |
| 3 From the Aluminium Works     | 7 " Kanzel                            | 11 " Top of the Rock |
| 4 Above the Falls              | 8 The midst of the Fall               | 12 From a Boat       |

## LUCERNE.

- |                             |                                    |                         |
|-----------------------------|------------------------------------|-------------------------|
| 13 Town Wall and Towers     | 17 The Hof Kirche                  | 21 Pilatus from Lucerne |
| 14 The Spreuer Brücke       | 18 Relief on Wall of Hof Kirche    | 22 Lucerne from Pilatus |
| 15 End of the Kapell Brücke | 19 Frescoed House, Fruit Market    | 23 Rigi from Lucerne    |
| 16 A Street Fountain        | 20 Comic Silhouette, Quai National |                         |

## ON THE LAKE.

- |                          |                                  |                              |
|--------------------------|----------------------------------|------------------------------|
| 24 Lucerne from the Lake | 27 Tunnel near Sisikon           | 30 Tourists at Tell's Chapel |
| 25 A crowded Steamer     | 28 Uri Rothstock from Tunnel     | 31 The Axenstrasse           |
| 26 Concierges at Brunnen | 29 S. Gothard Train near Sisikon |                              |

## THE KISTEN PASS.

- |                             |                              |                       |
|-----------------------------|------------------------------|-----------------------|
| 32 Tödi from Baumgarten Alp | 33 Clouds on the Kisten Pass | 34 Tödi from Alp Rubi |
|-----------------------------|------------------------------|-----------------------|

## Via MALA AND SPLUGEN.

- |                               |                            |                                     |
|-------------------------------|----------------------------|-------------------------------------|
| 35 Thusis and <i>via</i> Mala | 41 The second Bridge       | 47 The Italian Custom House         |
| 36 The forlorn hole           | 42 Under the second Bridge | 48 Interior of an Avalanche Gallery |
| 37 A peep over the Parapet    | 43 The Hotel at Anderer    | 49 Above the Madesimo Fall          |
| 38 Looking back at Thusis     | 44 In the Ruffia Gorge     | 50 Below                            |
| 39 A Telegraph Pole Climber   | 45 The Roofs of Splügen    | 51 A triple Avalanche Gallery       |
| 40 Near the first Bridge      | 46 A Splügen Cow           | 52 Gallivaggio                      |

## LAKE OF COMO.

- |                          |                             |                             |
|--------------------------|-----------------------------|-----------------------------|
| 53 The Beach at Varenna  | 56 Menaggio, Hotel Victoria | 58 Bellagio from Menaggio   |
| 54 Varenna from the Lake | 57 " Harbour                | 59 Garden of Villa Carlotta |
| 55 Menaggio              |                             |                             |

## LAKE OF LUGANO.

- |                            |                                      |                          |
|----------------------------|--------------------------------------|--------------------------|
| 60 Carabinieri at Porlezza | 62 Gandria, S. Manette, from Steamer | 64 The S. Gothard Bridge |
| 61 S. Manette from Steamer | 63 Holiday Crowd on Steamer          | 65 Laveva from Steamer   |

## LAKE OF MAGGIORE.

- |          |                       |
|----------|-----------------------|
| 66 Luino | 67 Intra from Steamer |
|----------|-----------------------|

## MACUGNAGA AND MONTE MORO.

- |                                    |                                    |   |
|------------------------------------|------------------------------------|---|
| 68 Monte Rosa from Macugnaga       | 72 Pecetto and Monte Rosa          | 75 The Blanc Stein                            |
| 69 Interior of Macugnaga Church    | 73 A Waterfall Bath                | 76 Snow Bridge over the River                 |
| 70 Mortuary Chapel                 | 74 Monte Rosa from Monte Moro Pass | 77 The River burrows into the Allalin Glacier |
| 71 Evening Clouds on Cima di Yazzi |                                    |   |

## SAAS FÉE AND THAL.

- |                                  |                              |                               |
|----------------------------------|------------------------------|-------------------------------|
| 78 Clouds up the Saas Thal       | 90 Saas Fée from the Glacier | 102 Upper Fall                |
| 79 View of Alphubel from Bed     | 91 Fée Glacier and Dom       | 103 In the thick of it        |
| 80 The Lenzspitz from Village    | 92 Alphubel from Glacier     | 104 Tumbling Water            |
| 81 Hay Chalets                   | 93 " and Crevasses           | 105 A good load               |
| 82 A Village Cross               | 94 Allalinhorn and Féejoch   | 106 Goat on the Mountain Side |
| 83 The Dom in the Clouds         | 95 " from Lange Flue         | 107 Fine Pines                |
| 84 The Hoben Stiege Church       | 96 Sucking Icicles           | 108 Church of S. Anton        |
| 85 Interior with peep at Glacier | 97 Seracs on Fée Glacier     | 109 Outside a Visp Hotel      |
| 86 The Church with Dom           | 98 Eggner from Glacier       | 110 The old Church, Visp      |
| 87 A Wayside Shrine              | 99 A Fairy Cavern            | 111 The Charnel House         |
| 88 Sheep on Gletscher Alp        | 100 Almagell Church          | 112 The Road to Brieg         |
| 89 Dom from " "                  | 101 Lower Almagellbach Fall  |                               |

## OVER THE PETERSGRAT.

- |                                  |                                 |                                      |
|----------------------------------|---------------------------------|--------------------------------------|
| 113 Ferden and Lotschenthal      | 118 The top of the Pass         | 123 Arrival at Muthorn Hut           |
| 114 The Bietschhorn from Ferden  | 119 Getting food ready          | 124 Descending the Tschingel Glacier |
| 115 Tschingelhorn and Breithorn  | 120 Bietschhorn from Petersgrat | 125 View from Ober Steinberg         |
| 116 Preparing for the Snow Tramp | 121 Deep Snow                   |                                      |
| 117 Grand Panorama looking back  | 122 A huge Crevasse             |                                      |

## A SNAPSHOT RAMBLE AMONG THE ALPS—Continued.

## GRINDELWALD AND NEIGHBOURHOOD.

- 135 Upper Glacier Seracs and  
Schweizhorn
- 137 Milchbach Loch, General  
View
- 138 One of the Ladders
- 139 Mettenberg from Milchbach  
Loch
- 130 An Ice Bridge
- 131 Where Ice and Rock meet
- 133 Little Schreckhorn through a  
Waterfall

- 133 Eiger from the Enge
- 134 Mettenberg from the Enge
- 135 Drinking
- 136 In an Ice Grotto
- 137 Sawing Ice from the Glacier
- 138 Grave of a famous Guide
- 139 Wetterhorn and Graves of  
those who perished on it
- 140 Birds-eye view of Grindelwald
- 141 An Avalanche Gully
- 142 A Rock Scramble

- 143 Up a Rock Couloir
- 144 Gathering Edelweiss
- 145 Edelweiss gathered by the  
Photographer
- 146 Helping Soup on a Brienz  
Steamer
- 147 A Misty Day on Lake of  
Brienz
- 148 The Gorge of the Aar
- 149 Bend in the Gorge
- 150 Into the Daisness

## LR

## SWITZERLAND AND THE TYROL.

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- 1 Alpine Mountain Scene
- 2 " Mock Sun Effect
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- 4 Arth-Rigi, Railway Cutting  
through Forest
- 5 Basle, from Ferry
- 6 " Bridge
- 7 Bellinzona Castle
- 8 Berne, General View
- 9 Berne, The Clock Tower
- 10 Blumlis Alp, from Lake
- 11 Brigue and the Simplon
- 12 Castle of Chillon. Interior of  
Dungeon
- 13 Constance, from Cathedral  
Tower
- 14 Courmayeur, from Mountain
- 15 " Great Bridge, Col du Géant
- 16 Courmayeur. Mt. Blanc Her-  
mitage
- 17 " Col du Géant
- 18 " Grandes Jorasses
- 19 Fribourg and Bridge
- 20 Gasteren Thal, The Schilthorn
- 21 Gersau, from the Pier
- 22 " from the Hills
- 23 Geschenen. St. Gothard Pass
- 24 Gollau and the Rossherg
- 25 " Church
- 26 Handeck Falls
- 27 Hospenthal and the Reuss
- 28 Kalsbad Chapel, Sisters' Foun-  
tain
- 29 Kandersteg Cascade
- 30 " Bear Hotel, Mt. Lohner
- 31 Klosterli, on the Righi
- 32 Küssnacht, on Lake Lucerne
- 33 Lausanne, General View
- 34 Leukerbad, the Public Baths
- 35 Lugano, from the Park
- 36 Lungern, from Brunnig Pass
- 37 Lake Lowerr and the Mythen
- 38 Martigny, General View
- 39 " Cascade of Pis-savache
- 40 " the Gorge du Trient

- 41 Meiringen, Falls of Mählebach
- 42 " Cascade of Reichenbach
- 43 Mont Blanc and Chamouni
- 44 " Aiguille de Charmoy, from  
Mountainvert
- 45 " Glacier Aiguille du Géant
- 46 " Mauvais Pas
- 47 " Glacier des Boissons
- 48 " Glacier and Church, Ar-  
gentiere
- 49 " Grands Mulets
- 50 " The Cabin
- 51 " Great Crevasse, Passage  
Imp practicable
- 52 " Mer de Glace, near View
- 53 " Grand Pyramids
- 54 " Flegere
- 55 Mont Blanc, Travellers as-  
cending
- 56 " the Summit
- 57 " Les Ouches
- 58 " Sallanches
- 59 " Mürren Hotel, Elger  
Maench
- 60 Pfäfers, Tamina Gorge
- 61 Rhigi, Hotel at Summit
- 62 " Railway from above
- 63 " Railway Engine and Car  
coming down
- 64 " View from Railway at  
Romiti Felsenthor
- 65 " Grubis-Bahn Waterfalls
- 66 " Staffel
- 67 " Kulm, from Righi Staffe
- 68 " Bridge over Rothshu-  
bach Ravine
- 69 " " Righi Engine  
and Car
- 70 " Weggis, foot of the Righi
- 71 St. Bernard's Convent, Summer
- 72 " " Moonlight
- 73 " " Winter
- 74 " Group of Monks
- 75 " Chapel, Interior
- 76 " Alarm Bells

- 77 St. Bernard's Group of Dogs
- 78 St. Bernard Dogs rescuing  
Travellers buried in the Snow
- 79 Saint Gall, Panorama
- 80 " Cathedral, Exterior
- 81 " " Interior
- 82 St. Maurice and the South Gap
- 83 Schwyz Market-place and the  
Mythen
- 84 Sion, General View
- 85 Stanzstad and the Burgen-  
stock
- 86 " the Old Watch Tower
- 87 Vevey
- 88 Wasen, General View
- 89 " View from Churchyard
- 90 Rohrbach Falls
- 91 Zermatt. The Road to St.  
Nicholas. A Tight Squeeze
- 92 Zurich, General View
- 93 " Cathedral, Grand Pro-  
menade
- 93a Mountaineers overwhelmed  
by an Avalanche

## TYROL.

- 94 Innsbruck, General View
- 95 " Neustadt
- 96 " Valley of the Inn
- 97 Oetzthal, Ambach Gorge
- 98 " Au, Panorama
- 99 " Gaisburg Glacier
- 100 " Grand Pyramid
- 101 " Great Glacier
- 102 " Gurgl, View of
- 103 " Kuiser, General
- 104 " Langthall, Glacier Br.
- 105 " Mustreberg Valley
- 106 " " Glacier and Lake
- 107 " Rothmoos Glacier
- 108 " Stuhshaythal, General
- 109 " " from Gasteig

TRADE



MARK.

# **L Q** "OBERAMMERGAU:"—THE SCENE OF THE PASSION PLAY.

*Arranged by a Visitor resident in the Village for four months during 1890.*

*Beautifully Painted Views, 5s.*

*Figure Subjects, 7s. 6d. } Plain Slides, 1s. each.*

- 1 Murnau—formerly the Terminus of the Railway
- 2 The Staffelsee—as seen from the train at Murnau
- 3 Oberau—the Church with the little Chapel on the hill-side, built out of offerings made by travellers after descending the old road down the Estal Mountain
- 4 The New Road from Oberau to Ettal and Oberammergau
- 5 Paper Factory at Unterberg, in Oberau—showing incongruity of matter-of-fact utilitarianism in such a charming spot
- 6 Ettal—Exterior of the Monastery and Church
- 7 " Interior of the Church
- 8 Distant View of the Kofel
- 9 Entrance to the Village of Oberammergau (Church in distance). Spot near where the Village Band and Fire Brigade started for their procession to the Theatre at 7 p.m. on the preceding evening, and at 5.30 a.m. on the morning of each representation of the Passions Spiel
- 10 Oberammergau Church Interior—East End. Note Pulpit from which Pfarrer Daisenberger preached. Read from his sermon, p. 9 in Archdeacon Farrar's book on the Passion Play
- 11 Interior Oberammergau Church—showing organ which is to be renovated as an English offering, towards which sums from one shilling upwards, or cheques made payable to Sir Samuel Scott, may be sent to Sir Samuel Scott, Bart. & Co., Bankers, 1, Cavendish Square, W.
- 12 Washing—illustrative of the manner of washing clothes by those who live near the banks of the Ammer
- 13 Bird's-eye view of Oberammergau, from the top of the Kofel
- 14 Oberammergau, looking towards S. Gregory's Chapel
- 15 Calvary Group, given in 1875 by the late King Ludwig II.
- 16 Post Omnibus—illustrative of the Country Postal Conveyances
- 17 "Herrgottschnitzer" Cafe—sample of one of the extra Restaurants open during the "Passion" Season (this was very popular and good)
- 18 "Gasthaus zur Löwen"—one of the Inns. Frescoes on outside; (this was closed after the season)
- 19 Schulhaus—The Schoolmaster lives in the bottom story. The Schoolrooms are above
- 20 Joseph Mayer's House
- 21 The Burgermeister's House—Kofel in the distance
- 22 Herrgottschnitzer (crucifix figure carvers) at work. Sebastian Zwink and his son Oskar
- 23 "Mittag-essen."—Returning at noon after morning's work in fields—two oxen in waggon
- 24 Wayside Cross—figure passing in foreground
- 25 "Prosit"—illustrative of convivial gathering
- 26 "Angelus" (Ave Maria)—illustrative of silence during the few minutes while the church bell is ringing the Angelus
- 27 The Oberammergau Village Band—see picture number 9
- 28 Theatre—Exterior
- 29 Theatre—Interior, looking towards stage
- 30 Theatre in process of demolition, looking towards auditorium (boarded up)
- 31 Theatre in course of demolition, looking towards stage, without the houses of Annas and Pilate and the streets of Jerusalem
- 32 Illustrative of sawing, chopping up, and carrying the firewood
- 33 Sledge for bringing down wood, &c., from the mountains—women in characteristic head-coverings
- 34 Illustrative of Hay-making—Man with pitchfork—Hay-stacks—Hay-cock Frames—Child sitting in wheel-barrow holding kittens
- 35 Chimney-sweeps of the country in their costume
- 36 "Hochzeit"—illustrative of wedding festivities
- 37 Rathhaus—Doctor in sledge—Herrn Gruber and Anderl, Schoolmasters
- 38 Santa Klaus (S. Nicholas Day), Nikolaus bringing cakes and presents for children
- 39 Nikolaus and children group
- 40 Bringing in the Christ-baum (Christmas Tree)
- 41 Illustrative of Costume—group of figures

## **L N**

## **HOLLAND AND ITS PEOPLE.**

*Beautifully Painted, 5s. ; Plain Slides, 1s. each.*

*READING for the first 50 Slides, 6d.*

- 1 Holland from the Steamer
- 2 Rotterdam, The Boompjes
- 3 " The Leuve Haven Canal
- 4 " The Oude Haven Canal
- 5 " Old House in Market Place
- 6 " The Spui Water Canal
- 7 " The Delfschevari Canal
- 8 " The Flower Market
- 9 A Peasant Woman's Head-dress
- 10 Dordrecht, a bit of Dordt (Canal View
- 11 " The Cathedral
- 12 " A Wind Saw Mill
- 13 " The Town Hall
- 14 " The East Gate (Oos Port)
- 15 Scheveningen, The Village Street
- 16 " From the Lighthouse
- 17 " Fishing Boats on the Beach
- 18 " The Beach (Summer)
- 19 Leyden, The Town Hall
- 20 Haarlem, Cathedral and Market Place
- 21 Windmill near Haarlem
- 22 Alkmaar Town Hall and Canal
- 23 A Rustic Cart drawn by Dogs
- 24 A North Holland Farm
- 25 One of the North Holland Dog Carts
- 26 Hoorn, The Harbour, &c.
- 27 " The Old Water Gate
- 28 Marken, The Village from the Harbour
- 29 Street in Marken, The Little Boys
- 30 Marken, some of the Little Girls
- 31 A Family Group of Marken People
- 32 Marken Men and Girls in Holiday Attire
- 33 " Girls and Boys in their Best Clothes
- 34 Amsterdam, from the Harbour
- 35 " Prins Hendrik Kade
- 36 " Damrak—The Street
- 37 " Landing the Morning Milk
- 38 A Volendam Fisherman, North Holland
- 39 Amsterdam, View on the Singel Canal
- 40 " Flower Market on the Singel
- 41 " Montel Baens Tower
- 42 " Old Weigh House and Market
- 43 " The Fish Market Quay
- 44 " The Great Church and Street
- 45 " The River Amstel
- 46 " The Vegetable Market
- 47 Zaandam, from the Harbour
- 48 A Sailing Barge on the Zuyder Zee
- 49 Utrecht, Cathedral, Tower, and Town Hall
- 50 " Houses along the Old Canal

LT

## THE SPANISH-AMERICAN WAR

Most of these Slides are made direct from spirited original drawings by  
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" " *Views, 5s. each.*

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| <ol style="list-style-type: none"> <li>1 Map of the West Indies</li> <li>2 The young King of Spain and his Mother</li> <li>3 Cuban insurgents repulsing Spanish Cavalry</li> <li>4 Spanish troops for the front marching through San Juan, the capital of Puerto Rico</li> <li>5 Admiral Dewey</li> <li>6 Admiral Dewey destroying the Spanish Fleet</li> <li>7 American Artillery at Tampa</li> <li>8 U.S. Soldiers on the march in their campaigning uniforms</li> <li>9 Generals Shafter, Wheeler, and Lawton</li> <li>10 The Rough Riders attacked on the mountain at Siboney</li> <li>11 Santiago. Attack on Morro Castle by 83rd Michigans</li> <li>12 10th Dragoons, U.S. Regular Army (coloured regiment) skirmishing</li> <li>13 Santiago. In the thick of the fight</li> <li>14 Launches of the U.S. Battleship "Marblehead" cutting the Cable under fire from the forts</li> <li>15 Tween decks of U.S. warship. Preparing for action off Santiago</li> <li>16 Bombardment of Puerto Cabello Harbour, showing Fort and Custom House</li> </ol> | <ol style="list-style-type: none"> <li>16 A Race for Life. Spanish torpedo Boat "Terror" chased by two U.S. Warships. Night scene</li> <li>17 Destruction of Cervera's Fleet, Spanish Vessels ashore</li> <li>18 The "Oquendo" after 13 minutes engagement</li> <li>19 Flag of Truce brought into camp by a priest after the fight at R. Taney</li> <li>20 San Juan. Fighting at El Poso. Storming of the Hill</li> <li>21 General Sumner and Staff. The end of the truce</li> <li>22 The opening of the Battle of San Juan</li> <li>23 Night time in the U.S. Lines. The living and the dead</li> <li>24 Getting the Artillery into position</li> <li>25 The Battle of San Juan. The Bombardment view from the American Lines</li> <li>26 The Battle of San Juan. Held up in an ugly corner</li> <li>27 The Surrender of Santiago. Meeting of the American and Spanish troops</li> <li>28 Hoisting the U.S. Flag on the Governor's Palace at Santiago</li> </ol> |
|---|---|

8LS

## SPAIN AND PORTUGAL.

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" " *Figure Subjects, 7s. 6d.*

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|--|--|--|
| <ol style="list-style-type: none"> <li>1 Map of Spain</li> <li>2 Aranjuez. The Royal Palace from the Gate of the Gardens</li> <li>3 Arecena, Spanish Church</li> <li>4 Barcelona, from Montjuich</li> <li>5 " Street in</li> <li>6 " Ancient Roman Bridge</li> <li>7 " Moniserrat, Monastery</li> <li>8 Biarritz, Tunnel of the Virgin from Lighthouse</li> <li>9 Burgos. Street, showing Cathedral</li> <li>11 " Cathedral, Gen. View</li> <li>12 " Doorway</li> <li>13 " Market Place</li> <li>14 " Bridge and Gateway</li> <li>15 Cadiz, General View</li> <li>16 Cordova. Bridge over Guadalquivir</li> <li>17 " Court of Oranges, etc. Moorish Fountain</li> <li>18 " Tower in Court of Oranges</li> <li>19 " Church Cloister and Street</li> <li>20 " Entrance to Mosque</li> <li>21 " Tower of Mosque</li> <li>22 " Interior of Mosque</li> <li>23 Corboga. A Town on the Zaira Railway from Huerva</li> <li>24 Cuenca, Palace of Inquisition</li> <li>25 The Escorial Palace and Monastery</li> <li>26 " Queen's Chamber, Int.</li> <li>27 Fuenterrabia</li> <li>28 Granada. Alhambra</li> <li>29 " Alhambra, Gen. View</li> <li>30 " Court of Lions</li> <li>31 " Arch in Court of Myrtles</li> </ol> | <ol style="list-style-type: none"> <li>32 Granada, Exterior Wall</li> <li>33 " Entrance, from Int.</li> <li>34 " Window</li> <li>35 " Wall, Court of Lions</li> <li>36 " The Great Vase</li> <li>37 " Torre de las Infantas Ext. Walls</li> <li>38 " Gipsy Caves</li> <li>39 " Group of Spanish Gipsies</li> <li>40 " Group of Spanish Beggars</li> <li>41 " Spanish Dancers</li> <li>42 " The Sierra Nevada</li> <li>43 " Generalife and San Nicholas</li> <li>44 " From the Alhambra</li> <li>45 " Gate of Justice</li> <li>46 " Myrtle Court</li> <li>47 " " (upper)</li> <li>48 " Winter Palace</li> <li>49 " Court of Lions (Roof)</li> <li>50 " Entrance to Hall of Ambassadors</li> <li>51 " Hall of Ambassadors</li> <li>52 " Court of Two Sisters</li> <li>53 " Alhambra, Hall of Justice</li> <li>54 " " Court of Abencerrages</li> <li>55 " " Hall of the Three Princesses (ceiling)</li> <li>56 " " Gardens</li> <li>57 " King Charles Well</li> <li>58 " Torre de la Vela</li> <li>59 " a Gipsy</li> <li>60 " a Wa'er seller</li> <li>61 " a Milkman</li> <li>62 " Fandango Dancers</li> <li>63 " Spanish Dancer</li> <li>64 " On the Roadside</li> </ol> | <ol style="list-style-type: none"> <li>65 Granada, The Guard</li> <li>66 " The Generalife from Alhambra</li> <li>67 " The Generalife</li> <li>68 " Sultana's Cypress</li> <li>69 Laroda Junction (between Granada and Seville). Passengers waiting for Train</li> <li>70 Madrid, General View</li> <li>71 " Palace of the Queen</li> <li>72 " " Cortes</li> <li>73 " Place of Fuerta del Sol</li> <li>74 " Royal Palace, Interior</li> <li>75 " Picture Gallery</li> <li>76 " Group of Beggars at Door of Cathedral</li> <li>77 Malaga, The Harbour</li> <li>78 " Fishman</li> <li>79 " Spanish Bull Cart</li> <li>80 " Harbour</li> <li>81 " Cathedral</li> <li>82 " View of Gibraltar from the Cathedral Window [the Jetty]</li> <li>83 " View of Gibraltar from Street in Square</li> <li>84 " " "</li> <li>85 " " "</li> <li>86 Orduna. Calling the people to an early morning procession on Good Friday</li> <li>87 Pamplona, Panorama from Citadel</li> <li>88 Salamanca, Panorama of</li> <li>89 Saragossa, Market Place</li> <li>90 San Sebastian. General View from the Corcha</li> <li>91 " General View from Carretera de Hernani</li> <li>92 Segovia. General View, with Roman Aqueduct in the distance</li> </ol> |
|--|--|--|



## SPAIN AND PORTUGAL—Continued.

93 Segovia, Roman Aqueduct, from outskirts	115 Seville, Plaza de la Constitucion	140 Spanish Plough
94 " Roman Aqueduct	116 " Boulevard ho Delicias and Torre del Oro	141 A Spanish Copper Mine
95 " Cathedral (1)	117 " The Bull Ring	142 In the Orange Gardens
96 " Cathedral (2)	118 " The Bull Fight	143 Group of Civil Guard
97 " Town Hall {Street	119 General View of the Palace of San Telmo	144 A Dustcart (Seville)
98 " Church Cloisters and	120 Tarragona, General	145 Spanish Peasants in Market Place
99 Seville, Corner of Plaza de la Constitucion	121 Toledo, Street. No. 1	146 Returning from Market
100 " Cathedral, Gen. View	122 " " No. 2	147 Spanish Washerwomen
101 " Cathedral	123 " Puerto del Sol, from City side	148 Washerwomen under the Orange Trees
102 " looking N.	124 " Puerto del Sol, from Country side	149 Spanish Cook and Housemaid
103 " Cathedral and Quay	125 " Castle of Don Cervantes and Bridge Alcantara	150 Point of La Peña, looking towards Portugal
104 " Court of the Damsels, Alcazar Palace	126 " Market Place, II.	151 Hermitage on La Peña, showing Quartz Rock
105 " S.W. Corner of the Cathedral	127 " " " Alcantaria	
106 " Fountain in the Court of Oranges in the Cathedral	128 Toledo, Bridge of Alcantaria	152 Alcabaca, Convent of
107 " Street of the Sierpes	129 " Panorama & Cathedral	153 Cintra, Castle of Pegna
108 " In the Bull Ring before the Flight	130 Valencia, the Exchange	154 Coimbra, Modern Church of Santa Cruz
109 " Paths of the Casca de Bilatos, Pilates House	131 Pupils learning the relative positions of the planets on an open-air model at a school in Granada	155 Cape St. Vincent
110 " Gateway of an Old Mansion	132 Easter in Spain. Dancing before the Cardinal	156 " Showing Needle
111 " Plaza de la Pacific (Square of Peace)	133 King Alfonso about to start for the Military Manœuvres	157 Huelva, Convent of Rabada
112 " Al Casa Palace and W. Front of Cathedral	134 King Alfonso and Colonel Lariga in the Caro de Campo	158 " Falls in the Convent of La Rabada
113 " The Court or Saloon of the Ambassadors. The Acasa	135 An Olive Orchard, Alalarossa	159 " Memorial to Columbus at the Convent of La Rabada
114 " Aroode in the Casa de Bilato	136 Aloes, just Breaking	160 Lisbon, General View
	137 Spanish Mule Saddle	161 " Bullock Waggon
	138 Spanish Beehive	162 " Port of
	139 Spanish Baker on his Round	163 " before Earthquake, 7s. 6d.
		164 " after Earthquake
		165 Oporto, Notre Dame

## PORTUGAL.

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.



# V X THE TRANS-SIBERIAN RAILWAY FROM HANOVER TO WEI-HAI-WEI.

From a Series of direct Negatives received prior to the War.

*Beautifully Painted Slides, 5s. each. Plain Slides, 1s. each.*

- 1 Station at Hanover
- 2 Statue of Frederic the Great in Grove of Ancestors. The minor figures are Von Schwerin, Johann Sebastian Bach
- 3 Church near the Emperor's Palace, Berlin
- 4 Good Comrades on the Unter den Linden, Berlin
- 5 Near the Reichstag, Berlin. The Reichstag is the building behind the Electric Car
- 6 Brandenburg Gate, Unter den Linden, Berlin—Changing Guard
- 7 A Street Corner in Moscow, part of the Kremlin
- 8 Nitjui-Novgorod
- 9 Nitjui-Novgorod, the town where the Mediseval Fair is held annually
- 10 A horse and carriage crossing the Volga on Ferry Boat
- 11 A Monastery on the Volga
- 12 A Convict Barge going to Siberia with convicts
- 13 A pretty village and fleet of barges at anchor
- 14 A bit of the bank on the Volga
- 15 The town of Kazan
- 16 A typical raft on the Volga
- 17 Barges towed by Steamer
- 18 Place where the Kama runs into the Volga
- 19 Barges at anchor in Kama
- 20 A landing-hulk and village on Kama
- 21 Tag towing barges, a common sight
- 22 A village on the Kama
- 23 A bit of the bank on Kama, windmills and stacks
- 24 Pretty village, with women washing clothes in foreground
- 25 A landing stage
- 26 Village and foreshore on the Kama
- 27 The Steamer in which we travelled
- 28 A familiar Winter scene in Siberia
- 29 The ordinary sledge used in Winter in Siberia
- 30 Winter scene in Ekaterinberg
- 31 British and Foreign Bible Society's Depot at Ekaterinberg—Winter, showing baggage sledge
- 32 Another view of B. & F. Bible Society's Depot in Ekaterinberg in Winter
- 33 View of river at Ekaterinberg
- 34 Cathedral at Ekaterinberg
- 35 Street in Ekaterinberg
- 36 View near station en route from Cheljabinsk to Ekaterinberg
- 37 The River Meass and bridge at Cheljabinsk
- 38 Group of Siberian workmen, mostly shoeing-smiths
- 39 Convicts working in the street at Cheljabinsk
- 40 Hospital and Superintendent Doctor of Emigrants' Compound, Cheljabinsk
- 41 Forwarding Station for Emigrants at Cheljabinsk—View of the Compound
- 42 Another view of Emigrants' Compound, Cheljabinsk
- 43 The Market Place and Cathedral at Cheljabinsk
- 44 A Siberian village, from the train
- 45 British and Foreign Bible Society's Colporteur, Nicolai Konopleff, taken at Bogodol station
- 46 Station at Olynskar
- 47 Siding taken from the observation car—Men working on the line wearing black veils to protect from mosquitoes, flies, &c.
- 48 The train de luxe at Sema Station, showing the observation car
- 49 A street in Irkutsk
- 50 View of River Angora and the town of Irkutsk
- 51 Train at Baikal station, showing the engine arranged for burning wood; also water tower, &c.
- 52 Harbour and Lighthouse, Lake Baikal—Western side
- 53 Church at Missovaya, which is the terminus on the eastern side of Lake Baikal
- 54 A station, with women selling beer, bread, milk, &c.
- 55 The train—Corridor with a platform at the end of each carriage
- 56 A family group of peasants, Siberia
- 57 Scene in the Forest
- 58 Near the station of Chiloik
- 59 Men working by side of the line
- 60 Scenery made up of pine and silver birch-clad hills lovely plains resplendent with flowers, and winding rivers with sands
- 61 Portrait of a murderer who dashed out the brains of his little child—In the prison, Tchita
- 62 Group of prisoners in the convict forwarding prison at Tchita
- 63 Model of a Buddhist Temple (Buddhist) in the Exhibition grounds at Tchita, the first town in Siberia after leaving Manchuria
- 64 View near River Ingoda and Engadi. Everywhere huge trees are lying ready to be cut into firewood or carried away
- 65 Typical party of Emigrants from Russia into Siberia
- 66 View of steamer being built to show how Chinese workmen are making way in Siberia—All the artisans working on this construction were Chinese
- 67 Steamer on River Amur
- 68 Vladivostok—View of the Pacific terminus of the Trans-Siberian Railway
- 69 A begging priest, friend of one of our party
- 70 Russian Emigrants camping out in Manchuria
- 71 Another party of Emigrants camping out in Manchuria
- 72 Houses of military guard of railway, Manchuria, by side of line
- 73 Russian peasantry in camp at Dainie, No. 2
- 74 Zigzag ascent of train at Gonyhis Khan, Manchuria
- 75 Summit of zigzag ascent
- 76 View taken at 8 p.m. (local time) at Ta Shih Ch'iao (Great Stone Bridge), in Manchuria, showing dwellings in course of construction for railway guard and other military officers
- 77 Curious hills at Shning Yao Ch'eng, Manchuria
- 78 Station at Kingchow, in Manchuria—The train and passengers on platform
- 79 Entrance to Port Arthur
- 80 British men-of-war leaving the harbour at Wei-hai-wei
- 81 Entrance to Wei-hai-wei, with British ships
- 82 Wei-hai-wei, showing business quarter and Chinese boats
- 83 Promontory and lighthouse Province of Shantung, China

TRADE

MARK.



# TRIP TO THE BALTIC, DENMARK, SWEDEN AND RN NORWAY.

*Beautifully Painted Views, 5s. each; Plain Slides, 1s. each.*

- 1 Kiel Canal, German Warship, "Kaiser Friedrich II."
- 2 " " Village on the bank of the Canal
- 3 " " German Warship, "Woerth"
- 4 " " German Trader
- 5 " " German Warship
- 6 Copenhagen, A Danish Port
- 7 " " Bernstorff Palace, where Queen Alexandra was born
- 8 " " View from landing stage of Ny Strand Pavilion (sea front)
- 9 Elsinore, Steamer leaving the Harbour
- 10 Gothenberg, Falls of Trollhat-
- 11 " " " " ton
- 12 " " " "
- 13 " " " " View of Falls from the top of the tower of Hotel
- 14 " " Trollhattan Church
- 15 " " A small fall close to the King's Grotto

- 16 Gothenberg, A Ship passing through Gothu Canal Locks
- 17 Christiania Fjord
- 18 " " View from Oscar Hall
- 19 " " " "
- 20 " " Holmenkollen "
- 21 " " Entrance to the Norske Town
- 22 Hardanger Fjord, Village
- 23 " " A Sailing Boat
- 24 " " Village
- 25 Odde, Odde Mountains from the boat
- 26 " " General View
- 27 " " On the way to the Laatefos and Espelandfos Falls
- 28 " " On the way to the Laatefos Fall, looking towards Odde
- 29 " " The Folgefond Glacier
- 30 " " Espelandfos Falls
- 31 " " " "
- 32 " " Laatefos Falls "

- 33 Odde, Laatefos Falls
- 34 " " Hildafos Falls
- 35 " " On the Mountain side
- 36 " " Sor Fjord
- 37 " " " "
- 38 " " " "
- 39 Bergen, from the Boat
- 40 " " " "
- 41 " " Mr. Cotes' Steamboat
- 42 " " Fishing Harbour
- 43 " " " "
- 44 " " Fish Market
- 45 " " Police Station
- 46 " " Main Street
- 47 " " Donkerke Platsen Church
- 48 " " Avenue and Hills showing the wayhouses are built
- 49 " " " "
- 50 " " Garman Gade
- 51 " " Viking Church
- 52 " " Small sailing boat
- 53 " " Market Square
- 54 s.r. " Ceylon

## LV

## RUSSIA AND THE RUSSIANS.

*Beautifully Painted Figures, 7s. 6d. } Plain Photographs, 1s. each.*  
*Views, 5s. }*

- 1 Map of Russia
- 2 Kasan-on-the-Volga
- 3 Moscow, General View
- 4 " " Bridge over River
- 5 " " Church of the Assumption
- 6 " " of St. Basil
- 7 " " of the Moscow
- 8 " " Convent of Troitsky
- 9 " " Monument Place, Rouge
- 10 " " The Kremlin
- 11 " " Int., Sacred Crown
- 12 " " St. Andrew's, Interior
- 13 " " St. Andrew's Chair
- 14 " " St. George, Interior
- 15 " " Petrowski Palace
- 16 " " The Great Bell
- 17 " " The Great Cannon
- 18 " " The Museum
- 19 " " Porte Rouge
- 20 " " Private Carriage, Sumr.
- 21 " " Drosky
- 22 " " Omnibus
- 23 " " Girl in Holiday Costume
- 24 " " The Czar
- 25 " " Salle de Tusir
- 26 " " Salle a Newst
- 27 " " Tertuina Palace
- 28 " " Guard's Room
- 29 Tertuina, Pal Triumphal Arch

- 30 Nijni, Junction, Oka and Volga
- 31 Nijni Novogorod
- 32 Odessa, General View
- 33 " " Port, Statue of Richellieu
- 34 " " The Quay
- 35 St. Petersburg, General View
- 36 " " Amaraniti Tower
- 37 " " Bridge of St. Nicholas
- 38 " " Bridge from Vistula
- 39 " " Cathedral
- 40 " " Church of Transfiguration
- 41 " " Church of St. Isaac
- 42 " " Gatchina Palace
- 43 " " " " Corridor
- 44 " " Gallery of the Logos
- 45 " " of Sculptures
- 46 " " Ice Hills
- 47 " " Marble Palace
- 48 " " Museum of the Hermitage
- 49 " " Nava and the Bourse
- 50 " " Panorama
- 51 " " Palace of the Olga
- 52 " " of Iva and Bridge
- 53 " " Peterhoff. Salon
- 54 " " " " Dining Salon
- 55 " " Tsarskoe-Selo. Cabinet
- 56 " " Peter the Great Statue
- 57 " " Smolna Convent

- 58 St. Petersburg, Statue of St. Paul
- 59 " " Statue of St. Peter
- 60 " " Winter Palace
- 61 Kiew, General View
- 62 " " from Promenade
- 63 " " Port Statue St. Vladimir
- 64 Cracow, General View, Poland
- 65 Warsaw, Saxe Square, Poland
- 66 " " The Prague
- 67 " " Cathedral, Interior
- 68 " " Bridge over Vistula
- 69 Russian House
- 70 Lesnoi Village

### Siberia. Figures, 7s. 6d.

- 71 Alexandreffsky Barrack
- 72 " " Great Central Prison
- 73 " " Governor's Daughter in Polish Costume
- 74 Amoor, Group of Gelyaks
- 75 " " Chabarofka, Goldes Man and Woman
- 76 " " Nikoiaefsk, Etappe Prison
- 77 " " Archhhop. of Karanoiarsk
- 78 Nijni, Gold Mine Machine House
- 79 Kara-Asming Convict Gold Mine
- 80 Ostjaks and Bark Hut on the Obi

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## LV

## RUSSIA AND THE RUSSIANS—Continued

- |  |  |  |
|--|--|--|
| 81 Caspian Sea, Group on a Steamer   | 108 Nigni Novgorod Fair, Fountain and Group  | 185 Volga. Prussian Peasants afloat  |
| 82 Caucasus  | 109 " Caucasus & Mercury Co.'s Pier on the Volga   | 196 " A group on the Kazan Pier  |
| 83 " Mountains, Mt. Kusbec   | 110 " Main Building  | 198 " Russian Peasants afloat  |
| 84 " Pass on the   | 111 " Beggars  | 199 " Timber Raft  |
| 85 " Pass, Post House near the Summit  | 112 " Chinese Row  | 140 " Steamer  |
| 86 " Summit of Pass in the   | 113 St. Petersburg. Fortress Church and Neva River   | 141 " Russian Monjiks on a pier  |
| 87 " Fort  | 114 " Winter Palace  | 142 " Peasants selling on a pier   |
| 88 " Russian Military Stores crossing the  | 115 " Winter Palace Gateway  | 143 " Group on a steamer   |
| 89 " Farmers in the  | 116 " Great Mammoth Museum   | 144 Monjiks  |
| 90 " Reapers in the  | 117 " S. Alexander Nievski Monastery   | 145 Beating skins  |
| 91 Moscow, Cathedral of the Assumption where the Czars are Crowned                                   | 117a " The Enlargement of the Imperial Public Library. The Russian Minister of Education performing the Opening Ceremony | 146 Russian policeman  |
| 92 " Church of S. Basil and Gate of Kremlin  | 117b St. Petersburg. The Exterior of the Library, showing the New Wing   | 147 Monjiks  |
| 93 " Kremlin. The Great Bell   | 118 Petrovsk. Landing stage  | 148 Peasants   |
| 94 " Great Bell  | 119 " Bathing  | 149 Monastery  |
| 95 " Kremlin. The Great Cannon   | 120 " A halt (Caspian Sea)   | 150 Beating down a Droski  |
| 95a " The Kremlin  | 121 Sevastopol, Cathcart Hill Cemetery   | 151 Basket Seller  |
| 95b " " The Throne Room, showing the thrones occupied by the Czar, Czarina, and the Heir Presumptive | 122 " Naval Landing Stage  | 152 Pier   |
| 95c Moscow, The Kremlin, A simple Guest-chamber in the old Palace                                    | 123 " Harbour  | 153 Fountain   |
| 96 Moscow, Nicholas Gate   | 124 " Harbour. The steps from Sea  | 154 Group at Fountain  |
| 97 " Street Scene  | 125 " Fort, Harbour from Sea   | 155 Drove of Oxen  |
| 98 " Thieries Market   | 126 Tiflis   | 156 Fair Gardens   |
| 99 " Market Place  | 127 " Market Place   | 157 Restaurant, Keskir Mimi  |
| 100 " Entrance to the Temple of the Saviour  | 128 " Street Scene at  | 158 Russian Policeman at Reval   |
| 101 " and St. Petersburg. Guard of night express   | 129 " Shop for Astrakhan Skins   | 159 Helsingfors, Finland Market Place  |
| 102 " Restaurant and Keeper  | 130 Volga. Sounding in shallow water   | 160 Finnish Scene. Women in Boat   |
| 103 " The New Cathedral  | 131 " Bridge over  | 161 Iksanen. An Elk at   |
| 104 " Slavianski Bazaar  | 132 " Timber raft  | 162 Russian Beggar   |
| 105 " " Facade of Bazaar   | 133 " Bargaining Kaynan Ree  | 163 The Czar at Livadia  |
| 106 " " Main entrance to   | 134 " Napht Station  | 164 The baptism of the Tsarevitch: The Infant Heir of all the Russiads carried through the Portrait Hall of Peterhof on his way to the Chapel, August 24th, 1904 |
| 107 Nigni Novgorod Fair, General View  |  | 165 Russian Military activity in Eastern Siberia. Russian Engineers erecting a Telegraph-line between Vladivostok and Constanti-Novelsk                          |

## RUSSIA, SIBERIA, AND MANCHURIA.

- |  |  |  |
|--|--|--|
| 167 Gensan, Fish Market.                                   | 174 Siberian Railway Station.                        | 179 Moscow, Cathedral of St. Michael.              |
| 168 Harbine, The Bund.                                     | 175 " " Water Tower at every Station on the Line     | 180 Moscow, Cathedral of St. Saviour.              |
| 169 " Street Musician.                                     | 176 " Siberian Railway, Bnyng Melons at the Station. | 181 Vladivostok, Station.                          |
| 170 Irkutsk, Scenery near.                                 | 177 Moscow, The Kremlin.                             | 182 " Harbour Scene.                               |
| 171 " Market.  | 178 Moscow, View from the Kremlin.                   | 183 " Sailors' Market.                             |
| 172 " Crossing Lake Baikal.                                |  | 184 The "Baikal" Steaming into Harbour.            |
| 173 Manchuria, Emigrants Sleeping on the Platform Station. |  | 185 The "Baikal" Steaming into Harbour, near view. |
| 175 Siberia, Zlatonst.                                     |  |  |

## YA

## THE REVOLT IN RUSSIA.

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*Beautifully Painted, 5s. and 8s. 6d.; Plain Slides, 1s. each.*

- |   |   |   |
|---|---|---|
| 1 St. Petersburg, Calman and his Vehicle: Materials for Barricades.                       | 8 The Troops Firing on the Strikers.                                | 17 Military Travelling-kitchen for Soldiers in St. Petersburg.                                  |
| 2 " Alexander Column.   | 9 Strikers on the Way to the Winter Palace.                         | 18 The Troops Guarding the Palace after the Riots.  |
| 3 " Winter Palace.  | 10 Moscow, The Kremlin and the Neva Frozen Over.                    | 19 Russian Troops Burying Bodies at Night after the Revolt.                                     |
| 4 " Repulsing the Strikers with Sword, Whip, and Gunshot opposite the Admiralty Building. | 11 With the Boziaks: Gorky's old associates.                        | 20 The Old Royal Body Guard of Russian Soldiers: Winged warriors.                               |
| 5 " Strikers Facing the Factory Guard: A scene outside one of the Government works.       | 12 The Tsar's Iroika, or Three-horsed Carriage.                     | 21 Old Russia, Buried before Beheading: The Boryars' vengeance of the Polish captors of Moscow. |
| 6 The People's Scourge: A Circassian Cossack.   | 13 The Tsar's Shrine: the most sacred in Moscow.                    | 22 A Student Directing Peasant Attack upon a Russian Country House.                             |
| 7 Church Built on the Scene of Alexander II.'s Assassination.                             | 14 A Peasant leaving a Shrine in Street in Moscow.                  | 23 The First of the Russians: The Scandinavian hero, Rurik                                      |
|   | 15 The Massacre of Strikers on the Troitzky Bridge, St. Petersburg. |   |
|   | 16 The Strikers Barricading the Streets.                            |   |

## MF

## NORWAY AND ITS FJORDS.

*Beautifully Painted Views, 5s.**Figure Subjects, 7s. 6d.**Plain Slides, 1s. each.*

1 Balhømen. The Quay	35 In the Norwegian Fjords, Cloud effects, No. 2	67 In the Romsdal. Showing Houses
2 " " with Beach	36 " " " No. 3	68 " " The Romsdalshorn
3 " Fjord	37 " " " No. 4	69 " " The Trolltenderne
4 " " Head of	38 " " " No. 5	70 " " Tristle Bridge
5 " Village	39 " " " No. 6	71 " " Carriole - driver's Cottage
6 " " from Hotel	40 Grøvensand Church	72 " " At Hørghelm
7 " Balestrand	41 Gudvangen, View at	73 " " Upper end
8 " Farm	42 " " shewing	74 " " Waterfall
9 " Seven Sisters	43 " " " Viking Hotel	75 Skogstad, Cornfield
10 " Waterfall near	44 Hønefoss, from opposite side of Fjord	76 Sognefjord, from Aurland Pier
11 Bergen. Suhrh	45 " " Saw Mills and Timber Raft	77 Stalheim, General View
12 " Fantoft Church	46 Hamledal, Carriages and Stolk-	78 " On the Cliff (Carriole)
13 " Entrance	47 Luedalskron joerre	79 " The Noerødal
14 Borgund. Church	48 Lardalspren, General View	80 " In the Noerødal
15 " West door	49 " Street in	81 " Hotel, Noerødal
16 Christiania. General View	50 Naerø Fjord, The "Chimborazo"	82 Trondheim. Cathedral
17 " nearer	51 Naerø Fjord, The "Chimborazo," on Deck	83 " " Entrance to
18 " The Quay	52 " " " on Board	84 " " Interior
19 " The Parliament	53 Nysteyn, Buildings at Water-	85 " " Lower Nerfos
20 " House	54 " side	86 " " shewing boats
21 " Koenig Platz	55 " Kerke Saster, near	87 " Upper "
22 " Modern House	56 " Odde, The Bruerbroe	88 " Restaurant at
23 " Ancient Cottage	57 " Hotel on Hardanger	89 " Nerfos
24 " Stabous	58 " Fjord	90 " The Valley of the
25 " In Fjord	59 " Hardanger Hotel	91 " Nid
26 " Viking Ship	60 Oetra, Slide Church	92 " from opposite side
27 " Training Ship	61 Oyle, Old Houses	93 Tvinde. Woman
28 " Curious gateway	62 Randsfjord Ordnance, Cornfield	94 " Hotel
29 " near	63 " The Ringedalsvand	95 " Lake and Moun-
30 Christiansand and s.s. "Angelo"	64 " Falls at,	96 " tain Scene
31 Esse Fjord. Naes, view at, from land	65 " near Odde	97 " River and Bridge
32 " " from Fjord	66 " Gorge on the	98 " Falls on the Road
33 " " shewing boats	67 " the way to	99 " from Elide to
34 " " and landing stage	68 " " " "	100 " At Vinde, near
35 " " Head of, (before Sunrise)	69 " " " "	101 " Married Woman and Widow
36 " " " "	70 " " " "	102 " Kone Fra Sogn
37 " " " "	71 " " " "	103 " Sld Jumping
38 " " " "	72 " " " "	104 " Norwegian Peasant Dancing
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## TC

## A TRIP TO NORWAY, 1901.

*Beautifully Painted, 5s. ; Plain Slides, 1s. each.*

1 View of the Humber	14 Trondhjem Market	27 Merok. From Landing Stage
2 Deck of the S.Y. Ceylon	15 " Railway Station	28 " S.Y. Ceylon
3 Bor Fjord	16 " Landing Stage	29 " Hotel Union
4 Elide Fjord	17 The Lower Lerfoss Waterfall	30 " Waterfall at
5 " The Mountain Side	18 The Upper " "	31 Bergen. German Ship firing
6 " A house by the Fjord	19 Molde, from the Fjord	32 " a salute [of-war
7 " A Fish Trap	20 " Landing Stage	33 " Two Norwegian men-
8 " Fishing for Trout	21 " The wooden Cathedral	34 " Harbour Ferry
9 The Steam Launch, S.Y. Ceylon	22 " At the top of Moldehoi	35 " Main street
10 Vossevangen Church	23 " Street	36 " The Market Place
11 View from the Stalheim's Kley	24 Pilot Boat on the Fjord	37 " The Old Market
12 " over the Noerodal	25 Lighthouse on the Fjord	38 " Square
13 Waterfall near Gudvangen	26 Merok. Houses on the moun-	39 " Church in Strand
14 Gudvangen and the Noerødal	27 " tain side	40 " garden

## MG

## DENMARK AND SWEDEN.

*Beautifully painted, 5s. and 7s. 6d. ; Plain Slides, 1s. each.*

1 Amager, Dyvecke's House in the Market Place	11 Copenhagen. Friedericksborg Chateau, nearer	20 Copenhagen. Friedericksborg Mural Fountain
2 Battle of the Baltic, positions of the ships	12 " " showing Kn-	21 " " Mural Reliefs
3 " Fighting, Scene on Deck	13 " " from Road	22 " " Church
4 Castle of Cronborg, on the Sound	14 " " Chapel	23 " " English Church
5 Chateau of Rosenborg	15 " " showing Bridge over Moat	24 Iceland, Mount Hecla
6 Copenhagen. General View	16 " " Part of Court-yard	25 Map of Denmark
7 " Cathedral	17 " " Nearer view	26 H. M. Queen Alexandra
8 " The Canal	18 " " Gateway to	27 The Stork
9 " Harbour Custom Ho.	19 " " The Moat	28 Reindeer Sledge Travelling
10 " Friedericksborg Chateau. General View		29 Trollhattan Falls

## LW

## ITALY AND ROME.

*Beautifully Painted Views, 5s.**" " Figure Subjects, 7s. 6d.**" " Interiors, 7s. 6d.**Plain Photographs, 1s. each.*

- |                                  |                                 |                                    |
|----------------------------------|---------------------------------|------------------------------------|
| 1 Assisi. Statue of S. Francis   | 65 Pian. View from Campanile    | 112 Venice, The Rialto             |
| 2 Bologna, General View          | 66 " Campanile and South        | 113 " Ponte Rialto                 |
| 3 " Two Leaning Towers           | Transept of Duomo               | 114 " Landing stage at Bur-        |
| 4 Fiesole. General view          | 67 " Baptistery, Duomo and      | nano (on the Lagoons)              |
| 5 " from Church                  | Leaning Tower                   | 115 " Torcello Cathedral and       |
| 6 " from below                   | 68 " Baptistery, Duomo and      | Santa Foca                         |
| 7 " Church                       | Leaning Tower                   | 116 " Boat                         |
| 8 " Piazza                       | 69 " Baptistery Pulpit          |                                    |
| 9 " Olive-yards                  | 70 " Leaning Tower and Apse     |                                    |
| 10 Florence. View from San Mini- | of Duomo                        |                                    |
| ato, shewing river with          | 71 " Leaning Tower, Bells       |                                    |
| bridges                          | 72 " Campo Santo                |                                    |
| 11 " View from San Mini-         | 73 " " Gallery,                 |                                    |
| ato, Hills of Fiesole            | Dante's Statue, Gallery         |                                    |
| in distance                      | chains from Genoa               |                                    |
| 12 " from San Miniato            | 74 " Campo Santo, Frescoes      |                                    |
| 13 " Cathedral, Giotto's Tower   | 75 Pompeii. Bakehouse and       |                                    |
| and part of Baptistery           | Cornmills                       |                                    |
| 14 " Cathedral Dome from         | 76 " Plaster cast of Human      |                                    |
| Giotto's Tower                   | Figure found in Ruins           |                                    |
| 15 " Dome, Giotto's Tower        | 77 " Street Stepping Stones     |                                    |
| 16 " West Front                  | 78 " Old Wine Jars              |                                    |
| 17 " San Miniato, M. Angelo's    | 79 Ravenna. Tomb of Theodoris   |                                    |
| David and Group                  | 80 Venice. View from top of the |                                    |
| 18 " San Miniato, Church of      | Campanile (5 domes of           |                                    |
| 19 " Palazzo Vecchio and         | S. Mark's)                      |                                    |
| Loggia                           | 81 " S. Mark's and Doge's       |                                    |
| 20 " Palazzo Vecchio, Entrance   | Palace from Piazzetta           |                                    |
| 21 " Ponte Vecchio               | 82 " S. Mark's and the Clock    |                                    |
| 22 " Piazza Signoria             | Tower                           |                                    |
| 23 " Bargello                    | 83 " S. Mark's Clock Tower,     |                                    |
| 24 Heroulanum. General View      | Horses                          |                                    |
| 25 " Row of Columns              | 84 " S. Mark's Clock Tower      |                                    |
| 26 Map of Italy                  | showing the moving              |                                    |
| 27 Milan Cathedral, Painting,    | procession of the               |                                    |
| Last Supper                      | figures (marionettes)           |                                    |
| 28 Milan. Church of S. Ambrose   | 85 " S. Mark's, Front Mosaics   |                                    |
| 29 " " S. Eustorgio, " Int.      | 86 " " Porphyry Knights         |                                    |
| 30 " S. Eustorgio, Arch of S.    | on South Angle                  |                                    |
| Peter Marlitte                   | 87 " " Detail of South          |                                    |
| 31 Mount Vesuvius, going up      | Side                            |                                    |
| 32 " coming down                 | 88 " " Interior                 |                                    |
| 33 " Crater and Cone,            | 89 " " From Gallery             |                                    |
| Day                              | 90 " " Pulpit and               |                                    |
| 34 " Crater and Cone,            | Apertor Screen                  |                                    |
| Night                            | 91 " " Mosaics,                 |                                    |
| 35 Naples. Bay of                | from W. Gallery                 |                                    |
| 36 " Bay from Bujae. Vesuvius    | 92 " The Lion of S. Mark's      |                                    |
| in distance                      | S. Theodore Library             |                                    |
| 37 " From Posilipo               | 93 " Grand Canal. Santa         |                                    |
| 38 " " " "                       | Maria                           |                                    |
| 39 " Church of S. Severo. Int.   | 94 " Gondolas in fore-          |                                    |
| 40 " Diana of the Ephesians      | ground                          |                                    |
| 41 " Grotto of Posilipo          | 95 " Grand Canal. Santa         |                                    |
| 42 " " " Interior                | Maria                           |                                    |
| 43 " On the Chiaja               | 96 " Grand Canal. Iron          |                                    |
| 44 " Scene on Quay               | Bridge                          |                                    |
| 45 " Side-street off Via Roma    | 97 " On the Grand Canal,        |                                    |
| 46 " Castello del Ovo            | View from San Giorgio           |                                    |
| 47 " Baie                        | 98 " On the Grand Canal         |                                    |
| 48 " Pozzuoli, general view      | 99 " " "                        |                                    |
| 49 " " from the Bay              | 100 " Doge's Palace from water  |                                    |
| 50 " " Harbour                   | 101 " " Courtyard, Cop-         |                                    |
| 51 " " Jupiter Serapis           | per Well                        |                                    |
| 52 " Temple                      | 102 " " Details of Capital      |                                    |
| 53 " Monte Nuovo from Poz-       | (the one figure                 |                                    |
| zuoli                            | by Ruskin)                      |                                    |
| 54 " " " " "                     | 103 " " Entrance                |                                    |
| 55 " Vesuvius, Lava              | 104 " " Doge Head from          |                                    |
| 56 " " " " "                     | Pedestal                        |                                    |
| 57 " Etruscan Tombs              | 105 " " Portrait of             |                                    |
| 58 " " Bodies                    | Ducal Palace, South             |                                    |
| 59 " Busts of Homer and          | Interior                        |                                    |
| Socrates                         | 106 " Mole and Santa Maria      |                                    |
| 60 " Street Scene                | della Salute                    |                                    |
| 61 " " " showing tram-           | 107 " Royal Gardens and Cam-    |                                    |
| lines                            | panile from Grand               |                                    |
| 62 " Group of Lazzaroni          | Canal                           |                                    |
| 63 " Letter writer               | 110 " Piazzetta, Campanile and  |                                    |
| 64 " Macaroni Shop               | Clock Tower (panile             |                                    |
| 65 " Neapolitan Carriage         | Loggia at foot of Cam-          |                                    |
|                                  |                                 | 117 Appian Way                     |
|                                  |                                 | 118 " Tomb of Cecilia Metella      |
|                                  |                                 | 119 Arch of Constantine            |
|                                  |                                 | 120 " " " "                        |
|                                  |                                 | 121 " " " and Meta                 |
|                                  |                                 | 122 " Sudens                       |
|                                  |                                 | 123 Basilica of Constantine        |
|                                  |                                 | 124 Arch of Titus                  |
|                                  |                                 | 125 " " " Frieze with candle-      |
|                                  |                                 | stick                              |
|                                  |                                 | 126 Bronze Wolf                    |
|                                  |                                 | 127 Bridge and Castle, St. Angelo  |
|                                  |                                 | 128 Britons in Rome. 8s. 6d.       |
|                                  |                                 | 129 Burning of Christians          |
|                                  |                                 | 130 Capuchins Chapel, Monks'       |
|                                  |                                 | Burial-place                       |
|                                  |                                 | 131 Caesar's Palace, the Culicular |
|                                  |                                 | Pompey's                           |
|                                  |                                 | 132 " Statue                       |
|                                  |                                 | 133 Carnival Masqueraders          |
|                                  |                                 | 134 Catacombs, Interior            |
|                                  |                                 | 135 " " Ancient                    |
|                                  |                                 | 136 " Entrance to                  |
|                                  |                                 | 137 Capitol from Forum             |
|                                  |                                 | 138 " Interior, Bronze Wolf        |
|                                  |                                 | 139 " Colossal Feet in Mu-         |
|                                  |                                 | seum of                            |
|                                  |                                 | 140 Church of Ara Coeli, the Bam-  |
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 416 " A Street  
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 418 " Corn Mill in Bakehouse  
 419 " Wall Sculptures in Courtyard  
 420 " Stone Vases  
 421 " Corner of Courtyard  
 422 " Courtyard  
 423 An Earlier Pompeii. Antiquities buried by Vesuvius about 700 A.C.  
 424 Puteoli: Temple of Serapis  
 425 Rome: Crypto-Portico or Passage in the Palace of the Cæsars where Caligula was murdered. This passage was made by the Emperors in order that they might only be seen by the people on their appearing on the Rostrum. St. Lawrence was led along this passage to his trial in the Basilica. Domitian is also said to have been murdered here  
 426 Rome: Catacombs of Capuchin Church, near view of Skeleton of Monk dressed in the garb of his order  
 427 " Catacombs of Capuchin Church, showing arrangement of bones  
 428 " Altar to the "Unknown God" on the Palatine  
 429 " Forum. Temple of Antoninus and Faustina  
 430 " Discoveries in the Roman Forum. Relics of Primitive Burial  
 431 " A Passage in the Colosseum  
 432 Rome: The Figure of the Arch-Angel Michael on the Tomb of Hadrian, Designed by Michael Angelo, 530 A.D. Gregory the Great believed he saw such a figure sheathing his Sword during the Great Plague and henceforward the Plague was stayed  
 433 The Martyrdom of Stephen (Mariani) in Church of S. Lorenzo  
 434 Madonna and Child (Sassoferrato) in the Vatican  
 435 A Typical Procession of Canonisation at S. Peter's, 1712  
 436 Robing the Statue of S. Peter in S. Peter's on his Festival Day  
 437 The Absolution by the Cardinal Penitentiary on Holy Thursday  
 438 The Death of Pope Leo XIII. The Election of a Pope. The Cardinals in Conclave. Voting in the Sistine Chapel  
 439 The Obsequies of Pope Leo XIII. The Procession to the Temporary Tomb. The Dead Pope borne from the Chapel of the Blessed Sacrament (where he lay in state) to the Choir of the Julian Chapel  
 440 Portrait of Pope Pius X. (Cardinal Sarto), elected August 4th, 1903  
 441 Painting the Pope's Portrait; His Holiness sitting to Mr. Thaddeus at the Vatican  
 442 Venice, Doge's Palace, near view  
 443 Venice, Doge's Palace, distant view  
 444 Venice, S. Mark's, Saints Day  
 445 Venice, Side Canal  
 446 The Madonna of S. Anthony of Padua, sold for £100,000  
 447 Italian Peasantry Imploring the Madonna to stay the fury of the mountain  
 448 T.M. King Victor Emmanuel III. of Italy, and Queen Elena at the Quirinal  
 449 H.M. The King of Italy



## LX

## ITALY REVISITED.

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## Como.

- 1 Falls of Tosa—near View
- 2 " " showing river
- 3 Como Cathedral, West Front
- 4 " " North side
- 5 " " and Market
- 6 " old Clock Tower

## Milan.

- 7 The Cathedral
- 8 Central Pinnacles, from the roof
- 9 Side pinnacles
- 10 Victor Emmanuel Arcade—Exterior
- 11 S. Maria della Grazia
- 12 Arch of Peace

## Venice.

- 13 View on the Grand Canal
- 14 The Rialto
- 15 A side Canal
- 16 Arsenal and S. Maria della Salute from the Piazzetta
- 17 Santa Maria della Salute
- 18 General view with Gondola and Gondolier
- 19 Doge's Palace
- 20 Bridge of Sighs
- 21 Giant's Staircase, Doge's Palace
- 22 Courtyard of Doge's Palace
- 23 The Vine Angle, Doge's Palace
- 24 S. Mark's Cathedral, No. 1, Front view
- 25 " " " 2, Side view
- 26 Piazzetta and the two Columns

## Florence.

- 27 The Duomo from the roof of Palazzo Vecchio
- 28 The West front and Baptistery
- 29 The Campanile
- 30 Palazzo Vecchio
- 31 Loggia del Lanai
- 32 The Ponte Vecchio
- 33 Michel Angelo's "David"
- 34 View from the Boboli Gardens
- 35 " " Piazza Michel Angelo

## Rome.

- 36 S. Peter's and the Vatican
- 37 Fountain and Colonnade outside the Vatican
- 38 Castle of S. Angelo
- 39 The Pantheon
- 40 Fontana di Trevi
- 41 Obelisk from Thebes, near S. John Lateran
- 42 Cloisters, S. Giovanni in Laterano
- 43 Pyramid of Cestius and Porta S. Paolo
- 44 Trajan's Forum
- 45 Forum Romanum—General View
- 46 Column of Phocas and Arch of Septimius Severus
- 47 Supposed Balustrade of the Rostra steps

## 48 Ruins of the Temple of Saturn

- 49 Basilica of Constantine
- 50 Arch of Titus
- 51 The Colosseum, exterior
- 52 " " interior
- 53 Arch of Constantine
- 54 Temple of Vesta
- 55 Tomb of Cecilia Metella
- 56 A Monk guide to the Catacombs
- 57 Passage in the Catacombs of S. Callistus
- 58 A domed chamber in the same
- 59 Early Christian Painting of "Summer" on the Ceiling
- 60 Tivoli and Waterfalls, general view
- 61 Temple of the Sibyl, Tivoli
- 62 One of the Tivoli Waterfalls
- 63 A Macaroni Factory, Tivoli
- 64 Natatorium of Hadrian's Villa

## Naples.

- 65 General view of Naples
- 66 Church of S. Francesco di Paula
- 67 The Umberto Arcade
- 68 Vesuvius from the Harbour
- 69 A Bit of Naples
- 70 The Grotto of Posilippo
- 71 Cone of Vesuvius and 1873 lava
- 72 Monte Somma and new lava flow, 1396
- 73 The Funicular Railway
- 74 A Stream of molten Lava flowing, 1896
- 75 A steam jet near the Crater
- 76 The edge of the Crater
- 77 Pompeii—looking towards Vesuvius
- 78 " The Forum
- 79 " looking towards Castellamare
- 80 " Arch near the Forum
- 81 " Stepping Stones, Chariot Ruts and Street Fountains
- 82 " Flour Mills and Oven, Bakehouse
- 83 " The Amphitheatre
- 84 " House of Cornelius Rufus
- 85 " House of Marcus Lucretius
- 86 " A Mosaic Fountain
- 87 " Temple of Apollo
- 88 " Interior of the Hot Room in the Forum Baths
- 89 General view of Sorrento
- 90 Capri, the Marina, and the Road to Anacapri
- 91 On the Marina Capri
- 92 Positano and the new road
- 93 Mt. S. Angelo from the new road between Sorrento and Amalfi
- 94 Amalfi
- 95 Cathedral at Amalfi
- 96 Temple of Neptune, Paestum
- 97 The Basilica at Paestum

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- |   |  |
|---|--|
| 1 Messina, The Harbour and Esplanade from the Hotel Trinacria before the Earthquake.  | 24 Catania, Agira Town from the West, showing ruins of Saracen Castle on summit. |
| 2 " The Harbour and Corso from the Hotel Trinacria before the Earthquake.   | 25 " Agira Town from the West, showing Cathedral.                                |
| 3 " The Harbour and Corso, showing lemon juice awaiting shipment.   | 26 " In the Cerami Valley. "Homeward Bound."                                     |
| 4* " The Harbour, showing the Ruins of the Hotel Trinacria, and how the sea has encroached.   | 27 " The Old Saracen Bridge of Cerami.   |
| 5* " The Harbour, showing the Ruins of the large houses on the Front.   | 28 " Troina. "High Troina." "The strong Greek City of Troina."                   |
| 6* " Showing how the houses were torn in half. (A very fine photo.)   | 29 " Landslide displacing Roadway at Rocca Fumata.                               |
| 7* " British Bluejackets performing heroic rescue work amidst the ruins. Group of sailors from H.M.S. "Minerva" carrying a little girl to the Hospital. | 30 " Lava Cutting on the Circumetna Railway at Bronte.                           |
| 8 Catania, Piazza dei Martiri, with statue "Rape of the Sabinas."   | 31 Palermo, from the Sea.  |
| 9 " Borgo, showing villa residences.  | 32 " The Esplanade.  |
| 10 " The City from the Tower of the Benedictine Monastery, Mt. Etna in the distance.  | 33 " Entrance to Harbour and Monte Pelligrano from Hotel Trinacria.              |
| 11 " Another view.  | 34 " Inside the Harbour, with Pelligrano in the background.                      |
| 12 " The Harbour. "Steamers alongside the jetties.  | 35 " The Inner Harbour. Mountains in the background.                             |
| 13 " The Harbour, with steamer "Alberta."   | 36 " The Inner Harbour, from the Sea.  |
| 14 " The Harbour. Unloading Vessels.  | 37 " Group of Passenger Steamers.  |
| 15 " The Inner Harbour. Another view.   | 38 " Old Market and Street Scene. "Washing Day."                                 |
| 16 " Circumetna and Sicula Railways.  | 39 " Street Scene in Old Palermo. "A family gathering."                          |
| 17 " Mt. Etna. Extinct Crater from Mt. Rossi.   | 40 " "Dolce Far Niente." Group of boys.  |
| 18 " Bridge over the Simeto.  | 41 " Cloisters of Mon. Peale.  |
| 19 " Biscari Aqueduct and Footbridge over the Simeto River.   | 42 Taormina, Garden Path and Winding Road from Railway Station to Town.          |
| 20 " Aragona, looking North towards Caraci, showing orange groves.  | 43 " Mole from Taormina.   |
| 21 " Panorama of Regalbuto, with Etna in the distance.  | 44 " View from Theatre.  |
| 22 " View between Regalbuto and Agira, looking East towards Etna, showing Mountain Road.  | 45 " Ruins of the Theatre.   |
|   | 46 " The Gardens.  |
|   | 47 " The Fountain.   |
|   | 48 Syracuse, Amphitheatre Ruins.   |
|   | 49 " Old Church Ruins.   |
|   | 50 " Latonica di Paradiso.   |
|   | 51 " Ancient Gymnasium and School.   |
|   | 52 " Part of the Great Harbour. Asphalt awaiting shipment.                       |
|   | 53 " Scylla before the Earthquake.   |
|   | 54 " In the valley of the Cerami River. Cattle grazing.                          |

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- 7 Maccagno from the Lake.
- 8 Luino from the Lake.
- 9 Intra from the Pier.
- 10 Laveo from the Lake.
- 11 Pallanza, Piazza Garibaldi.
- 12 Villa Clara, Baveno.
- 13 Baveno from the Hills.
- 14 Stresa, and Lake Maggiore from the Hills.
- 15 Isola Bella from the Shore.
- 16 Isola Bella, the Grotto in Gardens.
- 17 Arona from the Lake.
- 18 Lake Orta from the South.
- 19 The Lake at Orta.
- 20 Market Place, Orta.

- 21 Street in Orta.
- 22 Island of San Giulio, Lake Orta.
- 23 Madonna del Moote, near Varese.
- 24 Lugano and Monte Bré.
- 25 Lugano and Monte San Salvatore.
- 26 Lugano and St. Lorenzo Church.
- 27 Ozeo Cart, Lugano.
- 28 Lugano from the Lake.
- 29 The Wood Market, Lugano.
- 30 Fresco by Luini at Lugano.
- 31 Ostena, entrance to the Grotto.
- 32 Porlezza, the Landing Place, etc.
- 33 Menaggio, the town, and Lake Como.
- 34 Bellaggio, the Via Serbelloni.
- 35 Bellaggio, general view.

- 36 View from Park of Villa Serbelloni.
- 37 Tropical Plants in Garden of Villa.
- 38 Lake Como, Lavendo and Is. Comacina.
- 39 View from above Sala, looking north.
- 40 Toriggia from the Lake.
- 41 Como, the Harbour and Landing Place.
- 42 General View of Como.
- 43 Como and Lake from Baradello Hill.
- 44 Milan Cathedral from the Piazza.
- 45 View on the roof of Milan Cathedral.
- 46 Lecco, general view.
- 47 Lake Lecco from the Bridge.
- 48 Lecco from the Shore.
- 49 Gravedona from the Lake.
- 50 Colico, the Diligence Office, etc.

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- 6 Posilipo, from the Shore
- 7 Strada di Piedigrotto
- 8 Group of Women with Distaff
- 9 Entrance to the New Grotto Posilipo
- 10 Pozzuoli, near Naples
- 11 Ruins of Ancient Pier, Puteoli
- 12 The Amphitheatre, Pozzuoli
- 13 Entrance to the Theatre, Pozzuoli
- 14 Baja, General View [oli]
- 15 Temple of Venus, B. uja
- 16 The Royal Palace, Naples (Paulo)
- 17 Church of San Francesco di

- 18 The Toledo at Mid-day
- 19 A Side Street of the Toledo
- 20 Street Public Letter Writers
- 21 Street Letter Reading and Writing
- 22 Strada del Molo and St. Martino
- 23 Naples and Vesuvius, from St.
- 24 Strada del Piliro [Martino]
- 25 An Orange and Lemon Stall
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- 28 Street Scene, Cooking Omelets
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- 43 Castellamare, from the Shore
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- 45 " from the Massa Road
- 46 The Blue Grotto of Capri
- 47 The Landing Place of Capri
- 48 Capri, the Village
- 49 " the Roads to Anacapri
- 50 " Bay, from the Marina

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- 6 The Bronze Horse of St. Mark's
- 7 Interior of St. Mark's Cathedral
- 8 The Roof Screen, St. Mark's
- 9 St. Mark's from the Ducal Palace
- 10 Bronze Wells, Ducal Palace
- 11 Ducal Palace, the Inner Façade
- 12 Game Pigeons of St. Mark's
- 13 The Giant Stairs, Ducal Palace
- 14 Ducal Palace, the Canal Front
- 15 The Bridge o' Sighs

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| 1 Panorama of Athens. No. 1  | 81 Plutus (Wealth) on the arm of his mother, Irene, (Peace). Copy of a work of Cephisodotus father of Praxiteles                 |   |
| 2 " " " 2  | 32 Hermes, from the Island of Andros. 4th century B.C. School of Praxiteles. In Central Museum, Athens                           |   |
| 3 " " " 3  | 33 Poseidon; statue of Alexandrine times, 3rd or 2nd century B.C. Central Museum, Athens   |   |
| 4 " " " 4  | 34 Asclepius (god of Healing), Central Museum, Athens  |   |
| 5 " " " 5  | 35 Demosthenes, in Central Museum, Athens  |   |
| 6 " " " 6  | 36 Ship Canal, through Isthmus of Corinth  |   |
| 7 Acropolis from Hill of Philopappus   | 37 Theatre of Epidaurus, Argolis; built middle of 4th century B.C. by Polykleitos  |   |
| 8 Temple of Nike Apteros from the Propylaea. Acropolis, Athens   | 38 A Corinthian Capital. 4th century B.C.  |   |
| 9 Propylaea, from interior of Acropolis, Athens  | 39 Sparta and Mt. Taygetus, from East  |   |
| 10 Parthenon from S.E.   | 40 Temple of Apollo at Bassae in West of Peloponnese. Built about 429 B.C.   |   |
| 11 Copy of Phidias' gold and ivory statue of Athena in the Parthenon, Athens   | 41 Panorama of Olympia. No. 1  |   |
| 12 Athena leaning on her spear. Relief in the Acropolis Museum, Athens. She is in an attitude of grief and gazing at a tombstone. 5th century B.C. | 42 " " " 2   |   |
| 13 Erechtheum from North. Acropolis, Athens  | 43 " " " 3   |   |
| 14 " " " North Door  | 44 Temple of Hera at Olympia, 800 B.C.; the oldest Temple there, and the one in which the Hermes of Praxiteles was found in 1875 |   |
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| 18 General view of the Theatre of Dionysus at Athens, showing his two Temples  | 48 " Peasant Family  |   |
| 19 Chair of the Priest of Dionysus Eleutherius. Theatre of Dionysus, Athens  | 49 Athens, Hill of Libatos   |   |
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- |  |   |  |
|--|---|--|
| 1 Albanian Brigand-peasants.               | 8 Bulgarian Villagers and their Guests. | 18 Picking Grapes in Festival Dress.           |
| 2 Albanians Armed in the Customary Manner. | 9 Rilo Monastery.                       | 19 A Bulgarian Brigand.                        |
|  | 10 " The Abbot and the Cook.            |  |
|  | 11 American Protestant School.          |  |
|  | 12 Sunday Afternoon.                    |  |
|  | 13 Holiday Costumes.                    |  |
|  | 14 At a Bulgarian Fair.                 |  |
|  | 15 A Market.                            |  |
|  | 16 A Buffalo Pool.                      |  |
|  | 17 Buffaloes Resting at Noon.           |  |
|  |   | MACEDONIA.                                     |
|  |   | 20 European Consuls in Macedonia.              |
|  |   | 21 A Group of Macedonian Bear-hunters.         |
|  |   | 21 A Group of Macedonian Bear-hunters Resting. |

## TURKEY, SERBIA, AND BULGARIA—Continued.

## SERBIA.

- 23 A Monastic Chapel.
- 24 A Monastery.
- 25 Monastery and Abbot.
- 26 Abbot and his Guest.
- 27 Abbot Picnicking.
- 28 Servians at the Monastery Gate.
- 29 A Servian School, Little Children with Teachers.
- 30 „ Girls and Boys with Teachers.
- 31 „ Boys with Teachers.

- 32 Servian Schoolmasters and their Families.
- 33 A Wedding Group, the Bride.
- 34 „ The Bridgroom.
- 35 A Wedding Procession.

## TURKEY.

- 36 My Turkish Escort.
- 37 Bible Depot at Monastir.
- 38 Church Ruined by Turks.
- 39 A Turkish Wedding Procession.
- 40 A Turkish Bey and his Castle.

- 41 A Turkish Town.
- 42 A Turkish Street.
- 43 Another Turkish Street.
- 44 Turkish Washing-place and Sewer, combined.
- 45 Turkish Sewer Cleaners.
- 46 A Turkish Road.
- 47 An Armed Priest.
- 48 Villagers.
- 49 Turk and Bulgarian at the Frontier.
- 50 Turk and Servian at the Frontier.

## MO THE PERSIANS, KURDS, AND NESTORIANS, THEIR MANNERS AND CUSTOMS.

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## Persians.

- 1 The Late Shah, Nasr-ud-din
- 2 The Present Shah, Musaffar-ud-din
- 3 Prince Zil-es-Sultan, Governor of Ispahan
- 4 Ispahan, Palace of Zil-es-Sultan
- 5 „ Garden of Palace
- 6 „ Salute of Soldiers at the Palace
- 7 „ Persian Art-clee, or Horse Soldiers
- 8 Persian Lady of position, and daughter
- 9 Young Persian Gentleman in Wedding Dress
- 10 Young Persian Lady, ordinary Indoor Dress
- 11 Persian Lady in Indoor Costume
- 12 „ „ Covered to take Refreshments to Men's quarters
- 13 „ „ in Outdoor Costume
- 14 „ „ when Outdoors
- 15 „ „ taking a little Fresh Air
- 16 Seyyid or Sayd (named Mahomet)
- 17 Another Sayd named Ali smoking the Water-pipe
- 18 Mullâ or Mahomedan Priest, or Schoolmaster and Merchant
- 19 Muftahid with Mullâ taking Tea from Samovar (urn)
- 20 Group of Mullâs (white turban) and Saids (green) taken at a Said's House in Nar-ha-hand
- 21 Prisoners and Jailors, taken in the Prison Yard at Nar-ha-hand
- 22 Mushaid and Family
- 23 Annual Gathering at Ispahan
- 24 The Dervish Nuralishar, from an Old Painting at Kirman, near Bushire
- 25 Group of Dervishes in Yezd (Holy Beggars)
- 26 Town of Sultan-a-had
- 27 Parsees at Yezd, mostly rich Merchants
- 28 Parsees' Burying Place at Yezd (like the Tower of Silence at Bombay)
- 29 Hamaden, the Ancient Shushan
- 30 „ Tomb of Esther and Mordecai

## Kurds.

- 31 Kurdish Mountain Chief, Head of a Tribe
- 32 Kurdish Mountain Brigands
- 33 Kurdish Women
- 34 Armenians armed to retaliate on Kurds

## Nestorians.

- Nestorians, direct descendants of the 10 Tribes carried captive into Assyria. About 30,000 or 40,000 in the village Koordistan mountains, and about the same number in villages, Plain of Oroomiah.*
- 35 Nestorians pressed by Persian Government to fight Kurds
  - 36 Oroomlah, Persia, Nestorian Quarter
  - 37 „ Gardens of the Persian General, De Gusha
  - 38 „ Nestorian Annual Church Holiday in the General's Garden. Taken June 1897
  - 39 American Mission House of Fidelis Fiske
  - 40 Fiske New American Seminary College
  - 41 Mountain Nestorian Girls in American Seminary, Urmia or Oroomlah
  - 42 Teachers' Seminary, American Missionaries' Society for Training Nestorians as Village Teachers and Preachers
  - 43 Young Men in American Mission College
  - 44 Two Nestorian Teachers in Village Schools and two Scholars, their names in Syriac in their own handwriting on the Wall behind them
  - 45 Annual Gathering of Old Scholars from Seminary for Conference at the Seminary
  - 46 Nestorian Teachers
  - 47 Village School of Nestorians at Chaobash, started by English Missionaries
  - 48 Nestorian Wedding at Ardishi, borders of Lake
  - 49 Nestorians Grinding Corn and making Bread
  - 50 Water carrying
  - 51 Ploughing (5-yoke), 2 yokes Buffaloes, 3 Oxen
  - 52 Butter-making in Goat-skin Churn
  - 53 Weaving, Wool on Hand, Spindle on Ground twisted
  - 54 Armenian Merchants and Wives escaped from Van during late Massacres
  - 55 Refugees from Massacres, principally Nestorian some are Armenians
  - 56 Orphans escaped from Massacres
  - 57 The Town of Carshan, near Teheran
  - 58 Nestorian Girl Dressed like a Man
  - 59 English Missionary with his Teachers
  - 60 Two Young Ladies, Nestorian Teachers
  - 61 Ploughing with Buffaloes
  - 62 Nestorian Family
  - 63 Ispahan Khejshand
  - 64 Nestorian Native in Dress



MP

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- |    |  |    |   |     |                                     |
|----|--|----|---|-----|-------------------------------------|
| 1  | Baghdad and River Tigris                 | 31 | Kermanshab                              | 77  | Camels in Caravanserai              |
| 2  | Mosque at Muiddham                       | 32 | Kerrind                                 | 78  | Camels commencing a Day's March     |
| 3  | Baghdad. Kitchen                         | 33 | Mizan Tak                               | 79  | Kirman.                             |
| 4  | Ispahan. General View                    | 34 | Map                                     | 80  | " Hospital.                         |
| 5  | " Persian House                          | 52 | Ispahan, Jewish School                  | 81  | Kurood, near Ispahan.               |
| 6  | " Scene at                               | 53 | Caravanserai near                       | 82  | Persepolis, Palace of Darius.       |
| 7  | Julfa, Summer                            | 54 | Teachers' Armenian Girls' School        | 83  | " Xerxes' Porch.                    |
| 8  | " Winter                                 | 55 | " Medical Mission Workers               | 84  | " Ruins.                            |
| 9  | " Cathedral (dress)                      | 56 | " Missionary Band                       | 85  | Nearing Shiraz.                     |
| 10 | Rev. C. H. Stileman in native dress      | 57 | " Persian School                        | 86  | Shiraz, Koran Gate.                 |
| 11 | Mrs. F. D. Stileman in native dress      | 58 | " Opium Poppies                         | 87  | " Jewish Quarter.                   |
| 12 | Street Scene. Camels at door             | 59 | Khahis. Ancient Church                  | 88  | " Scene, near Bridge.               |
| 13 | Alina Khaneh                             | 60 | " " Interior                            | 89  | " A Garden                          |
| 14 | Armenian Family                          | 61 | Kirman. The First Mission House         | 90  | Tomb of Cyrus.                      |
| 15 | Armenian Cradle                          | 62 | " Jewish Rahhis and Boys                | 91  | Salt Desert.                        |
| 16 | Pigeon Tower                             | 63 | " Parsi School                          | 92  | Road Cut in Rock.                   |
| 17 | Village Scene. Street group              | 64 | " " Anjurman                            | 93  | Yezd, Kirman Road, A Caravanserai.  |
| 18 | Beggars waiting for the Shah             | 65 | " Maidan                                | 94  | Crossing River Sivand.              |
| 19 | Persians on the Road                     | 66 | Soh, Unequally Yoked                    | 95  | A Kajaveh, with Passengers.         |
| 20 | A Fruit Shop                             | 67 | " Treading out the Corn                 | 96  | Hasan, Travelling Servant.          |
| 21 | Pul i Khajoo                             | 68 | " Carrying Corn                         | 97  | An Old Man Riding a Camel.          |
| 22 | A " Haltaj " at work                     | 69 | " Persian Family                        | 98  | Parsi Women and Moham- medan Women. |
| 23 | Shah and his Court. Teheran              | 70 | Yezd, View of                           | 99  | Women Washing Clothes.              |
| 24 | Kajaveh. Mode of travelling              | 71 | " " " [Family                           | 100 | Oxen Treading out Millet            |
| 25 | Takht i ravân. Donkey and Sedan carriage | 72 | " Street in " "                         | 101 | Laden Ox in Sand.                   |
| 26 | Caravanserai and Kajavehs (section)      | 73 | " Mr. Gudary Mühraban and               | 102 | Donkey Heavily Laden.               |
| 27 | " "                                      | 74 | " " " "                                 | 103 | Camels in Snow.                     |
| 28 | Soh, Imâm Zâda at                        | 75 | " Group of Parsis                       |     |                                     |
| 29 | " Panorama of                            | 76 | Persian Doctor and three Con- vert Boys |     |                                     |
| 30 | " extinguisher shape Mosque              |    |   |     |                                     |

XY

## MALTA AND THE ISLE ST. HONORAT, MEDITERRANEAN.

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- |   |  |    |   |
|---|--|----|---|
| 1 | Isle St. Honorat, The Castle Interior. Dating from the Fourth Century. Constantine's name is carved on one of the Pillars.   | 8  | Malta, Church of St. John. Under the two small silver plates in the corner hang the keys of the towns taken by the Knights of St. John from the Turks. During Napoleon's visit to the island the gates of the side chapel, which are of solid silver, were painted brown to look like wood. |
| 2 | Malta, St. Paul's Bay. The scene of St. Paul's shipwreck. The place where two seas meet.   | 9  | The Chapel of Bones.  |
| 3 | " Sailors Firing.  | 10 | " The Host Passing. People kneeling.  |
| 4 | " The Granary to be Used in Time of Siege. The large stones near the group of figures marks the entrance.  | 11 | " A Peasant.  |
| 5 | " The Subaltern's Guard Room in the Palace. Each subaltern of any artistic talent stationed in Malta contributes to the decoration of the walls. Every year the inferior ones are whitewashed. | 12 | " Faldett Hoods. During the Napoleonic wars the women in Malta were so badly treated by Napoleon's soldiers that they resolved to hide their faces with these hoods for 100 years. The 100 years has now expired.   |
| 6 | " Phœnician Tombs. Date, 1500 B.C.   | 13 | " Goats being Milked at the Doors.  |
| 7 | " Chapel in Fort St. Elmo. Discovered a few years ago. In it the Knights of St. John took the last Sacrament before their last battle with the   |    |   |

"Shores of the Mediterranean," see page 438.

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## 8 V I THE SHORES OF THE MEDITERRANEAN.

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- |    |   |    |  |
|----|---|----|--|
| 1  | Algeiras, Moorish Aqueduct  | 41 | Lemnos, Mondios  |
| 2  | " " Gibraltar in distance   | 45 | Majorca, Scene near Pollenza Bay                               |
| 3  | " " Stream in Cork Woods  | 46 | " " A Road   |
| 4  | Argos, Road to  | 47 | " " Travelling Van   |
| 5  | Argostoli Cephalonia  | 48 | " " Winnowing  |
| 6  | " " Cyclopean Walls of ancient Kramol Modern Argostoli  | 49 | " " Women Winnowing [at Musts                                  |
| 7  | " " Cyclopean Walls, general view, showing surrounding country                                    | 50 | Malta, One of the Largest Domes in the world                   |
| 8  | " " Olive Trees   | 51 | " " San Giovanni Steps   |
| 9  | " " Women as Beasts of Burden   | 52 | " " Aubuge de Castelle   |
| 10 | " " Greek Women   | 53 | " " Walls of Citia Vecchia                                     |
| 11 | Corfu, Citadel at   | 54 | " " Gateway " "  |
| 12 | " " Garden of Villa of King of Greece, formerly home of English High Commissioner of Ionian Isles | 55 | " " Molino a Vento " "   |
| 13 | " " Olive Grove   | 56 | " " Naval Officers' House                                      |
| 14 | " " A Walk through Olive Grove  | 57 | " " Melita Hotel, San Antonio                                  |
| 15 | " " Olive Trees with Huts   | 58 | " " Garden of Governor's Palace, San Antonio                   |
| 16 | Crete, Canea  |    | " " Paved way  |
| 17 | " " from the River  | 59 | " " Garden of Governor's Palace, Pathway leading to Fountain   |
| 18 | " " Halfelf   | 60 | " " Garden of Governor's Palace, Fountain                      |
| 19 | Ephesus, Ruins  | 61 | " " Floriana Gardens   |
| 20 | " " at foot of Bill   | 62 | " " La Maison Gardens  |
| 21 | " " Background of Great Theatre at S. Paul's Prison (so-called) in distance                       | 63 | " " Borchetto  |
| 22 | " " Bluejackets Picnic in Theatre   | 64 | " " " " Roadway  |
| 23 | " " Ruins of Church of Third Council  | 66 | " " Valley of Boschetto  |
| 24 | " " " " in background   | 67 | " " Maltese Goats  |
| 25 | " " Ruins of Ancient Aqueduct   | 68 | " " Platis, Greek Peasant                                      |
| 26 | " " Ancient Aqueduct. Storks' nests on top of Pillars [Century A.C.                               | 69 | Ronda  |
| 27 | Epidaurus. Most perfect theatre in Greece (5th  | 70 | " " Street in  |
| 28 | Gibraltar   | 71 | " " Sunday Scene—on way to Bull Fight                          |
| 29 | " " Near View   | 72 | Sardinia, Palma Bay  |
| 30 | " " General View  | 73 | " " Natives of Palma Bay                                       |
| 31 | " " Stream in Cork Woods  | 74 | " " " " " "  |
| 32 | " " Cork Trees, bark stripped off   | 75 | Smyrna, Ancient Turkish Castle                                 |
| 33 | Lagos, Principal Street   | 76 | " " " " " " Nearer View  |
| 34 | " " A Walk  | 77 | " " Old Aqueduct near " "                                      |
| 35 | " " A Road near   | 78 | " " Turkish Barracks   |
| 36 | " " Landing Place   | 79 | " " On the Band  |
| 37 | " " Landing on Beach  | 80 | " " Street Scene   |
| 38 | Lemnos, a House   | 81 | " " " " " " showing Shop                                       |
| 39 | " " Greek House   | 82 | Syracuse, Ancient Gymnasium or School                          |
| 40 | " " " " " "   | 83 | Morocco, A View of Tetuan                                      |
| 41 | " " Windmills   | 84 | Tetuan, Moorish Governor riding down to oail on Admiral Fisher |
| 42 | " " Peasant Women   | 85 | Valetta, Fort Manuel and Shenia [Pelion                        |
| 43 | " " Country People  | 86 | Thessaly, near Volo. View of Slopes of Mount                   |
|    |   | 87 | Road near Volo, Mount Pelion in background                     |
|    |   | 88 | Zaverda, Ancient Helleine Fort. North Greece                   |
|    |   | 89 |  |

- |   |   |   |
|---|---|---|
| 90 Gibraltar, War Vessel in Dry Dock (H.M.S. "Assistance"). | 91 Gibraltar, Gate showing Arms of Charles V. of Spain. | 93 Gibraltar, Distant View, from Spanish Lines. |
|   | 92 " Pack Donkeys Drinking.                             | 94 " Church El Línea.                           |
|   |   | 95 Cape St. Vincent.                            |

## GRAND CANARY.

- |   |                              |                                      |
|---|------------------------------|--------------------------------------|
| 96 Las Palmas, Street showing Portion of the Cathedral. | 97 Las Palmas, View of Port. | 99 Las Palmas, Five-muled Fruit Van. |
| 98 " Steam Tram, Main Road into                         |                              |                                      |

## MADEIRA

- |                             |                             |                             |
|-----------------------------|-----------------------------|-----------------------------|
| 100 Maderia, Public Square. | 102 Madeira, Running Carro. | 103 Madeira, Bullock Sledge |
| 101 " Bullock Carro.        |                             | Conveying Tub.              |

## MOROCCO

- |     |             |         |         |     |          |                  |     |          |                 |
|-----|-------------|---------|---------|-----|----------|------------------|-----|----------|-----------------|
| 104 | Casablanca, | Outside | the     | 109 | Mogador, | Camel Conveying  | 114 | Tangier, | Street.         |
|     | Walls.      |         |         |     |          | Firewood into.   |     |          |                 |
| 105 | Mogador,    | South   | Gate.   | 110 | "        | Party in Desert. | 115 | Loading  | Cargo, Morocco  |
| 106 | "           | Water   | Gate.   | 111 | Tangier, | Landing Cargo.   |     | Coast.   |                 |
| 107 | "           | Water   | Gate,   | 112 | "        | The Sox (Market- | 116 | Moorish  | Deck Passenger, |
|     |             | tide.   | low     |     |          | place).          |     | Morocco  | Coast.          |
| 108 | "           | Grain   | Market. | 113 | "        | Jews' Quarter.   | 117 | "        |                 |
|     |             |         |         |     |          |                  | 118 | Tenerife | Harbour," with  |
|     |             |         |         |     |          |                  |     | Spanish  | Gunboat.        |

## 8 NO

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- |  |  |  |
|--|--|--|
| 1 Map of Algiers, North Africa                                 | 60 Algiers, Arab Drivers and Donkeys   | 111 Gorges de la Chiffra, View showing Geological Formation. |
| 2 Algiers, Arab Street   | 61 " Port and Town of  | 112 " Two little Arab Mites.                                 |
| 3 Arab Woman   | 62 " Quay of the Custom House  | 113 " A Wayside Inn.   |
| 4 Harbouchi Shop   | 63 " Narrow Street with Steps  | 114 Chiffra, Arabs and French Children.                      |
| 5 Ancient Ports of Carthage                                    | 64 " Interior of Moorish Apartments; Ladies' Costume                               | 115 Kabyles, near Fort National.                             |
| 6 Carthage, Interior of the Reservoirs                         | 65 " Chief Mustapha's Palace   | 116 Kabyle Children (Fort National in distance).             |
| 7 Chabet Pass. Atlas Mountains                                 | 66 " Government's Palace, Interior of Courtyard                                    | 117 Upper Kabylia.   |
| 8 Constantine, Ravine du Rummel and the Tanners' Quarters      | 67 " Museum Courtyard  | 118 " A Kabyle Dwelling.                                     |
| 9 Constantine, Gorges of the Rummel                            | 68 " Cemetery of Mosque of Abder-Rhaman  | 119 " Michelet.  |
| 10 " Bridge of El Kantara                                      | 69 " Garden of Specimen Plants—the Avenue of Palms                                 | 120 Arab Woman Washing, Perrejaux.                           |
| 11 Constantine, Rock of Martyrs                                | 70 " Garden of Palms   | 121 Oasis of Ain Seфра.                                      |
| 12 Hammam Meskoutine. Hot Water Cascade                        | 71 " Bldah, the Arab Cemetery  | 122 " The Town.  |
| 13 Hammam Meskoutine. An Arab Marriage                         | 72 " Old Arab Women—Dress  | 123 Ain Seфра, Inside the Arab Town.                         |
| 14 Kabyle Tent   | 73 " Negro Man-servant   | 124 " Sahara Sand.   |
| 15 Tebessa, Temple   | 74 Tlemcen, Interior of the Mosque of Sidi Bou Medine                              | 125 " Entrance into.   |
| 16 " General View of the Basilica                              | 75 " Arab Cemetery of Mosque of Sidi Bou Medine                                    | 126 A Negro Village near Ain Seфра.                          |
| 17 " Caracala Gate   | 76 " " Women's Private Apartments  | 127 " " Beni Ounif. "  |
| 18 " Court of Tailors  | 77 " Moorish Beauty, Head-dress  | 128 Oasis Ounif, Mosque.                                     |
| 19 Thamugas, Roman Ruins. The Theatre                          | 78 " Ancient Street  | 129 Beni Ounif, Mosque.                                      |
| 20 " View of Triumphal Arch                                    | 79 " Moorish Musicians   | 130 " Discussing the News.                                   |
| 21 Tunis, Place Bah-Souika and Mosque Sidi Mahres              | 80 Mountain Gorges of Chiffa   | 131 " Sabara Types.  |
| 22 " Place Halfouaine  | 81 Oran, the Harbour   | 132 " Natives.   |
| 23 " Street in   | 82 View from Ancient City  | 133 " Frightened Children.                                   |
| 24 Tangiers from the Sea                                       | 83 Archbishop's Palace, Interior   | 134 " Girl Washing Clothes.                                  |
| 25 Tangiers, Tulloch Memorial Hospital. Sunday Morning Service | 84 An Arab   | 135 " Pumping Water for Irrigation.                          |
| 26 Moorish House, Courtyard                                    | 85 Bazaar and Shopkeeper   | 136 " Irrigated Gardens.                                     |
| 27 " Interior  | 86 Camels Loaded   | 137 " Camels.  |
| 28 Tetuan Women  | 87 Colonnade of the Djama el Kebir Mosque  | 138 Oasis of Figuig.   |
| 29 Girl in her best Dress                                      | 88 Moorish Villa, Exterior   | 139 Figuig, The Entrance.                                    |
| 30 Girl dressed for a Feast                                    | 89 Mosque and Place of Government  | 140 " The Entrance, with Group of Donkeys.                   |
| 31 The Sultan's Palace   | 90 Tangiers, Lower Soko  | 141 " Mud Tower for Guarding a Garden                        |
| 32 Treasury House  | 91 Moorish Well  | 142 Bedouin and his three Wives.                             |
| 33 Custom House  | 92 Water Seller  | 143 Mudhouses of the Sabara.                                 |
| 34 Entrance to Mosq  | 93 The Sultan's Palace   | 144 Outside the Walls of Oudjda.                             |
| 35 Cobbler's Hut   | 94 " Walls of Throne Room  | 145 Oudjda, Moors.   |
| 36 Moorish Procession  | 95 " Upper Soko  | 146 " The Market Place.                                      |
| 37 Woman with Baby in Cradle                                   | 96 A Negro   | 147 " " Arab Cemetery.                                       |
| 38 Portrait of a Moor  | 97 Negresses   | 148 Tlemcen, Arab Cemetery, showing Bridge.                  |
| 39 " " Moorish Boy   | 98 Cape Spartel  | 149 " Djama el Kebir Mosque, Int.                            |
| 40 At Prayer   | 99 The Beach   | 150 " Sidi Bou Medin Mosque, The Mirab.                      |
| 41 Snake charming  | 100 A Jewish Lad   | 151 " The Koubba Sidi Bou Medin.                             |
| 42 Water Carrier   | 101 The Repression of Lawlessness in Morocco. An Execution before the Sultan       | 152 " Arab House, Int., with Group of Children.              |
| 43 Minaret I.  | 102 Rebellion in Morocco. A Night Surprise of an Encampment of the Sultan's Troops | 153 " Two Arab Women.  |
| 44 " II.   | 103 The Sultan's Operations against the Rebels                                     | 154 " Arab Child.  |
| 45 Moorish Soldier and Hut                                     | 104 Street in Old Algiers.   |  |
| 46 Women with Water Jars                                       | 105 " with Steps. Some of these Streets are said to have as many as 500 steps.     |  |
| 47 Moorish Woman   | 106 " with Steps, nearing the top.   |  |
| 48 Moorish Religious Festival                                  | 107 " " "  |  |
| 49 Roofing   | 108 " "  |  |
| 50 Water Fountain  | 109 Gorges de la Chiffra, Entrance.  |  |
| 51 View from Kasbah  | 110 " Road by a Ravine.  |  |
| 52 Mother and Child  |  |  |
| 53 Moorish Pottery   |  |  |
| 54 Spartel Caves   |  |  |
| 55 Moorish Powder Play   |  |  |
| 56 Market-day  |  |  |
| 57 Negro Slave Lad   |  |  |
| 58 Street Scene  |  |  |
| 59 Algiers, Arabesque House                                    |  |  |

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- |                                   |                                      |                                     |
|-----------------------------------|--------------------------------------|-------------------------------------|
| 1 Map, Hemisphere, Route marked   | 71 Cairo, Hour of Prayer in Desert   | 190 King Rameses II. Triumphant     |
| 2 Mail leaving Southampton        | 72 " Gizeh Palace, Exterior          | 191 Conveying a Statue              |
| 3 The Needles                     | 73 " Esbekiyeh Gardens               | 192 Cast of Head of Menephtah II.   |
| 4 Cape Trafalgar                  | 73A " "                              | 193 Esneh, Palm-leaf Pillars        |
| 5 " " The Battle                  | 74 " Bazaar at Gesireh               | 194 Edfoo, Temple, Sculpture        |
| 6 " Portrait of Nelson            | 75 " Shops in Street Attar           | (Coronation)                        |
| 7 " Nelson's last Signal          | 76 " Street Water-Carrier            | 195 Luxor, General View             |
| 8 " Battle, Death of Nelson       | 77 " Eastern Water Carriers          | 196 " Temple                        |
| 9 Ship at Sea, in full sail       | 78 " Arab School                     | 197 " Group of Palm trees           |
| 10 " in Storm, moving             | 79 " Arab Woman and Child            | 198 " Shadoof                       |
| 11 " Struck by Lightning - 30s.   | 80 " Egyptian Lady                   | 199 Karnak, Great Temple, leaning   |
| 12 " on Fire                      | 81 " Native Woman & Donkey           | ing Pillar. General view            |
| 13 " escape on Raft               | 82 " Whirling Derweesh               | 140 " Corridor showing leaning      |
| 14 Gibraltar, Moonlight           | 83 " Dromedary with Deshp'teh's      | Column                              |
| 15 " Daylight                     | 84 " Armed Egyptian Service          | 141 " Remains of the Osiride        |
| 16 " General                      | and Dromedaries                      | Pillars                             |
| 17 " from Europa point            | 85 " " Running Footmen               | 142 " Avenue of Sphinxes            |
| 18 " from Spanish shore           | (Syces)                              | 143 " Propylon of Temple            |
| 19 " Siege of                     | 86 Sheik on Donkey in best costume   | 144 " Hall of Columns and two       |
| 20 Malta, General View            | 87 Scene in the Desert               | Obelisks of Thotmes III.            |
| 21 " St. Paul's Bay               | 88 Caravan of Mecca Pilgrims         | 145 Judah Melek Kah, enlarged       |
| 22 " St. Paul destroys the Viper  | 89 The Simoon in the Desert, 7s. 6d. | from wall of Court of               |
| 23 " Showing Fortifications       | 90 Sandstorm in the Desert, 7s. 6d.  | Sheshonk                            |
| 24 " H.M.S. <i>Inflexible</i>     | 91 Mirage in Desert                  | 146 South Wall of Court of Shl-     |
| 25 " The Great Harbour            | 92 Nile, Map of                      | shak, recording Captivity           |
| 26 " Coal Barges                  | 93 " First Cataract                  | of the Kings of Judah               |
| 27 " Valetta, Street in           | 94 " Second Cataract                 | 147 Philae, General View of Ruins   |
| 28 Flying-Fish at Sea             | 95 " Second Cataract, with           | 148 " Propylon of Temple            |
| 29 Battle of the Nile             | Steamer                              | 149 " Osiride Pillars               |
| 30 Map of Egypt [Sea              | 96 " Boat-building                   | 150 " Colonnade                     |
| 31 " Egypt, Soudan and Red        | 97 " Boat landing Passengers         | 150A " Court, Dec., 1902            |
| 32 Alexandria, General View       | 98 " Shadoof on the Banks            | 151 " Crocodile on Sandbank         |
| 33 " Grand Square                 | 99 " Steamers                        | 152 Idols of Ancient Egypt          |
| 34 " Blind leading Blind          | 100 " Water-raising Wheel            | 153 Red Sea, Encampment             |
| 35 " Street Musicians             | 101 " Oxen Treading out Corn         | 154 Suez, Map Canal                 |
| 36 Cleopatra's Needle, London     | 102 Ahydos Sculpture, Pasht          | 155 Suez Canal—Ferry at Kantara     |
| 37 Obelisk of On, Heliopolis      | 103 Dendera, Great Temple            | 156 " Canal and Boat                |
| 38 " at Constantinople            | 104 " Interior of Temple             | 157 " Port Said, Mouth of Canal     |
| 39 " of Luxor at Paris            | 105 " Sculpture, Cleopatra           | at Alexandria                       |
| 40 " of Alexandria at N. York     | 106 " Isis                           | 158 " Entrance of Canal             |
| 41 " front of St. Peter's at      | 107 Specimen of Papyrus Writing      | 159 " General, and Railway          |
| Rome                              | 108 Thebes, Medinet Abou             | 160 Ismailia, Palace of the Khedive |
| 42 Pompey's Pillar                | 109 " " Palace of Rameses            | 161 Khedive Abbas                   |
| 43 Rosetta Stone                  | III.                                 | 161A The Nile Valley from Sphinx    |
| 44 " Inscription                  | 110 " Rameses, Caryatides            | looking E.                          |
| 45 Cartouches of " Ptolemy,"      | 111 " Great Statue of                |                                     |
| " Cleopatra," and " Bere-         | Rameses                              |                                     |
| nice," with translations          | 112 " Rameses Restored               |                                     |
| 46 Boulak, Statue of Chefred, the | 113 " Memnon Statues                 |                                     |
| Builder of the Pyramid            | 114 " " Moonlight                    |                                     |
| 47 " Wooden Statue of Sheik       | 115 " " facade                       |                                     |
| 48 " Mummy of Thotmes             | 116 " Mummy and Case                 |                                     |
| III. Hole through which the       | 117 " Deir-el-Bahari, the            |                                     |
| Scarab was stolen                 | scene of the discoveries by          |                                     |
| 49 Cairo, A Street                | Dr. Emil Brugsch                     |                                     |
| 49A " Street, Native Quarters     | 118 Head from Sarcophagus of King    |                                     |
| 50 " The Citadel                  | Seti, Father of Rameses II.,         |                                     |
| 51 " Pyramids, Building of        | found at Der-el-Bahari               |                                     |
| 52 " " Entrance to the Int.       | 119 Mummy uncovered of Seti I.       |                                     |
| 53 " " The Road leading to        | 120 Coffin of King Rameses II. and   |                                     |
| 54 " The Great Pyramid            | King Amoris, opened to show          |                                     |
| 55 " Int. of Great Pyramid        | Mummy found at Der-el-Bahari         |                                     |
| 56 " The Two Pyramids             | 121 Head of King Rameses II. the     |                                     |
| 57 " Sphinx and Pyramid, day      | Pharaoh of the Oppression,           |                                     |
| 58 " " Moonlight                  | from uncovered Mummy                 |                                     |
| 59 " The Sphinx, near View        | 122 Facsimile of Babylonian Brick,   |                                     |
| 59A " The Sphinx                  | bearing the name of Nebu-            |                                     |
| 59B " Temple of the Sphinx        | chadnezzar, with copy of in-         |                                     |
| 60 " Pyramid of Chephren          | scription                            |                                     |
| 61 " Pyramid of Sakkarah          | 123 Statue of Lieutenant of Osor-    |                                     |
| 62 " Pyramids of Ghizeh           | kon II.                              |                                     |
| 63 " Pyramids, Visitors going up  | 124 Famine Record [Pharaoh]          |                                     |
| 64 " " coming down                | 125 Head of Apepi (Joseph's)         |                                     |
| 65 " Oldest Statues in the World  | 126 Hieroglyphics                    |                                     |
| 66 " Mosque                       | 127 Judgment Hall of Osiris          |                                     |
| 67 " Mosque and Tomb of Kal-      | 128 Marriage Record of Amenop-       |                                     |
| Bey                               | his and Titi, whose daughter         |                                     |
| 68 " Tombs of Caliphs             | Tutaa was mother of Rameses          |                                     |
| 69 " Tomb of Mohammed Ali         | II.                                  |                                     |
| 70 " Tombs, Mameluke Sultans      | 129 King Rameses II. and his Sons    |                                     |
| 71 " "                            | going to Battle                      |                                     |

*The following are from direct negotiations by MISS HUNTER:—*

- |                                 |
|---------------------------------|
| 162 Abu Simbol                  |
| 163 Athara                      |
| 164 Barrage                     |
| 165 Bulei Station               |
| 166 Khartoum Palace             |
| 167 " " Blue Nile               |
| 168 " Door where Gen.           |
| Gordon was murdered             |
| 169 " Gen. Gordon's Garden      |
| 170 " View from Palace          |
| 171 " Ruins                     |
| 172 " Widows from Battle        |
| leaving                         |
| 173 Khalifat Boat, White Nile   |
| 174 Luxor Temple                |
| 175 " " "                       |
| 176 " Natives                   |
| 177 Mahdie Tomb                 |
| 178 Omdurman                    |
| 179 " " Street                  |
| 180 " " Square                  |
| 181 " " Market                  |
| 182 " " "                       |
| 183 " Khalifat House            |
| 184 " " Square, Khalifat        |
| Prisoners                       |
| 185 " Camels                    |
| 186 Sachir                      |
| 187 Tonti Island, near Khartoum |

## EGYPT—Continued.

- 192 Cairo, Street Scene  
 193 " Arab Donkey Boy  
 194 Pyramids and Sphinx  
 195 Interior of Temple of Sphinx  
 196 Sakkara: Tomb of Thi  
 197 "Mahommed," Dragoman  
 198 Karnac, 10th Soudanese Bat-  
 talion marching by  
 Great Column  
 199 " 10th Soudanese Bat-  
 talion in Great Hall  
 200 " Great Hall of Columns  
 201 " Obelisk of Hat-shepout  
 202 " General View  
 203 Luxor, Statue of Rameses II.  
 204 " Dahabiyehs tied up  
 205 " Group of Bedouin,  
 from the Desert, at  
 Market  
 206 Medinet Haboo, Entrance  
 207 Medinet Haboo, Entrance to  
 Temple of Thothmes  
 208 Dayr-el-Medeeneb  
 209 " Broken Columns in  
 the Hall  
 210 " Colonnade  
 211 " Sbadouf  
 212 Osiris, Judgment of, Part 1  
 213 " " Part 2  
 214 " " Part 3  
 215 Sunset on the Nile, looking  
 across from Rhoda Island  
 216 Pharaoh's Bed, Philæ  
 217 The Nile Cataract near Philæ  
 218 Luxor, General View from  
 Theban side of the Nile  
 219 Women filling Water Jars at  
 the Nile  
 220 Ptolemy Philometor, Portrait  
 221 Rameses VI., Interior of Tomb  
 222 Seti I. " "  
 223 Saïda, Group of, at Country  
 House  
 224 Sculpture in Temple of Ammon  
 225 Arab Sheikh on Horseback  
 226 Sakeéyeb, Group at a  
 227 Thebes, The Colossi  
 228 " Digging for Mummies  
 229 " in the Western Valley,  
 Tombs of Kings,  
 18th Dynasty  
 230 " Interior of Tomb of  
 Sen-nefer, Priest of 18th  
 Dynasty, called the New  
 Tomb  
 231 " do. do.  
 232 " do. Wall painting  
 233 " Wall painting in do.  
 234 " Tomb of Royal Scribe of  
 Granaries, Int.  
 235 Assuan. Granite Quarry, un-  
 finished Statue of Rameses  
 236 H.M.S. Calliope at Port Said  
 237 Deck of Egyptian Steamer  
 with Cable (Dock  
 238 S.S. Coptic lying in the Albert  
 239 " Saïd " Dragoman and Water  
 Girls  
 240 Assuan. At the time of the  
 Opening of the Dam.  
 241 Leaving Alexandria (Ship in  
 Full Sail).  
 242 Cairo, General View.  
 243 " The Citadel.  
 244 " Military Tournament.  
 245 " Tontoon Mosque.  
 246 " Mosque Sultan Has-  
 san, The Court.  
 247 " The Return of the  
 Holy Carpet.  
 248 " Street Scene.  
 249 " Water Carrier at the  
 Railway Station, in  
 the act of pouring  
 out  
 250 Cairo, A String of Camels  
 on the Road from  
 Cairo to the Pyra-  
 mids.  
 251 Camels and Boys at the  
 Pyramids.  
 252 Karnac, Temple.  
 253 Kom Ombo's Temple.  
 254 Khartoum, "The Last of  
 Khalifa."  
 255 Luxor, The Ramesseum.  
 256 Temple of Medinet Habu.  
 257 Memphis, General View.  
 258 " Statue of Rameses  
 II.  
 259 Port Said.  
 260 Pyramid and Sphinx.  
 261 Sphinx by Sunset.  
 262 Siap - Pyramid, Sakkâra,  
 General View.  
 263 Tourist visiting Egyptian  
 Temples.  
 264 Water Wheel (Zakeer).  
 265 A Water Wheel near the  
 Virgin's Tree.  
 266 Women carrying Waterpots.  
 267 Water Carrier.  
 268 Native Donkey Boy.  
 269 Indian Snake Charmer.  
 270 A Nile Steamer.  
 271 A Captain of a Nile Steamer.  
 272 Native Boats on the Nile  
 (Gyassas).  
 273 " " " "  
 274 " " " "  
 275 Native Boat " "  
 276 " " " "  
 277 Bedouins in the "Desert."  
 278 Bedouin's Camel.  
 279 Camels Crossing a Bridge.  
 280 Rameses and his Lion. A  
 Pageant of Ancient Egypt  
 (R. Caton Woodville).

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## MS

## EGYPT AND THE NILE.

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- |                                      |                                     |                                     |
|--------------------------------------|-------------------------------------|-------------------------------------|
| 1 Starting from Marseilles Har-      | 56 View from the top                | 106 Typical Mud Village, Karnak     |
| 2 Out at Sea                         | 57 Colossal Statue at Memphis       | 107 A Karnak Family                 |
| 3 Cairo from Windmill Hill           | 58 Approach to the Step Pyramid     | 108 Pigeon House at Luxor           |
| 4 Sharis el Akkadim, Cairo           | 59 The Step Pyramid, Sakkhara       | 109 Temple of Luxor (looking S.W.)  |
| 5 By the Muristan Kalaun             | 60 One of the Sarcophagi of the     | 110 " (looking towards the Pylons)  |
| 6 Sebil Abd er Rahman                | Sacred Bulls at Sakkhara            | 111 Papyrus Bud Columns, Luxor      |
| 7 Mosque Ibrahim Agha                | (taken by flash light)              | 112 Statues of Rameses II. at       |
| 8 In the Esbekiyeh Gardens           | 61 Ploughing near Sakkhara          | Luxor, showing one only             |
| 9 The Kasr en Nil Bridge             | 62 Bedouin Camp & young Camel       | partly excavated [Luxor]            |
| 10 Camels carrying Fodder            | 63 Pestering Tourists to buy        | 113 Village and Dum Palm opposite   |
| 11 Sheep Market                      | Scarabs [Rahineh]                   | 114 Tombs of the Kings, Approach    |
| 12 By the Nile, opposite Boulak      | 64 Among the Date Palms at Mit      | 115 " " Valley of                   |
| 13 The Gezireh Palace Hotel          | 65 Loading a Dahabiyeh with Sugar   | 116 " Rameses IX., Entrance         |
| 14 Scene at Boulak landing-stage     | Cane, opposite Bedrashen            | 117 Pillar in a Chamber of the      |
| 15 Ali Hassan, (Dragoman)            | 66 A laden Dahabiyeh                | Tomb of Rameses VI.                 |
| 16 A Salce                           | 67 Means of Irrigation (1) Shadoof  | 118 Sarcophagus Chamber of Ra-      |
| 17 A Water-carrier                   | 68 " " (2) Sakkiyeh                 | meses VI. [Temple]                  |
| 18 Street Barbers                    | 69 " Esau, " Dragoman on Cook's     | 119 Deir el Bahari. Terrace         |
| 19 Cairo Women                       | Nile steamer, " Rameses "           | 120 " Xenobia, " our Water-carrier  |
| 20 A Cartload of Women               | 70 On the Deck of the " Rameses "   | 121 Paintings in the Tomb of        |
| 21 A Native Funeral                  | 71 Gebel Abu Fédah                  | Nekt, Abd el Kurnah                 |
| 22 Tombs of the Caliphs, Gen. view   | 72 Tombs at Beni Hassan             | 122 Temple of Der el Medineh        |
| 23 " of El Ashraf, Burshey, and      | 73 At Assiout                       | 123 The Ramesseum                   |
| Barkuk                               | 74 Mountain Tombs of the Sacred     | 124 " Colossal Statue               |
| 24 " the Sultan, Barkuk and Son      | Wolf near Assiout                   | 125 Entrance to the smaller         |
| 25 " Mosque of Kait Bey              | 75 A Mummy left by Plunderers       | Temple at Medinet Habu              |
| 26 " Mamelukes with Citadel          | 76 " Baksheesh, " The Arab Ceme-    | 126 Pavilion of Rameses III. and    |
| 27 " " with Pyramids                 | tory, Assiout                       | large Temple                        |
| 28 " of Dervishes                    | 77 A Snapshot from the Steamer      | 127 Medinet Habu, Fore-court of     |
| 29 The Hosh El Pasha                 | 78 Our Pilot and Steersman          | large Temple                        |
| 30 Mokattam Hill and Mosque,         | 79 Dum Palms                        | 128 The Colossi of Memnon           |
| from a Burial Ground                 | 80 In a Village near Belljaneh      | 129 Portico of the Temple at Esneh  |
| 31 The Bab en Nasr                   | 81 In the Temple of Seti I., Abydos | 130 " Good-bye, Kaneh "             |
| 32 Mosque of Mohammed Ali and        | 82 Painted Bas Reliefs, Abydos      | 131 Horus Temple at Edfu            |
| Bab el Gebel                         | 83 " The King offering to Horus "   | 132 Part of the Entrance, Edfu      |
| 33 " " Gamla                         | (from a Wall at Abydos)             | 133 The Portico at Edfu             |
| 34 " " Tulun                         | 84 Coptic Church at Abydos          | 134 Wall Carving in Hypostyle Hall  |
| 35 " " Sultan Hassan                 | 85 Interior of ditto                | 135 A Buffalo, Edfu                 |
| 36 " " " Fountain                    | 86 Near Kaneh, " Who goes there ? " | 136 Children at Kom Ombo            |
| 37 " " " Kibla and                   | 87 Donkeys and Shadoof, Dendera     | 137 Temple of Kom Ombo              |
| Mimbar                               | 88 Portico of the Temple, Dendera   | 138 Interior of Temple, Kom Ombo    |
| 38 Minarets of El Azhar Mosque       | 89 Back Wall of the Temple          | 139 Asouan from the Steamer         |
| 39 The Court of El Azhar, (The       | 90 Gateway at Dendera               | 140 " " Boats for Tourists          |
| University)                          | 91 Interior of the Portico, Dendera | 141 " " Convicts                    |
| 40 The Virgin's Tree, Matariyeh      | 92 A Column in the Portico          | 142 " " The River Front             |
| 41 " Modern Hieroglyphics "          | 93 Avenue of Sphinxes, Karnak       | 143 " Cook's Tourist Steamer        |
| 42 Obelisk of Heliopolis (Farm       | 94 Propylon to Temple of Khons,     | " Rameses "                         |
| view at Matariyeh, Ostrich           | Karnak                              | 144 " Hieroglyphics on Rocks        |
| 43 In an Ostrich Pen                 | 95 Great Temple of Ammon, and       | 145 A Bokara (a fish)               |
| 44 Ostriches and Young (Forest       | Sacred Lake, Karnak                 | 146 Bishareen Men                   |
| 45 A long Tree in the petrified      | 96 Ruins of Second Pylon, Karnak    | 147 A Bishareen Family              |
| 46 " Said Ali " and a petrified Log  | 97 Centre Aisle in the Great Hall   | 148 A Duel between Bishareen        |
| 47 Road to Pyramids of Ghizeh        | of Columns                          | 149 A Nubian Village near the first |
| 48 The Great Pyramid of Cheops       | 98 One of the Side Columns          | Cataract                            |
| 49 The Sphinx and Pyramid of         | 99 A Side Aisle                     | 150 Tourist boated for " Bak-       |
| Chefren                              | 100 Obelisks at Karnak              | sheesh " at the Cataract            |
| 51 A Dromedary and Bedouin           | 101 Broken Obelisk and Hall of      | 151 Philae from Bigeh               |
| 52 Group, with Pyramids of           | Columns [Karnak]                    | 152 Temple of Isis, Philae, in the  |
| Chefren and Menkaure                 | 102 Lotus and Papyrus in Granite,   | Portico                             |
| 53 " Antion " selling in the Granite | 103 Amen & Shishak's Conquests      | 153 " " Inner Peristyle Court       |
| Temple                               | 104 Excavating Ramshehed            | 154 Hypethral Temple, Philae        |
| 54 Climbing the Great Pyramid        | Sphinxes, Karnak (Village           | 155 We leave Alexandria             |
| 55 View showing size of the steps    | Dum and Date Palms, Karnak          |                                     |

For Lantern Slides of Gordon and Khartoum, see page 237.

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MT

## DEIR-EL-BAHARI.

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- 2 General view of Deir-el-Bahari from S.E.
- 3 Tramway, two lines. Lowest platform
- 4 " lower line on lower platform looking towards the Temple
- 5 Upper platform. Central Court being cleared
- 6 " " Central Court in its present state and North end of middle platform from the North
- 7 " " Central Court from within Pylon
- 8 " " Central Shrine [and Coptic Tower]
- 9 " " of the upper platform from N.E.
- 10 General view of the Temple, South end, Punt expedition
- 11 " " Colonnade at North end being cleared
- 12 " " Hawks on South boundary wall
- 13 " " North side. The Queen and Amon Ra, supported by goddesses. Parallel scene to that in Chapel of Amenhotep III. at Luxor
- 14 " " Excavation of January, 1894
- 15 " " Showing Excavations of North side, Dec. 1894
- 16 " " Showing Excavations of North side. Columned Hall just appearing, Dec. 1894 [way]
- 17 " " After Excavations showing cause-way after excavations, looking S.W.
- 18 " " Looking down Birth Terrace (from South to North)
- 19 " " Showing end of Birth Terrace and Columned Hall, looking North
- 20 " " General View
- 21 " " Hall " showing Columned
- 22 " " Northern Colonnade & Columned Hall [way]
- 23 " " Northern Colonnade from Cause-way
- 24 " " Showing one of the unfinished Chapels from Northern Colonnade
- 25 Northern Colonnade. Clearing the East end
- 26 " " Half cleared
- 27 " " Moving a piece of architrave
- 28 Hypostyle Hall at North end of middle platform, Chapel at the end
- 29 " " A niche on the Northern side and end of Colonnade. North end of middle platform
- 30 " " Thothmes III. offering wine to Sokaris and Colonnade
- 31 General View of Halls and Temple from lower
- 32 Lower Shoot [shoot]
- 33 General View of Halls and Temple from South part of valley

- 34 General View of Temple and House from S.E.
- 35 Temples from South-east at the end of season 1894-95
- 36 Temple from South-east at end of season, 1894-95
- 37 Altar seen from the entrance into the Court
- 38 Altar from the West showing the incline (after restoration)
- 39 Funerary Chapel of Thothmes I., portrait of the king at the end of the Chapel of Thothmes I.
- 40 " " Thothmes III. Northern Hall of offerings
- 41 Aahmes, Mother of Hatshepsut, led by Khnum and Hekt
- 42 Coffin of the priest Mentu-ha-men-khet-Ammon (XXIIInd dynasty) now in London
- 43 Sheikh abd-el-Gournah

## Excavations at Tanis.

- 44 Boy and Pot
- 45 Across Sanctuary
- 46 Temple and Pylon from Prof. Petrie's house
- 47 North side of Pylon, Colossi of Ramesses II. in front
- 48 Pylon after a storm
- 49 Broken obelisks after a storm
- 50 Excavations of South side of Temple
- 51 Head of Amenemhat I.
- 52 Base of Amenemhat I.
- 53 Sebekhotep III. usurped by Ramesses II.
- 54 Murmashau, with Apepi's inscription
- 55 Apepi's inscription on Murmashau
- 56 XIIth Dynasty Obelisk usurped by Ramesses II.
- 57 Base of Statue of Mother of Ramesses II.
- 58 Pink granite Head of Ramesses I.
- 59 Sandstone Shrine of Ramesses II.
- 60 Merenptah II. Rose granite
- 61 Staircase to Great Well
- 62 Bakakhui's jars and blue glazed vases
- 63 Cellar of Bakakhui where papyri were found
- 64 Pottery from Zuweil with Ichneumon's bones
- 65 Carrying the Harvest
- 66 Toes of great Colossus
- 67 Waiting to begin work

## Excavations at Tel-el-Mashkuta.

- 68 Chamber of the bronze lattice, Tel-el-Mashkuta
- 69 Block with unknown letters
- 70 Fragments
- 71 Blocks in M. Naville's diggings
- 72 The triad of Tel-el-Mashkuta
- 73 M. Naville's diggings, Tel-el-Mashkuta
- 74 Road near Pithom
- 75 Chamber, Tel-el-Mashkuta
- 76 Chambers, " "
- 77 Triad " "

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| 2 Assur-natir-pal enthroned between attendants  | 10 " " " " No. 2   |
| 3 Winged figure with stag and branch of flowers   | 11 The last stand of Te-umman, King of Elam and Tamritu his son (the beheading of them)      |
| 4 Lion Hunt   | 12 The torture of the Elamite Envoys   |
| 5 Procession of Chariots, Battle without the walls of the City, a.c. 880  | 13 The City Medaktu, procession of Captives, No. 1   |
| 6 Siege of a City on a river, and reception by Sennacherib of prisoners and spoil. (From the Great Hall of Palace, Nineveh) | 14 " " " " No. 2   |
| 7 Head of winged man-headed Bull. (Reign of Esarhaddon, a.c. 680)   | 15 Umman-igas, the new King of Elam, being led forward to receive the homage of his subjects |
| 8 Monolith of Samai Romanus (son of Thalmanesar II. Nimroud)  | 16 The attack on the City, No. 1   |
|   | 17 " " " " No. 2   |

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| 3 " " " " Oil Well on Fire (Struck by lightning)   | 25 Tiflis, Georgian Costumes               |
| 4 " " " " Fire Temple                              | 26 Askabad, Market.                        |
| 5 Bokhara, Turkistan                               | 27 Bokhara, Amir's Palace.                 |
| 6 " " " " Bazaar                                   | 28 Caravans outside Samarkand.             |
| 7 " " " " Pool                                     | 29 Eviran Mosque.                          |
| 8 Canus Ashabad, Central Asia                      | 30 Kbiran.                                 |
| 9 Caucasus. Ossettian Villages in the              | 31 " " " " At Askabad.                     |
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| 12 Kara Kum Desert, Central Asia                   | 34 Registan in Samarkand, No. 1.           |
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| 15 Mount Ararat                                    | 37 " " " " No. 4.                          |
| 16 " " " " from Eriwan                             | 38 The Oxus River.                         |
| 17 Mount Elburz. Caucasus                          | 39 " " " " Wooden Bridge across.           |
| 18 Samarkand, Turkistan                            | 40 Persians at Krasnovodsk.                |
| 19 " " " " Market                                  | 41 Shir Dar Minaret.                       |
| 20 " " " " " "                                     | 42 Teharsu, or Bazaar, Samarkand.          |
| 21 " " " " Story-teller                            | 43 Transcaspian Railway Carriage.          |
| 22 " " " " The Great Square                        | 44 Uluy Bey, Samarkand.                    |
|  | 45 Outside Samarkand.                      |

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| 3 " Durwan Khass from top of             | 76 " The High Court                                     | 142 " Fort of Hall of Audience                                       |
| 4 " Motee Musjid                         | 77 " The Hooghly  | 143 " Hall of Private Audience                                       |
| 5 " near view                            | 78 " Cathedral  | 144 " Ruins of Mosque near   |
| 6 " Motee Musjid, Interior               | 79 " Street in  | 145 Fatchpur Siari, Jodh Bai Palace                                  |
| 7 " Tomb of Akbar Secunda                | 80 " Queen's College                                    | 146 " Bir Ball House   |
| 8 " Akbar's Tomb, exterior               | 81 " Post Office  | 147 " Turkish Queen House  |
| 9 " Tomb of " Etmad-Ud-                  | 82 " Mintollah Ghat, Burn-                              | 148 " Selin Christi Tomb   |
| 10 " Dowlah, mosaic work                 | 83 " ing Bodies   | 149 " Selin Christi Tomb, No. 2                                      |
| 11 " exterior                            | 84 " Brahmin Women                                      | 150 " Selin Christi Tomb, No. 3                                      |
| 12 " interior                            | 85 " Cawnpoor Memorial Statue                           | 151 " Tomb of Selin Christi and Islam Khan                           |
| 13 " Taj Mahal                           | 86 " Entrance to Well & Palms                           | 152 " Tomb of Islam Khan, interior                                   |
| 14 " The Taj Mahal                       | 87 " Cashmere, Bricklayers at Work                      | 153 " Gate of Victory  |
| 15 " Taj Mahal, River Front              | 88 " Ceylon, Point de Galle, 7s. 6d.                    | 154 Fisherman's Wife   |
| 16 " Taj Mahal                           | 89 " Bamboos, Group of                                  | 155 Fishing Village, one Woman                                       |
| 17 " from the Fountain                   | 90 " Cinnamon Peelers                                   | 156 Fatchpore, Sheikh Selim's Tomb                                   |
| 18 " from the Gate                       | 91 " Colombo, Street in                                 | 157 Ganges, Source of  |
| 19 " The Gate of                         | 92 " From Trinity Church                                | 158 " Missionary Preaching   |
| 20 " The Marble Screen                   | 93 " Temple   | 159 Group of Native Women  |
| 21 " Interior of Mosque                  | 94 " Adoration of Buddha's Tooth                        | 160 Gwalior, Fort Palace   |
| 22 " Mosque near                         | 95 " Colombo Cathedral                                  | 161 Gwalior, Mahrajah Soldier  |
| 23 " Pearl Mosque Courtyard              | 96 " A Daughter of the Land                             | 162 Hanumkonda Pillar  |
| 24 " Jehangir's Palace, Fort             | 97 " Devil Dancer's Mask                                | 163 Havelock, General, Portrait of                                   |
| 25 " Moti Musjid, Fort                   | 98 " at Private Porehata                                | 164 H. M. the King, when Prince of Wales, Reception of Native Prince |
| 26 " Ahmedabad, the Jumna Musjid         | 99 " Kandy, General View                                | 165 " Hunting the Wild Boar  |
| 27 " Rani Sipri's Mosque                 | 100 " Girl with Water Chatty                            | 166 " Tiger Shooting   |
| 28 " " Tomb                              | 101 " Great Rock and Thorns                             | 167 " Terai, Beating Jungle  |
| 29 " Hafiz Khan's Mosque                 | 102 " Bush in Desert; "Meroy" Umbrella" at Bellary      | 168 " Bear Shooting  |
| 30 " " interior                          | 103 " Roman Catholic Festival                           | 169 Hyderabad—Great Gate   |
| 31 " "Hathi Sing (Jain) Temple, exterior | 104 " Procession, Buddha's Tooth                        | 170 " Procession with Elephants                                      |
| 32 " " interior                          | 105 " Singalese Gentleman in Evening Dress              | 171 " Nizam's Palace   |
| 33 " River Sabadinate                    | 106 " Tailpat Palm                                      | 172 " Drawing Room   |
| 34 " Ajanta, Caves of, Exterior          | 107 " Traveller's Palm                                  | 173 Idols, Brahma  |
| 35 " " Interior—chewing carved columns   | 108 " Trincomalee                                       | 174 " Durga, Wife of Siva  |
| 36 " Ambar, Near Jeypore                 | 109 " Snake Charmer                                     | 175 " Kali, Wife of Siva   |
| 37 " Amritsar, The Golden Temple         | 110 " Anuradhapura, Remains of Temple Columns and Steps | 176 " Vishnu   |
| 38 " Golden Temple, Sacred Tank          | 111 " Anuradhapura, Steps with Moonstone at foot        | 177 " Siva, or Mahadeo   |
| 39 " Side Wall Mosaic                    | 112 " " Temple Steps                                    | 178 Jeypore, Rajput Chiefs and Followers                             |
| 40 " Baba Atal Tower                     | 113 " Chaturghat—Residence House                        | 179 Jeypore, Wool Cart   |
| 41 " Weaving                             | 114 " Clyde, Lord, Portrait of                          | 180 Jubblepoore, Marble Rocks  |
| 42 " Paquais [Wales]                     | 115 " Cochin, Street in British                         | 181 Lahore, Baradan and Fort   |
| 43 " Baroda, Entrance of Prince of       | 116 " Shore of Bolghatty Island                         | 182 " Passenger Bullock Vandy  |
| 44 " The College                         | 117 " View on Backwater                                 | 183 " Runjeet Singh's Tomb   |
| 45 " Temple and River                    | 118 " " Houseboat                                       | 184 Lawrence, Sir John, Portrait                                     |
| 46 " River View                          | 119 " The British Residency                             | 185 Lucknow, Gateway of Bazaar                                       |
| 47 " Gackwar's Palace, front view        | 120 " A White Jewess                                    | 186 " The Emambara   |
| 48 " " Drawing-room                      | 121 " A Brahmin Woman                                   | 187 " Palm Tree  |
| 49 " " Status on Stairs                  | 122 " A Young Native Girl                               | 188 Madras, from the Sea   |
| 50 " Benares, Burning Ghat               | 123 " A Native Lady                                     | 189 " Fuel Store   |
| 51 " Ghat                                | 124 " Catching Fish                                     | 190 " Grain Sellers  |
| 52 " Ghat Festival                       | 125 " Passenger Boat in Backwater                       | 191 " Group of Brahmins  |
| 53 " Eclipse Festival                    | 126 " Hindoo Temple in native Cochin                    | 192 " Low-Caste Women  |
| 54 " Great Temple                        | 127 " " shewing Group of Natives                        | 193 " Potters at Work  |
| 55 " Manikarnika Ghat                    | 128 " Fishing People at Bolghatty                       | 194 " Surf Boats   |
| 56 " Mosque of Aurangzib                 | 129 " Catamaran in Surf                                 | 195 Madras Infantry, Native Officer                                  |
| 57 " Temple, Exterior                    | 130 " Darjeeling, Tea District                          | 196 " " Soldier  |
| 58 " The Monkey Temple                   | 131 " with View of Mount Everest                        | 197 " Cavalry, a Subahdar  |
| 59 " Mohammedan Tailor                   | 132 " Women picking Tea                                 | 198 " " Officer  |
| 60 " Bengal, Rustic scene, Village life  | 133 " Men fermenting Tea                                | 199 " Chepauk Palace   |
| 61 " Bombay, Elephanta Island            | 134 " Packing Tea                                       | 200 " A Bungalow   |
| 62 " Caves of Elephanta, Entrance        | 135 " Mount Everest                                     | 201 " Tropical Foliage   |
| 63 " Skeleton Group                      | 136 " Natives   | 202 " Madras, The Great Temple, Paintings on Walls                   |
| 64 " Boreah, Bazaar Street               | 137 " Delhi, Cashmere Great Gate                        |  |
| 65 " Rhendi, Bazaar Street               | 138 " Great Mosque                                      |  |
| 66 " Ellora Cave, Exterior               | 139 " Kutub Minar                                       |  |
| 67 " " Interior                          | 140 " Palace, Deswan, Kassi, Interior                   |  |
| 68 " Government Offices                  | 141 " The Marble Screen                                 |  |
| 69 " Rampart, Port, Pier, &c.            |   |  |
| 70 " Harbour, from Brenda                |   |  |
| 71 " Parsee, Woman                       |   |  |
| 72 " Public Works                        |   |  |
| 73 " Women Grinding Corn                 |   |  |



## INDIA—Continued.

- 379 Adjunta, Caves of.  
380 " Cave No. 99.  
381 Agra, The Taj Mahal.  
382 " " Near View.  
383 " " The Dome.  
384 " " Marble Screen, showing Tombs.  
385 " " Garden Gates.  
386 " " Tomb, or Dargah, of Sheik Salim Chisti at Fatephur-Sikri.  
387 Attock Bridge.  
388 Aurangabad, Deccan, Fort of Daulatabad, Pillar of Victory in foreground.  
389 Barrackpore, near Calcutta.  
390 Bombay, University Library and Clock Tower.  
391 Calcutta, Government House.  
392 Cawnpore, The Suttee Chevra Ghant.  
393 " Wheeler's Entrenchment.  
394 Christian Congregation at Bhalay, near Buaud.  
395 Darjeeling, A Tea Garden.  
396 Darjeeling, A Tea Garden, Coolies Returning with Leaf.  
397 Darjeeling, A Curve on the Railroad on a Spur of the Himalayas.  
398 Delhi, The Jumna Musjid.  
399 Delhi, The Jumna Musjid, The Saman Burj, or Jasmine Tower.  
400 Delhi, The Moti Musjid, or the Pearl Mosque.  
401 Delhi, The Diwan-i-Khas, or Private Hall of Audience, Emperor's Palace.  
402 Dilwara (Mount Abu), Jain Temple, Int. (one of the finest interiors in India).  
403 Dohad, Pauch Mehax (a Veritable Bird City), Clay Nests of Swallows.  
404 Jhalod, Pauch Mahals, Street.  
405 " (near), Temple, with Fakir.  
406 " (near), Idols in Courtyard of Temple. (Some of them are only bricks ornamented with silver paper—a rare thing.)  
407 Malakand Fortress.  
408 Paranty, Famine Orphans at Breakfast.  
409 " An Indian Carpenter Class.  
410 " Village near.  
411 Phalut, Clouds Seen from.  
412 " Evening Light seen from.  
413 Pola Lake, Codeypore.  
414 " " with Groves and Marble Palaces on the several Islands.  
415 Surat Castle.  
416 Open-air Village Sunday School for Heathen Children, Deesa.  
417 A Famine Orphan.  
418 A Native Crowd Watching Jugglers.  
419 A Village Feast.  
420 Drawing Water from Village Tank.  
421 Waterway and Boat.  
422 A Bridge.  
423 Snake Charmer.  
424 European Bungalow.  
425 Small Group of Bengali Girls.  
426 A Chagran or Bullock Waggon.  
427 Prisoners in an Indian Prison Yard.  
428 Aborigines in Khurdistan, Orissa.  
429 Aboriginal Women in Khurdistan, Orissa.  
430 Up-country Servants.  
431 Agra, The Fort, Near View.  
432 " The Fort, Inside the Great Gate, showing the immense size of the Wall.  
433 " Gate of the Taj Mahal.  
434 " The Jasmine Tower.  
435 " The Angari Bagh (or Grape Garden), with the Khas Mahal and Golden Pavilions.  
436 Amritsar Gate, Entrance.  
437 " Causeway leading to the Golden Temple.  
438 " Tank and Golden Temple.  
439 Cashmere Gate (showing the Ditch).  
440 Delhi, Gate of the Fort.  
441 " The Pearl Mosque.  
442 " Tomb of the Emperor Hamayam.  
443 Fathpur Sikri, Great Gate of Victory.  
444 " The Dewan Khas.  
445 " The Elephant Tower.  
446 Gwalior, The Sasbahu Temple (Hindoo, date 1083 A.D.).  
447 " The Telika-Maudir (Hindoo, date 11th century).  
448 " Elephant supplied by Maharajah Scindia for Visitors to Gwalior Fort.  
449 Sekundra, Akhar's Tomb, The Upper Storey.  
450 Elephants at Work Hauling Logs of Teak (Rangoon).  
451 A Cattle Shed and Cattle (Punjab).  
452 A Sugar Mill (Punjab).  
453 Lucknow, The Residency.  
454 Baluchistan. Quetta. Baluchi in foreground.  
455 Bolan Pass. (Valley of Bolan River.)  
456 Chappa Rift on the Harnai Line.  
457 Horses galloping down to Water. Kot, Northern Punjab.  
458 View at Top of Khyber Pass.  
459 Khyber Pass. Fort of Ali Musjid in distance.  
460 Caravans resting up the Khyber.  
461 A Tonga (European way of travelling) on the Kashmir Road.  
462 Three Ekkas (Native way of Travelling) on the Kashmir Road.  
463 Bullock Carts resting, on the road to Kashmir.  
464 Jum-Jum and Ekkas in front of Bungalow on Hill at Chakoti, road to Kashmir.  
465 Jum-Jum on the road to Kashmir. Waterfall behind.  
466 Valley of Jhelum. Road to Kashmir.  
467 " " near Rampur. Road to Kashmir.  
468 " " at Domal, borders of Kashmir. Shewing cultivation in hanked-up terraces on hillside.  
469 Kashmiris riding in Poplar Avenue from Baramulla to Srinagar, Kashmir.  
470 Ruins of Temple of Martand, Kashmir.  
471 Valley of the Kishengunga, near where it joins the Jhelum borders of Kashmir and North-West Frontier Province.  
472 Lower Khogan Valley, N.W. Frontier. (Khagan Mountains behind.)  
473 Dugout Boats loaded with Coconuts. Man with big hat.  
474 Sugar Cane Crushing Mill.  
475 Malabar, Man in Boat.  
476 " A Malaban House and Cocon Trees.  
477 " Entrance Gate to Malaban House.  
478 " Malaban House in Garden.  
479 " Coconut Trees.  
480 Taopatri Temple, Gopanam or Gateway.  
481 " " Carved Stone of the Entrance Gate.  
482 " " Exterior View.  
483 " " Stone Car.  
484 Madras, Men Ploughing.  
485 " Covered Bullock Cart.  
486 " Interior of House.  
487 " Loading Rice in Boats. Ferok.  
488 " High Court Buildings, and Old Lighthouse Tower.  
489 " Banyan Trees.  
490 Temple Car carved from Stone. Aumpli.  
491 Indian Snake Charmer and Cobra Snake.  
492 Indian Bullock Cart.  
493 Indian Mortar Mixing Mill.  
494 Drawing Water, Leather Bucket Discharging.  
495 Water Pony.  
496 Tree Ferns, Simms Park.  
497 Indian Wooden Plough and Cattle.  
498 Temple Vellore, Fort.  
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500 Fine View of Lambs Rock and Drug Range.  
501 Lambs Rock from Nilgiri Railway.  
502 Tree Ferns, Walkers Hill Road.  
503 Native Boats, Southern India.  
504 Carved Pillar in Periev Temple.  
505 Sacred Bull, Periev Temple.  
506 Court Yard, Periev Temple.  
507 Carved Pillars, Interior, Periev Temple.  
508 Evening on Noyel River.

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## INDIA.

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| 17 | " "   | 91  | " The Taj Baoli (Queen's Tank)                 |
| 18 | Hassan Abdul. Enclosure round Tomb of one of Akhar's Wives (commonly known as tomhof Nur Jahan) | 92  | " General View of Ibrahim Rouza                |
| 19 | Rawul Pindie. The City Gates  | 93  | " Tomb of Ibrahim Rouza                        |
| 20 | " Serdar Sujau Singh's Hall   | 94  | " "  |
| 21 | Ferozpoore. Native Acrobats performing  | 95  | " The Malek-i-Maidan                           |
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| 59 | " Cenotaph of Appa Sahib Bolia  | 133 | " Chaplain's Bungalow                          |
| 60 | " " Ma  | 134 | " Milk Woman                                   |
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| 69 | " Entrance Gate to Haidi Singh's  | 143 | " Dining Room                                  |
| 70 | " Temple  | 144 | Banyan Tree                                    |
| 71 | " Haidi Singh's Temple, Int.  | 145 | Shrines and Swami Temple under Tree            |
| 72 | " " Ext.  | 146 | Buddha. Marble Statue                          |
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| 74 | " Mohafiz Khan's Mosque   | 148 | Port ahle Siva Temple                          |
| 75 | " Mohafiz Khan's Mosque, Upper details of Minaret   | 149 | Kardiy. Entrance to Buddhist Temple            |
| 76 | " Mohafiz Khan's Mosque, Lower details of Minaret   | 150 | " Buddhist Temple. Interior of Shrine          |
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| 78 | " "   | 152 | " Elephant lifting Timber Log                  |

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- 9 " " Lady & Female Servant
- 10 " " Children
- 11 " Funeral, Phoongyee Byan, the Coffin carried in Paper Temple
- 12 " Houses on Piles in River
- 13 Burmese Village on bank of River
- 14 " Monastery
- 15 Burmese Priest
- 16 Country Girl Selling Fruit
- 17 Images of Gautama in Temple
- 18 Burmese Lady Smoking Cheroort
- 19 Buffalo Cart, Country Scene
- 20 Burmese Loom, Spinners and Weavers at Work
- 21 Bhamo Woman with Head-dress
- 22 Burmese Gentleman and his Wife Smoking
- 23 Dacoit Prison
- 24 Rangoon, General View
- 25 " Burmese Race Boat
- 26 " Town of Pagodas, surrounding Great Pagoda
- 27 " The Great Pagoda, near View
- 28 " Entrance to Great Pagoda
- 29 " Elephants drawing Timber
- 30 Two Shan Women
- 31 The Hairy Family
- 32 Ruby Mines on the way to
- 33 " Wapondousy, on the way to
- 34 Bo-tree. Ficus-religiosa
- 35 Amarapura, formerly the Burmese Capital, now little more than a village
- 36 Mandalay Fort. N.E. Angle
- 37 Approach to S. Gate
- 38 Southern Gate, interior, also showing stairway to ramparts
- 39 " The Centre of the Universe " and the Throne Room of King Theeban's Audience Hall
- 40 King Theeban's Throne
- 41 Palace Buildings, now utilized as Government Offices
- 93 Arracan Pagoda, with tank for sacred turtle
- 94 " Fresco in Pagoda (a)
- 95 " " (b)
- 96 Mandalay Mosque
- 97 " Centre of Universe
- 98 " Staircase to Theeban's Throne
- 99 " Palace Gardens
- 100 " Pavilion, where Theeban surrendered
- 101 " Hill of Pagoda
- 102 Maymyo, Road to
- 103 Meiktila Pagoda and Mast
- 104 " " and Shrine
- 105 " Figure of Gautama
- 106 " Slender Pagoda
- 107 " Lions at Pagoda entrance
- 108 " Peepul Tree
- 109 " " growing out of Pagoda
- 110 Mingoan Bell
- 111 " Pagoda
- 112 Myingyan Vernacular School Group of Scholars
- 113 " Female Teachers
- 114 " Girl Scholars

- 42 Palace Chapel. The model of the Kyoung (Monastery) in which King Theeban spent his novitiate life as a monk
- 43 Palace Chapel, N. end, showing the elegance of design and elaborate ornamentation of this building
- 44 Palace Chapel Road, showing shrine erected to contain some relics of Buddha
- 45 King Mindoon's Tomb
- 46 Mandalay Hill from the Fort
- 47 Gigantic Buddha, in a shrine at the foot of Mandalay Hill
- 48 The 980 Pagodas, more properly known as the Koo-the-daw (Royal Merit)
- 49 Central Pagoda in the Koo-the-daw
- 50 Engraved Slab in Pagoda, on which is cut in Pali a portion of one of the Sacred Buddhist books
- 51 Base of Central Pagoda, ornamented with various grotesque figures
- 52 Armean Pagoda Approach, the most sacred shrine of the neighbourhood of Mandalay Fort
- 53 Arracan Pagoda Frescoes, representing incidents in the life of Gautama, etc.
- 54 Arracan Pagoda Image, supposed to have miraculous healing power
- 55 Queen's Monastery, one of the sights of Mandalay
- 56 Serpent Shrine, showing the quaint fancy and fine workmanship of the Burmese Wood-carvers
- 57 Phoongyee Novices begging. (Mendicant Monks)
- 58 Phoongyee-byan Pyre for cremating the bodies of the most holy of the Phoongyees
- 59 Phoongyee-byan, Ornamental Cars
- 60 Phoongyee-byan, Procession
- 61 Christ Church, built for the S.P.G. by King Mindoon
- 115 Myingyan Boy Scholars
- 116 " Men Teachers
- 117 Sagaing Landing
- 118 S. Shan States. Monastery School
- 119 " " Rest House.
- 120 " " Exterior
- 121 " " Interior
- 122 " " Wooded Hills
- 123 " " Plateau
- 124 " " Dug Out
- 125 " " Canoe
- 126 " " Rowing with Leg (a)
- 127 " " Rowing with Leg (b)
- 128 " " Market Day, Women selling fruit
- 129 " " Market Day, General View
- 130 " " Market Day, Women selling
- 131 " " Bazaar Headman
- 132 " " Men with Rain-hats
- 133 " " Women with Rain-hats

- 62 Christ Church, Interior
- 63 Group of Mission Scholars
- 64 Group of Converts
- 65 Burmese Princesses, attending at the Treasury on the 1st of the month to draw their grant

## Bazaar Scenes.

- 66 Fruit Stall
- 67 Tobacco Stall
- 68 Silk Stall
- 69 Eating House
- 70 Mat-weaving
- 71 Mat-houses
- 72 Carving in Drawing room
- 73 Another Drawing room, showing carving in punkah board, with its quaint climbing monkeys
- 74 Timber Depot on the Irrawaddy
- 75 Teak Log

## Trees.

- 76 Tamarind
- 77 Mango, valued both for fruit and shade
- 78 Palmyra Palm in blossom
- 79 Coconut Palms
- 80 Papaya Tree
- 81 Papaya Male Blossom
- 82 Papaya Female Blossom in fruit
- 83 Peepul Tree

## Pagodas.

- 84 Jungle Pagodas
- 85 Small Pagoda in Compound of Bishop's Court, Rangoon
- 86 Leogryphs
- 87 Leogryphs—the approach to the Pagoda is usually guarded by grotesque monsters
- 88 Treasure Chest at the Eyn-dawyer Pagoda, Mandalay, for receiving the offerings of the faithful
- 89 Black Gantama
- 90 Mall Steamer on the Irrawaddy
- 91 Transport Elephants drinking
- 92 Village Well
- 132 S. Shan States. Hill girls
- 133 " " Shan Lady
- 134 Panthay (Mahomedan Chinaman)
- 135 Two Pathans
- 136 Buddhist Monks
- 137 Buddhist Nuns
- 138 Postman
- 139 Burmese Band
- 140 " Juggler
- 141 " Villager
- 142 " Horseman
- 143 " Women
- 144 Group of Gantamas
- 145 Moharrem Tiger
- 146 Elephants on Parade
- 147 " "
- 148 Tusker Elephant
- 149 Baby Elephant and Mother
- 150 Mysore Bullocks
- 151 Bullock Cart
- 152 Buffalo
- 153 Mule Cart
- 154 Mango and Bamboo
- 155 Cotton-wood Tree
- 156 Jungle Tree
- 157 Weaver Birds' Nests
- 158 Paddy Fields
- 159 Tree roofed Zayat (water
- 160 Wayside shed for drinking

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## CHINA.

- 5 Aden.
- 6 Hong Kong Peak.
- 7 Hong Kong, Street of Steps.
- 8 Hong Kong Peak.
- 9 Peking, Street.
- 10 " Pagoda.
- 11 " Street, with distant view of hill in the Imperial Palace Grounds.
- 12 " Hataman Gate, showing the train passing through.
- 13 " Hataman Gate, the Courtyard.
- 14 " Hataman Gate, outside the.
- 15 " Marble Pagoda in Yellow Temple.
- 16 " Ruins of Students' Cells at the Great Examination Hall.

- 17 Peking, Camels on Caravan Route to Manchuria just outside.
- 18 Shanghai City, Old Moat.
- 19 " Sewerage Canal.
- 20 Shanghai Bund.
- 21 Tientsin Station.
- 22 Shanghai, Tea House.
- 23 " Farmers Fearing the Evil Eye of the Camera Inside the City Wall of Old Shanghai.
- 24 Tientsin, Ruins of Roman Catholic Church.
- 25 Wuchow, West River.
- 26 " Landing Stage.
- 27 " Unloading Sampans.
- 28 Bullock Cart.
- 29 Chinese Funeral.

## JAPAN.

- 30 Kioto, Rare Damascene Work.
- 31 Kobe, Tea House.
- 32 Koyasan, Great Avenue of Cryptomerias, Imperial Tombs, No. 1.
- 33 " Great Avenue of Cryptomerias, Imperial Tombs, No. 2.
- 34 " Yamato, Old Imperial Tombs at the Monastery.
- 35 " Shinto Shrine.
- 36 Koyasan, Temple Gardens.
- 37 " Bell Tower.
- 38 Koyasan, Monastery School.
- 39 " Valley.
- 40 Koyasan, Distant View, No. 1.
- 41 " No. 2.
- 42 Nikko, Tea House.
- 43 Nitto, Temple Steps.
- 44 " Scenery, No. 1.
- 45 " No. 2.
- 46 Osaka, A Funeral, No. 1.
- 47 " No. 2.
- 48 Taja.
- 49 The Rapids.
- 50 Tokio, Olakusa Park.
- 51 " Near View.
- 52 Tokio, In the Tea House Gardens.
- 53 Famous Wisteria Tea House.
- 54 Tokio, Trying to Sketch.
- 55 Nikko, Bell Tower.
- 56 Tokio, Great Moat round Castle.
- 57 " Principal Bridge Across the Great Moat.
- 58 " Bamboo Yard.

- 59 Tokio, Street.
- 60 Canal.
- 61 Tonomine.
- 62 Yancato.
- 63 Wakayama.
- 64 Yokohama, Shipping Clerk and Carriers.
- 65 Policeman.
- 66 Farmhouse near.
- 67 Japanese Pilgrims.
- 68 Travelling Chair.
- 69 Japanese Governess.
- 70 Springs of Junks with Pleasure Crowds.
- 71 A Country Road.
- 72 High Priest and Attendant.
- 73 Laying Sprats Out to Dry.
- 74 A Jap Gunmetal Figure, entitled the "Queen of Paradise."
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- 77 Sweetmeat Seller in the Village.
- 78 Farmhouse and Rice Fields.
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- 80 Girls' School on an Outing.
- 81 Luxuriant Vegetation of Bamboo and Araucarias.
- 82 Girl Dancing, Fan Open.
- 83 Fan Closed.
- 84 Child "Dancer, No. 1.
- 85 " No. 2.
- 86 Girl in Sunday Clothes, No. 1.
- 87 " No. 2.
- 88 Girls Greeting Each Other.

## KOREA.

- 89 Chemulpo, Landing at.
- 90 Dye Washers.
- 91 Seoul, Street Scene.
- 92 " Street, with Shops.

- 93 Seoul Street, with Passengers.
- 94 " Market Scene.
- 95 Seoul, The Only Pagoda.
- 96 " Market.
- 97 A Korean.

## RUSSIA, SIBERIA, AND MANCHURIA.

- 98 Gensan, Fish Market.
- 99 Harbine, The Bund.
- 100 Harbine, Mud Barracks.
- 101 " Street Musician.
- 102 Irkutsk, Scenery near.
- 103 " Market.
- 104 Crossing Lake Baikal.
- 105 Manchuria, Emigrants Sleeping on the Platform Station.
- 106 Siberia, Zlatonst.
- 107 Siberian Railway Station.
- 108 " Water Tower at every Station on the Line.

- 109 Siberian Railway, Buying Melons at the Station.
- 110 Moscow, The Kremlin.
- 111 Moscow, View from the Kremlin.
- 112 " Great Square in Front of the Kremlin.
- 113 " Cathedral of St. Michael.
- 114 St. Saviour.
- 115 Vladivostock, Station.
- 116 " Harbour Scene.
- 117 " Sailors' Market.
- 118 The "Baikal" Steaming into Harbour.
- 119 The "Baikal" Steaming into Harbour, near view.

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- 102 " Sweetmeat Seller.
- 103 Colombo, A Street.
- 104 Kandy, Peredynia Gardens.
- 105 " Elephants being Scrubbed in the River.
- 106 Madras, Government House.
- 107 " Girl.
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- 17 Afghans in Market at Quetta

- 18 Brahmis Mastung, Kalat State, Baluchistan
- 19 Brahmis at Dadar " " "
- 20 Marvi Baloochies
- 21 " "
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- 10 Lung-Hwa Pagoda, Shanghai
- 11 Kah-Ding Pagoda
- 12 Pal-li-chow Pagoda, Peking
- 13 Canton, Foreign Settlement
- 14 " Steam-boat Wharf, the "Kin-shan"
- 15 " Steamer, Honan, other side of river
- 16 " Chinese Drawing room
- 17 " Native Gentlemen of Canton
- 18 " Native Lady of Canton
- 19 " Cantonese method of wearing the Hair
- 20 " Mandarin's Visit of Ceremony
- 21 " Wife
- 22 " Temple of 500 Gods
- 23 " Buddhist representation of Hell, Offer-
- 24 " Feast of Lanterns (ings for Dead
- 25 " Dr. Morrison entertaining Visitors
- 26 Swatow, general view
- 27 Amoy, Itinerant Doctor
- 28 Foochow, Foreign Settlement, &c. [Tea
- 29 " Women Picking, Sorting, and Preparing
- 30 Chusan, the Sacred Island of Poo-too
- 31 " Exterior of a Temple, Poo-too
- 32 " Buddhist Priests
- 33 Shanghai, the Bund
- 34 " The English Cathedral
- 35 " The Public Tea Gardens
- 36 " A Family Group
- 37 " Woman
- 38 " Chinamen with Bamboo Jacket, Summer
- 39 " Chinaman in Fur Robes, Winter Suit
- 40 " Peasantry with Rain Coats
- 41 " Mandarin carried through the Settlement
- 42 Canton, Wheelbarrow, two Female Passengers
- 43 " " with Passenger and Pig
- 44 " Chinese Sampam, or Passenger Boat
- 45 " Bridal Procession
- 46 " Chinese Fortune-teller
- 47 " Needlewoman, Carpenter, and Horseboy
- 48 " Barber dressing man's hair in the street
- 49 " Travelling Vendor of Cakes
- 50 " Cotton-weaving Loom at work
- 51 " Chinese Musicians and Instruments
- 52 " Blind Beggars
- 53 " Chiropodist operating on a Gentleman
- 54 " Ploughing with Buffalo
- 55 " Opium Smoking in an Opium Den
- 56 " Court of Justice: Trial taking place
- 57 " Punishment of the Cangue on Prisoners
- 58 " Capital Punishment. Execution Ground
- 59 Peking, Street in the City of
- 60 " Shop Front elaborately carved
- 61 " Entrance to the Kwo-tsz Chien, or National College, where the Emperor annually expounds the classics
- 62 " West Entrance to the Ta-Kow Tien, where the Emperor worships Shangti
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- 64 " Burning the Imperial Sacrifices in the Grounds of the Altar of Heaven
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- 75 " Koon Yam Temple, Bronze Buddhas
- 76 Ting Wang. The Guardians of the Porta Monastery
- 77 Tien Dong. The Three Pure Ones in Buddhist
- 78 Shanghai Tea Garden
- 79 Shanghai, Lung River Pagoda
- 80 " Chinese Temple
- 81 " Great Gali Pailow Z Kyh
- 82 " Tablets bearing Names of Shanton Graduates
- 83 Peking, Arched Gate
- 84 " Interior of Gentlemen's House
- 85 " Itinerant Cooks
- 86 " Female Barber showing Head-dress
- 87 " Stone Elephants
- 88 Ming Tombs

## China.

New series from direct negatives.

- 88 Amoy, Front View of a merchant's house
- 89 " Harbour
- 90 Changpoo, West Gate
- 91 " North Gate, looking from within the City
- 92 " South Gate
- 93 " Small Shrine by the wall
- 94 " Front of the Yamen
- 95 " " Confucian Temple
- 96 " Bridge near
- 97 " Just outside
- 98 " Wooden bridge across stream outside
- 99 " Civil Mandarin and Family. (The most important magistrate of the City)
- 100 " Wife of Mandarin
- 101 " Mandarin, the same as sat on the Ku-cheng Massacre Commission
- 102 " Husking Rice in Hospital
- 103 " A group of Chinese Soldiers photographed in Mission Compound
- 104 " Workmen who made the last additions to Changpoo girls' school
- 105 " A group of native preachers with the Changpoo pastor and Mr. Tandeman
- 106 " Buddhist Temple in Ruins, large bell to the left, Buddha to the right, behind Changpoo Hospital
- 107 Resting Place in the middle of the pass on the way to Changpoo
- 108 Burn Scene, near Changpoo
- 109 Ko-jin, a fishing village six miles from Changpoo
- 110 Pi-aw on the way to Eng-chun
- 111 Chinese Pastor and his Wife
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- 113 An old man who became a Christian after the age of 80
- 114 Chapel keeper drawing water
- 115 A mission boat
- 116 Mission Compound
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- 118 Students in the Dispensary
- 119 Medical case
- 120 Two Chinese Students of Engineering from Foochow
- 121 Chinese official in front of a Japanese Screen
- 122 A group of Chinese ladies
- 123 Girls dressing their hair
- 124 A Chinese Barber
- 125 Chinese Musician



## CHINA—Continued.

- 126 Two native girls writing at a table  
 127 Chinese Artist  
 128 An umbrella mender  
 129 A group of literati  
 130 Coolie in Chinese raiment  
 131 A Stone Mason  
 132 A Chinese Cobbler  
 133 Wool carding  
 134 A group of Chinese Archers  
 135 Cutting fir-trees for fire wood  
 136 Chinese Punch and Judy Play  
 137 Rice pounding  
 138 Market-place with coffins for sale underneath the booth to the right  
 139 Harvest fields (rice)  
 140 Chinese village with rice fields in front  
 141 A Chinese village  
 142 Circular Village Fort  
 143 Lime-kiln  
 144 Water Wheels  
 145 Mandarin with retinue about to leave after an afternoon call  
 146 Young Mandarin on horseback  
 147 Mandarin's wife with two daughters  
 148 Salt Mandarin  
 149 A Mandarin's son and three friends  
 150 A large mansion, the house of a rich Chinaman on Kolongen  
 151 Village Family, Three generations  
 152 On the way home  
 153 Peking, City, General View  
 154 " Wall from Ha-Tai-Min  
 155 " Summer Palace  
 156 " Imperial Palace, Hall of Audience  
 157 " Imperial Palace, one of the Audience Chambers with the Throne  
 158 " Imperial Palace, Emperor's Library  
 159 " Imperial Palace, Emperor's Bedroom  
 160 " Imperial Palace, Mathematical Instruments  
 161 " Imperial Palace, Mathematical Instruments  
 162 " Lu Kow Bridge  
 163 " Front of Northern Cathedral after the Relief of the Legations, showing effects of Bombardment  
 164 " Hill and Pavilions built by the Emperor at the back of the Imperial Palace, to keep off the Evil Spirits  
 165 " Pavilions of the Imperial Palace, showing the Moat  
 166 Peking, Temple of Heaven  
 167 " Altar of Heaven  
 168 Tai Ho Men. The Forbidden City  
 169 Sailing Sledges on the Grand Canal  
 170 A Chinese Family in a Sampam  
 171 Chinese Family in Garden  
 172 " at dinner  
 173 Chinese Gentleman Smoking  
 174 The only three Messengers who got through the Chinese Lines  
 175 Group of Chinese Graves, in Horseshoe  
 176 A Group of Peiliars with Tools  
 177 An Ox grinding in a Field  
 178 Two Chinese Idols in Temple of Buddha  
 179 First flight of Steps at the Uncovered Altar at Temple of Heaven  
 180 Buddhist Prayer Wheel  
 181 Chinese Garden Party  
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 185 Liu Kwên Yi  
 186 A Chinese Official, A Mandarin of Amoy  
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 196 Peking, Western Gate  
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 198 Foot of the Two Kings' Peaks  
 199 Pavilion and Gardens of a Mandarin  
 200 Dinner Party at a Mandarin's House  
 201 Showroom of a Lantern Merchants at Peking  
 202 Cat Merchants and Tea Dealers at Deng Chow  
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 5 Joseph's brethren put him down an old well  
 6 Joseph in the prison house. The outer door; the keys entrusted to Joseph; the Butler's and Baker's dreams interpreted by Joseph  
 7 Joseph before Pharaoh. "Interpreting the dream"  
 8 Joseph giving corn to his brethren  
 9 Jacob comes to Egypt with all his house  
 10 Joseph feasting his brethren  
 11 The Lost Coin—"Seeking"  
 12 "Finding"  
 13 The Prodigal Son—"He divided unto them his living." N.B.—The middleman dividing the dollars. Servants bringing out the goods. The father in the background looking on  
 14 The Prodigal Son—"He went unto a far country." (An opium and gambling den)  
 15 The Prodigal Son—"He sent him into his fields to feed swine"  
 16 The Prodigal Son—"He arose and came unto his father"  
 17 The Prodigal Son—"This my son was lost, and is found"  
 18 The Importunate Widow. The Mandarin feasting in the Yamen. The Widow trying to beat the gong at the door to gain admittance. Servants seeking to drive her away  
 19 The Importunate Widow.—To gain a hearing, she presents her petition in the public street when the Mandarin is passing in his chair, and the people in the shops are looking on  
 20 The Importunate Widow.—The widow gains a hearing before the Mandarin—her adversaries are punished with the stocks and bamboo

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| 24 " An Ox carrying Tea         | 50 Shinto Temple near Myanoshita | Hair                             |
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| 17 Kyoto, Kinkakuji Temple.              | 42 Japanese Potter making Jars.               |
| 18 " A Pine Tree at Kinkakuji Temple.    | 43 Japanese Shoemaker.                        |
| 19 " A Group of Priests.                 | 44 Fruiters' Shop.                            |
| 20 Japanese High Priest.                 | 45 Wrestling (Omisaki and Koshigatake).       |
| 21 Buddhist Funeral Procession.          | 46 Tokyo, The Lotus Pond in the Uyeno Park.   |
| 22 Fuji, from Shiraito Fall, near Omiya. | 47 Pleasure Boats on "Yedo Jawa"              |
| 23 " Motosu Lake, near Shoji.            | (river).                                      |
| 24 " Shoji Lake.                         | 48 Wistaria.                                  |
| 25 " " "                                 | 49 Iris Garden in Horikiri, Tokyo.            |
|  | 50 Chrysanthemums, The National Flower.       |

Besides the subjects mentioned above, we generally hold a considerable stock of other subjects painted by the same artists.

## VY

## JAPANESE VIEWS.

From Photographs taken by VAUGHAN CORNISH, D.Sc., F.R.G.S.

Illustrating a Paper on "Some Japanese Temples and Monasteries" read before the Japan Society, London, December 14th, 1904.

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## AT KYOTO.

- |   |  |
|---|--|
| 1 The Sam-mon (double-roofed entrance gate) of Nanzenji Temple      | 5 Monastery Garden   |
| 2 Cemetery of Eikwando Temple                                       | 6 Part of a Buddhist Monastery   |
| 3 Lotus-flower Fountain in Bronze, Garden of the Honen-In Monastery | 7 Symbolic Garden of Ginkaku-ji (fifteenth century), showing the "Sand-Mound Facing the Moon," with the "Sea of Silvery Sand" beyond |
| 4 Symbolic Sand-figures, Garden of the Honen-in Monastery           | 8 Sam-mon (entrance gate) of Chionin Temple  |

## YOKOHAMA AND NEIGHBOURHOOD.

- |  |  |
|--|--|
| 9 Decorations in Monastery attached to Totokuim Temple, Yokohama   | 15 Priest's House, Temple of Sudo, Negishi, near Yokohama (priest and priestess sitting inside)  |
| 10 Belfry at Myokoji Temple at "Bluff Village," Yokohama   | 16 Interior of Temple of Sudo at Negishi, with priestess. (Sudo means "the immovableness of the supreme enlightenment that cannot be prevailed upon by any low passion") |
| 11 The Jizu (who has charge of little children in Purgatory) at the Myokoji Temple. Caps and other garments of the deceased children are worn by the image | 17 Gargoyles-Fountain, Temple of Sudo, at Negishi (Pilgrims stand beneath by way of penance)   |
| 12 Juniten Shrine, Honmoku, near Yokohama, showing the British "Broad Arrow" cut upon a stone lantern  | 18 Precincts of Temple of Sudo, Negishi  |
| 13 Lantern at Gateway of Priest's Garden, at Honmoku   | 19 Trained Pine-Tree, Negishi, looking over Mississippi Bay  |
| 14 Girl watching the Camera, "Bluff Village"   | 20 Method of Training a Pine-Tree over a Porch (The houghs are held up by numerous strings)  |
|  | 21 The Cherry Blossom at "Bluff Village"   |

## TOKYO AND NEIGHBOURHOOD.

- |  |   |
|--|---|
| 22 A Woman Praying, Hommonji Temple, at Ikegami. (Taken by permission of the priest) | 26 In the Precincts of Asakusa Temple, at Tokyo   |
| 23 Interior of the Hommonji Temple, at Ikegami. (First study)                        | 27 The same. (Second view)  |
| 24 The same. (Second study)  | 28 The same. (Third view)   |
| 25 The same. (Third study)   | 29 Wall, Moat, and Drawbridge, Emperor's Palace, Tokyo. Showing lotus plants on the water |

## AT NIKKO.

- |   |  |
|---|--|
| 30 The Court of the Dragon's Bowl   | 37 The Deva King, who wards off Evil Spirits, Sam-Butsu-do (Temple)              |
| 31 The Dragon's Bowl. (First study)   | 38 Deaf and Dumb Pilgrim at Nikko, with Conch-shell                              |
| 32 The same. (Second study)   | 39 A Japanese Girl at Nikko  |
| 33 The same. (Third study)  | 40 The Torrent at Nikko. (Scenery typical of the mountainous districts of Japan) |
| 34 The Envoys of the Emperor proceeding to the Shrine of Jemitsu with the Annual Offering | 41 Children at Nikko, a study of expression                                      |
| 35 The Envoys of the Emperor returning from the Shrine of Jemitsu                         | 42 Stone Lanterns and Vases in Temple precincts                                  |
| 36 Stone Cistern of Oblation in the precincts of Satawara Temple                          |  |

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 " " Views, 5s.

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|--|--|---|
| 1 Map of Corea                               | 15 Nakdong, Printing-house                 | 28 Korean Nyang ban in full court dress, and another gentleman in ordinary costume and indoor hat |
| 2 Statue of Buddha and Temple                | 16 Group of Missionaries                   | 29 A Korean gentleman   |
| 3 Altar in Buddhist Temple                   | 17 " " in summer                           | 30 " " indoor costume   |
| 4 Monastery in the Hills                     | 18 Teachers and boys                       |   |
| 5 Chemulpo, St. Michael's Church             | 19 Interior of courtyard with Pagoda       |   |
| 6 " " Int.                                   | 20 Keum Kang San, Monastery of Chang An Sa |   |
| 7 Soul Harbour                               | 21 " " Superior or Abbot                   |   |
| 8 " River suburbs                            | 22 " " Superior Monk, Pye un Sa            |   |
| 9 " Statue of Buddha outside N.W. Gate [boy] | 23 " " View of valley                      |   |
| 10 Nakdong, Native teacher and               | 24 Monastery of Yon Shem Sa                |   |
| 11 " Bishop Corfe's Mission Station          | 25 " " with Pagoda                         |   |
| 12 " Mission Premises                        | 26 Group of Korean gentlemen               |   |
| 13 " Interior of Chapel                      | 27 Two Nyang bans in full court dress      |   |
| 14 " View in Mission Compound                |  |   |

THE FOLLOWING ARE FROM  
NATIVE DRAWINGS:—

- |                                    |
|------------------------------------|
| 31 Royal personage in horse-litter |
| 32 Statesman on a monocycle        |
| 33 Brass polishing                 |
| 34 Watermill for hulling rice      |
| 35 Korean court costume            |
| 36 Highwaymen                      |
| 37 Man in mourning costume         |

## NC

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## Java.

- 1 The Harbour
- 2 " View of
- 3 Collyer Quay, Jubilee Bay
- 4 Johnston's Pier [Waterworks
- 5 " and Thompson
- 6 Government House
- 7 The Town Hall
- 8 High Street with Fort Canning
- 9 Cavanagh Bridge
- 10 Scott's Road
- 11 S. Andrew's Cathedral
- 12 " Interior
- 13 B. & F. Bible Society's Depôt
- 14 Miss Cook's Grave
- 15 Teachers and Superintendent
- 16 F.E.S. Mission-school
- 17 Native Girls [Journey
- 18 Breakfast on Bullock Cart
- 19 Presbyterian Church
- 20 Roman Catholic Schools
- 21 Raffles Museum. Front View
- 22 " Side View
- 23 " School
- 24 " Square
- 25 Chinese Temple. Exterior
- 26 " Interior
- 27 Waterworks, Thomson Road
- 28 Kampong Bugis
- 29 Rickshaw
- 30 Native Refreshment Sellers
- 31 Crossing River at Lebak
- 32 Leglap Malay Village Street
- 33 with natives
- 34 Leglap Malay Village from the
- 35 beach showing Malay houses
- 36 View from Mount Sophia

## Kuala Lumpur.

- 34 The Kuala Lumpur [the hill
- 35 " View of, from
- 36 The Kuala Lumpur, Lepers
- 37 Government Offices
- 38 Members of the Tamil Mission
- 39 Methodist Episcopal Mission
- 40 Captain China's House
- 41 Hot Springs
- 42 Drink and Opium Shop
- 43 Selangor, Tin Mines
- 44 " Market Street

- 44 Batavia, Chinese Mission
- 45 " Church
- 46 Malay Family
- 47 Lebak. Soudanese Christians
- 48 with missionary
- 49 River Scene
- 50 Mission School with Mission-
- 51 aries in Schoolroom
- 52 Bible Stall at Pasir Malim
- 53 River Scene
- 54 Malay Market
- 55 Native Market
- 56 The Mosque
- 57 Orang Jawa, Man of Java

## Borneo.

- 55 Billiton. Village of Sea Dyaks
- 56 " Hospital
- 57 Pontianak, from the opposite
- 58 " side of the river
- 59 " Sultan's Mosque
- 60 " Fish Market
- 61 " Street
- 62 " showing bridge
- 63 across stream
- 64 Sakindouw Native Village
- 65 Salimbouw, Rajah's Palace
- 66 Samhas, Group of Dyaks
- 67 " Dyak lad with basket
- 68 " Group of Dyak women
- 69 " Dyak Idols
- 70 Sintang. Chinese Town
- 71 " Chinese Watchmen
- 72 Malay Village from Chinese
- 73 Town, Sintang
- 74 Chinese Village, Interior of
- 75 Borneo
- 76 " Interior of
- 77 Borneo, " with worshipping
- 78 place [W. Borneo
- 79 Dyak Village, Seng Kawang,
- 80 Group of Dyaks
- 81 Dyak Idols
- 82 Dyak Lad
- 83 Melioun on the Kapuas
- 84 Bedouin Rajah's Travelling
- 85 Boat
- 86 Loading for Bullock Cart Jour-
- 87 ney
- 88 Chinese Woman

- 81 An Eastern Kitchen
- 82 European Bungalow
- 83 Malay House
- 84 Missionaries in Native Village
- 85 Malay Family, Jebore
- 86 Malay Feast, (Hari Rajah
- 87 Hadja)
- 88 Group of Malaysian Bible So-
- 89 ciety's Workers
- 90 Opium Smokers
- 91 Group of Bible Workers
- 92 Malaysia
- 93 Group of Johore Malays
- 94 Missionary's Wife in Doanda
- 95 Kling (Tamil) Barber
- 96 Group of Lepers
- 97 Malacca. English Church and
- 98 Post Office
- 99 " Dr. Morrison's House

## Singapore.

- 96 The Harbour.
- 97 Singapore River.
- 98 Native Workers of the B.
- 99 and F. Bible Society.

## Kuala Lumpur.

- 99 Government Buildings.

## Dutch Indies.

- 100 Rhio, Residency.
- 101 " High Street.
- 102 " Market Place.
- 103 " Gambling.

## Malay Peninsula.

- 104 Sakai Village.
- 105 On the Pabang Road, In the
- 106 Jungle.
- 107 Dhoi, A Wasberman.
- 108 Rambong, Rubber Tree.
- 109 Para Rubber, showing tree
- 110 being tapped.
- 111 Straining Rubber after Col
- 112 lection.
- 113 Pineapple Plant.

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- 5 Bantam
- 6 Portrait of the Empress
- 7 Emperor's Body Guard
- 8 " Dancing Girls in Full
- 9 Costume
- 10 " Dwarf in Court Costume
- 11 " Band, or Native Gamelan
- 12 The Governor's Palace

- 10 Native Village, with Palm Trees
- 11 Group of Natives and Boats
- 12 Gentlemen in Court Costume
- 13 The Sultan of Java and Family
- 14 The Sultan's Wife & Attendants
- 15 " Daughter
- 16 Bamboo Palace
- 17 Musicians playing the Kenana
- 18 " beating the Gong
- 19 A Girl, considered a Beauty
- 20 Scene on the River Buitenzorg
- 21 Girls chewing Betel Nuts

- 23 Buffalo Cart
- 24 Tropical, luxuriant Vegetation
- 25 Native, Travelling Country
- 26 Bride and Bridegroom (at home)
- 27 Mount Argemo
- 28 Native Dancers and Musician
- 29 Itinerant Sweetmeat Vendor
- 30 Bamboo Bridge across River
- 31 Javanese and Chinese Opium
- 32 Smokers
- 33 Padang, Sumatra
- 34 Rebad, Musician

For other Slides of Java, see page 479.

## UL

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- 4 One of the Modderpoort Staff and his Class
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- 6 On the way to School, Thaba' N'ehu
- 7 Bridal Party, Bataalong and Thaba' N'ebu
- 8 A Wedding leaving the Church
- 9 Wedding Carriage and its party going home
- 10 Mission Girl and Communicant, Baralong
- 11 Native Sanctuary Guild, Baralong and Thaba' N'ehu

**Itinerating Work.**

- 12 A Kaffir Village
- 13 A Native Veldt Church and Priests' House
- 14 Round Stone Church, Springka Nek, O.R.C.
- 15 Native Church (interior), Chief Kolasi's Village, Basutoland
- 16 A Native Baby Boy, Basuto
- 17 " " Girl, "

- 18 A Native Village
- 19 " House, Mud Hut
- 20 " Mat Hut
- 21 Basuto Girl and Itinerating Priest, Malutsi Mountains, Basutoland
- 22 Old Christian Woman and her Grandchild, Malutsi Mountains, Basutoland
- 23 Group of Heathen Men. Chief Maduki Posobodu's Country, Malutsi Mountains, Basutoland
- 24 Group of Heathen Women. Chief Maduki Posobodu's Country, Malutsi Mountains, Basutoland
- 25 Life inside a Hut Enclosure
- 26 War Dance
- 27 Wife of Chief Griffiths
- 28 Witch Doctor, front view
- 29 " back "
- 30 Missioner in his Mule Cart
- 31 Missioner on Horseback, crossing the Orange River
- 32 Group of Native Catechists
- 33 Catechist and his Family
- 34 Catechist with his School
- 35 Mountain Church and its Congregation, Peering Village, Malutsi Mountains

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- 3 Durban, Street View
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- 5 " Waterfall
- 6 " Waggon Travelling. Off to Zululand
- 7 Zululand: Ketchwayo, late King
- 8 " Ketchwayo's Wives
- 9 " Isandula Mountain
- 10 " Portrait: Melville and Coghill
- 11 " The Queen's Cross
- 12 " A Zulu Warrior
- 13 " A Family Party
- 14 Swaziland, Umtilian River
- 15 " Group of Chiefs
- 16 " A Hunters' Camp
- 17 " Gold Hunters

- 18 Swaziland, In the Gold Mines
- 19 " Slaicing for Gold
- 20 " Skin Trader's Waggon crossing a Ford
- 21 Tongaland, Village
- 22 Delagoa Bay, Telegraphic Stn.
- 23 " " Roman Catholic Church
- 24 Inhambane, Old Fort
- 25 " Trading Station
- 26 " Rue de Rosa
- 27 " Ruined Chapel
- 28 " Native Hut
- 29 Agency of the African Lakes' Company
- 30 Quillimane Street, View showing Livingstone's Tree
- 31 " A House
- 32 Zambezi River, Mouth
- 33 " Native Village

- 34 Zambezi River, Group of Canoe Men
- 35 " Zambezi Warrior Bending his Bow
- 36 " Zambezi Warrior
- 37 " Group of Natives
- 38 " A Zambezi Boat
- 39 " A Gift of Fruit
- 40 " s.s. Zulu
- 41 Mozambique, Landing Place
- 42 " Southern End of Island
- 43 " Northern End of Island
- 44 " Arab Dhows
- 45 " Stanley and Followers
- 46 " The City Walls
- 47 " Ruins in Old Town
- 48 " A Street View
- 49 " Banyan Grove, Public Buildings
- 50 Group of Explorers and Consultants

## XZ

## AFRICA, EAST COAST.

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|---|---|--|
| 1 Approaching Port Said.  | 19 Zanzibar, Carved wooden Door.              | 36 Mozambique, Native Village.                 |
| 2 Port Said, The Eastern Telegraphic Co.'s Buildings.               | 20 " Water Carriers.                          | 37 " An Arab Dhow.                             |
| 3 " From the Anchorage.   | 21 " Convicts Chained.                        | 38 Quilimane, Landing.                         |
| 4 " A Street.   | 22 " In an Arab Cemetery.                     | 39 " A Street (Native Curiosity).              |
| 5 Suez Canal, A P. & O. Liner.                                      | 23 Linda, Native Dug-out.                     | 40 " A Street.                                 |
| 6 " Passing another Vessel.   | 24 Dar-es-Salaam, Landing-place.              | 41 " An Indian Store.                          |
| 7 " A Station.  | 25 " A Building.                              | 42 " Native Village.                           |
| 8 Leaving the Canal: Statue of M. Lesseps—the Mediterranean beyond. | 26 " A Street.                                | 43 " Native Huts.                              |
| 9 Mombasa, View from the Sea.                                       | 27 " Approach to Market.                      | 44 " Native Hut.                               |
| 10 Tanga, View of Bay.  | 28 " Market.                                  | 45 " A Cargo of Rubber.                        |
| 11 " Native Huts.   | 29 " Native Quarters.                         | 46 " Native Dug-out.                           |
| 12 " Market.  | 30 " "  | 47 Beira, A Street.                            |
| 13 " Suaheli Belles.  | 31 Kilwa, Fort or Bomah.                      | 48 " Travelling by Trolley.                    |
| 14 " A Fan Palm.  | 32 Mikindani, Entrance to Landlocked Harbour. | 49 Lorenzo, Marques, Principal Villa or Berca. |
| 15 Zanzibar, View from Sea.   | 33 Mozambique, View from Sea.                 | 50 " Market.                                   |
| 16 " Sultan's Place.  | 34 " A Street.                                | 51 " Old Prison and Fort.                      |
| 17 " A Street.  | 35 " Crowd Watching Native Dance.             | 52 Delagoa Bay, Street.                        |
| 18 " A Street.  |   | 54 " Hindu Temple.                             |

## AFD

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- |   |  |
|---|--|
| 1 Beira, showing its sandy roads laid with public rails for all traffic.  | 22 Kavirondos, Man making Fishing Net.                             |
| 2 " The Public "Cab."   | 23 " with Fishing Nets.  |
| 3 Buganda, Native Hut.  | 24 Kikuyu (B.E.A.) Men (probably with Massai blood in them).       |
| 4 Hut in midst of Plantain Grove.   | 25 " Women.  |
| 5 Entebbe, on the Shores of Victoria Nyanza.  | 26 Kisumu Market (Native Quarters, Port Florence, V.N.).           |
| 6 Kampala, Native Market.   | 27 Lorenzo Marques, The English Church.                            |
| 7 Kampala District. Gajaza, C.M.S. Mission Premises.  | 28 " Market Square.  |
| 8 " Gayaza, English Church, Exterior.   | 29 " " showing Bandstand.  |
| 9 " " Interior.   | 30 " " Refreshment Kiosk.  |
| 10 " The King of Uganda (Daudi Cha) receiving the Boys of the C.M.S. High School at the King's House on Mengo Hill. | 31 " A Street.   |
| 11 " Royal Hut on Budo Hill, where the Kings of Uganda are Crowned.   | 32 " A Street, showing Palm Tree.                                  |
| 12 " Site of the Coronation of the Kings of Uganda on Budo Hill.  | 33 Ripon Falls, Victoria Nyanza (Source of the Nile).              |
| 13 " King Mtesa's Tomb, formerly his Residence.   | 34 Swahili Village, near Lorenzo.                                  |
| 14 " Tomb of the Queen of King Mtesa, formerly her Residence.   | 35 " Huts at Cross Roads.  |
| 15 " The late King Mtesa's Chief Drummer.   | 36 " Near View.  |
| 16 " General View of Namirembe, Budo, and Mengo Hills.  | 37 " Hut.  |
| 17 " English (C.M.S.) Cathedral, Namirembe Hill.  | 38 Swaziland Railway Station, from Lorenzo Marques to Delagoa Bay. |
| 18 " Interior of French R.C. Church on Robaga Hill.   | 39 Tanga.  |
| 19 Kavirondos (Naked Tribe on Victoria Nyanza) at Kisumu Market.  | 40 " Native Village.   |
| 20 " Girl with Grain Baskets at Kisumu Market.  | 41 Uganda Railway, Train at Wayside Station.                       |
| 21 " Beggar Woman and her Child (Kisumu in distance).   | 42 " s.s. "Winifred."  |
|   | 43 Zanzibar, Sultan's Palace.                                      |
|   | 44 " Cathedral, Interior.  |
|   | 45 " Main Street.  |
|   | 46 " A Street.   |
|   | 47 " Street Fountain.  |
|   | 48 " Natives.  |
|   | 49 A Zulu Man.   |
|   | 50 " Girl.   |
|   | 51 " Hut.  |
|   | 52 " Herd Boy's Hut (common to most Tribes).                       |

NOTE.—When ordering Slides the Telegraphic Code Letters should be quoted to avoid mistakes.

## NG

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- 5 " Interior
- 6 Clay Idol at Bevarwe
- 7 Foola, a Native Village
- 8 Hamlet of Kanembo
- 9 Karuma Falls, Kidi
- 10 Kaffir Village, Bechuana
- 11 Katema, on shoulders of his Prime Minister
- 12 King, Thomas, Capture of
- 13 " meeting his mother
- 14 King Metesa holding a Levée
- 15 Lake Tohad
- 16 Livingstone, Dr., Portrait of
- 17 Lion and Dr. Livingstone
- 18 Simbanweni: "Lion City," Ungorerengi Valley
- 19 Crossing the Makata Swamp
- 20 Gate of a Village
- 21 Mount Kibwe, Valley of Mukondokwa River

- 22 Bird's-eye view of a Tembe of [the Wagogo
- 23 The Mutiny on the Gombe River
- 24 Portrait of the Interpreter
- 25 Meeting of Stanley and Livingstone. "Dr. Livingstone, I presume?"
- 26 Musical Instruments, Hoes, Water Vessels
- 27 Bracelets, Anklets, Weapons, &c.
- 28 Livingstone writing his Journal
- 29 My house in Kwiwara—visitors
- 30 Symptoms of a Fight
- 31 Stanley's followers at Cape Town
- 32 Map of Africa
- 33 " South Africa
- 34 " North Africa
- 35 Missionary received by a Chief
- 36 Mumbo Jumbo, or Lynch Law
- 37 Murchison's Falls, Victoria Nile
- 38 Presenting Spoils to Ramanika
- 39 Ripon Falls, Victoria Nyaoza
- 40 Rev. J. D. Hinderer's Journey to Ibadan

- 41 Map of Africa, showing source of Slave Supply and Routes of Distribution
- 42 Arab Slave Hunters attacking a Village. *Copied by permission of Sir H. H. Johnston*
- 43 Slave Ship, Interior of [Cruiser
- 44 " Capture of, by British
- 45 Rescued Slaves on board H.M.S. "Thebes"
- 46 Slave, Portrait of
- 47 Sierra Leone
- 48 " " Cathedral and Memorial Hall
- 49 " " Village and Tropical Foliage
- 50 Sirbokos Slaves chained
- 51 Waganda, Brewing Pombe
- 52 Zambesi Fall, near view
- 53 " Bird's-eye view
- 54 Wajigi Idol

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- 4 Two Christian Girls
- 5 Mohammedan Mosque. Deer-akin suspended on wall
- 6 Two Mohammedans
- 7 Church at Kenta
- 8 An African Road
- 9 Shrine of Goddess Yemaja
- 10 Missionary preaching in farm
- 11 A Native Shop [village
- 12 Group of Obiets and their attendants
- 13 Canoe man
- 14 C.M.S. Dispensary
- 15 Water Carriers
- 16 An African Forest

- 17 A Group of School Children
- 18 A Leper Settlement
- 19 Shrine of God Ogun
- 20 A Devil house
- 21 An African Forest Path
- 22 Forest of Palm Trees
- 23 Aké Church (C.M.S.) and native houses
- 24 A Blacksmith's Forge

## West Africa.

- 25 Bonny Pro-Cathedral
- 26 Interior of Cathedral
- 27 Bonny Chief and some of his wives
- 28 " " (with his queen's mother)
- 29 Bonny Natives
- 30 " Man and his wife (dressed for church)

- 31 Bonny Boy (painted)
- 32 Venerable Archdeacon Johnson and family
- 33 Venerable Archdeacon Johnson, Bishop Crowther, and Rev. S. Smart
- 34 Rev. C. F. Packer
- 35 Assaba Natives
- 36 Bida Prince
- 37 Chebe Market
- 38 Chebe
- 39 Lagos Town
- 40 A Native House
- 41 Lokoja
- 42 Okikra
- 43 Slave Market
- 44 Onitche, No. 1
- 45 " No. 2
- 46 " Natives
- 47 " Rich Women

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- 5 The village of Akwasibn, with Okwahn mountain behind
- 6 King of the Okwahn province
- 7 King of Okwahn with his people, drums, on the left the basket in which he is carried
- 8 Chief of Obomeng (Okwahn, Ashantee)
- 9 Chief of Obomeng and Assembly
- 10 An Ashantee hunter or warrior
- 11 Under chief of the King of Coomassie
- 12 Crossing the River Berem in the Ferry
- 13 Mrs. Ramsey being carried down the mountain
- 14 Accident of a journey in hammock, the fore man falling
- 15 Accident of a journey in hammock (more serious) the rear man falling
- 16 Women making cooking-pots
- 17 A Coomassie man, who some years ago had his ears and his lips cut for having stolen the king's fish
- 18 A Native Village, some houses of Christians being covered with shingles
- 19 A sewing class in Odumase

- 20 Station of Abetifi
- 21 Mission-house of Abetifi
- 22 The Infant School
- 23 Girls pounding their national food, "nfnn," i.e., pounding the boiled yams to a dough, which is then eaten with a peppered soup
- 24 Girls doing their hair
- 25 The Principal Street at Agogo, Ashantee
- 26 Open-air Preaching in Ashantee
- 27 Our Christian Village
- 28 Group of Musicians
- 29 Women with babies, showing mode of carrying them
- 30 Town of Obo
- 31 Two weavers at work
- 32 Chief with child on his knee
- 33 Coffee plantation
- 34 Coffee tree
- 35 Principal street in Abetifi
- 36 The public executioner of Coomassie
- 37 Sawing logs of mahogany in forest
- 38 Natives printing cotton
- 39 Women with hair curled
- 40 " " " in four horns
- 41 " " " in two horns
- 42 Dwarf with gun



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- 4 Map, showing route
- 5 Portrait of Tippu-Tib
- 6 Our landing at Yambuya
- 7 Marching through the Forest
- 8 In the Night and Rain in the Forest
- 9 The River Column ascending the Aruwimi River with "*Advance*" and 16 canoes
- 10 Fight with Avisibba Cannibals. Lieut. Stairs wounded [Bavira]
- 11 Head-dress of Avisibba Warrior and a Belle of
- 12 Wooden Poisoned Arrows of Avisibba Cannibals
- 13 "The Pasha is coming"
- 14 Attacking an Elephant in Ituri River
- 15 Kilonga Langa's Station
- 16 Relief of Nelson and Survivors at Starvation
- 17 Gymnastics in a Forest Clearing [Camp]
- 18 Iyugu, Call to Arms
- 19 Emerging from the Forest
- 20 Suspension Bridge across the East Ituri
- 21 Our first experiences of Mazamboni's people. View of the Fight from Nzera Kun Hill
- 22 South End of the Albert Nyanza, Dec. 18, 1897
- 23 Kavalli; Chief of the Ba-biassi
- 24 Landing of Emin Pasha
- 25 Emin and Casati arrive at our Lake Shore Camp
- 26 A Phalanx Dance by Mazamboni's Warriors
- 27 Meeting with the Rear Column at Banalya
- 28 Major Barttelot, portrait
- 29 Entering Andikumu

- 30 The Scouts discover the Pigmies carrying away the Case of Ammunition
- 31 Starvation Camp; serving out Milk and Butter for Broth
- 32 Facsimile page of Stanley's Journal
- 33 The Pigmies as compared with English Officers, Sudanese and Zanzibaris
- 34 The Pigmies at Home. A Zanzibari Scout taking Notes
- 35 Address to Rebel Officers at Kavalli
- 36 Climbing the Plateau Slopes
- 37 Rescued Egyptians and their Families
- 38 Attack by the Wanyoro at Semliki Ferry
- 39 Ruwenzori, from Karimi
- 40 Expedition Climbing the Rock in the Valley of Ankori [Muhoro]
- 41 Expedition winding up the Gorge of Karyak
- 42 Hot Spring Mt. Magata
- 43 Baby Rhinoceros showing fight in Camp
- 44 South-West extremity of Lake Victoria Nyanza
- 45 Stanley, Emin, Casati, and Officers at Usambiro
- 46 Our Experiences at Usukuma
- 47 Banquet at Msua
- 48 Under the Palms at Bagamoyo
- 49 The Relief Expedition returning to Zanzibar on board H.M. s.s. *Turquoise* and *Sowald*, the German War Ships *Sperber* and *Schwalbe*, and Major Wisman's Steam Flotilla
- 50 Portrait of H. M. Stanley wearing his orders and decorations. This photograph was especially taken for the Edition de Luxe, and has not previously been published

## 3NL

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- 6 " Parliament House, and Lion's Head
- 7 " In the Botanic Gardens
- 8 " Victoria Road
- 9 " Ostrich Farm
- 10 " Group of Kaffirs and Hut
- 11 " Crossing a Drift in Ox Waggon
- 12 " Van Straden's Pass, starting from Camp
- 13 Constantia. Government Wine Store
- 14 " Suburbs
- 15 " Grape Gathering
- 16 Grahamstown. General View
- 17 " Western View of Cathedral

- 18 Johannesburg. The First House built
- 19 " The Market Place
- 20 Natal. Kar Kloof Falls
- 21 " Pine Town. Kaffirs at Pool
- 22 Portrait of the Prince Imperial
- 23 Place where the Prince Imperial fell
- 24 Transvaal. Stage Coach
- 25 Zulu Chief, with Spear and Shield [tume]
- 26 " Woman, in Native costume
- 27 Lake Tanganyika
- 28 Karuma Falls, Kidi
- 29 Bulawayo. Rhode's Statue.
- 30 Claremont, Cape Colony. Bishopscourt. View from the Archbishop of Cape-town's garden.
- 31 Matopo Hills, near Bulawayo. Rhode's Grave.
- 32 Matopo Hills. Rhodes' Grave, with surrounding boulders.
- 33 Rhodesia Railway School Buildings, Plumtree.

- 34 Victoria Falls.
- 35 Victoria Falls. Rhodesia. Rainbow Effect.
- 36 Victoria Falls. Rhodesia. Fox's Cable across the Gorge. (Fox the mining engineer of the Railway Co. up there to get foundations for the bridge across the Gorge.)
- 37 Victoria Falls. The Boiling Pot in the Gorge below the Falls.
- 38 Victoria Falls. The View which will be seen crossing the Railway Bridge.
- 39 Victoria Falls. Islands on the Zambesi above the Falls.
- 40 Rhodesia, near Eukehdoorn, Wreningham Native Station.
- 41 Rhodesia. Zimbabwe Ruins. The Conical Tower.
- 42 Zimbabwe Temple. The Great Wall, looking east, and showing the decorations of the Wall at that point.

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- 48 The Victoria Falls, General View from the East End, looking through the trees.  
44 " from East End, showing spray cloud.  
45 " Double Rainbow on Spray, East End.  
46 " Near View.  
47 The Victoria Falls, The Edge of the Falls. In the distance is the Railway Bridge of the Cape to Cairo Railway.  
48 " from the Bridge of the Cape to Cairo Railway.  
49 The Bridge over the River of the Cape to Cairo Railway (the highest bridge in the World).  
50 Natives of Rhodesia in their "Dug-out" on the Zambesi.  
51 Huts on Livingstone Island on the Zambesi (about 3 miles above the Falls).  
52 Kaffirs in the Compound of De Beer's Diamond Mines at Kimberley, The Dinner  
53 Johannesburg, Commissioner Street.  
54 " Rand Club.  
55 " Kruger's Waterfall.  
56 " Standard Bank.  
57 " Telephone Tower.  
58 " Stock Exchange.  
59 " Morning Market.  
60 " One of the fine shops.  
61 " Arcade.  
62 Pretoria, Avenue Blue Gums.  
63 " Street, typical blue gums and weeping willows.  
64 " Church Square, showing Raad Saal, etc.  
65 " Panorama.  
66 Ferreira, Gold Mines.  
67 Bloemfontein, The Presidency.  
68 New Primrose, Interior of Cyanide Works.  
69 " " Interior of Gold Mine Battery.  
70 " " Workers in the New Primrose Mine.  
71 Cape Town and Table Mountain.  
72 " " Interior of the House of Assembly.  
73 " " Houses of Parliament.  
74 De Beers', Kaffir in diamond mine.  
75 " " Endless Rope Tramway.  
76 Kaffirs at City and Suburban Gold Mines.  
77 General view of Gold Mines from Geldenhuys Headgear.  
78 In a Gold Mine, 800ft. deep.  
79 Wit Waters Rand Compound Gold Mine.  
80 In a Mine Bar.  
81 Ox Wagon travelling.  
82 Zulu Natives and Kraal near Durban.  
83 Natives and Hut.  
84 Zulu Beauty with Palm leaf.  
85 " Girls at a meal.  
86 " Bride.  
87 Kaffir Washing-boy.  
88 " War Dance.  
89 Ostrich Farm.  
90 South African Cattle.  
91 Typical Boers on Veldt.  
92 East London.  
93 Old Method of Mining.  
94 Cetewayo.  
95 Muizenberg, Sea view.  
96 Durban, Ricksha Boys.  
97 " Zulu Boy in costume.  
98 " Royal Hotel, Ulundi Square.  
99 " R.M.S. "Norman,"  
100 " On the Quay, leaving.  
101 Kaffir Women, near Durban.  
102 Old Dutch House, Stellenberg, Kenilworth.  
103 Bamboos growing wild, Durban.  
104 Cradock.  
105 Group of Indians smoking.  
106 Two Zulu Boys.  
107 Groot Schuur, Summer.  
108 Karroo near Matjesfontein.  
109 Bloemfontein, Market Square.  
110 Natal Parliament House.  
111 Caledon, Stone Pines.  
112 Table Mountain.  
113 Howick Falls.  
114 Three Zulu Boys.  
115 Tokai.  
116 Silver Leaf Trees, Wynberg Hill.  
117 Simons Town.  
118 Cape Town, Adderley Street.  
119 " " Parliament House.  
120 " " St. George's Street and Cathedral.  
121 " " In the Docks.  
122 " " and Table Mountain.  
123 " " and Bay.  
124 Cape Colony, Caledon, with Babel in distance.  
125 " " Groot Constantia.  
126 " " A South-Easter.  
127 " " Some Yellow-finch Nests.  
128 " " Queenstown.  
129 Hermanuspetrusfontein, Rocky Coast View.  
130 Hermanuspetrusfontein, Women cleaning fish.  
131 " " Breaking Waves.  
132 Meeting of Presidents Kruger and Steyn at Pretoria before the War; Guard of the Staats Artillery.  
133 Port Elizabeth, Kaffir Hut.  
134 " " Kaffir Boys.  
135 " " Kaffir Location.  
136 " " Door of Kaffir Hut.  
137 Landing at East London, "Getting in."  
138 " " "Waiting for the roll."  
139 " " "Going up."  
140 " " "Coming down."  
141 Vineyard Hotel, Newlands.  
142 A Cape Town Cabby.  
143 View in Cape Town Docks.  
144 In Cape Town Docks.  
145 View in Adderley Street, Cape Town.  
146 The Cape of Good Hope.  
147 A Dutch Farmhouse, The Cape.  
148 Kaffirs and Hut.  
149 Starting from Heidelberg.  
150 On the Veldt, Rietspruit.  
151 Johannesburg Coach leaving Charlestown.  
152 " " A Horse Auction.  
153 " " A Horse Auction.  
154 Boer Waggon leaving Johannesburg.  
155 A Mine Head.  
156 On the Veldt, Changing teams.  
157 Dutch Cottage near Simons Town.  
158 Zulus and Hut, Howick, Natal.  
159 Madeira, Street in.  
160 " " Fruit Sellers.  
161 " " Ox Carriages.  
162 " " A Car.  
163 Madeira, Funchal, General View.  
164 " " from the Sea.  
165 " " Group of Cicerones near Castle.  
166 " " French Training Ship.  
167 " " R.M.S. "Mexican."  
168 " " Old Gate.  
169 " " A Fountain.  
170 " " Dry Water-course.  
171 " " A Street Scene.  
172 " " A Bullock Sleigh.  
173 " " The Mount Church.  
174 St. Helena, James Town.  
175 " " Tomb of Napoleon.  
176 Dutch Reform Church, Aliwal, North.  
177 Market Place, East London.

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- 16 " Interior
- 17 " View from Churchyard

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- 19 " King's House and Grounds, No. 1
- 20 " " No. 2
- 21 " " No. 3
- 22 Newcastle, The Waterfall
- 23 " View from Bridge
- 24 " Cemetery
- 25 " View of the Camp
- 26 " Distant View of Camp
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- 29 Spanish Town, Bishop's Palace
- 30 " Rodney's Monument
- 31 " Cathedral
- 32 " " Interior

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- 34 " " No. 2
- 35 " " No. 3
- 36 " " No. 4
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- 38 " " No. 2
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- 42 " Panorama
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- 44 " Breadfruit Trees
- 45 Port Royal, Old Navy Yard
- 46 " Street Scene
- 47 " Panorama
- 48 " Jubilee Square
- 49 " View from Arsenal, No. 1
- 50 " " No. 2

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- 1 Marine Square, No. 1
- 2 " " No. 2
- 3 Roman Catholic Cathedral
- 4 " " Interior
- 5 Frederick Street
- 6 Protestant Cathedral
- 7 " " Interior
- 8 Brunswick Square
- 9 Government Buildings
- 10 Lee House, Hotel and Police Barracks

- 11 Port of Spain, Panorama, No. 1
- 12 " " No. 2
- 13 " " No. 3
- 14 " Queen's Park
- 15 " Prince's Building
- 16 " A Tropical Residence
- 17 " Government House
- 18 " " Avenue
- 19 " Botanical Gardens, Tropical Foliage

- 20 Port of Spain, Botanical Gardens, Ficus Laurifolia
- 21 " Botanical Gardens, Travellers' Palm
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- 10 Jamaica, Kingstown
- 11 " Bringing Logwood down the Milk River
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- 13 " Strawberry Hill

- 14 Martinique, Port of France
- 15 St. Kitt's Square in Basseterre
- 16 St. Lucia, The Gros Piton, with Town of Soufriere at base
- 17 St. Vincent, Government House
- 18 " Kingston Harbour
- 19 " Bird Is. from Steamer
- 20 Trinidad, Reservoir in Maraca Valley
- 21 " Market Square, Port of Spain

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|----|---|-----------|----|--|
| 1  | Antananarivo, the Capital                       |           | 49 | Betsimisarakra, Cemetery                         |
| 2  | Audience at the Palace                          | [Well     | 50 | Bezhanozano Tribe. A man and two women           |
| 3  | Female Slaves filling Bamboos with Water at the |           | 51 | Hova Types                                       |
| 4  | Native Costume                                  |           | 52 | " Gentleman and family                           |
| 5  | Jack Tree, Artocarpus Integrifolia              |           | 53 | " Teacher and his family                         |
| 6  | Martyrdom of Christians, thrown from the Cliff. |           | 54 | " Tombs  |
| 7  | Map of Madagascar                               | [10s. 6d. | 55 | " An old Town                                    |
| 8  | Native in Forest                                |           | 56 | " Town   |
| 9  | Palm and Medicine Aloe                          |           | 57 | Imantason. House built by M. Lahorse             |
| 10 | Dwarf Palms, Forest Scene                       |           | 58 | Isôtry. Landing place for canoes, bringing rice, |
| 11 | Street in Tamatave                              |           | 59 | Itasy Lake                                       |
| 12 | Travellers passing through Great Forest         |           | 60 | Mahanoro District. Three Natives from            |
| 13 | The Traveller's Tree, mode of obtaining Water   |           | 61 | " The "Bluff"                                    |
| 14 | Ambatoharanano. S. Paul's Theological College   |           | 62 | " Church and School                              |
|    | 12 miles North of the Capital                   |           | 63 | " " from West Side                               |
| 15 | Amhodivato School in the Vorimo Tribe           |           | 64 | " Church, interior                               |
| 16 | Andramasina. A noble's house                    |           | 65 | " Church and School after the hurri-             |
| 17 | " River Scenery I.                              |           | 66 | " Mission House                                  |
| 18 | " " II.   |           | 67 | " " after the hurricane of                       |
| 19 | Andrangaloaka, on the edge of the forest        |           | 68 | " New Hospital                                   |
| 20 | Anosiarivo. A village in the Vorimo Tribe       |           | 69 | " Boarding School for Girls                      |
| 21 | Anosy, the Queen's Lake, west of Antananarivo   |           | 70 | " " Wedding from                                 |
| 22 | Antaimoro Tribe. Two Chiefs and their slaves    |           | 71 | " Three School Girls                             |
| 23 | " Member of, and "Stone                         |           | 72 | " " Boys   |
|    | " Elephant "                                    |           | 73 | " Rev. R. Raboanary and Rasitera his             |
| 24 | Antananarivo I.                                 |           | 74 | " Group of Native Teachers                       |
| 25 | " II.   |           | 75 | Malagasy Ox                                      |
| 26 | " III.  |           | 76 | Manangara Church and School                      |
| 27 | " Queen's Palace                                |           | 77 | Mozambique Woman, formerly a slave, but freed    |
| 28 | " Review of Troops I.                           |           |    | by decree of the Malagasy Government             |
| 29 | " " II.   |           | 78 | Ramainandro District. Waterfall near             |
| 30 | " Roman Catholic Cathedral and                  |           | 79 | " Missionary's House                             |
|    | the Palace from the "Cannons"                   |           | 80 | " Three High School Boys                         |
| 31 | " Cathedral of S. Laurence                      |           | 81 | Sakalava. A group of                             |
| 32 | " Cathedral from Bishop's House                 |           | 82 | A Coast Village                                  |
| 33 | " Bishop's House, Printing House                |           | 83 | Forest Scenery I.                                |
|    | and Girls' School House                         |           | 84 | " " II.  |
| 34 | " The Bishop and a group of boys                |           | 85 | " " A path                                       |
| 35 | " Three Choristers                              |           | 86 | " " A hut  |
| 36 | " Mission House                                 |           | 87 | A Rocky Valley                                   |
| 37 | " Boys' High School                             |           | 88 | A Waterfall                                      |
| 38 | " Zomâ Market                                   |           | 89 | Effects of a Hurricane                           |
| 39 | " Old Houses                                    |           | 90 | Women beating rice                               |
| 40 | " The Plain of Andohalo                         |           | 91 | A Woman working at the Native Hand-loom          |
| 41 | " One of the Main Roads into                    |           | 92 | Going to a school feast                          |
| 42 | " At the Spring                                 | [ground   | 93 | Woman putting on "lamba" in mourning             |
| 43 | " Washing clothes. Sheep in fore-               |           | 94 | Girls dancing (among the Vorimo tribe)           |
| 44 | Betsimisarakra. A group of                      |           | 95 | Slave Woman in mourning                          |
| 45 | " Woman   |           | 96 | Three High School Boys                           |
| 46 | " Native Deacon and family                      |           | 97 | An old Soldier                                   |
| 47 | " School Girls                                  |           | 98 | Man carrying Water                               |
| 48 | " School Feast                                  |           | 99 | Convicts   |

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- 6 " " Princess Ruth's House, Hilo
- 7 " " Princesses, Governess, and Suite
- 8 " " Half-caste Children, Eldard's Rancho
- 9 " " Tropical Bush in Luna District
- 10 " " The Old Town

- 11 Honolulu, General View from Hospital
- 12 " " Surf Bathing (Kanakas)
- 13 " " Native Land-owner and Family
- 14 " " Royal Hospital
- 15 " " Royal Hospital, Avenue of Royal Palms
- 16 Kilauea Great Crater, General View
- 17 Crater of Kilauea Volcano
- 18 " " Party Visiting the Crater
- 19 Kilauea Lava Flow at Hilo

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- 1 The "Australia" arrives at Honolulu
- 2 Honolulu. Chinese Quarter from Harbour
- 3 " " Royal Palace (Front)
- 4 " " Palace, showing hostile preparations
- 5 " " Monkey Pod Avenue. Hawaiian Hotel
- 6 " " Government Buildings
- 7 " " Chinese Quarter
- 8 " " Nuuanu Avenue
- 9 " " Entrance to Mr. Atherton's
- 10 " " Hon. S. Parker's Garden
- 11 " " Date Avenue, Royal Hospital
- 12 " " Diamond Head
- 13 " " Waikiki Beach
- 14 " " Cathedral, Exterior
- 15 " " Interior
- 16 " " Rice growing. Pearl City
- 17 Vegetation on roadside near Honolulu
- 18 Deck of H.M.S. "Champion," Honolulu Harbour
- 19 Honolulu Harbour from bridge of H.M.S. "Champion"
- 20 Gun-room group on H.M.S. "Champion" [pion]
- 21 Six-inch gun on "Champion," with glimpse of Japanese cruiser "Takachiho"
- 22 The Pali (precipice), near Honolulu
- 23 " " with forest from the North
- 24 Eating guavas. Pali road
- 25 Coconut and gold fish pond. Waikiki
- 26 Coconut Grove, Honolulu
- 27 Waterfall pond, residence of Princess Kiulani

## Island of Kauai.

- 28 Lower Waialea Falls
- 29 Upper " "
- 30 Screw pines (Lauhala), and native grass but
- 31 Libree, a sugar village
- 32 Landscape, with modern bridge
- 33 Our quarters, Hanapepe Valley
- 34 Walking along the flume. Hanapepe Valley
- 35 Kukui, or Candle-nut Trees. Hanapepe Valley
- 36 Hanapepe Fall
- 37 Approach to Hanapepe Fall

## Island of Maui.

- 38 Kanaka Children. Waikuku
- 39 Waikuku and Iao Valley
- 40 Native Graves, Waikuku
- 41 Group of Kanakas and hut, Waikuku
- 42 Remains of Heathen Temple, and Kahului Bay
- 43 Bananas. Kanaka settlement and Taro patch
- 44 Papia Tree, hut and group. Waikuku
- 45 Picking water snails in a Taro Patch
- 46 Haleakala, the largest Volcano in the World
- 47 Olinda, our bait 6,000 ft. up Haleakala
- 48 The Crater of Haleakala, 2,000 ft. deep, 30 miles round, and 10,000 ft. above sea-level
- 49 Iao Valley. The Needle
- 50 " " Side view of the Needle
- 51 " " Looking down. Climbing ferns
- 52 " " A wild corner. Bananas
- 53 " " Candlenut and Mountains
- 54 " " Ferns, Ohia's, and Mountains
- 55 " " A tropical landscape
- 56 " " A tropical nook
- 57 The Sugar Process. Ploughing
- 58 " " Cutting the cane
- 59 " " Putting cane in the flume

- 60 The Sugar Process. The flume on the way to
- 61 " " " End of the flume [mill]
- 62 " " " Cane entering the mill
- 63 " " " Crushing
- 64 " " " Boiling
- 65 " " " Drying
- 66 " " " Weighing

## Island of Hawaii.

- 67 Hilo and Bay
- 68 Mauna Kea from Hilo
- 69 Hilo Hotel
- 70 " Courthouse
- 71 " Bamboo Clump
- 72 " Street, with Mauna Kea
- 73 " Vegetation [palms]
- 74 " Street near Post-office and tall Cocca-
- 75 1881 Lava flow from Mauna Loa and Hilo Bay
- 76 Mauna Loa from Hilo Bay, 50 miles
- 77 Looking up 1881 flow towards Mauna Loa
- 78 "Give us a light." On the road to Kilauea
- 79 Shooting Cardinals. Volcano Road
- 80 Corner on the Volcano Road
- 81 Variegated Bananas, Volcano Road
- 82 Foliage by side of Volcano Road
- 83 Mr. Hitchcock's Coffee clearing. Our halt
- 84 " " " " With large tree fern
- 85 "Tom," our Jap cook and husband
- 86 "Ahi," chief Chinese servant at Volcano House
- 87 Mauna Loa, Kilauea Crater Edge, and Sulphur steam jets
- 88 Earthquake crack in Lava, Kilauea Crater
- 89 Lava Cave, Kilauea Crater
- 90 A.A. Lava and extinct blow cone with outer wall of crater in distance
- 91 Bird's-eye view of Halemaumau, the molten lava lake, Kilauea, April, 1894
- 92 Looking into Halemaumau
- 93 Halemaumau (lake of red-hot lava) when fairly
- 94 In a tree fern wood near Volcano House [quiet]
- 95 Kilauea Iki, an extinct but perfectly formed
- 96 A volcano vapour bath [crater]
- 97 Returning through the Forest
- 98 Tree ferns by the roadside
- 99 Hilo Bay with bread fruit tree
- 100 " Chinamen netting
- 101 " from the shore
- 102 An old hut
- 103 Climbing a cocoanut tree
- 104 Native hut and garden
- 105 Kanaka fishermen and children
- 106 Lauhala wood
- 107 Mouth of Waieka River, Hilo
- 108 Native canoe
- 109 Coconut palms and gnava bushes
- 110 Young Lauhala
- 111 Bathing on Cocoanut Island, Hilo
- 112 Cocoanut Island from Mainland
- 113 Japanese village near Hilo
- 114 House in Japanese village
- 115 Natural arch on coast, Onomea
- 116 Waterfall in Pahoehe Gulch
- 117 Vegetation in Honoma Gulch
- 118 Kanakas making Poi
- 119 A Family Group showing leis, Hilo

## NX

## AUSTRALIA.

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Figure Subjects, 7s. 6d.

Maps, 4s.

Plain Slides, 1s. each.

- 1 Adelaide, Port of
- 2 " Bird-eye view from William Street, showing Art Gallery, Public Library, and Museum
- 3 " A Grey Day
- 4 " Botanical Gardens
- 5 " Exhibition Building
- 6 " Railway Viaduct
- 7 Albany. General View
- 8 " Harbour [Swan]
- 9 Ascot Estate. A bend in the
- 10 Ballarat, General View of City
- 11 " Central Railway Station
- 12 " Band and Albion Gold Mine
- 13 " In the Bush; a Labourer's Shanty
- 14 Bee Hunting by Natives
- 15 Roseworthy Agricultural College, Stump Jumping Plough
- 16 Buck Board Carriage
- 17 " Jumping Horse
- 18 Bungaree Mob of Horses
- 19 Bush Scenery
- 20 Cambewarra Mt. "Nature's Fernery"
- 21 Caulfield, The Storm at
- 22 Coolgardie, Mutual Stores, Loading Camels
- 23 Team and Wagon
- 24 Dingoes round Sheepfold
- 25 Eucalyptus Tree, forming Bridge
- 26 Fernshaw, a Solitary Hut
- 27 Fremantle, Western Australia
- 28 " (from an old print)
- 29 Going to the Gold Diggings
- 30 Large Nugget, 483oz. Value £1800
- 31 Getting Sheep ready for Market
- 32 Hobart, from the Bay
- 33 " Silver Falls
- 34 Kangaroo Hunt on Horseback

- 35 Ledgard's Bridge
- 36 Load of Wool [rigines]
- 37 Lyhras and Piccaninnies, Ab-
- 38 Lyre Bird
- 39 Map of Australia
- 40 Melbourne, from Post Office
- 41 " Collins Street, looking East
- 42 " General Post Office
- 43 " Exhibition Building
- 44 " Law Courts
- 45 " Houses of Parliament
- 46 " St. Paul's Cathedral, Ext.
- 47 " St. Paul's Cathedral, Int., looking West
- 48 " Racing Eight on the Yarra
- 49 Mob of Cattle
- 50 Monument to Burke and Wills
- 51 Mount Abrupt, Kangaroo Hunt
- 52 The Murray River in Flood
- 53 New South Wales, A Bush Road
- 54 " " Castle Crossing
- 55 " " Neusean Towers
- 56 " " Blue Mountains, Weeping Rock
- 57 " " Katoomba Water-fall
- 57 Natives with Fishing Nets
- 58 Queensland, Artesian Wells
- 59 Russell Falls, Top Fall
- 60 Snake Hunting by Natives
- 61 South Australia, Remains of Aborigines
- 62 " " Hereford Cows on wooded park
- 63 " " Wheat Stripped
- 64 Sydney, General View
- 65 " Heads from Manley Beach
- 66 " Botanical Gardens—Palm Grove

- 67 Sydney Town Hall [Anglican]
- 68 " St. Andrew's Cathedral
- 69 " Harbour, from Government House
- 70 " Harbour from Post Office Tower
- 71 " General Post Office
- 72 " King Street
- 73 " "
- 74 " Stanwell Park, Illawarra
- 75 " Giant Tree, 40 feet in circumference
- 76 Tasmania, River Derwent at New Norfolk
- 77 " Launceston, from Gorge
- 78 Tasmania, Geaveston, felling the Eucalyptus in the Bush
- 79 Wentworth Falls. Weeping Rock, N.S.W.
- 80 Yarra, Bush Scene on the
- 81 Yarram. Township in danger
- 82 Haunting Cedars on the Richmond
- 83 Wolsely Shearing machine at Work in a Wool Shed
- 84 Loading up at a Station on the "Bland," Team of 14 Oxen
- 85 The Hunter's Retreat
- 86 Native's Coo-coo-coo-ee
- 87 Native Girl
- 88 Forest Fire, a flock on the road by a fallen gumtree
- 89 Long Tunnel Concentrating Works
- 90 The New Golden Gate "Stamper," erected by the Salsbury Foundry Co.
- 91 Selectors escaping
- 92 Leaving the Cage
- 93 " Overlanders"
- 94 " Fossickers"
- 95 Defending a Homestead

For other Slides of Australia, see pages 479 and 480.

## NY

## NEW ZEALAND.

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Figure Subjects, 7s. 6d.

Plain Slides, 1s. each.

- 1 Auckland and Harbour
- 2 " Harbour
- 3 " Queen Street
- 4 " Nihotapu Falls, 20 miles N. of
- 5 " " "
- 6 " " " "
- 7 " " " In Bush with tree ferns
- 8 " Waiwera, Coast
- 9 " " Pohutukawa Bush
- 10 American Lever Gate or Snow Gate
- 11 Baptism of Te Naghu at Arika
- 12 Chief's Hut
- 13 Christchurch, Lincoln Agricultural College
- 14 Dunedin, Otago
- 15 Geyser, "The Twins," at rest
- 16 " " " in motion
- 17 " " "The Dragon's Mouth"
- 18 " " "The Heron's Nest"
- 19 Harvest, Reaping Wheat
- 20 Heke and his Wife
- 21 Lake, "The Steam Hammer"
- 22 Map of New Zealand

- 23 Mt. Egmont, with Burnt Bush and Cross-bred sheep in foreground
- 24 Native Pah, entrance
- 25 Nelson, Bishopsdale
- 26 " Trafalgar Street
- 27 North Island, Maori Woman
- 28 " " " Man
- 29 " " " Natural Bush and a tall Nikae Palm
- 30 Ohinemutu Maories
- 31 Rotorua, Mokoia Island, Hine-moia's Bath
- 32 " " " Sunset
- 33 " " " Lake
- 34 " " " In the Bush near
- 35 Taranaki, Maori Village
- 36 Tauranga Church, Interior
- 37 " Natural Baths
- 38 " Hot Springs
- 39 " Children in Hot Spring, Market Place
- 40 " Sophia, Maori half-caste Guide to Terraces
- 41 " Te Keepe, Maori Chief and Wife
- 42 Tuhuatahi, the "Champagne" Pool, Geyser Valley
- 43 " " " nearer view

- 44 Vermont, Merino Ewes
- 45 " " Rams
- 46 Wairakei, River Walkato near
- 47 " " " "
- 48 " " " "
- 49 " " " "
- 50 " " " " at
- 51 " Ateamuri Mt. Ngatuku
- 52 " Karapiti "Blowhole"
- 53 " Maori carving in Hotel
- 54 " Geyser Valley
- 55 " " " Great Geyser
- 56 " " " nearer view
- 57 " Wairoa, Maories, Village Street
- 58 " Mission Working Party at Parsonage
- 59 " Missionary Whare
- 60 War Bell, Pahun
- 61 " Canoes on the Sea
- 62 " Dance. Night Scenes
- 63 " Speech by Natives
- 64 " West Coast Sound. Sunday School
- 65 " Whare Deni Guest House
- 66 " Whakaki, Floating Island

## NEW ZEALAND—Continued.

- |  |  |  |
|--|--|--|
| 66 Auckland from Mt. Eden  | 79 Lyttelton Harbour. S.S. "Rusapehu" of the New Zealand Shipping Co.                                  | 94 Wellington, Panorama  |
| 67 Extinct Crater of Eden, near Auckland   | 80 " Governor's Bay near   | 95 S.S. "Surrey" leaving Wellington for S. Africa, with part of the 8th N.Z. Contingent. The Premier, Mr. Seddon (who went to see them off), is on the Chart-room roof |
| 68 The Bluff. New Zealand Bush   | 81 Port Chalmers   | 96 Whakarewarewa, near Rotorua, "Prince of Wales's Feather Rock"   |
| 69 " " Loading the s.s. "Rapaia" with frozen mutton  | 82 " Panorama  | 97 " The principal Geyser (not working)  |
| 70 Cape Horn. Coming towards the Cape from (i.e. looking E.)   | 83 Rotorua. "In the Sanatorium Grounds   | 98 " A Geyser  |
| 71 Lyttelton Harbour   | 84 " Hot Springs, Steam rising out of the ground   | 99 " Maoris after morning bath   |
| 72 " H.M.S. "Ringarooma" (two funnels)   | 85 " A Geyser at work  | 100 New Zealand Bush showing Tree Ferns which are a great feature of New Zealand scenery   |
| 73 " Pier showing the "Discovery" in Dry Dock  | 86 " A Geyser at work; the water is at boiling point, and the clouds of steam obscure the jet of water | 101 Bush Land partially cleared  |
| 74 " Showing the "Discovery" lying in Dry Dock   | 87 " Maori Women cooking   | 102 Blue Gum (Eucalyptus) Trees. Common all over Australia and New Zealand   |
| 75 " The "Discovery" in Dry Dock   | 88 Sawyer's Bay (near Dunedin), Gulls on the wing  | 103 A typical New Zealand Sheep Farmer   |
| 76 " The "Discovery"   | 89 Sawyer's Bay (near Dunedin), Gulls settling   | 104 King Penguins, from Macquarie Island, south of New Zealand   |
| 77 " On board the "Discovery"  | 90 Timaru. Wild Flax and Pampas Grass  |  |
| 78 " In the rigging of the "Discovery." There is no iron in the rigging or anywhere within 50 ft. of the Magnetic Observatory on board | 91 Waikato River, the highest river in New Zealand, a few miles from Auckland                          |  |
|  | 92 Wellington, Panorama  |  |
|  | 93 " "   |  |

## TWO YEARS AMONG THE CANNIBALS OF NEW GUINEA.

WK

The Story of Mr. A. E. PRATT's Explorations in New Guinea.

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- |   |  |
|---|--|
| 1 A Papuan Village  | 11 Guarding the Workers: Young Braves securing the safety of the Women at work in the Yam Patch  |
| 2 Young New Guinean at play: Spear-throwing and Cat's-cradle                    | 12 Paint as Mourning: A Papuan Funeral; the widow, painted black, following her husband's corpse |
| 3 A Spider's Web as a Fishing Net: A strange Papuan device                      | 13 Tree Burial: A Papuan method of disposing of the dead   |
| 4 A Feathered Artist: The Bower Bird and its wonderful Garden                   | 14 A Deserted Village in Papua   |
| 5 Buying a Wife: A Papuan Wooing  | 15 A Papuan Hunt: Driving the Pig, the Cassowary, and the Wallaby (a little Kangaroo)            |
| 6 A weird Tribal Dance  | 16 A curious Drum of Tugeri (Dutch New Guinea)   |
| 7 Smoking the Ban-Ban   | 17 The Torch Signal: A night visit to the Explorer's (Mr. A. E. Pratt) Camp                      |
| 8 Fishing with the Spider's-Web Net   |  |
| 9 A Piebald Tribe: The Motu-Motu People of Hood's Bay, and a typical Kalo House |  |
| 10 The Telegraph of the Wild: Shouting News from Hill to Hill                   |  |

## VK A TRIP TO THE SOUTH PACIFIC ISLANDS.

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- |                                      |  |   |
|--------------------------------------|--|---|
| 1 R.M.S. "Saxonia"                   | 16 Rotomahana Lake, General View               | 28 Suva, Native House                         |
| 2 Tasmania, Brown River Church, Ext. | 17 Tarawera Mount                              | 29 " Policeman and Lali                       |
| 3 Parata Station Hotel               | 18 Waimango Volcano, before Eruption           | 30 " Native boy with fishing spear            |
| 4 Strahan, Burnt Bush near           | 19 Waimango Volcano, during Eruption           | 31 Fiji Natives                               |
| 5 Mt. Wellington, Waterfall near by  | 20 Native Hut at Nukualofa, Tongatapu          | 32 Singalese Women in Suva, Fiji              |
| 6 Geraldine, Market Square           | 21 Tongan Ladies on Manapouri                  | 33 Honolulu, General view                     |
| 7 Reefton, Coach leaving             | 22 Vavau in Tongan Group                       | 34 Field on C.P.R.                            |
| 8 Whanganui River                    | 23 Apia, Native Canoe                          | 35 Niagara, Electric Generators, distant view |
| 9 Whanganui River, Pipiriki          | 24 Villa Vailima, Stevenson's House            | 36 " Electric Generators, near view           |
| 10 Wheirakei Geyser                  | 25 Apia, Samoan Village                        | 37 " American Falls                           |
| 11 " Great Geyser                    | 26 Suva, Botanical Gardens, showing Date Palm  | 38 " American Falls from Goat Island          |
| 12 Tapan, Crow's Nest Geyser         | 27 Suva, Botanical Gardens, showing Lemon Tree | 39 " Rapids below the Falls                   |
| 13 " General View "                  |  | 40 Teneriffe                                  |
| 14 Rotokakahi Lake                   |  |   |
| 15 Rotomahana Lake                   |  |   |



## UI

## FIJI ISLANDS.

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- |   |   |  |
|---|---|--|
| 1 Lautoka   | 13 A Dried-up Stream, the banks overgrown with sugar-cane   | 22 A Fijian, With his War Club   |
| 2 " The Wharf   | 14 A Coolie Woman planting sugar-cane, with a European Overseer superintending  | 23 " Belle   |
| 3 " " s.s. "Rakais" (of the N.Z. Shipping Co.) (cocoa-nut tree in the foreground) | 15 Coolie Women at work in the Sugar Fields. All the labour is done by coolies, women and children imported from India. The native Fijians are too few and too lazy | 24 Two Fijians   |
| 4 " Fijians on the Wharf (taken from the deck of the s.s. "Rakais")               | 16 Coolie Women   | 25 Fijian Women and children   |
| 5 " A field of sugar-cane belonging to the "Colonial Sugar Co."                   | 17 Fijians  | 26 " Boys (three)  |
| 6 " In the sugar fields   | 18 A Fijian   | 27 " " Playing cricket, with cocoanut leaves as bats and bread fruit tree as wickets |
| 7 " " " Women working   | 19 " with Lime on his Hair. After a few days the lime is washed off when the hair is straight instead of curly, and yellowish brown instead of black                | 28 " Girl  |
| 8 " " " Showing cart  | 20 " and his Hair   | 29 " Children  |
| 9 " Indian coolie women in the verandah of the hospital                           | 21 " Showing the way they comb up their hair  | 30 " Half-caste out for a Picnic   |
| 10 " Mangrove Swamp   |   | 31 " Carrying Bread Fruit  |
| 11 " Bread Fruit-trees, near  |   | 32 " Group of  |
| 12 Suva, Outrigger Canoe  |   | 33 " " Outside a Hut   |
|   |   | 34 " " On deck of ship   |
|   |   | 35 " Bush  |
|   |   | 36 " Hut and Cocoa-nut Trees   |
|   |   | 37 Cocoa-nut Trees   |
|   |   | 38 Banana Trees  |
|   |   | 39 " " Showing a bunch of Bananas  |

## WI

## EXPIRING RACES.

The Yaghans (or Canoe-Dwellers) and the Onas of Tierra del Fuego.

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Beautifully Painted, 7s. 6d. Plain Slides, 1s. each.

- |  |   |
|--|---|
| 1 Introduction; Seascape   | 8 A Farm at World's End: A strip of grazing ground in the Beagle Channels |
| 2 Fishing by the Yaghans, the Tribe placed by Darwin lowest in the human scale               | 9 In the Magellan Straits: A typical scene                                |
| 3 Procuring their sole subsistence: Onas hunting the Guanaco                                 | 10 The Argentine Military Penal Settlement: Cook Bay, Staten Island       |
| 4 A Pathway on the Tree-tops: Onas making their way along the top of the tangled beech-trees | 11 Natural Effervescent Mineral Water in Tierra del Fuego                 |
| 5 Archery Practice at living targets: A sport of the Ona Bowmen                              | 12 A typical Winter Scene at Ushuaia                                      |
| 6 The curious sleeping arrangements of the Onas: Dogs as a means of warmth                   | 13 A Glacier in Beagle Channel  |
| 7 The Furrier's art among the Yaghans: preparing a Sea-otter's fur                           | 14 Ushuaia: The Argentine Government Port in the Beagle Channel           |

## NE

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- |   |   |
|---|---|
| 1 Aztec Calendar Stone                      | 27 Aguas Calientes—Street merchants                   |
| 2 An Aztec Deity                            | 28 Guadalajara—Government Palace                      |
| 3 Aztec Sacrificial Stone                   | 29 " Church of San Jose                               |
| 4 " Jacal, the family at home               | 30 " San Francisco Street & the Cathedral             |
| 5 Coffee Plantation, Cordoba                | 31 " Church of La Merced                              |
| 6 Group of Uté Braves                       | 32 " the slaughter-houses                             |
| 7 A Typical Mexican Boy                     | 33 " Tortillas Factory                                |
| 8 Ciudad Juarez—the Plaza                   | 34 " Ravine of Ibarra                                 |
| 9 " " the historical post office            | 35 " " River de La Erma                               |
| 10 " " Street scene                         | 36 A Talchiquero drawing Pulque at Apam               |
| 11 A prize-fight near the American Frontier | 37 Cascade of Juanacatlan, State of Jalisco           |
| 12 A native observatory                     | 38 Monument on spot of Emperor Maximilian's Execution |
| 13 A typical Bull-fighter (Toreador)        | 39 Volcans Popocatepetl                               |
| 14 Bull-fight—Troop entering the ring       | 40 Mexico City, 5th of May Parade, and the Palace     |
| 15 " Banderillero                           | 41 " Military Regiment in Plaza Major                 |
| 16 " Bull attacking picador                 | 42 " " Market Place, Plaza Major                      |
| 17 " Bull removed from arena                | 43 " the Cathedral                                    |
| 18 Zcatecas—Panorama                        | 44 " " Monterilla Street                              |
| 19 " the Plaza                              | 45 " " Plateros Street                                |
| 20 Aguas Calientes—San Marcos garden        | 46 " " Fountain of Salto del Agua                     |
| 21 " " a circus troop                       | 47 Guanaxtlan, A public fountain and water carriers   |
| 22 " " the circus (acrobats)                | 48 A banana market                                    |
| 23 " " making pottery                       | 49 Vera Cruz Seminario Street                         |
| 24 " " the Pottery Market                   | 50 " " and Gulf of Mexico                             |
| 25 " " water carriers waiting their turn    |   |
| 26 " " Mexican laundry                      |   |

## UM

## MEXICO.

*Beautifully Painted Views, 5s. each; Plain Slides, 1s. each.*

- |                                 |   |   |
|---------------------------------|---|---|
| 1 Cunevaca, Market              | 10 Mitra, Ruins, Wall                             | 19 Near Amecameca                               |
| 2 " Astic Village near          | 11 " a decorated Wall                             | 20 Canyon Guadalajara                           |
| 3 " " with                      | 12 Peak of Orezare                                | 21 A Mexican                                    |
| 4 Organ Cactus                  | 13 Puebla, Street in                              | 22 Station on the Intu Oceanic Line             |
| 5 Coach to Chipala              | 14 Vera Cruz, Cathedral                           | 23 Ruins of Mitla                               |
| 6 Cactus Country in S. Mexico   | 15 On the Southern Mexico Rail-<br>way            | 24 Amecameca                                    |
| 7 Cactus near Mexico City       | 16 Amecameca. Mt. Popocatepetl<br>in the distance | 25 Mexican Village with Organ Cac-<br>tus Hedge |
| 8 Country cart                  | 17 Courtyard of a Mexican House                   | 26 Street in Chipala                            |
| 9 Mitra, Ruins, showing Columns | 18 Church, Cunivaca                               | 27 Church, interior, Guadalupe                  |
|                                 |   | 28 Texas Scenery                                |

For other Slides of Mexico see page 480.

## UK

## PERU.

*Beautifully Painted Views, 5s.; Plain Slides, 1s. each.*

- |  |   |
|--|---|
| 1 Arequipa, Miola in distance, built by Prizarrs | 3 Sand Heaps between Mollend and Arequipa |
| 2 " Street                                       | 4 Llamas as beasts of burden              |

## NZ

## SOUTH AMERICA.

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From a Series of Original Negatives.

- |  |  |  |
|--|--|--|
| 1 Map [Itapanco  | 27 Pernambuco, Landing Place                                   | 54 Rio Janeiro, Paguesta Island                      |
| 2 Bahia Arasaho off Island of                              | 28 " Bullock Sugar Carts out-<br>side Store                    | 55 " looking Seaward                                 |
| 3 " Boat Scene, the Harbour                                | 29 " Sugar Mills, Cane Crushers                                | 56 " Entrance to Harbour                             |
| 4 " Bridge over Red River                                  | 30 " Sugar Mill, Showing Ma-<br>chinery                        | 57 " Harbour   |
| 5 " Group of Niggers in Street                             | 31 " Street in [Lighthouse                                     | 58 " Docks   |
| 6 " Lighthouse, Steamer<br>passing South                   | 32 " Looking Seaward towards                                   | 59 " Sea View, Fishing-Boat                          |
| 7 " Shop in Market   | 33 Rio Janeiro, General View                                   | 60 " From the Sea                                    |
| 8 " Street in Upper Town                                   | 34 " Bay and Sugar Loaf<br>Mountain                            | 61 " Gloria  |
| 9 " opposite Lift  | 35 " Botofogo Bay  | 62 " Market Negress at a Stall                       |
| 10 Buenos Ayres, Bird's Eye View<br>from Hotel Raz         | 36 " Botanical Gardens, East<br>View of Avenue &<br>Fountain   | 63 " Oxen Cart, Road Scene                           |
| 11 " Carapachay, Tigre River<br>Cootie Shanty              | 37 " Botanical Gardens   | 64 " Emperor of Brazil, Portrait                     |
| 12 " " Butcher's Boat up<br>the River                      | 38 " Botanical " "   | 65 " Empress of Brazil, Portrait                     |
| 13 " " Cootie Hut  | 39 " Avenue of Palms   | 66 " Tijnea, Silver Thread Falls                     |
| 14 " " La Motte's House                                    | 40 " Botanical Gardens and                                     | 67 " " White's Hotel                                 |
| 15 " " Russel's House                                      | 41 " Avenue of Palms (Lake                                     | 68 " " Waterfall near Petropolis<br>in Virgin Forest |
| 16 " " Peach Tree  | 42 " " Cross View  | 69 Rua Primeiro de Marco                             |
| 17 " " Palermo Gardens,                                    | 43 " Clump of Bamboos  | 70 San Domingo, Group, Estancia<br>up Country        |
| 18 " " Aloes in Fore-<br>ground                            | 44 " Mango Tree  | 71 " Shooting Cart                                   |
| 19 " " Priest in Chapel<br>at Rudeta                       | 45 " Group of Palms  | 72 " Gaucha and Horse<br>showing style of dress      |
| 20 " " La Plata, Church                                    | 46 " Screw Pine Palm   | 73 " Gaucha & country cart                           |
| 21 " " The Governor's                                      | 47 " Traveller's Tree [Road                                    | 74 San Paulo Railway Trestle Bridge                  |
| 22 " " Private House                                       | 48 " Waterworks on Silvestre                                   | 75 " " Railway from be-<br>low. (Tropical Scenery)   |
| 23 " " National Bank                                       | 49 " Corada, General View                                      | 76 S.S. "Tagus, 1st Class Passengers                 |
| 24 " " Post Office   | 50 " Devil's Bridge  | 77 " Steerage Passengers                             |
| 25 Icaraby, the Beach                                      | 51 " Bullock Wagon   | 78 " The Man at the Wheel                            |
| 26 Inundated Forest  | 52 " Corcovada, Rua das<br>Lavengerias Tram-<br>car at Station | 79 " Tiger Fish Caught<br>from Ship, weight 28lbs.   |
| 27 Monte Video, from the Sea                               | 53 " The Pagoda Summit   | 80 Santiago, Santa Lucia                             |
| 28 Island of Flores, 30 miles<br>distant (Quarantine Stn.) | 54 " Paguesta Island, looking<br>Seaward                       | 81 Tijuca, Bridge on Boulders                        |
|  |  | 82 " Gavea Mountain                                  |
|  |  | 83 " Mountain Pass                                   |
|  |  | 84 " Murray's Hotel                                  |

NOTE.—When ordering Slides the Telegraphic Code Letters should be  
quoted to avoid mistakes.

OC

## NORTH AMERICA.

*Beautifully Painted Views, 5s. and 7s. 6d.**Figure Subjects, 7s. 6d.**Maps, 4s. each.**Plain Slides, 1s. each.*

1 Atlantic Steamer	65 New York, looking East	130 Philadelphia, Fairmount
2 Albany, The Capitol	66 " looking North	131 " Floral Hall
3 " House of Assembly	67 " looking South	132 " Girard College
4 " Senate	68 " Broadway from Post Office	133 " Lincoln Monument
5 Arizona, The Painted Rocks	69 " Broadway from Stewart's	134 " Liberty Bell
6 Bastian Fall, Glen Oatskill	70 " Brooklyn Bridge footway	135 " Memorial Hall
7 California, San Francisco, Genrl.	71 " Canal, Locks and Barges	136 " Chestnut Street
8 " " near View	72 " Castle Gardens	137 Potomac, Lake Zenegar
9 " China Town Restaurant	73 " Fifth Avenue	138 Prairie on Fire
10 " " "	74 " Fulton Ferry House	139 Rocky Mountains, ascending
11 " Temple, Altar	75 " Steamship Saloon	140 Salt Lake City, Panorama from
12 " " Altar, near View	76 " The Post Office	Hotel, Knutsford
13 " Monster Trees	77 " West Street	141 " " Tabernacle
14 " Big Trees, Wawona	78 " Canal Street	142 " Temple
15 " Grizzly Giant	79 " Central Park	143 Saratoga, Grand Union Hotel
16 " United States Mail, 1860	80 " Central Railway, Mohawk	144 S. Paul's, General Table
17 Central Pacific Trestle Bridge	River	145 Sierra Nevada, General View
18 " Snow Sheds, Daylight	81 " City Hall, Exterior	146 Utah, The Narrows
19 " " Moonlight	82 " Statue, the Falconer	147 Washington, British Legation
20 1000 Mile Tree, W., from Omaha	83 " Elevated Rail and Cooper	148 " House of Representatives
21 Weber Canyon, Finger Rock	Institute	149 " " Interior
22 " " Devil's Gate	84 " Elevated Railway	150 " " President's House
23 " " Slide	85 " Curve and under View	151 " " Capitol, East Front
24 " Tunnel through Mountain	86 " Fifth Avenue Hotel	152 " " Statue, Washington
25 Blue Canyon, Snow Plough	87 " Central Park, the Lake	153 " Patent Office, Extr.
26 Summit Station, 7,017 feet high,	88 " The Bow Bridge	154 " " Infr.
Exterior Snow Sheds	89 " The Terrace	155 " Treasury
27 Summit Station—Winter	90 " Egyptian Obelisk	156 " Lincoln Statue
28 Chicago, View of the City	91 " Liberty Statue, near view	157 " National Museum
29 " Stock Yards	92 " Highbridge Aqueduct	158 " " Interior
30 " Post Office	93 " Ferry Boat, Day	159 " Potomac Steamer
31 " State Street	94 " " Night	160 " Garfield's Tablet
32 Colorado Backwoods, Western	95 " Brooklyn Bridge	161 " President Taking
States	96 " River Steamer	the Oath
33 " Entrance to the Garden	97 " Indian Falls, Catskill	162 " Senate House, Interior
of the Gods	98 " Ithaca Falls	163 " White House, Interior
34 " Great Rock	99 " Lake George	
35 " Mushroom Rock	100 " 12-mile Island	164 Yellowstone Park Grand Geyser
36 Detroit Soldiers' Memorial	101 " Lucifer Falls	165 " " Geyser Cave
Opera House	102 " Mohawk River Profile	166 " " Old Faithful Geyser
37 Great Salt Lake City, Temple	Rock	167 " " Great Falls
38 " Main Street	103 " Saratoga Empire Spring	168 " " Hayden Valley
39 Hudson River Ice Harvest	104 Niagara Falls, General, Day	169 " " Mammoth Hot
40 " Palisades on	105 " " Night	Spring
41 " Yacht Sledge Ice Race	106 " Suspension Bridge	170 " " Giantess Geyser of
42 Hadley	107 " Footway	the Yellowstone
43 " Valley of Lakes, High Peak	108 " Railway	171 " " Cleopatra Terrace
44 " Upper Part	109 " by Daylight	172 " " The Punch Bowl
45 " West Point, General	110 " by Moonlight	Spring
46 " West Winter Scene	111 " Winter Scene	173 " " Crater of Ohlong
47 Kentucky, the Mammoth Cave	112 " Bridge to Rapids	Geyser
48 Locomotive	113 " Whirlpool Water Wheel	174 " " Old Faithful Geyser
49 Map of Western Hemisphere	114 " Cave of the Winds	175 " " Morning Glory
50 " North America	115 " Prospect Place	Spring
51 Minneapolis, Mississippi River	116 " Horseshoe Fall	176 " " Castle Geyser, Castle Well
52 Minnesota, Panorama of S.	117 " Winter	177 " " Tolerns at Kasas Alaska
Paul's	118 " Tower Goat Island	178 " " Muir Glacier from the Steamer
53 " Minnehaha Falls, Day	119 " Table Rock, Winter	" Queen "
54 " " Moonlight	120 " View of the Rapids	171 Yosemite, Hot Wells, Gardiner
55 Mississippi, Moonlight	121 " Shooting the Rapids	River
56 " Steamer, Day Scene	122 " Verge of the Falls	172 " " Mud Volcanoes
57 " " Saloon	123 " Top of the Fall, Sunset	173 " " The Valley
58 Montana Cattle Rancho	124 " Bridge on Lunar Island	174 " " Indian in Forest
59 Mount Washington, the incline	125 " Bridge and Falls	175 " " Cap of Liberty
60 New York, Bird's-eye View	126 " Ice-decked Tree	176 " " Cathedral Rock
61 " Broadway, Day	127 Niagara, King Frost, Gigantic	177 " " George Washington Mtn
62 " " Night	Icicles	
63 " Barber's Shop	128 " Rapids and Bridges	
64 " Grand Central Depot	129 " Whirlpool	
196 Arizona, Grand Canyon of	202 Colorado, Near Station in	206 New York, One of its latest
196 California, Yosemite Valley	203 Cuba, Havana Cathedral	" Skyscrapers." The Flat Iron
197 " " "	204 " " Harbour, Wreck	Building at corner of Fifth
198 " " "	" of the " Maine "	Avenue and Broadway (the
199 " Lake in foreground	205 Detroit, Majestic Building, City	most valuable site in the world)
Yosemite Valley Mirror Lake	Hall, and High Street Lamp	207 Volcano of Popocatepetl from
200 Chicago, Masonic Temple	(all lamps there are 150 feet	Ameameca
201 " State Street	high)	208 Washington, White House
		209 " " British Embassy
		210 " " Capitol

For other Slides of N. America, see page 480.

# OD THE BRITISH ASSOCIATION'S EXCURSION TO CANADA.

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| 4 " River Scenery                                     | No. 1   |
| 5 Agassiz, Clearing Forest, Experimental Farm         | 30 " " " " No. 2                                  |
| 6 " Experimental Farm, Hope                           | 31 " " " " No. 3                                  |
| 7 Lake St. John, Lumber                               | 32 " " " " No. 4                                  |
| 8 " Lumber Mill                                       | 33 Harrison River                                 |
| 9 Lake Superior District, Scenery                     | 34 " Lake   |
| 10 " " " showing Railway                              | 35 " " with House and Bridge                      |
| 11 Winnipeg   | 36 " " View from                                  |
| 12 " Electric Tram                                    | 37 Trail, Wire Ferry                              |
| 13 The Prairie  | 38 " and its Smelter                              |
| 14 A Prairie Station, C.P.R.                          | 39 Rossland, Mining Tower                         |
| 15 Kananaskis Falls                                   | 40 " Le Roi Gold Mine                             |
| 16 Great Glacier of the Selkirks                      | 41 " War Eagle Gold Mine                          |
| 17 Lake Louise, Laggan                                | 42 Nelson, Hall Silver Mine                       |
| 18 " " (Morning)                                      | 43 " Smelter of Hall Mines                        |
| 19 " " (Afternoon)                                    | 44 Whitewater Silver Mine                         |
| 20 " " (Evening)                                      | 45 Scenery on Arrow Lake                          |
| 21 Hazell Mountain and Mount Lefroy from Mount Pirron | 46 Indian Village near Duncan, Vancouver Island   |
| 22 Lake Louise from Mount Pirron                      | 47 Ruins of Indian House                          |
| 23 Mountain and Forest Scenery from the Trains        | 48 Victoria, China Town                           |
| 24 Scenery in the Kootenay                            | 49 " in   |
| 25 Shuswap Lake, Sicamous (early Morning)             | 50 Niagara Falls, No. 1                           |
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| 2 Mount Hope, from below Hope Station [end of Tunnel]                           | 34 British Columbia. S.S. "City of Nanaimo" leaving Canabla S. Wharf  | 49 Lake Louise and Glacier, Summit of Rockies, C.P.R. Laggan, Alb.                      |
| 3 Mount Hope, Bluff from East   | 35 British Columbia. Vancouver, looking East  | 50 Howe Pass at Big Hill  |
| 4 Shuswap, Foot of Salmon Arm   | 36 British Columbia. Vancouver, C. P. R. Wharf  | 51 Banff. Canadian National Park, Bathing in the Sulphur Basin                          |
| 5 " Salmon Angling  | 37 British Columbia. C.P.R. 53E, running between Canmore and Donald   | 52 Banff. Canadian National Park, Bow River and Twin Peaks                              |
| 6 Fraser, View down Stream  | 38 Selkirks. Bridge in the Loop. C. P. R. and Ice Mountains looking South   | 53 The Asulkan Glacier  |
| 7 " River and Bridge  | 39 Selkirks. Interior of Snowshed   | 54 S.S. "Beaver" wrecked on Prospect Point  |
| 8 " from 1 mile below Bridge  | 40 " Stoney Creek Bridge  | 55 Indians employed by G. A. E. Hyde, Esq., of Hydeville, Assa.                         |
| 9 " Wagon Road and East End of 1,600 Tunnel                                     | 41 " showing Snow Sheds, summit of Selkirks   | 56 Harvesting on the Farm of the C. A. C. & Col. Co., Balgonie, Assa.                   |
| 10 " View showing No. 3 Tunnel, near Yale                                       | 42 " Great Glacier from the Road  | 57 Threshing on Farm of C. A. C. and Col. Co., Namaka, Alb.                             |
| 11 Yale Road, Ox Team Wagon   | 43 North-West Territory. Cree Indians, Maple Creek  | 58 Delivering Grain at Elevators, Carberry, Man.  |
| 12 " View of  | 44 North-West Territory. Breaking the Prairie of the Canadian A. C. & C. Co.'s Farm at Stair                      | 59 Cowboys at Cherry Creek, C.P.R.  |
| 13 " Church and Mission   | 45 North-West Territory. Indian Pow-Wow, Moosomin   | 60 Canadian Pacific Railway Train   |
| 14 Alexandra Bridge [Larona]  | 46 North-West Territory. "Medicine Man" and "Winnipeg Jack," Blackfeet Indians, Gleichen                          | 61 Canadian Pacific Railway Dining Car, "Holyrood"                                      |
| 15 Clay Bluffs, a few miles below   | 47 North-West Territory. Sheep belonging to the C. A. C. and C. Co.'s, Maple Creek. For Shipment, 3rd Sept., 1899 | 62 C.P.R. Work Train on Revelstoke Bridge   |
| 16 View down the Thompson from near Drynock (Tunnel)                            |   | 63 C.P.R. Rotary Snow Plough  |
| 17 Slaughter House Tunnel (No. 7)   |   | 64 " Pacific Express in Kicking Horse Canyon, near Golder                               |
| 18 Lytton   |   |   |
| 19 Cedar Tree   |   |   |
| 20 Tunnel No. 10  |   |   |
| 21 Clay Bluffs, West, below Hamlin  |   |   |
| 22 Kamloops, looking East   |   |   |
| 23 Vancouver, Lots Sale, Big Tree   |   |   |
| 24 Pack Train in Camp   |   |   |
| 25 Indian Graveyard   |   |   |
| 26 " Child's Grave  |   |   |
| 27 " Tents, Closed  |   |   |
| 28 " showing Interior   |   |   |
| 29 Group of Indians   |   |   |
| 30 Jackass, Mountain Pass   |   |   |
| 31 Forest Scene in Winter   |   |   |
| 32 Stern-wheel Steamer  |   |   |

## OF

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- 11 Indian Chief with Medal
- 12 " Native Dress
- 13 Indians going to Church
- 14 " Buffalo dance
- 15 " Camp, Sioux Village
- 16 " " Interior, with Indians
- 17 " with Head Dress
- 18 " and Squaws
- 19 " Burial on the Plains
- 20 " Grave Memorials
- 21 " Buffalo Hunting
- 22 " Hunting Equipment
- 23 " Lacrosse Player
- 24 " Suspension Bridge
- 25 " Bear Medicine Man
- 26 Indian Pappoose in Indian Cradle, Goat Island
- 27 " Wigwam, Night
- 28 " " Day, open
- 29 Lake Superior, Port Arthur
- 30 " Port Arthur Water Street,
- 31 " " " " " " " "
- 32 Lumber Mill, showing log going up
- 33 Lumber Mill, Interior I.
- 34 " " II.
- 35 Lumber "Tramway" loaded, showing Lumber Piles
- 36 Group of Lumber Men at a Lumber Shanty
- 37 The Shantyman at Dinner
- 38 Looking down Timber Slide
- 39 A Railway of Logs in the Woods
- 40 Timber Slide with Wood Piles
- 41 Sweeping Logs out of the Lake

- 41 Lumber Shanty, Bissett's Creek
- 42 Ice Formation in Bissett's Creek, Lumber Slide in distance
- 43 Salmon Trout caught in Bissett Creek
- 44 Sheep in Bissett Creek
- 45 Canadian Pacific Freight Train at Bissett Creek
- 46 Map of Canada
- 47 Mission Coloured Map, Eastern Hemisphere
- 48 " " Western Hemisphere
- 49 Missionary, Arrival of, at Camp
- 50 Montreal, General View
- 51 " Panorama
- 52 " River Front and Steamer
- 53 " Christ Church Cathedral
- 54 " Horses in Snow Shoes, with Sledge
- 55 " Ice Palace
- 56 " Iroquois in Canoe
- 57 " James Street
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- 71 " Timber Raft
- 72 " " Stacks
- 73 " Parliament Buildings
- 74 " Railway Bridge over River Ottawa
- 75 " Ice Floes in Whirlpool, Rusby Captain Rapids
- 76 " General View of Country looking towards Ottawa

- 77 Ottawa, Canadian Crab-apple Tree in full blossom
- 78 " A Canadian Tollgate and Keeper
- 79 " Canadian in Winter Costume
- 80 " Tobogganner in fall Costume
- 81 Trestle Bridge over Mouth of Creek
- 82 S. John's, New Brunswick Suspension and Cantilever Bridges
- 83 Quebec, General View
- 84 " from Citadel
- 85 " from Point Levi
- 86 " Point Levi from River
- 87 " from Dufferin Terrace
- 88 " Port and Terrace
- 89 " English Cathedral
- 90 " Gen. Wolfe's Monument
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- 98 " Post Office
- 99 " Lieut.-Governor's House
- 100 " University College
- 101 Winnipeg, from Tower
- 102 " Main Street
- 103 " Streets in Winter
- 104 " Sleighing

## British Columbia.

- 114 British Columbia. A Settler's Clearing in the Forest
- 115 British Columbia. Kootenay River. Freight Cars on Ferry
- 116 Calgary. Cowboys in charge of a Horse Ranch
- 117 Montreal. McGill Street showing extraordinary number of wires
- 118 Montreal. Departure "Imperial" Ltd.
- 119 Ottawa. House of Parliament from River
- 120 Ottawa. Logs in Ottawa River
- 121 Quebec. Citadel and Height of Abraham
- 122 Rocky Mountains. An Avalanche, with Mount Sir Donald and the Great Glacier in Background
- 123 Superior Lake. Lake Steamer

- 124 Superior Lake. Three Grain Elevators, Capacity 5,250,000 bushels
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- 128 Winnipeg. Houses of Parliament
- 129 Winnipeg. City Hall
- 130 Emigrants on Landing-stage, Liverpool
- 131 " Farewell." A Last Look at the Homeland
- 132 Emigrants. A 3rd Class Cabin
- 133 Emigrants. A 3rd Class Dining Saloon
- 134 Emigrants. Dancing on Board
- 135 Emigrants. Basking on Deck

- 136 A New Passenger (Emigrant), Born on Voyage
- 137 The Pilot comes on board
- 138 Crowd of Emigrants waiting to pass the Doctor
- 139 Emigrants. Landing at Quebec, showing Baggage
- 140 Two young Emigrants. Waiting while Dada looks after Baggage
- 141 Emigrants' Reception Hall Quebec
- 142 Branding Cattle
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| 4 Spanning securing Harpoon          | 22 Seal watching for Fish                  | 38 " " " " Whalebone                            |
| 5 Crow's Nest, on the look-out       | 23 Melville Bay in the midst of heavy Ice  | 39 " " " " " "                                  |
| 6 Ship made fast to land Ice         | 24 " " " " our Ship reflected in the Water | 40 " " " " The Whale's Tail                     |
| 7 Eagle's Nest with two eggs         | 25 Ship near large Iceberg                 | 41 " " " " Harpoons                             |
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| 13 Land of a trip in Dog Sleigh      | 31 Back from Shooting, a day's             | 47 Encampment of Esquimaux                      |
| 14 Esquimaux Dogs                    | 32 Eta Close Esquimaux                     | 48 Our Ship off Cape Hooper                     |
| 15 The Governor comes on deck        | 33 Rider Duck Snaring                      | 49 On our way home, last Iceberg sighted        |
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| 4 A rancher's house   | 23 Return from shooting, San Antonio Canon and Mount Baldy |
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| 8 Rundle Mountain from Tunnel Mountain, showing strata | 17 Lake Minnewanka and Trout                           |
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| 4 The "Fram" leaving Bergen  | 30 Sunday Afternoon on Board   |
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| 6 The New Church and the Old Church, Khabarova                                   | 32 View over the Drift-Ice. Depot in foreground                                |
| 7 Portrait of Dr. Henrik Blessing  | 33 Moveable Meteorological Station on the Ice, 1895                            |
| 8 Cape Chelyuskin, the Northernmost Point of the World                           | 34 Workshop on Deck, July, 1895  |
| 9 A chronometer observation with the theodolite                                  | 35 The Start from the "Fram," March, 1895                                      |
| 10 At the coming of the Spring, March, 1894                                      | 36 Our last Camp before parting from our comrades                              |
| 11 Spring on the "Fram"  | 37 Baro, the Runaway   |
| 12 Taking sounding, 2,058 fathoms  | 38 Channels in the Ice, 1895   |
| 13 Reading Temperature with Lens, July, 1894                                     | 39 A Cogn of Vantage. Packed Ice   |
| 14 Our Kennels, September 27th, 1894   | 40 "Kalfas," my last Dog   |
| 15 17th of May Procession, 1894  | 41 "Suggen," Johansen's last Dog   |
| 16 A Summer Scene, July, 1894  | 42 "You must look sharp"   |
| 17 Nansen takes a Walk   | 43 Our Winter Hut, 1895  |
| 18 A Summer Evening, 1894  | 44 Southward, May, 1896  |
| 19 Snowshoe Excursion, October, 1894   | 45 Franz Josef Land. Glacier   |
| 20 Deep-water Temperature, "Up with the Thermometer"                             | 46 Our Last Camp   |
| 21 Portrait of Hjalmar Johansen  | 47 The Meeting of Jackson and Nansen   |
| 22 Scott-Hansen's Observatory  | 48 Mr. Jackson's Station, Cape Flora   |
| 23 Musical Entertainment in the Saloon   | 49 Photo by Mr. Jackson of Dr. Nansen at Cape Flora                            |
| 24 Captain Sverdrup in his Cabin   | 50 Johansen at his House, Cape Flora   |
| 25 The "Fram" in the Ice   | 51 Mr. Jackson on Lake Flora   |
| 26 The "Fram" after an ice-pressure, Jan., 1895                                  | 52 The "Windward" leaving Tromsø, August 20th, 1896                            |

The above 52 Slides have been selected as forming a fairly comprehensive set.

The following supplemental Slides, which are also used by Dr. Nansen in his lectures, can be supplied, price 1s. 6d. each.

- |  |   |
|--|---|
| 53 Landing on Yalmal   | 71 A crack in the Ice   |
| 54 A Dead Bear on Reindeer Island  | 72 Repairing the Kayaks   |
| 55 Playing Walruses  | 73 Channels in the Ice in Summer, June, 1895. No.                 |
| 56 The Smithy on the "Fram"  | 74 A curdled Sea  |
| 57 The men who were afraid of frightening the bear                                 | 75 Crossing a crack in the Ice                                    |
| "Off steals Blessing on tiptoe"  | 76 We reach the open water, 1895                                  |
| 58 Sverdrup's Bear Trap  | 77 Walruses   |
| 59 "It was strange once more to see the moonlight playing on the cold black waves" | 78 Sailing along the coast  |
| 60 Reading the Anemometer  | 79 Our Winter lair  |
| 61 Observing the Eclipse of the Sun, April 6, 1894                                 | 80 Fossil Plants from Franz Josef Land                            |
| 62 Drift-Ice in Summer   | 81 Mr. Jackson at Elmwood   |
| 63 Rhodostethia Rosca  | 82 Arrival at Hammerfest  |
| 64 Home sickness   | 83 Pressure Mound near the "Fram"                                 |
| 65 Blessing fishing for Algae  | 84 The "Fram," June 22, 1895                                      |
| 66 Skeleton of a Kayak for one man   | 85 Channel astern of the "Fram"                                   |
| 67 A summer evening, July, 1894  | 86 Lars Pettersen on Snow Shoes                                   |
| 68 A Snowshoe Excursion, October, 1894   | 87 The Members of the Expedition after their return to Christians |
| 69 In line for the Photographer  | 88 Preliminary Map of the Route of the "Fram"                     |
| 70 A most remarkable Moon  | 89 Map of Franz Josef Land  |

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Copied from the Coloured Illustrations in "Farthest North."

- |  |   |
|--|---|
| 120 Walruses killed off the East Coast of the Taimyr Peninsula, September 12, 1893             | 127 Light Phenomena in the Polar Night, November 28, 1893                             |
| 121 Sunset off the North Coast of Asia, North of the Mouth of the Chatauga, September 13, 1893 | 128 The Polar Night, November 24, 1893  |
| 122 Off the Edge of the Ice—Gathering Storm, September 14, 1893                                | 129 Moon Ring with Mock Moons, and a Suggestion of Horizontal Axes, November 24, 1893 |
| 123 Evening among the Drift-Ice, September 22, 1893  | 130 Moonlight Phenomena at the beginning of the Polar Night, November, 1893           |
| 124 At Sunset, September 22, 1893  | 131 Streamers of the Aurora Borealis, November 28, 1893                               |
| 125 The Waning Polar Day, September 22, 1893   | 132 Ice near the "Fram," July 4, 1894   |
| 126 Moonlight, November 22, 1893   | 133 Aurora Borealis, October 18, 1894   |



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- 6 Nelson's Last Signal
- 7 Reception on Board the "Resolute" by Captain Hartstein
- 8 Austin's Sledging Expedition
- 9 "Prince Albert," Melville Bay
- 10 "Erebus" and "Terror" on Beechy Island
- 11 Ship "Fox" at Aberdeen
- 12 Map, Parry's Discoveries
- 13 The "Fox" in Lively Harbour
- 14 Icebergs, Daylight Scene
- 15 "Moonlight"
- 16 "Aurora Effect"
- 17 "Floating"
- 18 Ship "Fox" Wintering in Pack
- 19 Aurora, Reindeer Sledge
- 20 Encounter with Bruin and Cubs
- 21 Funeral of Officer on the Ice
- 22 Mirage in Arctic Regions
- 23 Cookt Saus
- 24 Cutting into Winter Quarters

- 25 "Fox" steaming out of Pack
- 26 Removing Stores from Wreck
- 27 Icebergs, Bears, Seals, and Foxes
- 28 Greenlander's Supper Stolen
- 29 Greenland Whalers
- 30 Harpooning Whales
- 31 The "Fox" on Buchanan Island
- 32 Reindeer Shooting
- 33 Esquimaux Village
- 34 "Aurora Effect"
- 35 How to Shoot the Seal
- 36 Seal Spearfishing
- 37 McClintock in Bellot's Strait
- 38 Lieut. Bellot and the Sailors
- 39 Map of Bellot's Strait
- 40 Group of Walrusen on Iceberg
- 41 Chase of the Walrus
- 42 Dog Sledge, leap at full speed
- 43 Battle with King of Frozen Sea
- 44 Departure of Exploring Party
- 45 Building of Snow Huts
- 46 An Esquimaux Family
- 47 "Terror" thrown up by Ice
- 48 McClintock's Interview
- 49 Cairn at Cape Herschel
- 50 Opening Cairn at Point Victory
- 51 Franklin Record, Facsimile of
- 52 The Franklin Relics

## 1875 Expedition.

- 53 Portsmouth Harbour, May, 1875
- 54 "Discovery" with Dog Sledge
- 55 Map, highest latitude reached by "Alert" and "Discovery"
- 56 "Pandora" in Ice, Melville Bay
- 57 "Cruising in Pack"
- 58 "Beating up for Carey Isls."
- 59 "Discovers Nares's Cairn"
- 60 "Stopped off Cape Prescott"
- 61 Cutting a way through the Ice
- 62 "Alert" in Discovery Bay
- 63 "Capt. Nares 'on look-out' from the Crow's Nest"
- 64 "at her Winter Quarters"
- 65 "Discovery," Winter Quarters, on the "look-out"
- 66 Lieut. Beaumont and Dr. Copinger's Sledge Expedition
- 67 Hauling a Sledge to Depot
- 68 "Alert" Sledge Party making a Push for the North Pole
- 69 Road to N. Pole, Palmerystic Ice
- 70 Road to the Pole Blocked
- 71 "No Thoro'fare," Effect for 70
- 72 "Alert" nipped at Cape Beechy
- 73 "Pressed on the Shore by Ice"
- 74 "Homeward Bound"
- 75 Portsmouth Harbour, Nov., 1875

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- 2 Looking up a Canyon, Tauntera
- 3 Forest Scene near Papeete
- 4 Canyon and River Scene, Teravau
- 5 Native Family and Home
- 6 Captain Cook's landing place, Mataval Bay
- 7 Tahiti Type of Man
- 8 "Type of Girl"
- 9 Native Girls with Garlands of Flowers on their heads
- 10 Forest Scene near Papeete
- 11 River Scene, lowlands near Papeete
- 12 Approach to Village, showing Breadfruit, Banana, Cotton, and Orange Trees
- 13 A Tropical Storm approaching
- 14 Native Woman
- 15 Native Woman with Garland of Flowers
- 16 River Scene, Teravau
- 17 Stone planted by Captain Cook at Point Venus
- 18 Native Group singing hymencee
- 19 Camp in the Mountains, Viacarea

## Morea.

- 20 Cook's Bay, Aaracoe
- 21 River Scene, Pohatumao

## Marquesas.

- 22 Sacred Banyan Tree under which Human Victims were killed and cooked until the occupation of the Islands by the French. The remains of the oven are still visible

## Japan.

- 24 Gateway, Temples of Shiba
- 25 Interior of Temple, Temples of Shiba
- 26 Nikko, The Endless Statues
- 27 Private house and garden
- 28 Buddha & Grounds, Kamakura
- 29 Stone passage and stairway in wood leading to tomb of Shogun, Nikko
- 30 Continuation of same passage
- 31 Fishing boat and woman, Kamakura
- 32 The Great Bronze Buddha
- 33 Entrance Gates, Temples of Shiba
- 34 Public Temple, Tokio
- 35 Tomb of Wives of the Shogun
- 36 Temple of Shogun, Nikko
- 37 "for Nobles, Tokio
- 38 Tomb of Shogun, Temple of Shiba
- 39 Gateway to Public Temple, Tokio
- 40 Chinese Gate, Nikko

## India.

- 41 Agra, The Gem Mosque
- 42 "The Pearl Mosque
- 43 Tomb of Mumtaz Zuhanna (The Light of the World) at Taj Mahal
- 44 Gardens of the Taj Mahal
- 45 Hindoo Widow
- 46 Taj Mahal, from the River
- 47 Looking towards Agra, from the roof of Taj Mahal
- 48 Marble Bath and Fountain in the Harem of Shah Jehan
- 49 Audience Hall of Shah Jehan

- 50 View on the Jumna River
- 51 Marble Carvings in the Taj Mahal
- 52 Harem of Shah Jehan
- 53 View of Bathing Ghats on the
- 54 Pearl Mosque, Agra [Jumna
- 55 Pleasure Fishing Quadrangle, Palace of Shah Jehan

## America.

- 56 Newly-married Couple—Sarssee Indians
- 57 Indian Chief and Squaw—Sarssee Tribe
- 58 "Rock of Ages," Niagara Falls
- 59 Rapids above the Falls, looking up
- 60 Niagara Rapids, looking across
- 61 Indian Encampment on the Prairie, showing Chiefs, Kraal, Squaw, and Papoose

## Venice.

- 62 Byways of Venice
- 63 " "
- 64 " "
- 65 " "
- 66 " "
- 67 " "
- 68 " "

## Egypt.

- 69 The Second Pyramid
- 70 The Great Pyramid and Sphinx

## China.

- 71 The Great Temple of Canton—Interior

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- |                               |                                |                                   |
|-------------------------------|--------------------------------|-----------------------------------|
| 1 Marseilles: P. & O. Quay    | 12 Port Said, Drawing near     | 23 Ismailia: Bringing off Passen- |
| 2 Genoa: Monument to Christo- | 13 " The Pilot coming off      | gers                              |
| 3 " The Dome of the           | 14 " S.S. "Orestes" sank       | 24 Suez Canal: A Station and a    |
| Campo Santo                   | in Canal, causing delay        | few miles beyond                  |
| 4 " Righi Mountain: The       | of three days (1899)           | 25 " Arab Village: One end        |
| Old Fort                      | 16 " Main Street               | of Palestine Caravan              |
| 5 Port Said                   | 16 " An Egyptian Street        | Route                             |
| 6 " Arabs coming off in       | 17 " The Front Drive           | 26 " Sunset: Bitter Lake          |
| barges to coal ships          | 18 " A Dahabeah                | 27 " "There is not much           |
| 7 " Officers of the Suez      | 19 " Donkey                    | room to pass"                     |
| Canal Co.                     | 20 " Goat                      | 28 Aden: The Rock from off        |
| 8 " The Khedive's Yacht       | 21 Cairo Express: Showing wave | Steamer Point                     |
| 9 " Canal Offices             | made by steamer                | 29 " Bum Boats (from deck)        |
| 10 " Cricket Match: Town      | 22 Dutch Mail Steamer: One of  | 30 " The P. & O. Ferry            |
| and Ship                      | the seventeen vessels held up  | charging ships for                |
| 11 " Coaling: The most        | in the Great Bitter Lake by    | Bombay                            |
| rapid process of a            | sinking of the "Orestes,"      |                                   |
| continuous string of          | 1899                           |                                   |
| hasket carriers               |                                |                                   |

## INDIA.

- |                                   |                                  |                                 |
|-----------------------------------|----------------------------------|---------------------------------|
| 31 Bridge across the Rengunt into | 42 Ceylon, Kandy, Entomologists' | 56 Ceylon, Mt. Lavinia. Fishing |
| Sikim, 510 ft. long, 104 ft.      | Paradise                         | Boats running near Mt.          |
| above water, 5 ft. wide           | 43 " " Ricksha and               | Lavinia                         |
| 32 Ceylon. An Ocean Straggler:    | Natives                          | 57 " Colombo Lakes: A Cin-      |
| The Indian Ocean                  | 44 " " Buddhist Priests          | galese Gharri                   |
| 33 " Galle Face Hotel,            | with Palm leaf                   | 58 " " Round the                |
| Tomasha: Wallah                   | smashed                          | Lakes in a                      |
| snake charming                    | 45 " " Enveloping a              | Ricksha                         |
| 34 " The Natives' Hansom          | Butterfly for                    | 59 " " Galle Face               |
| Gah                               | preservation                     | Hotel,                          |
| 35 " Coming down with             | 46 " " Native Cingalese          | Tomasha:                        |
| Cocoanuts                         | Servants                         | Wallah (con-                    |
| 36 " Kandy: Lake Road             | 47 " " The largest White         | juror) Fire                     |
| 37 " " Peradeniya Gar-            | Elephant                         | eating                          |
| dens: A Palm                      | 48 " " White Cotton              | 60 " " Refuse Carts             |
| Avenue                            | Tree                             | and Eastern                     |
| 38 " " Peradeniya Gar-            | 49 " " Talpot Palm:              | Scavengers                      |
| dens: <i>Ficus</i>                | 1st Stage                        | (Crows), taken                  |
| <i>Elastica</i>                   | 50 " " Coconut Palm              | before 6 a.m.                   |
| 39 " " Climbing for Co-           | 51 " " Travellers Palm           | 61 " Goa: The Ancient City,     |
| cocoanuts                         | 52 " Mount Lavinia:              | Main Street                     |
| 40 " " Fakir outside              | Cingalese Children               | 62 " Okay Tea Factory: All      |
| Temple of                         | 53 " " The beautiful             | the land across the             |
| Buddha's Tooth                    | Coastline                        | stream is Nepal, we             |
| 41 " " Anthill in Garden          | 54 " " Fishing Boats             | are not allowed to              |
| of Florence Villa                 | 55 " " Fleet                     | cross the stream                |

## CEYLON (INDIA).

- |                          |                               |                          |
|--------------------------|-------------------------------|--------------------------|
| 63 Colombo, Main Street. | 64 Colombo, A Cingalese River | 66 Kandy, View of Adam's |
|                          | Scene.                        | Peak, Lady Horton's      |
|                          |                               | Drive.                   |

## SIAM.

- |                             |                                   |                                |
|-----------------------------|-----------------------------------|--------------------------------|
| 66 Aynthia: The Town        | 74 Aynthia: An Elephant Hunt in   | 82 Bangkok: Entrance to the    |
| 67 " The Launch of the      | Siam. Securing the Captives       | Government Museum              |
| Grand Duke Boris of         | 75 Aynthia: Ditto The Elephant in | 83 " "Flame of the Forest"     |
| Russia                      | the Paniet or Corral              | Avenue                         |
| 68 " An Elephant Hunt in    | 76 Bangkok: Capital City of       | 84 " Prince Boris of Russia    |
| Siam: A few of the          | Bangkok from the top              | driving about                  |
| Herd of 470                 | of Wât Sam Blum                   | 85 " The Chinese "Sam-         |
| 69 " Ditto Wild Elephants   | 77 " Main entrance to Palace      | pong," or quarters             |
| at close quarters           | 78 " The War Department           | 86 Bang-Pa-in: The King's      |
| 70 " Ditto An infuriated    | Buildings and Military            | Chinese Palace                 |
| Elephant charging           | College                           | 87 Emperor's Palace            |
| the posts                   | 79 " Wât Po: Ornamental           | 88 English Cannon, taken by    |
| 71 " Ditto A cow Elephant   | Pyramids                          | Shan natives in Siam: this     |
| and its Calf                | 80 " " The Guardian               | cannon is of native design     |
| 72 " Ditto General View of  | of the Gate                       | 89 Launch lent by the Prime    |
| Paniet                      | 81 " Another view of the          | Minister on the River Menam    |
| 73 " Ditto The Herd through | "Menam" from Wât                  | 90 Packnam: The River Menam    |
| the dust                    | Saket                             | 91 Inside the Kraal: Filing up |
|                             |                                   | (Elephants)                    |

JAVA

- |     |                               |     |                              |     |                                |
|-----|-------------------------------|-----|------------------------------|-----|--------------------------------|
| 92  | Batavia: Prince Heinrich Fort | 101 | Garoot: River, showing Bam-  | 107 | A Cariboo                      |
| 93  | " Secretary Street            |     | boo Raft                     | 108 | Skull of Peter Elberfeld, be-  |
| 94  | " Streets: Showing Elec-      | 102 | " Bridge made entirely by    |     | headed for treason; this skull |
|     | tric Trams and dos & dos      |     | natives                      |     | is doomed to remain fixed on   |
| 95  | Buitenzorg: The Governor's    | 103 | " Wood Carriers              |     | the bayonet until the wall     |
|     | Palace                        | 104 | Papandajian: The Crater,     |     | crumbles away: it has been     |
| 96  | " Ditto In the Grounds        |     | Mount Papandajian, is        |     | on for a century or more       |
| 97  | " Royal Botanical Gar-        |     | an active Volcano            |     | already. The stone beneath     |
|     | dens: Palm Avenue             |     | 9,800 feet high              |     | contains a warning in three    |
| 98  | " Dutch Warship: "Piet        | 105 | " Pure Sulphur in the        |     | native languages to the effect |
|     | Hein" (Guardship)             |     | Crater of Papandajian        |     | that any future traitor will   |
| 99  | Garoot: Preanger, native      | 106 | Paddi Field: Bamboo Clumps   |     | receive the same treatment     |
|     | " Sawah" or village           |     | and Cariboo in flooded Paddi | 109 | Buitenzorg (View), Nature in   |
| 100 | " Mount Krataj: active        |     | Field                        |     | Tropics                        |
|     | Volcano and Hot Lake          |     |                              |     |                                |

110 Manchurian Alps: taken from train at 10-15 miles distance	115 Chifoo: Roadstead	190 Pekin: Water Gate, showing branch made by
111 Manchuria: Fort Arthur	116 Pekin: Street scene	191 " " British Relief Force
112 " " New Town	117 " " New Defences of the British Legation	191 " " The Temple of Heaven
113 " " The only Hotel, showing Russian Droschki	118 " " "Hotel de Pekin" in the Boulevard des Italian	192 " " A Chinese Policeman
114 Chifoo: The Hotel and Church	119 " " One of our Coolie Boys	193 " " Hauling Water in Wicker Baskets
		194 " " Marble Gate to Temple

125	Fuji Jama Rapids: Ready to descend	129	Motsu Lake: A Typical Scene	133	Nara, Daibutsu Temple.
126	" " Looking across the Crater, a distance of 3 miles	130	Nikkagawa Valley: A lovely spot	134	Nikko, Entrance to Temple.
127	Kyoto: The Ricksha Stand	131	Nikko: The famous Red Lacquer Bridge	135	" " The Red Lacquer Temple.
128	" " A Street Scene	132	On the Slopes of Fuji Yama.	136	Crowd at Gion Matsuri Festival.
				137	Outside Tokio Station (Jinricksha).

138 Honolulu: Executive Buildings and Kamehameha's Statue	144 Kaula, Kekaha: In the Plantation	149 Kaula, Kekaha Mill: The Sugar Boilers
139 " Fort Street	145 " " A "Luna" or Overseer superintending in Sugar Plantation	150 " " The Plantation Railway
140 " Post Office	146 " " Putting Seed Cane into bags	151 " " Two Cowboys
141 " Pumping Station, Ewa Plantation	147 " " Stripping Seed Cane	152 " Makaweli Mill (Hawaiian Sugar Co.)
142 Kaula, Hanapapa Gulch: Chinamen planting rice	148 " " Mill: The Cane Elevator	153 " Prickly Pear
143 " Nawiliwili Rice Patch and Roadstead		154 An Engine and Observation Carriage on Oahu Railway
		155 Hawaiian Girl
		156 Honolulu, Back View of Hawaiian Hotel

157 Macassar: Fort Rotterdam	159 Macassar: "Het Hoot Wey," a fine Avenue, $1\frac{1}{2}$ miles long	160 Macassar: Street over 400 years old
158 " Protestant Church		161 " 400 years old

163 New Guinea: Means of Transport	163 New Guinea: Three Native Girls	164 New Guinea: Natives of the Myoko Island
------------------------------------	------------------------------------	---

165 New Britain Herbertshöhe: Natives and Cane	166 New Britain Herbertshöhe: A New Guinean Palm Grove
---	---

NEW SOUTH WALES.

- |  |                  |  |  |
|--|------------------|--|--|
| <p>167 The Blue Mountains (near<br/>Katoomba)</p> <p>168 " " In the Park : A<br/>well-known spot</p> <p>169 " " Coach to Jenolan's<br/>Caves</p> <p>170 Bondi Beach : Favourite resort<br/>near Sydney</p> <p>171 Cocowva : From across the<br/>Murray Flats</p> <p>172 " The River Murray in<br/>March</p> <p>173 " Looking across the<br/>Murray Flats</p> <p>174 " Load of Wool</p> <p>175 Jenolan Caves : Cave House<br/>and the Hollow, taken<br/>from Hillside</p> | NEW SOUTH WALES. | <p>176 Jenolan Caves : The 200 ft.<br/>opening to Devil's<br/>Coach House</p> <p>177 " Picking, a 100 yards<br/>inside the Devil's Coach House.<br/>The Dome is 250 feet</p> <p>178 Katoomba : The Explorer's Tree</p> <p>179 Sydney and Harbour : from top<br/>of Australia Hotel</p> <p>180 " Castlereagh Street</p> <p>181 " Elizabeth</p> <p>182 " S. Mary's,<br/>R.C. Cathedral</p> <p>183 " The Australian Club :<br/>The best Club in the<br/>Continent</p> | <p>184 Sydney : Building in Circular<br/>Quay, a large wool<br/>warehouse</p> <p>185 " Typical Australian<br/>Buggy, outside G.P.O.</p> <p>186 Typical Bush Accommodation<br/>Paddock</p> <p>187 A Sun Downer or Swagman</p> <p>188 The King and headman</p> <p>189 Lubras and their Wurlies</p> <p>190 " " " "</p> <p>191 " " " " Closer<br/>view. The old lady with curly<br/>hair is, or was, the Queen.</p> <p>192 Hargreaves View, Katoomba</p> <p>193 Mt. Lonely, Blue Mountains</p> |
|--|------------------|--|--|

## SCENES IN MANY LANDS—Continued.

## VICTORIA.

- 194 Alhany, from the Harhour  
 195 Bendigo: Shamrock Hotel and Park Mine  
 196 " Shaft of Gold Mine in centre of City  
 197 " Shaft Head Garden Pulley Mine  
 198 " Garden Gully Gold Mine

- 199 Flemington Race Course: Committee and Weighing Room  
 200 Melbourne: Colline Street (looking East)  
 201 " Zoo: Stanley Cranes  
 202 " " Flamingoes  
 203 " " The Flamingo Pool, the favourite spot

- 204 Melbourne Zoo: This  
 205 " " Kangaroos and Model of 12 ft. progenitor  
 206 " " Ostrich Paddock  
 207 " " Black Swans  
 208 Rutherglen: Gold Mine, showing wash out

## SOUTH AUSTRALIA.

- 209 Adelaide: Parliament Buildings  
 210 " Town Hall and Post Office  
 211 " King William Street  
 212 " " showing Post Office and Town Hall in distance  
 213 " The Adelaide Club (on left)  
 214 " Ringle Street  
 215 " Typical Street Scene  
 216 " Statue of H.M. Queen Victoria in Victoria Park

- 217 Adelaide: Mount Lofty, from tower of S.A.G.L. Asylum  
 218 " Male Criminal Ward S.A.G.L. Asylum  
 219 " Indian Sacred Ox  
 220 Augusta: The Township  
 221 Point McLeay Blacks, Port Victoria, S. Australia. They are almost extinct now  
 222 Ringed Gnu (killed by man)  
 223 Seppeltsfeld: Barrels of Vinegar awaiting transport

- 224 Seppeltsfeld: The Homestead  
 225 Flamingoes  
 226 Emus  
 227 Adelaide, Government House and a Squadron of Colonial Troopers.  
 228 " Parliament Buildings, Front View.  
 229 " The South Australian Hotel.  
 230 Angaston.

## WESTERN AUSTRALIA.

- 231 Fremantle: M.S. "Bremen," of N.D.L. Co., alongside the Wharf

- 232 Fremantle  
 233 Perth

- 234 A Street in Perth

## MEXICO.

- 235 Amoca-Meca, at the foot of Popocatepetl, 8,000 feet  
 236 El Paso: The Frontier Town  
 237 Glorieta: A monument to Cuatemooc, a great Mexico Aztec Warrior and nephew to Monteguma  
 238 Guadalupe: The Cathedral  
 239 " The Stone Sails

- 240 Tzacelhuatl Mountain, 17,078 feet high. Taken at 15,000 ft. altitude on side of Popocatepetl at 6.15 a.m.  
 241 Mexico City: The Presidential House  
 242 " The "Iron Horse" Statue of Charles IV. of Spain

- 243 Popocatepetl on the summit, 17,983 feet above the sea level  
 244 Silao: Drove of "Burros" with their "Moyo" or Driver  
 245 A Peon  
 246 A Bull Fight  
 247 Queens of the Arena  
 248 The City of Mexico  
 249 Guadalupe, The Cathedral

## UNITED STATES OF AMERICA.

- 250 California. Los Angeles: A Home of Rest  
 251 " " Searchlight Hill  
 252 " " Spring Street  
 253 " " "  
 254 New York: Broadway  
 255 " Madison Square  
 256 " The St. Paul's Building, the highest in the world, 36 floors

- 257 New York: The Flat Iron Building  
 258 " Ditto looking up  
 259 " Ditto hack from Broadway  
 260 Niagara: American Falls, from a rock on edge of Falls  
 261 " From Goat's Island: The Rapid above the Falls

- 262 Niagara: Horse-Shoe Falls  
 263 " Panorama  
 264 San Francisco: The "Examiner" Building  
 265 " Kearney Street  
 266 " A Street  
 267 " A Train-Ferry  
 268 California: Los Angeles, A Street

## CANADA.

- 269 Banff: The Bow Valley  
 270 " Bow River Falls  
 271 " C.P.R., Ltd.: Express passing through Banff at 60 miles an hour  
 272 " A Petroleum trolley running 25 cts. a time between Banff and Logan  
 273 " Cascade Mt., 9,000 feet circa.  
 274 Great Rocky Mountain Glacier, with the Peak of Mount Sir Donald; the Glacier is seven miles away as the crow flies  
 275 Grizzly Mountain and the Three Glaciers, from the train  
 276 Niagara Rapids below the Falls. The wave in which Captain Wehh was last seen

- 277 Okanagan Lake: The "Aberdeen," sternwheeler, on Lake Okanagan  
 278 Toronto: A Street  
 279 Vancouver: Town  
 280 " C.P. Railway Station  
 281 " End of the C.P. Railway. The limited Express about to start  
 282 " Island Courchan Lake, Cottonwood Camps  
 283 " Ditto A favourite resort for people visiting Victoria. View from Tent down Wolf Camp  
 284 " Ditto  
 285 " Ditto The Boathouse at Lake Side Hotel

- 286 Victoria: S.S. "Avrangi" in Dock  
 287 " New Government Buildings, 1897  
 288 " Harbour: A gigantic 21-rayed Sun Star caught in Victoria Harbour  
 289 " Salmon Rushes in water  
 290 Esquimalt Nanaimo Railway Engine  
 291 R.M.S. "Mowera," Canadian-Australian Line: Quarter Deck, Quartermaster Mr. Turner  
 292 The Double "S" Trestle Bridge, C.P. Railway

- 293 The Eights Races, Oxford

- 294 The Eights Races, Oxford

- 295 A Typical College Barge

## SCENES IN MANY LANDS—Continued.

## FRANCE.

296 Aigues Mortes, The Main City Gate.	304 Calais, The Railway Station.	311 Montpellier, A Scene on the Oez, showing old and new bridges.
297 " The Gateway across the Marsh.	305 Marseilles, The City Cathedral.	312 " The Southern Express on the P. L. and M. Railway.
298 " The Tower of Constance.	306 " Notre Dame de la Gare Cathedral.	313 Nîmes, The Coliseum, Interior.
299 " The Line of Battlements from the Tower of Constance.	307 " Le Golieth (Quay).	314 " The Coliseum, Interior, showing Exit.
300 " The Castle Chimneys.	308 " Wine awaiting Shipment, Cathedral in background.	315 " The Roman Bath.
301 Arles, Exterior of a Roman Coliseum.	309 " P. and O. s.s. "Arcadia" leaving.	316 Paris, Notre Dame Cathedral, from S.E.
302 " Interior of a Roman Coliseum.	310 Montpellier, The Greatest Aqueduct in the World.	317 " The Famous Maison Carvée, after which the Madeleine was built.
303 " Remains of Roman Theatre and the Saracen's Tower.		

## SPAIN.

318 At a Bull Fight, Bull Charges the Horseman.

319 At a Bull Fight, Fixing the Banderillos.

## ITALY.

320 Genoa from the Sea.

321 Vesuvius at Sunset.

322 On the Banks of the Suez Canal.

323 Arab Children at Port Said.  
324 Aden, Camels at.325 Aden, The "Tanks."  
326 " Somali Hawkers.

## PHOTOGRAPHY IN NATURAL COLOURS.

Messrs. NEWTON are prepared to make Slides of Natural Objects by the various colour processes, such as the Autochrome, the Thames Plate, and Sanger Shepherd. Examples of this work in such subjects as Flowers, Still Life, Landscapes, Sunsets, &c., are kept in stock.

A New Series of Natural Colour Slides—copies of many of the most famous pictures in the Louvre and the Luxemburg—in course of preparation, price 5s. each. List on application.

## XS THREE-COLOUR PHOTOGRAPHY.

This is a new series of Slides, photographed for use with the Photochromoscope described on page 53 of our Lantern Catalogue, showing the principles of three-colour photography.

*Sets of Three Pictures in wood frame, 5s. the set.*

- 1 Vase of Flowers, Daffodils.
- 2 Cineraria.
- 3 Vase of Chrysanthemums.
- 4 Primula.
- 5 Hyacinths.
- 6 Vase of Flowers, Tulips, Daffodils, and Roses.
- 7 Vase of Flowers, Daffodils, Roses, Double Daffodils, and Tulips.
- 8 Vase of Flowers, Daffodils, Tulips, and Roses.
- 9 Vase of Flowers, Carnations.
- 10 Vase of Flowers, Lilies of the Valley.
- 11 Blue Iris.
- 12 Red Fuchsia.
- 13 Blue and White Fuchsia.

- 14 Various Coloured Cannas.
- 15 Gloxinia.
- 16 Plate of Oranges and Apples.
- 17 Overturned Basket of Fruit, Apples, Oranges, and Bananas.
- 18
- 19 Vegetables, Celery, Cabbage, Turnips, and Carrots.
- 20 Overturned Basket of Vegetables, Cauliflower, Cabbage, Celery, and Carrots.
- 21 Savoy, Celery, Carrots, and Turnips.
- 22 Cabbage, Tomatoes, Cucumber, Sea Kale.
- 23 Savoy, Cauliflower, Rhubarb, and Carrots.

- 24 Butterfly, Life History of the Swallowtail.
- 25 " Painted Lady.
- 26 " Indian.
- 27 Life " History of the Privet Moth.
- 28 Red Admiral Butterfly.
- 29 Life History of the Goat Moth.
- 30 Japanese Fan.
- 31 Set of Three Japanese Fans with a Vase.
- 32 Japanese Fan and Vase.
- 33 A Dish of Fancy Sweets.
- 34 Opal In-metric.
- 35 " Sweet Captivity " (" Illustrated London News").
- 36 " His Ship in Sight."

# ON STEREOSCOPIC PICTURES.

SHOWN WITH THE LANTERN BY THE "NEWTONIAN" SYSTEM.

*Patent Applied for.*

AFTER a considerable amount of experiment, Messrs. NEWTON & Co. have arranged a very successful system of showing slides *stereoscopically* with any ordinary Biunial or other dissolving lanterns. The details of the pictures stand out with wonderful stereoscopic effect, and the system is so simple that a few pictures can be shown in this way at any moment during an exhibition mainly composed of ordinary slides without in any way disturbing the arrangements of the lantern. A few stereoscopic pictures introduced occasionally during a lecture would be exceedingly effective, and would greatly interest an audience. (See "The British Journal of Photography," January 10, 1896.)

One picture is to be put in each Lantern and focussed on the screen, the pictures should be registered on the screen as near as possible and then viewed through the spectacles, which must be held in the right hand.

On looking at the screen through the spectacles the various objects in the picture all stand out in strong stereoscopic relief, giving a most marvellous appearance of distance and reality to the scene.

No alteration whatever need be made in the Lantern, and the slides will fit any ordinary carriers.

The pictures should not be shown more than eight feet in diameter with limelight.

Stereoscopic projection either with electric arc light or lime-light makes a most attractive side show at a conversazione or bazaar, and a very inexpensive one, as any ordinary Biunial lantern can be used. It has already been exhibited at many of the principal scientific soirées this year.

The effect is obtained by using an ordinary pair of glass stereoscopic pictures, showing one in each lantern, one through a green and the other through a red glass. These colours are very carefully selected, so that the green cuts practically all the red light out of the spectrum, and the red in the same way cuts out the green.

There are thus two pictures on the screen, one red and one green, and when the observer looks through a pair of spectacles having one glass green and the other red he sees one picture only with each eye. With the right eye he sees only the right-hand picture, and with the other only the left-hand picture, and these being superposed on the screen give the usual effects of stereoscopic vision.

A large selection of suitable pictures bound up with red and green glasses per pair .. .. .	3s. 6d.
Hand frames containing red and green glasses for looking through to observe the pictures, per pair .. .. .	1s. 6d.
Ditto, per dozen pairs .. .. .	15s. 0d.

## OO RACKWORK AND OTHER MOVING EFFECTS FOR A SINGLE LANTERN.

THESE SLIDES ARE ALL MOUNTED IN MAHOGANY FRAMES.

- |   |         |
|---|---------|
| 1 Acrobat Revolving on the Horizontal Bar .. .. .   | £0 10 6 |
| 2 Aquarium. Glass Globe on a Table with Fish Swimming .. .. .   | 0 10 6  |
| 3 Beadle in full dress, carrying Flag, which changes to 14 Flags of various Nations. New improved spring piston frame .. .. . | 1 10 6  |
| 4 Bee-hive. Numbers of Bees flying about the Hive .. .. .   | 0 10 6  |
| 5 Bolton Abbey. Moon rises, Ruins lit up. Lever Slipping Slide .. .. .  | 0 10 6  |
| 6 Canadians' Skating Rink. New Slow motion frame .. .. .  | 3 10 0  |
| 7 Cat angry Raising her Back and Tail .. .. .   | 0 7 6   |



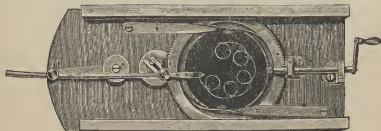
No. 8.

- |  |        |
|--|--------|
| 8 Chameleon Top Slide. The Rotation causes the Chameleon slowly to Change Colour .. .. . | 0 12 6 |
|--|--------|



No. 9.

- |  |        |
|--|--------|
| 9 Choreutoscope. A Dancing or Moving Figure Slide, with one slide of six figures .. .. .   | 1 10 0 |
| 9a Extra Slide of Six Figures for Choreutoscope .. .. .  | 0 10 6 |
| 10 Choreutoscope, as above, with One Slide of Eight Figures .. .. .  | 1 15 0 |
| 10a Extra Slide of Eight Figures for Choreutoscope .. .. .   | 0 12 6 |
| 11 Chromatope with Acrobat on the Trapeze .. .. .  | 0 12 6 |
| 12 Chromatope with Motto. "Good night," "Silence," or "Welcome" .. .. .  | 0 10 6 |
| 13 Crossing the Atlantic. Steamer rolling, Panorama of Steamers and Vessels passing and repassing, eccentric motion to Waves .. .. . | 2 10 0 |
| 14 Curtain Frame. Giving the effect of a Curtain being raised in front of the Picture .. .. .  | 0 4 6  |



No. 15.

- |  |        |
|--|--------|
| 15 Cycloidotrope, a Mechanical Slide, which, by turning a Handle, traces a large number of Geometrical Designs on the Screen .. .. .                 | 1 10 0 |
| Coloured Varnish for ditto, per bottle .. .. .   | 0 1 0  |
| 16 Dover to Calais. Steamer Crossing Channel, eccentric motion to Waves, Steamer leaves Harbour, Panorama of Open Sea, Arrive at Calais Pier .. .. . | 2 10 0 |

## RACKWORK SLIDES—Continued.

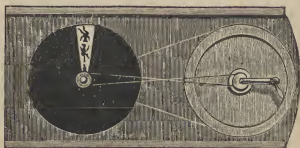


No. 17.



No. 23.

- |  |        |
|--|--------|
| 17 Eidotrope. Two rackwork revolving perforated metal discs, giving a great variety of patterns .. .. .  | £0 8 6 |
| 18 Folkestone to Boulogne. Steamer crossing Channel, Leaving Port, Pitching in open Sea, Paddles revolving, Arrival at Boulogne.. .. .                       | 2 10 0 |
| 19 Fountain. Beautiful Majolica Fountain with Water playing, very effective .. .. .  | 0 10 6 |
| 20 Girl Playing Shuttlecock. Double lever movement .. .. .   | 0 10 6 |
| 21 Glass Globe of Fishes. Surrounded by Chromatrope. Moving Fishes.. .. .  | 0 10 6 |
| 22 Glastonbury Abbey. Moonrise, Ruins lit up, Lever Slipping Slide .. .. .   | 0 10 6 |
| 23 Kaleidotrope of perforated metal, giving various designs when revolved, 5s., or with extra metal disc .. .. .   | 0 6 0  |
| 24 Lifeboat. The Launch. Goes in a storm to Wreck, long Panorama of storm moving by rackwork, Wave motion to Boat. Arrives at Wreck .. .. .                  | 2 5 0  |
| 25 Lighthouse. Day, Ships and Steamers passing. New slow screw-motion frame .. .. .  | 1 1 0  |
| 26 Lindisfarne Priory. Moonrise, Ruins lit up, Lever Slipping Slide .. .. .  | 0 10 6 |
| 27 Man with changing Heads. Fourteen different Comic Heads. New spring piston frame .. .. .  | 1 10 0 |
| 28 May-Day. Moving Procession of Children in fancy dresses, with Jack-in-the-Green—People dancing round Maypole in distance. Slow screw motion frame .. .. . | 3 10 0 |
| 29 Moss Rose. Bud gradually opening to full flower. Rackwork slide.. .. .  | 0 10 6 |
| 30 Owl Flying. Wings flapping and moving Eyes .. .. .  | 0 7 6  |
| 31 Peak of Teneriffe. Daylight, Ships and Boats passing. New slow screw motion frame .. .. .   | 1 1 0  |
| 32 Railway Bridge over River, Trains crossing Bridge, and Boats passing on River. New slow screw motion frame .. .. .  | 1 2 6  |
| 33 Rat Slide. Man in Bed, gaping in his sleep; Rats running down his throat .. .. .  | 0 10 6 |
| 34 Rolling Wave Effect. View of the Needles, Isle of Wight, with constant movement of the Water, and Sea-birds flying over .. .. .                           | 1 1 0  |
| 35 Rolling Wave Effect. Sea View, with Icebergs, moving Ships, and rolling Waves .. .. .   | 1 1 0  |
| 36 Rolling Wave Effect. Scene on the Red Sea. Pharaoh and the Egyptians overthrown.. .. .  | 1 5 0  |



No. 37.

- |   |        |
|---|--------|
| 37 Wheel of Life, best quality, with one Design .. .. . | 0 12 6 |
|---|--------|

*Designs for above. Plain Slides, 1s. 6d. each.*

- \*1 A Trotting Horse
- \*2 Bird Flying
- \*3 Man Walking
- \*4 Goat Running and Jumping
- 5 The Bottle Imp
- 7 The Fisher
- 8 The Skaters
- 9 Man Running up a Ladder

- 10 The Acrobat
- 11 Man in a Tub
- 12 Man Jumping
- 13 Tight Rope Dance

*Painted Designs, 2s. 6d. each.*

- 16 Passing it on—Eight Men with Seven Heads between them

- 17 Windmill with Sails revolving
- 18 Birds and Fishes
- 19 Jack-in-the-Box
- 20 The Cobbler
- 21 Jumping Jack

\* These are all from photographs from life



## RACKWORK SLIDES—Continued.

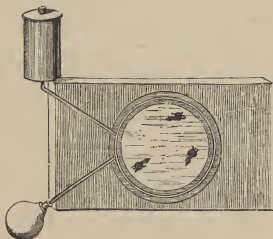


No. 40.



No. 42.

39	Watermill, Wheel Revolving, Summer Scene, Miller's House, &c.	..	..	£0	10	6
40	Windmill, Sails Revolving, Pretty Country Scene, Daylight, &c. (Fig. 40)	..	..	0	10	6
41	Windmill, Sails Revolving, Moonlight	..	..	0	10	6



No. 44.

- 44 The Witches' Dance. This is a very amusing Slide, coloured figures of witches on broomsticks dance and turn somersaults when the india-rubber ball is squeezed .. .. . 0 17 6

Put about 3 oz. of water into the brass cup and draw most of it into the india-rubber ball, in doing so the glass tank will become full; when the ball is full of water squeeze it and the figures will dance.

## 42. CHROMOTROPES, OR ARTIFICIAL FIREWORKS.

3 in. diam., 10s. each.

These ingenious and clever contrivances comprise a great variety of novel and elegant designs, and when put in motion in the Phantasmagoria Lantern, by means of the brass Rackwork, produce most astonishing and brilliant effects. These may be had in upwards of 80 different designs.

## 43. CHINESE FIREWORKS.

Consisting of one 3-inch Chromotrope with twelve different designs, such as Butterflies, Prince of Wales's Feathers, &c., in Box, 25s.

**OP MOVING EFFECTS FOR A SINGLE LANTERN.**

THESE SLIDES ARE ALL MOUNTED IN MAHOGANY FRAMES.

1 Aurora Borealis. Laplander on Moving Sledge drawn by Reindeer ..	£0 8 6
2 Bacharach, on the Rhine, with floating Timber Rafts .. ..	0 8 6
3 Bay of Naples. Daylight. Shipping moving in the Bay .. ..	0 8 6
4 Bay of Naples. Night Scene. Vesuvius in Eruption.. ..	0 8 6
5 Bell Rock Lighthouse. Daylight. Shipping passing .. ..	0 8 6
6 Bell Rock Lighthouse. Moonlight. Lighthouse lighted up, Shipping, etc.	0 8 6
7 Castle of Chillon. Pleasure Boats moving on Lake .. ..	0 8 6
8 Constantinople. The Golden Horn, with moving Shipping .. ..	0 8 6
9 Custom House, London, with moving Shipping in River .. ..	0 8 6
10 Derby Race Course. The Grand Stand. Jockeys on Horses passing ..	0 8 6
10A Derby Race Course, as above. Very delicately and beautifully hand-painted	2 10 0
11 Eddystone Lighthouse. Daylight. Ships passing .. ..	0 8 6
12 Eddystone Lighthouse. Moonlight. Lighthouse lighted up .. ..	0 8 6
13 Eddystone Lighthouse. Storm at Sea. Ships wrecked .. ..	0 8 6
14 Greenwich Hospital. Shipping floating past and a Balloon passing over..	0 8 6
15 Hampton Court Palace, on the Thames, with Boats .. ..	0 8 6
16 Lake of Como. Moving Boats on Lake .. ..	0 8 6
17 Lambeth Palace. Steamers and Boats moving on River .. ..	0 8 6
18 Lord Mayor's Procession on the River Thames in the Olden Time. State Barges passing up the River .. ..	0 8 6
19 Serenade. Boat on Water, rowing under Window of Castle. Lady comes out on Balcony .. ..	0 10 6
20 Ship in Storm, catches Fire, Boats with Passengers leaving .. ..	0 15 0
21 Skating. Frozen Lake. Winter Scene. Skaters passing .. ..	0 15 0
22 Sleighing in Russia. St. Petersburg, Sleighs passing on the Frozen Neva	0 10 0
23 Smugglers' Cave. Night Scene. Interior of Cave. Smugglers landing Cargo and carrying it into Cave .. ..	0 8 6
24 Stag Hunt at Windsor. Stag in sight, and Huntsmen and Hounds in full cry	0 15 0
25 Tower of London. With moving Shipping .. ..	0 8 6
26 Viaduct. Country Scene. Railway. Trains passing .. ..	0 8 6
27 Venice. Panorama View, with Gondolas passing .. ..	0 8 6
28 Venice, Rialto, with Gondolas on Canal .. ..	0 8 6
29 Waterspouts at Sea. Ship in distance. Waterspouts and Clouds passing	0 10 6
30 Windsor Castle from the Thames. Boats passing on River.. ..	0 8 6
31 Yeddo. Central Fort, from the Shore. Steamers and Boats passing ..	0 8 6

*Lever Slides and Comic Slips, see pages 505 to 507.***DISSOLVING PICTURES FOR DOUBLE  
PHANTASMAGORIA LANTERNS.****OO****THE GUARDIAN ANGEL.***A series of very beautiful Hand-Painted Subjects for Dissolving Lanterns.*

1 Night Scene: House in a City Street. House—lighted up	}	<i>The set, £6.</i>
2 Effect. Angel Carrying Child, Tapping on Window to be let in		
3 Angel Carrying Child to Heaven		
4 Child Asleep in Cradle	}	<i>The set, £3 10s.</i>
5 Effect. Angel watching over the Child		
6 Children playing on the edge of a Cliff. (Plockhorst.)	}	<i>The set, £3 10s.</i>
7 Effect. Angel protecting them		

## DISSOLVING PICTURES FOR DOUBLE PHANTASMAGORIA LANTERNS.

The undermentioned Sliders can only be shown by means of a pair of Lanterns fitted with the Dissolving apparatus, it being frequently necessary to exhibit both Lanterns at the same time. Atmospheric Phenomena, such as Rainbows, Lightning, Auroras, Snowstorms, &c., Eruption of Volcanoes, Fireworks, Illuminations, Swan swimming on the Water, and other beautiful and brilliant effects, can be produced in the most natural manner.

### OR DISSOLVING PICTURES.

THESE SLIDES ARE ALL MOUNTED IN MAHOGANY FRAMES.

1	Albert Hall, Royal Horticultural Gardens, Daylight. Night Scene, Hall and Gardens Illuminated .. .. .	4 slides	£1 15 0
2	Alpine Mountain Scene, with Mock Sun effect .. .. .	2 slides	0 12 6
3	Angels appearing to Shepherds at Bethlehem. Night scene, Shepherds watching Flocks, effect of Angels appearing and disappearing, the Star moving across the Sky, and stops over the Inn at Bethlehem .. .. .	3 slides	1 1 0
4	Avalanche, Canton of Ticino, Summer, Winter Scene, & Avalanche .. .. .	3 slides	1 2 6
5	Balloon Ascent. Balloon on the ground gradually ascends and disappears .. .. .	0	17 6
6	Bay of Naples, Day, Moonlight, Eruption of Vesuvius, by rackwork .. .. .	3 slides	1 1 0
7	A Beautiful Vase of Flowers, showing the three stages of Bud, Full Blossom, and Decay .. .. .	3 slides	1 15 0
8	Bethlehem. A Moonlight Scene with Shepherds, Angels appear to announce the Birth of Christ—afterwards the Star is seen .. .. .	3 slides	0 12 0
9	Bethlehem. Moonlight Scene with Shepherds watching Flocks, effect of Angels appearing, and Star effect. New design .. .. .	3 slides	4 2 6
10	Blowing Soap Bubbles. Lever Slide and rackwork effect .. .. .	2 slides	3 10 0
11	Bombardment of Alexandria. The Interior of Enemy's Battery, Guns Firing, replied to by the Ironclads, Night Scene, Explosion, Blowing up of Fort .. .. .	4 slides	1 5 0
12	Bridge of Sighs, Venice, Daylight. Moonlight effect on Buildings, Ripple on Water, Windows lit up .. .. .	2 slides	0 12 6
13	Burning the Hotel de Ville, with rackwork effect for the fire .. .. .	2 slides	0 15 0
14	Burning of Alexandria. Grand Square on Fire, with rack smoke effect .. .. .	2 slides	0 15 0
15	Cabin Scene on Board Ship in a Rolling Sea, lever movement, passing Ships and Steamers seen through Porthole .. .. .	2 slides	0 15 0
16	Cairo, Day scene. Night, houses lit up, also Moonlight effect, with moving Torchlight Procession of Camels, &c., leaving City gate .. .. .	3 slides	1 15 0
17	Carnival at Venice, grand Illumination of the Rialto .. .. .	2 slides	0 15 0
18	Canadian Skating Rink. Figures passing on slow screw motion frame .. .. .	2 slides	4 4 0
19	Carisbrooke Castle, by Day, by Moonlight, and in Winter .. .. .	3 slides	1 2 6
20	Cat Fishing in an Aquarium. Fish swimming round .. .. .	2 slides	3 10 0
21	Cathedral. Interior, a procession passing up Nave, also Procession crossing Chancel to the Altar .. .. .	3 slides	1 12 6
22	Childhood, two children playing, changing from an uncoloured to a coloured scene, very effective .. .. .	2 slides	0 12 6
23	Chillon Castle, Exterior, Daylight, Moonlight effect .. .. .	2 slides	0 12 6
24	Chillon Castle, Interior of Dungeon with Prisoner, Moonlight effect .. .. .	2 slides	0 12 6
24A	Chinese Mandarin's Dinner Party. Mandarin's Palace, Exterior, Day. Arrival of the Guests in Palanquins (panorama). Guests at Dinner. Lanterns alight and Room illuminated. Exterior, Night View. Departure of Guests by Torchlight (panorama) .. .. .	6 slides	4 15 0
25	Christmas Carol. The Carol Singers before the House, the blind draws up, showing Family Group in lighted Room .. .. .	2 slides	1 12 6
26	Church of Iona, Day, Moonlight, and Interior by Moonlight .. .. .	3 slides	1 2 6
27	Convent of St. Bernard, Summer, Winter, and Moonlight .. .. .	3 slides	1 2 6
28	Convent, Interior of Chapel, Moonlight effect, the door opens and shows passing Procession .. .. .	2 slides	0 12 6
29	Country Church, Summer, Daylight; Night, lighted up for Service; and Winter Scene, With Snowstorm .. .. .	4 slides	1 6 6
29A	The Crucifixion. The Three Crosses, Christ in the midst. The Women at the foot of the Cross. Christ hanging on the Cross, surrounded by a company of Angels .. .. .	3 slides	7 10 0

## DISSOLVING PICTURES—Continued.

30	Curtain Slider, with Painted Curtain, for giving the effect of a Curtain being raised in front of a Stage, with extra frame for exhibiting the first scene .. .. .	2 slides	£0 15 0
31	Dryburgh Abbey (Ruins), with Tomb of Sir Walter Scott, by Day and Moonlight.. .. .	2 slides	0 10 6
32	Duxford Ferry and Farm on Thames. Day Scene. Night, effect to light up Windows, Moon rises lighting up buildings, moving ripple on water .. .. .	3 slides	1 1 0
33	Eddystone Lighthouse, Day, Moonlight, Storm, Lightning .. .. .	4 slides	1 5 0
33a	Eiffel Tower, Daylight, Night Scene, with Electric Light, with Coloured Fire Effect .. .. .	3 slides	1 1 0
34	Electric Light at Alexandria flashing from H.M.S. "Inflexible," and illuminating the Batteries and Earthworks .. .. .	2 slides	0 15 0
35	Explosion of Shell on board H.M.S. "Alexandra," shell effects.. .. .	2 slides	0 10 0
36	Esquimaux Snow Huts, with Ribbon Aurora effect .. .. .	2 slides	0 10 6
37	Fire in Cheapside, Rackwork effect to Flame and Smoke, Fire Engines playing on the smoking Ruins .. .. .	4 slides	8 10 0
38	Fireman (Statue) rescuing Baby and Girl, dissolving into Tinted Fire Boat, Night Scene, and rackwork Moonrise effect .. .. .	2 slides	0 7 6
39	Fisherman's Wife and children waiting the Return of the Fishing Boat, Night Scene, and rackwork Moonrise effect .. .. .	2 slides	3 10 0
40	Fountain Playing, Majolica Fountain, beautiful design, Water moving by rackwork produced from the second Lantern .. .. .	2 slides	0 14 0
41	"Good Night, Little Ones," suspended by coloured ribbons from the trees by Squirrels .. .. .	2 slides	0 12 6
43	Godstow on Thames, Trout Inn, Day Scene, Night Scene, effect to light up windows, moon rises, moving ripple on water .. .. .	3 slides	0 18 6
44	Holy Cross Abbey, Ireland, by Day, and Moonlight, Interior .. .. .	3 slides	0 16 0
45	Houses of Parliament, River front, Daylight, Night Scene, Lighted up, Light on Clock Tower, Moonlight, Ripple on Water .. .. .	3 slides	1 5 0
46	Icebergs, Arctic, by Day and Moonlight, with Aurora .. .. .	3 slides	0 19 0
47	Icebergs, Ship in distance, Polar Bear on Ice, Boat in pursuit, gun fired from Boat, Bear wounded, gun fired again, Bear killed, falls over .. .. .	2 slides	0 10 0
48	Ironclad attacked by Torpedo Boat at Night. Boat moves away, explodes Torpedo. Ironclad blown up .. .. .	2 slides	1 1 0
49	Lake of Geneva, Day, View of Boat, Moonlight, with moving effect .. .. .	2 slides	1 7 6
50	Landscape, after storm, with Rainbow effect .. .. .	2 slides	0 12 6
51	Landscape. Summer and Winter and Snow slide effect .. .. .	3 slides	0 19 6
52	Lifeboat, launched to the rescue, new rackwork effect of Ship Sinking .. .. .	2 slides	1 1 0
53	Lighthouse. Wave effect, Night Scene. Light changing colour by rackwork .. .. .	2 slides	1 10 0
54	Lighting the Beacon. Saxon Warrior with Torch lighting the faggots, struck by an arrow, falls backward and drops the torch. Beacon catches fire. Rackwork effect to flame and smoke .. .. .	2 slides	1 10 0
55	Lion Shooting. African Scene, English Sportsman and Native. Lion coming to stream, shot by Sportsman, falls over .. .. .	2 slides	0 15 0
56	Lisbon. The old City before the Earthquake scene, the Earthquake, and View of the Modern Port .. .. .	3 slides	1 0 0
57	Lutterworth Church, Leicestershire. Daybreak, Sunrise, and Moonlight .. .. .	2 slides	1 2 6
58	Magician's Cave. An Interior (new design), Magician waving his hand, with Comic Figures rising from the fiery Caldron .. .. .	2 slides	1 1 0
59	Mail Steamer entering Harbour, with steam and smoke coming from funnel, Passengers leaving in Boats, Moon rising, and rippling water .. .. .	2 slides	1 7 6
60	May-Day. Moving Procession of Children in fancy dresses, with Jack-in-the-Green, People dancing round Maypole in distance. Slow screw motion frame .. .. .	2 slides	4 4 0
61	Melrose Abbey. Day, Moonlight, and Interior by Moonlight .. .. .	3 slides	0 16 6
62	Mirage in Desert. Caravan crossing the Desert. Mirage effect.. .. .	2 slides	0 12 6
63	Mosque of Omar. Day. Moonlight, then lighted up .. .. .	3 slides	0 15 0
63a	Mount Ararat, with Rainbow effect .. .. .	2 slides	0 12 6
64	Mount Sinai. Encampment at Night, with Sunrise effect.. .. .	2 slides	0 15 0
65	Mount Etna, Eruption of, 1879. Stream of glowing Lava. Rack effect to smoke .. .. .	2 slides	0 17 6

## DISSOLVING PICTURES—Continued.

66	Nearing Home. Group of Sailors in Cabin looking through Porthole, panoramic slide, Vessels—moving effect—passing .. ..	2 slides	£4	4	0
67	Niagara Falls. Daylight, Moonlight, and Rainbow .. ..	3 slides	0	19	0
68	New Set of Seasons. Spring, Summer, Autumn, and Winter, beautifully hand-drawn and painted original figure scenes .. ..	4 slides	10	0	0
68A	Ditto Ditto as above, beautifully painted .. ..	4 slides	1	10	0
69	Pictures in the Fire. Young girl reclining before the fire, fancies she sees her numerous admirers appear and disappear. Rack effect .. ..	2 slides	1	5	0
70	Pompeti, Last Days of. Daylight, Night View on Fire, and rack fire effect .. ..	3 slides	6	0	0
71	Prairie on Fire, with rackwork fire and smoke effect .. ..	2 slides	0	15	0
71A	Reichenbach Falls. Daylight, Moonlight and Water effect .. ..	3 slides	1	1	0
72	Rialto at Venice. By Daylight, Moonlight and effect, Windows lighted up at Night, Ripple on the Water, &c. .. ..	3 slides	0	15	0
72A	The Rock of Ages. A great Rock in form of a Cross in a stormy sea, A Woman from the Wreck clinging to the Cross, Helping another to the Rock, Taken by an Angel into Heaven. Beautifully hand-drawn and painted .. ..	4 slides	10	0	0
73	Russian Winter Scene. Travellers in Sledge, pursued by Wolves, the Wolf leaps up at back of sledge, Travellers fire, the Wolf falls dead. Pack pursues Sledge .. ..	2 slides	1	1	0
74	St. Paul's Cathedral from S.E. Daylight, Night, Illumination of Dome and Towers .. ..	3 slides	1	1	0
75	St. Peter's at Rome, by day, then Illuminated, Fireworks from the Castle .. ..	3 slides	0	18	0
75A	St. Peter's at Rome. Moonlight, Illuminated effect, interior view .. ..	4 slides	1	10	0
76	Seasons. Four Country Scenes, illustrating Spring, Summer, Autumn, and Winter, with slide for Snowstorm, Wreath of Flowers, and Motto .. ..	6 slides	2	0	0
77	Set of Seasons. New Designs .. ..	4 slides	1	0	0
78	Set of Three Sea Views. Sunrise, Sunset, and Moonlight .. ..	3 slides	1	3	6
79	Ship in Full Sail. The Storm with Lightning, Ship on Fire, Passengers escape on the Raft .. ..	5 slides	1	10	0
80	Snow Village in the Polar Regions, the Aurora Borealis, moving by rackwork, giving the appearance as in nature .. ..	2 slides	0	17	6
81	Snow Village. Aurora Borealis Ribbon effect .. ..	2 slides	0	12	6
82	Soldier's Dream. Wounded Soldier asleep, The Harvest Home, The Recruit, The Storming Party, The Reward .. ..	5 slides	1	7	6
83	Spectre of Brooken. Alpine Atmospheric reflecting effect .. ..	2 slides	0	12	6
84	Statue, Giocometta. Turinese Costume, plain slide and tinted effect to resemble life .. ..	2 slides	0	7	6
85	Statue, Little Miss Vanity. Plain slide, and tinted effect to resemble life .. ..	2 slides	0	7	6
86	Statue, Madonna Ditto Ditto .. ..	2 slides	0	7	6
87	Statue, Maidenhood Ditto Ditto .. ..	2 slides	0	7	6
88	Stoke Poges Churchyard. The Scene of Gray's "Elegy," Sunset, Moonrise, Church Lighted for Service, Winter Scene, and slide for Snowstorm .. ..	4 slides	1	7	6
89	Summer and Winter. Cottage Scene, with slide for a Snowstorm .. ..	3 slides	0	19	6
90	The Fishes' Home and Haunts. A peep under water, with rackwork effect .. ..	2 slides	0	15	0
91	The Haunted House, or the Ghost of Woodleigh Grange, the old House by Moonlight, the Figure of a Woman appears and glides over the water in the Moat .. ..	2 slides	0	18	6
92	The Valley Farm, Old Farm House, Summer Scene, Boat on Water, Night Scene, the House lighted up, Moonlight effect on Water, Winter, Daylight .. ..	4 slides	1	15	0
93	Tower of London, by Day, Moonlight, and on Fire, and rackwork effect .. ..	4 slides	1	7	6
94	Venus. Statue in Conservatory, with tinted effect .. ..	2 slides	0	7	6
95	Vesuvius Crater, Photograph of Mountain, Daylight Scene, Moonlight, and Eruption .. ..	2 slides	0	12	6
96	Warwick Castle, by Day and on Fire, rackwork effect to flame and smoke .. ..	3 slides	2	2	0
97	Water Babies. Statue of Two Children in a Shell. Dissolves to same, tinted to resemble life .. ..	2 slides	0	7	6
98	Waterfall. Swiss Summer Scene, with Water moving by rackwork .. ..	2 slides	0	17	6

**DISSOLVING PICTURES—Continued.**

99	Watermill, with Wheel at work, Summer View, a Swan swims on, dipping its neck in the water, the Moon appears from behind the Clouds, and the Mill Windows are lighted up. The Mill frozen up in Winter, with Snowstorm effect .. .. .	5 slides	£1 12 6
100	Watermill Interior. Miller smoking, removes pipe from his mouth, rackwork effect to smoke .. .. .	2 slides	3 10 0
101	Whaling Boats attacking the Whale. Death stroke, Boats thrown up in the air .. .. .	2 slides	0 16 0
102	Whirlwind, with Lightning effect .. .. .	2 slides	0 10 6
103	Windmill beside the water. Summer Scene, Night effect, Moon-rise, Break of Day, and Sunrise. Rack effect .. .. .	2 slides	1 5 0
104	Bathers and Crocodile. Bathing in India and the results .. .. .	"	0 12 6
105	The Boy Sportsman Firing at the Fowls .. .. .	"	0 12 6
106	Coffee Stall. The Explosion .. .. .	"	0 12 6
107	Christmas Waits and how to get rid of them .. .. .	"	0 12 6
108	Cockney Fishing for "Jack" .. .. .	"	0 12 6
109	Nigger and Planter. The Nigger pays an Untimely Visit .. .. .	"	0 12 6
110	Negro Serenaders .. .. .	"	0 12 6
111	Negro Burglars get their Deserts .. .. .	"	0 12 6
112	The Nigger and the Wolves .. .. .	"	0 12 6
113	Sportsmen Shooting Wild Duck, falls into the Water.. .. .	"	0 12 6

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- 4 Effect. "Hand-in-hand when our life was May, Hand-in-hand now our hair is grey"

**OT THE WOMEN OF MUMBLES HEAD.***Illustrating the Poem by CLEMENT SCOTT.**Beautifully Painted Views, 7s. 6d.; Figures, £1 10s. each.*

- |   |                                |
|---|--------------------------------|
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| 3 The Two Women looking out to Sea          |                                |

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- |  |  |
|--|--|
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| 5 Queen Mary on the Deck of the Yessel at Sea, on her way to Scotland                    | 13 Queen Mary on her way to Execution  |
| 6 Holyrood Palace, exterior  | 14 Queen Mary on the Scaffold  |
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- |   |   |
|---|---|
| 1 Introduction. Portrait  | 9 It ceased its ringing, for the woman's work was done [her to the rescue       |
| 1A A Fisherman's Cottage, Jane with her sick child on her lap, seated at the table in front of the fire | 10 Man the lifeboat! man the lifeboat! and launch                               |
| 2 Jane starts to her feet and goes to the window  | 11 Her husband was on board the ship and saved by the lifeboat [of his wife     |
| 3 Sees a gallant ship in flames rocking on the waves  | 12 He goes home and is frightened by the absence                                |
| 4 She sinks upon her knees and prays for those on board the ship  | 13 With sense of dread sinks fainting on the floor                              |
| 5 Angel appears beside the bed [board the ship  | 14 The Sexton, curious to know who rang the bell finds Jane lying in the heltry |
| 6 Country Winter Scene—Jane making her way through the Snowstorm  | 15 Takes her to her home and finds her husband                                  |
| 7 Jane reaches the Churchyard and makes her way to the old Church door [pulls the bell                  | 16 They look down upon the cradle, and the child is sleeping peacefully         |
| 8 Enters by a narrow window, grasps the rope, and   |   |

**ABV "KILLARNEY."***A Series of Irish Views illustrating this well-known song.**Beautifully Painted, 40s. the set; Plain Slides, 8s. the set.*

- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1 "By Killarney's lakes and fells."   | 5 "No place else can charm the eye." |
| 2 "Angels fold their wings and rest." | 6 "Angels often pausing there."      |
| 3 "Innisfallen's ruined shrine."      | 7 "Music there for echo dwells."     |
| 4 Beauty's home, Killarney."          | 8 "Heaven's reflex, Killarney."      |

## OW

## GABRIEL GRUBB. READING, 6d.

THE STORY OF THE SEXTON WHO WAS STOLEN BY THE GOBLINS.

*Beautifully Painted, £4 10s. the set; Plain Slides, 1s. each.*

- 1 Introduction—Charles Dickens
- 2 Interior of Manor House Kitchen—opening the Ball
- 3 Moving Panorama of an old Abbey Town—the Secret—the Lane—a boy whistling by the Farm—Gabriel enters the Churchyard—a winter Snow Scene, 15s.
- 4 Gabriel sits down on a flat tombstone and raises the wicker bottle to his lips to drink, but is disappointed
- 5 He started up, for he saw a strange unearthly figure seated on a stone
- 6 The Goblin laughed, and others appeared playing at leapfrog among the tombs
- 7 The King of the Goblins takes Gabriel on an unpleasant journey
- 8 By order of the King, Gabriel is shown, in a large cavern, scenes as—
- 9 Effect. Interior of a Parlour—the eldest Boy looking through the window for the return of his Father
- 10 Effect. The Father enters the room and gets a hearty welcome
- 11 Effect. The Father after tea tells his adventures of the day
- 12 Effect. The interior of a Bedroom—Family assembled round the bed of the dying child
- 13 Effect. Interior of the same Parlour—Father and Mother, now grown old, tell the tale of former years
- 14 Effect. Churchyard Scene—the Father's Grave—Love tokens
- 15 Effect. The scene changes into a beautiful landscape
- 16 The day had broken when Gabriel awoke and found himself at full length on the flat tombstone
- 17 Gabriel vanished, no one knew where—his spade, lantern, and wicker bottle found lying by the tomb
- 18 Unexpected reappearance of Gabriel after ten years' absence—tells his story to the Clergyman and Mayor at the very same tomb

## OX THE WANDERINGS OF LITTLE NELL AND HER GRANDFATHER. (LIFE MODELS.)

*Beautifully Painted, £6 the set; Plain Slides, 1s. each.*

- 1 Little Nell, having lost her way, inquires of Master Humphrey
- 2 Interior of the Old Curiosity Shop kept by Little Nell's Grandfather
- 3 Quilp's home. Little Nell confides in Mrs. Quilp
- 4 Fred Trent and Dick Swiveller at home, "Pass the rosy, Fred"
- 5 "Let us be beggars," said the child on the last night at the Curiosity Shop
- 6 The Old Man and Little Nell leave the old shop
- 7 Little Nell and her Grandfather breakfast in the fields
- 8 Codlin and Short make their acquaintance in the Churchyard
- 9 Little Nell walks out into the Churchyard alone
- 10 The Old Man and Nell join Codlin and Short's Punch and Judy Show
- 11 Codlin and Nell in the garret, Codlin the friend, not Short
- 12 Safe from pursuit. The Old Man and Nell rest by the wood
- 13 The Village Schoolmaster, a friend in need
- 14 The Caravan. "Can't you say who won the Helter Skelter Plate?"
- 15 Interior of the Caravan, Mrs. Jarley's Waxworks
- 16 Nell goes into the room to see if her Grandfather is comfortable for the night
- 17 The old Schoolmaster invites them to enter the Church
- 18 A new home for Little Nell and her Grandfather
- 19 Nell is employed to clean the church
- 20 Nell sees the Schoolmaster reading a book in the churchyard
- 21 Nell comforts her little favourite
- 22 The death of Little Nell
- 23 Little Nell is hurried in the Church—her friends gather round the grave
- 24 The old man takes his accustomed seat upon her grave

## OZ

## A CHRISTMAS CAROL. (STRICTLY COPYRIGHT.)

*Beautifully Painted, 8s. 6d. each, or the set, £9. Plain Slides, 1s. each.*

- 1 Scrooge's Counting House, "Don't be angry, Uncle. Come, dine with us to-morrow"
- 2 The doorway of Scrooge's House
- 3 Marley's Face, Doorway effect
- 4 Scrooge's Sitting-room. "Upon its coming in, the dying flame leaped up, as though it cried 'I know him, Marley's Ghost!'"
- 5 Marley's Ghost, Effect slide
- 6 Scrooge at the window. The air was filled with Phantoms, wandering hither and thither in restless haste
- 7 The first of the Three Spirits—Ghost of Christmas past. He started up as the curtains of the bed were drawn aside
- 8 The School Room. Interior with desks. At one of these a lonely boy was reading near a feeble fire
- 9 Effect Slide, Ali Baba, Valentine and Orson, the Sultan's Groom, &c., &c., passing before the window
- 10 Mr. Fezziwig's Ball. Mr. and Mrs. F. open the hall
- 11 Scrooge's First Love
- 12 Scrooge's First Love. The Parlour Scene. Return of the father attended by a man laden with Christmas presents
- 13 Scrooge's Third Visitor. "I am the Ghost of Christmas Present—look at me"
- 14 Bob Cratchit's Christmas Day. "Why, where's Martha—not coming?" said Bob
- 15 The Nephew's Christmas Party. "He said Christmas was a humbug, as I live!" cried Scrooge's Nephew, "and he believed it too"
- 16 The Ghost of Christmas Present shows Scrooge the boy, Ignorance, and the girl, Want
- 17 Scrooge's reported death. "What has he done with his money?"
- 18 The Ghouls' Family. "What do you call this?" said Joe. "Bed curtains?"
- 19 The Deathbed—"He recoiled in terror, as the scene had changed"
- 20 The last of the Spirits. Scrooge's grave
- 21 Scrooge's Christmas Present. It was a Turkey
- 22 Christmas Day. Scene in the Street. Scrooge taking the gentleman by the hand, said, "Dear Sir, how do you do?"
- 23 The Counting House. Scrooge and Bob Cratchit—"I'm not going to stand this sort of thing any longer"
- 24 The Counting House. Scrooge and Bob Cratchit discuss their affairs over the Christmas howl

## COMIC AND OTHER SLIDERS.

*These Sliders, beautifully painted as three-inch Pictures, suitable for exhibition with the best Oxygen Gas Light Phantasmagoria Lantern and Dissolving View Apparatus.*

### YO ALICE'S ADVENTURES IN WONDERLAND.

By the late LEWIS CARROLL.

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*Painted, 3s. 6d. each; Plain Photographs, 1s. each.*

TEXT BOOK, Illustrated, 3s. 6d.

ABRIDGED READING, 9d.

- 1 Alice goes down the Rabbit-hole, and sees the Rahhit take a watch out of his pocket
- 2 Discovers a door behind a curtain, and opens it with a golden key
- 3 In the room finds a bottle labelled "Drink me"
- 4 "Curiouser and curiouser!" "Now I am opening like a telescope. Good-bye, feet!"
- 5 White Rahhit, splendidly dressed, brings Alice a pair of gloves and fan
- 6 Alice, in great grief, is in danger of being drowned in her own tears
- 7 A Mouse swimming across, shows Alice the way out of the Pool
- 8 The Mouse tells the story of his life to an attentive audience
- 9 The Dodo presents Alice with her own Thimble—the others all cheer
- 10 Alice drank from another Bottle, and grew too large for the room
- 11 The Rahhit trying to get in at the window, falls through the cucumber frames
- 12 "Something comes at me like a Jack-in-the-Box, and up I goes like a sky-rocket"
- 13 An enormous Puppy suddenly appears, and Alice commences playing with it
- 14 A knowing Caterpillar gives Alice valuable advice
- 15 Alice recites "Old Father William" in a new version
- 16 "You are old," said the youth, "as I mentioned before, yet you turned a back somersault in at the door"
- 17 "You are old," said the youth, "and your jaws are too weak, yet you finished the goose, with the bones and the beak"
- 18 "You are old," said the youth, "one would hardly suppose you balanced an Eel on the end of your nose"
- 19 The First Footman delivers a letter from the Queen to the Duchess's Frog Porter
- 20 Interior of the Kitchen of the Mansion, the Duchess sitting on a three-legged stool nursing the Baby
- 21 The Baby turns out to be a Pig, and Alice does not know what to do with it
- 22 The Cat speaks to Alice—"A dog growls when it's angry, and wags its tail when pleased. I growl when pleased, and wag my tail when angry"
- 23 The Cat disappears among the leaves of the Tree retreating backwards
- 24 A Tea Party. The mad Hatter opens his eyes in astonishment
- 25 The mad Hatter sings, "Twinkle, twinkle, little bat! how I wonder what you're at!"
- 26 The March Hare and the mad Hatter try to put the Dormouse into the Teapot
- 27 Queen's Croquet-ground—"Look out now. Five Don't go splashing paint over me like that!"
- 28 The King and Queen of Hearts meet Alice and inquire her name
- 29 Alice and the Flamingo—she finds its neck inconveniently long for nursing
- 30 The Queen orders the Cat to be beheaded. The Cat has no body, so the Executioner says it can't be done
- 31 Alice meets the Duchess, she says, "Oh, 'tis love, 'tis love, that makes the world go round"
- 32 The Queen orders the Gryphon to take Alice to see the Mock Turtle
- 33 The Mock Turtle tells the history of his life "Once I was a real Turtle"
- 34 "Will you walk a little faster?" said a Whiting to a Snail; "there's a Porpoise close behind us, and he's treading on my tail"
- 35 "'Tis the voice of the Lobster, I heard him declare, you have baked me too brown, I must sugar my hair"
- 36 The King and Queen seated on their Throne; the Knave before them, guarded by two soldiers
- 37 The Herald of the Court. The White Rahhit summons the witnesses
- 38 The mad Hatter gives his evidence before the Court, shaking off his shoes
- 39 "I'd rather finish my Tea. You may go," said the King. He left the Court in a hurry
- 40 Alice gives her evidence, jumps up, and in her hurry tipped over the Jury box
- 41 The Tarts are found and brought into Court. The King says this evidence is conclusive
- 42 "You are nothing but a Pack of Cards," says Alice, with that they all fell on her, and she awoke



# PA "THROUGH THE LOOKING GLASS AND WHAT ALICE SAW THERE."

By the late LEWIS CARROLL.

Illustrations by John Tenniel. Copied by the kind permission of Messrs Macmillan & Co.

*Painted, 3s. 6d. each. Plain Photographs, 1s. each.*

*Text Book, Illustrated, 3s. 6d.*

ABBREGED READING, 9d.

- 1 The kitten had been having a grand game of romps with the ball of worsted Alice had been trying to wind up
- 2 Kitty sat very demurely on her knee, now and then putting out one paw and gently touching the ball
- 3 "How nice it would be if we could only get through into Looking-glass House!"
- 4 In another moment Alice was through the glass
- 5 Down in the hearth among the cinders the chessmen were walking about two and two!
- 6 The King's astonishment at finding himself held in the air by an invisible hand
- 7 "The White Knight is sliding down the poker"
- 8 "The Jabberwock, with eyes of flame, Came whiffling through the tulgey wood"
- 9 Alice was so astonished when the Tiger-lily spoke that she couldn't seem to speak for a minute
- 10 "Where do you come from?" said the Red Queen
- 11 "The country is marked out just like a large chess-board"
- 12 They went so fast that they seemed to skim through the air
- 13 It was a very queer carriage-full of passengers
- 14 The Rocking-horse-fly must have been re-painted, it looked so bright and stioiky
- 15 The Snap-dragon-fly is made of plum-pudding, holly leaves, and a raisin
- 16 Crawling on the ground is a Bread-and-butter-fly
- 17 Alice walked on with her arms clasped round the Pawn's neck
- 18 Tweedledum and Tweedledee were standing under a tree, each with an arm round the other's neck
- 19 "The Walrus and the Carpenter were walking close at hand. They wept like anything to see such quantities of sand"
- 20 "'Now if you're ready, Oysters dear, we can begin to feed.' 'But not on us!' the Oysters cried"
- 21 "With sobs and tears he sorted out those of the largest size, Holding his pocket-handkerchief before his streaming eyes"
- 22 The Red King was lying crumpled up into a sort of untidy heap
- 23 "You needn't be so angry about an old rattle," Alice said to Tweedledum
- 24 "They'll be more like bundles of old clothes than anything else, by the time they're ready"
- 25 Alice did her best to get the White Queen's hair into order
- 26 "The King's messenger is in prison now, being punished"
- 27 She was in a little dark shop, leaning with her elbows on the counter, and opposite to her was an old Sheep, sitting in an arm-chair knitting
- 28 Suddenly the needles turned into oars in her hands, and she found they were in a little boat, gliding alone between banks
- 29 Humpty Dumpty leant forwards, and offered Alice his hand
- 30 "'Twas brillig, and the slithy toves, Did gyre and gimble in the wabe: All mimsy were the borogoves, And the mome raths outgrabe"
- 31 "I said it very loud and clear; I went and shouted in his ear. But he was very stiff and proud; He said 'You needn't shout so loud!'"
- 32 The ground was soon covered with little heaps of men
- 33 "I feel faint" said the King, "Give me a ham sandwich!"
- 34 They placed themselves close to where Hatta was standing watching the fight between the Lion and the Unicorn
- 35 Alice carried the dish round, and the cake divided itself
- 36 She dropped to her knees, and put her hands over her ears, trying to shut out the noise of the drums
- 37 "We must fight for her, then," said the Red Knight
- 38 Alice thought she had never seen such a strange-looking soldier in all her life
- 39 Whenever the horse stopped (which it did very often) he fell off in front
- 40 "How can you go on talking so quietly, head downwards?" Alice asked, as she dragged him out by the feet
- 41 "I saw an aged, aged man, A-sitting on a gate"
- 42 "What is this on my head?" she exclaimed. It was a golden crown
- 43 She didn't feel a bit surprised at finding the Red Queen and the White Queen sitting close to her, one on each side
- 44 In another moment both Queens were fast asleep leaning against Alice
- 45 The Frog went nearer and rubbed the door with his thumb, then he looked at Alice
- 46 The leg of mutton got up in the dish, and made a little bow to Alice
- 47 "I can't stand this any longer!" she cried, as she jumped up and seized the table-cloth with both hands
- 48 She took the Red Queen off the table, and shook her backwards and forwards with all her might
- 49 And it really was a kitten, after all
- 50 "Snowdrop, my pet!" she went on, looking over her shoulder at the White Kitten, "when will Dinah have finished with your White Majesty, I wonder?"

**WQ RANDOLPH CALDECOTT'S PICTURES.**

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|---|--|
| 1 Introduction—the House that Jack built *<br>2 This is the House that Jack built<br>3 This is the Malt that lay in the House that Jack built<br>4 This is the Rat that ate the Malt<br>5 This is the Cat that killed the Rat<br>6 This is the Dog that worried the Cat | 7 This is the Cow with the Crumpled Horn that tossed the Dog<br>8 This is the Maiden all forlorn that milked the Cow<br>9 This is the Man all tattered and torn<br>10 This is the Priest all shaven and shorn<br>11 This is the Cock that crowed in the morn<br>12 This is the Farmer who sowed the corn |
|---|--|

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- |   |   |
|---|---|
| 1 Sing a Song for Sixpence<br>2 Catching the Blackbirds<br>3 When the Pie was opened the Birds began to sing<br>4 Was not that a dainty Dish to set before the King?<br>5 The King was in the Counting House counting out his money | 6 The Queen was in the Parlour eating bread and honey<br>7 The Maid was in the Garden hanging out the clothes<br>8 There came a little Blackbird and snapped off her nose<br>9 But there came a Jenny Wren and popped it on again |
|---|---|

**THE FARMER'S BOY.**

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- |  |  |
|--|--|
| 1 Introduction—the Farmer's Boy<br>2 I used to keep my master's Horses<br>3 I used to keep my master's Lambs<br>4 I used to keep my master's Hens<br>5 I used to keep my master's Pigs | 6 I used to keep my master's Ducks<br>7 I used to keep my master's Dogs<br>8 I used to keep my master's Children<br>9 My pretty lass, will you come to the Banks of the Aire oh? |
|--|--|

**THE THREE JOVIAL HUNTSMEN.**

*Painted, 32s. the set. Plain Slides, 11s. 6d. the set. Book, 6d. (F. Warne & Co.)*

- |  |   |
|--|---|
| Introduction—Three Jovial Huntsmen<br>2 It's of three Jovial Huntsmen an' a hunting they did go<br>3 The first thing they did find was a tatter'd Baggart in a field<br>4 The next thing they did find was a gruntin', grindin' Grindlestone<br>5 The next thing they did find was a Bull-calf in a pin-fold | 6 The next thing they did find was two or three Children leaving school<br>7 The next thing they did find was a fat Pig smiling in a ditch<br>8 The next thing they did find was two Young Lovers in a lane<br>9 An' they'd nought to bring away at last, when th' huntin'-day was done |
|--|---|

**YB****JOHN GILPIN.**

*Beautifully Painted, £3 3s. the set; Plain Slides, £1 2s. 6d. the set. Book, 6d.*

- |  |  |
|--|--|
| 1 Introduction.<br>2 John Gilpin's spouse said to her dear.<br>3 John Gilpin kissed his loving wife.<br>4 So three doors off the chaise was stayed.<br>5 I am a linendraper hold.<br>6 His long, red cloak, well brushed and neat, he manfully did throw.<br>7 Now see him mounted once again upon his nimble steed.<br>8 Now in a trice the turnpike men their gates wide open threw.<br>9 The bottles twain behind his back were shattered at a blow.<br>10 At Edmonton his loving wife from the balcony espied. | 11 "What news? What news? Your tidings tell; tell me you must and shall!"<br>12 Whence straight he came, with hat and wig.<br>13 "But let me scrape the dirt away, that hangs upon your face."<br>14 For while he spake, a braying ass did sing most loud and clear.<br>15 "This shall be yours when you bring back my husband safe and well."<br>16 The youth did ride, and soon did meet John coming back again.<br>17 "Stop thief! stop thief! a highwayman!" not one of them was mute.<br>18 For he got first to town. |
|--|--|

**ZP****COME LASSES AND LADS.**

*Beautifully Painted, £2 9s. the set. Plain Slides, 17s. 6d. the set. Book, 6d.*

- |   |   |
|---|---|
| 1 Introduction. Come Lasses and Lads.<br>2 Away to the May-pole, Hey.<br>3 Every He has got him a She.<br>4 Willy has Gotten his Jill.<br>5 Every Man did put his Hat off, and every Girl did Curtsy.<br>6 "We'll first have Sellenger's Round."<br>7 Every Man began to Foot it . . . and every Girl did Jet it. | 8 The Fiddler then began to Play the Tune again.<br>9 The May Queen.<br>10 Take their Kisses Back, and Give them their own again.<br>11 There they did Stay the Whole of the Day.<br>12 Each a Twopence Gave him and went Away.<br>13 "Good-night," says Everyone.<br>14 Bound themselves to meet the next Holiday. |
|---|---|

## Y C

## THE MAD DOG.

From Drawings by RANDOLPH CALDECOTT.

*Beautifully Painted, £2 12s. 6d. the set; Plain Slides, 19s. the set.**Book, 6d. (F. Warne & Co.)*

- 1 The Introduction.
- 2 Sung by Master Bill Primrose.
- 3 In Islington there lived a man.
- 4 That still a godly race he ran.
- 5 A kind and gentle heart he had.
- 6 In that town a dog was found.
- 7 As many dogs there be.
- 8 This dog and man at first were friends.

- 9 The dog . . . went mad, and bit the man.
- 10 The wondering neighbours ran.
- 11 The dog had lost his wits to bite so good a man.
- 12 The wound it seemed so sore and sad.
- 13 To every Christian eye.
- 14 The man recover'd of the bite.
- 15 The dog it was that died.

## Y P

## THE PIED PIPER OF HAMELIN.

From a series of very beautiful Drawings by KATE GREENAWAY.

Published by permission of Messrs. F. Warne &amp; Co.

*Beautifully Painted, £4 4s. the set; Plain Slides, £1 7s. the set. Reading, 6d.*

- 1 Introduction.
- 2 Bit the babies in the cradles, and ate the cheeses out of the vats.
- 3 And even spoiled the women's chairs, by drowning their speaking with shrieking and squeaking.
- 4 At last the people in a body, to the Town Hall came flocking.
- 5 His queer long coat from heel to head was half of yellow and half of red.
- 6 He advanced to the Council-table: And "Please your honours," said he, "I'm able."
- 7 Into the Street the Piper stept, smiling first a little smile.
- 8 And step by step they allowed dancing, until they came to the river Weser.
- 9 "Go," cried the Mayor, "and get long poles! Poke out the nests and block up the holes!"

- 10 "First, if you please, my thousand guilders!" "A thousand guilders!"
- 11 "No trifling! I can't wait, beside!"
- 12 And to his lips again laid his long pipe of smooth straight cane;
- 13 Small feet were pattering, wooden shoes clattering, little hands clapping, and little tongues chattering.
- 14 Tripping and skipping, ran merrily after the wonderful music with shouting and laughter.
- 15 The Mayor was dumb, and the Council stood as if they were changed into blocks of wood.
- 16 To Koppelberg Hill his steps addressed, and after him the children pressed.
- 17 Did I say all? No! one was lame, and could not dance the whole of the way; ;
- 18 Alas, for Hamelin!

## W R

## "BLACK BEAUTY."

A series of Lantern Slides copied by the kind permission of Messrs. Jarrold and Sons, illustrating the well-known story of "Black Beauty."

The book is published by Messrs. Jarrold &amp; Sons; Paper Cover, 6d.; Paper Boards, 1s.; Cloth, 2s.; Cloth Illustrated, 3s. 6d.; Cloth Illustrated, 4to, 5s.

*Beautifully Painted Slides, 4s. 6d. each. Plain Slides, 1s. 6d. each.*

- 1 Introduction. Portrait of "Black Beauty." "I had a white star on my forehead"
- 2 Mother and foal. "I ran by her side"
- 3 In the meadow "A bare wild with fright rushed by"
- 4 The hunt. "Leaped their horses clean over"
- 5 The smith's forge. "Putting on the iron shoes"
- 6 The train. "There I stood snorting"
- 7 In the loose box. "My name is Merry-legs"
- 8 "Ginger" the chestnut mare. "The ears were laid back and the eyes looked ill-tempered"
- 9 "Black Beauty" saddled. "I was brought up for the Squire"
- 10 "Ginger" in disgrace. "I laid my ears back and snapped at him"
- 11 The old master. "He sponged my sides so tenderly"
- 12 Tattersall's. "Sent up to London and sold"
- 13 "Merry-legs" rebels. "I laid him on the grass"
- 14 A riding party. "The master on 'Ginger,' the mistress on me"

- 15 "Skye" in the stable. "She made her bed under the manger"
- 16 Cruelty to a pony. "Is that pony made of flesh and blood?"
- 17 The broken bridge. "Come on, 'Beauty,' what's the matter?"
- 18 Before the fire. "Lay down your pipe"
- 19 The fire. "He led me out of the stable"
- 20 After the hard run. "He gave me a pail of water"
- 21 Leaving the old home. "John put the saddle on 'Ginger' and the leading rein on me"
- 22 Bearing reins. "I can't bear it, and won't"
- 23 Lady Anne. "As gentle as she was beautiful"
- 24 The runaway horse. "Lizzie took the leap"
- 25 The accident. "I stood watching and listening"
- 26 The Fair. "Sadly broken down with hard work"
- 27 "Black Beauty" as a cab horse. "Sunday rest"
- 28 "Captain," the officer's horse. "Alone on that great slaughter ground"
- 29 Broken down. "This is a case of overwork"
- 30 Willie Thoroughgood. "He called me 'Old Crony'"

## LANG'S FAIRY TALES.

Copied by special permission of Messrs. Longmans, Green & Co.

### THE YELLOW FAIRY BOOK.

#### PB THE WITCH AND HER SERVANTS.

*Painted, 24s. the set. Plain Photographs, 7s. 6d. the set.*

- 1 Iwanich holds fast the swan
- 2 Militta leaves Iwanich in the tree
- 3 The prickly man with his attendants
- 4 Militta and her maidens in the garden

- 5 Iwanich casts the fish into the water
- 6 Iwanich seizes the Magician by his beard and dashes him to the ground

#### PC THE STORY OF BIG KLAUS AND LITTLE KLAUS.

*Painted, 16s. the set. Plain Photographs, 5s. the set.*

- 1 "Gee up, my five horses!" "I'll see to your horses"
- 2 The farmer thinks he sees the Devil in the Chest

- 3 The shoemakers and tanners drive Big Klaus out of the town
- 4 "Open the sack," said Little Klaus

#### PD THUMBELINA.

*Painted, £1 the set. Plain Photographs, 6s. 6d. the set.*

- 1 "Croak, croak, croak!" was all he could say
- 2 Thumbelina rides on the Water-lily-leaf
- 3 Thumbelina brings thisledown for the swallow

- 4 Thumbelina has to spin
- 5 We will call you May Blossom

### THE GREEN FAIRY BOOK.

#### P THE PRINCE NARCISSUS & THE PRINCESS POTENTILLA

*Painted, 16s. the set. Plain Photographs, 5s. the set.*

- 1 Potentilla weaving a garland of blue forget-me-nots
- 2 Potentilla's delight at seeing her name traced in points of light

- 3 Grumedan's lion fetches in the Princess
- 4 Grumedan imprisoned in a crystal hall

#### PF PRINCE FEATHERHEAD AND THE PRINCESS CELANDINE

*Painted, £1 the set. Plain Photographs, 6s. 6d. the set.*

- 1 "Fish, and see what you will catch"
- 2 Whisked her off into the desert, and there left her
- 3 The Princess spied Prince Featherhead fast asleep in the shade of a tree

- 4 The old woman began fingering the Princess' silken robe
- 5 The beautiful oow was vanishing in spite of the old woman's efforts to hold it fast

#### PG HEART OF ICE.

*Painted, 36s. the set. Plain Photographs, 12s. 6d. the set.*

- 1 Opening the window, and catching up the little Prince, the Fairy Genesta glided away in the air
- 2 The old man unveiled a portrait of the lovely Sabella
- 3 Mannikin gently detached their hands and feet from the wood which held them fast
- 4 Gorgonzola flies off on her dragon
- 5 The eldest Fairy consulted her Book of Magic

- 6 Mannikin succeeded in pinning Prince Fadasse to the sand with his spear
- 7 The Ambassador's procession
- 8 Prince Mannikin gains a complete victory over King Brandstör
- 9 Prince Mannikin bounded forward and had just strength left to grasp the precious diamond

#### PH THE LITTLE SOLDIER.

*Painted, £1 the set. Plain Photographs, 5s. the set.*

- 1 In the very midst of the flames an enormous serpent reared itself up close to his face
- 2 The Coach went straight on and rolled over the water, while John's horse sank down from fatigue

- 3 Each time he emptied his purse, which was full the next instant
- 4 The Princess drinks the phial to take away the horns

#### PI PRINCE VIVIEN AND THE PRINCESS PLACIDA.

*Painted, 24s. the set. Plain Photographs, 7s. 6d. the set.*

- 1 From this moment poor Placida's troubles began
- 2 His companions played interminable games of chess, and he was nearly dying of weariness
- 3 The Giant rushed at the Prince, brandishing an immense serpent which was coiled about his wrist

- 4 The Prince took the gazelle in his arms, and mounted upon the back of the snail
- 5 "I saw a tall and stately dame advancing towards me, surrounded and followed by a vast flock of every kind of bird"
- 6 Who should come up but King Gridelin

**PK TWENTY-SIX NOTES ON A SOLDIER'S TRUMPET**

SOUNDED BY SURGEON-MAJOR F. E. SCANLAN.

Copied by permission of MESSRS. HOUGHTON &amp; GUNN.

*Beautifully Painted, £5 8s.**Plain Photographs, £1 7s. the set.***Introduction—The Trumpeter**

A was an Adjutant, "Ride a Cock-Horse"  
 B was a Brigadier, "crusty and cross"  
 C a Controller, laden with gold  
 D was a drummer-boy, youthful, yet bold  
 E was an Engineer, spying the land  
 F a Field-Marshal, Baton in hand  
 G was a Guardsman, lengthy and slim  
 H a Hussar surnamed "Cherubim"  
 I an Instructor, who taught us to shoot  
 J was a Jolly though simple recruit  
 K was a Knapsack, the defaulter abhors  
 L was the Lancer, "Ani Gloria Mors"  
 M Mounted Rifles, alas! now no more

N was that Noisy Artillery Corps  
 O was an Old Soldier, "bad with the pains"  
 P the Provost, where they work them in chains  
 Q was a Queer Sub-Lieutenant with glasses  
 R a Royal "Plunger," who ogled the lassies  
 S was a Surgeon, they called him a "Pill"  
 T was a "Tippler," uncommonly ill  
 U was the Union Jack, long may it wave  
 V the Victoria Cross, earned by the brave  
 W for Wooden Legs, Wars, and Waterloo  
 X the extension that youth must go through  
 Y was a Yeoman, he'd fight with the best  
 Z was the Zouave they called "Second West"

**PL ARMY AND NAVY DROLLERIES.**

BY MAJOR SECCOMBE.

*Beautifully Painted, £4 16s. the set**Plain Photographs, £1 4s.**Descriptive Book in Verse, 1s*

1 A is an ADMIRAL, sturdy and bold;  
 Observe his cooked hat ornamented with gold  
 2 B is a BANDSMAN; how sweet to recline  
 On the turf, close beside the gay bandsman,  
 when fine  
 3 C for CAPTAIN of Blues, as he sometimes is seen  
 On his way to perform his best bow to the Queen  
 4 D stands for DRAGOON, some called heavy, some light  
 To call this a heavy one surely is right  
 5 E for the ELEGANT SCHWARTZ, colour in hand,  
 A spectacle noble, impressive and grand  
 6 F stands for FIELD-MARSHAL—'tis easy to see  
 He's a very great man, and as proud as can be  
 7 G stands for GUARDSMAN, who wears a large hat  
 We should think he felt rather top-heavy in that  
 8 H is a HIGHLANDER; surely he misses  
 A warm pair of breeks on a cold day like this is  
 9 I for IRISH HOBSEMAN, in uniform gay;  
 When his enemies meet him they go t'other way  
 10 J for JOLLY JACK TAR, come ashore for the day  
 To enjoy a good lark, and get rid of his pay  
 11 K stands for KETTLEDRUMS, played as you see  
 A performance like this very martial may be  
 12 L for LANCER, who stalks with importance immense  
 Got up with complete disregard for expense  
 13 M stands for MARINES—on the ocean they serve  
 And it isn't a pleasure at times, you'll observe  
 14 N and O, NAVAL OFFICERS, famed for brave deeds  
 Here are two little middles indulging in weeds

15 P is the PIPER, whose strains so entrance  
 The folks who pass by, that he makes them all dance  
 16 Q for QUEEN'S LIFE GUARDS, enormously tall;  
 They sometimes make other folks seem rather small  
 17 R stands for RECRUIT, undergoing the ills  
 Of what are now termed elementary drills  
 18 S stands for SENTRY—"I would be, I should say,  
 A proceeding excessively rash to delay  
 19 T is a TRUMPETER, eating plum duff,  
 If he eats his allowance he'll have quite enough  
 20 U the UNIFORM, worn 'mid Canadian snows  
 Where Jack Frost plays the mischief with fingers and toes  
 21 V stands for VETERAN, home from the WAR  
 We really don't think he could fight any more  
 22 X for TENTH Prince of Wales' own Royal  
 Hussars,  
 Very gorgeous to view are such bold sons of Mars  
 23 Y for YOUNG SUB-LIEUTENANT, his dress would imply  
 What his want of address (a dress) would most surely deny  
 24 Z the ZOULAV costume, with its colour so bright,  
 Which our bold negro infantry sport with delight  
 In this style were dressed  
 The bold Second West,  
 Who fought on the Gold Coast so well with the rest,  
 Where King Coffee Caloonli came off second best

**PM OUR PENNY READINGS.**

A SERIES OF ORIGINAL DESIGNS.

*Beautifully Painted, £2 10s. the set of 14 Scenes, with Reading.**Plain Photographs, £1 1s. with Reading.*

1 Introduction  
 2 A deputation wants Silas Moggs, Esq., who, after refusing three times out of pure modesty, consents to preside on the occasion  
 3 Silas Moggs, Esq. enters the Hall somewhat late and takes the chair  
 4 The Chairman rises and says, "Ladies and Gentlemen, as an Employer of Labour," &c.  
 5 The Chairman, as an employer of labour, keeps an errand boy  
 6 A gentleman recites, "The dead and front of my offence hath this extent, no more!"

7 And there was no more, he could not remember it  
 8 A lady enchants the audience with her singing  
 9 The Youthful Reofter, speaks through his nose  
 10 A lady in the audience says to her friend, "The words were very nice, but I did not think much of the tune, did you?"  
 11 A Young Lady and her Betrothed sing "Watching for Pa"  
 12 A solo on the Violin, a string breaks  
 13 Fearful consequences, a catastrophe  
 14 The whole of the performers unite in singing "God save the King"

**PN ALADDIN; OR, THE WONDERFUL LAMP.**

Original Designs, very effective. DESCRIPTIVE BOOK 1s.

*Beautifully Painted, Complete, £4 4s.; Cheaply Coloured, £3 the set.**Plain Slides, 22s. the set.*

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1 Aladdin meets the Magician</li> <li>2 Aladdin takes his pretended Uncle Home</li> <li>3 Magician shows the entrance to the Cave</li> <li>4 Finding the Enchanted Lamp</li> <li>5 The Genii of the Ring appears</li> <li>6 The Genii brings a sumptuous Repast</li> <li>7 Aladdin sees the Princess</li> <li>8 The Emperor receives Aladdin's mother</li> <li>9 Aladdin's present of Jewels carried by forty Slaves</li> </ol> | <ol style="list-style-type: none"> <li>10 The Emperor welcomes Aladdin to Court</li> <li>11 Aladdin's Palace built by the Genii of the Lamp</li> <li>12 Aladdin brings home the Princess</li> <li>13 "New Lamps for Old"</li> <li>14 Disappearance of Aladdin's Palace (moving effect)</li> <li>15 The Genii of the Ring carrying Aladdin (moving effect)</li> <li>16 Death of the Magician</li> </ol> |
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**PO THE BOYS AND THE RAVEN'S NEST.***Painted, £1 4s. the set; Plain Slides, 8s. the set. READING, 6d.*

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| <ol style="list-style-type: none"> <li>1 Two boys endeavouring to take a Raven's Nest</li> <li>2 The ladder topples over, boys exchange places</li> <li>3 They fall into the water and mud below</li> <li>4 One boy is dragged out by a dog whose master was passing</li> </ol> | <ol style="list-style-type: none"> <li>5 The dog refuses to fetch out the other boy</li> <li>6 The dog's master drags out the other</li> <li>7 They march home without the Nest</li> <li>8 The young Ravens, seeing their sad plight, greatly rejoice</li> </ol> |
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**PP CINDERELLA AND THE GLASS SLIPPER.***Painted, £1 10s. the set; Plain Slides, 10s. the set. DESCRIPTIVE BOOK, 1s.*

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| <ol style="list-style-type: none"> <li>1 Cinderella, as servant of all work, in the Kitchen</li> <li>2 " helping her Sisters to dress for the Ball</li> <li>3 Cinderella's Godmother (the Fairy) in the chimney corner</li> <li>4 " " turning the Pumpkin, &amp;c., into a Coach and Horses</li> <li>5 The Fairy changing Cinderella's Kitchen Dress into a beautiful Ball Dress</li> <li>6 The Prince picking up the Glass Slipper</li> </ol> | <ol style="list-style-type: none"> <li>7 Cinderella leaving the Palace after the clock had struck twelve</li> <li>8 The Herald proclaiming the Prince's wish that all the Single Ladies should try on the Glass Slipper</li> <li>9 Cinderella, having fitted on the Glass Slipper, produces its fellow</li> <li>10 The Marriage of Cinderella to the Prince</li> </ol> |
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**PQ COCK ROBIN AND JENNY WREN, MARRIAGE OF.***Painted, £1 13s. the set; Plain Slides, 11s. the set.*

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|--|--|
| <ol style="list-style-type: none"> <li>1 Marriage of Cock Robin and Jenny Wren</li> <li>2 Jenny blushed behind her Fan</li> <li>3 Cock Robin visits Jenny's House</li> <li>4 The Cock blows his Horn</li> <li>5 Parson Hook and his Book</li> <li>6 The Wedding Party</li> </ol> | <ol style="list-style-type: none"> <li>7 Bullfinch praises Jenny's modest Dress</li> <li>8 Cock Robin puts on the Ring</li> <li>9 The Concert, cause of the Quarrel</li> <li>10 Cock Robin shot by accident</li> <li>11 All the Birds mourning for Cock Robin</li> </ol> |
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**PR COCK ROBIN, THE DEATH AND BURIAL.***Painted, £2 2s. the set; Plain Slides, 14s. the set. BOOK, 1s.*

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| <ol style="list-style-type: none"> <li>1 This is the Sparrow who killed Cock Robin</li> <li>2 This is the My who saw him die</li> <li>3 This is the Fish who caught his blood</li> <li>4 This is the Beetle who made his shroud</li> <li>5 This is the Owl who dug his grave</li> <li>6 This is the Book with his little book</li> <li>7 This is the Lark who acted as clerk</li> <li>8 This is the Kite who carried him to the grave</li> </ol> | <ol style="list-style-type: none"> <li>9 This is the Linnet who fetched the Link in a minute</li> <li>10 This is the Dove who was chief mourner</li> <li>11 This is the Thrush who sang the Psalm</li> <li>12 This is the Bull who tolled the bell</li> <li>13 The Mourners, all the birds of the air</li> <li>14 Cock Robin's Grave, erected by public subscription</li> </ol> |
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**PS DAME PERKINS AND HER GREY MARE.***Painted, £1 4s. the set; Plain Slides, 8s. the set. DESCRIPTIVE BOOK IN VERSE, 1s.*

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| <ol style="list-style-type: none"> <li>1 Dame Perkins starts for Worcester market<br/>Quoth Farmer Perkins to Dame Meg<br/>"The morn is bright and fair"</li> <li>2 The Old Mare goes to sleep on the road<br/>In private she made up her mind<br/>To jog on in her sleep.</li> <li>3 Wakes up at the sound of the Hounds<br/>At length, as from an ugly dream,<br/>She woke with sudden snort.</li> <li>4 Hark forward! Tally ho! Tally ho!<br/>The old grey mare, in younger days,<br/>Now steady and sedate.</li> </ol> | <ol style="list-style-type: none"> <li>5 The First Jump clears the Hedge<br/>With one light bound she cleared the leap,<br/>Nor brushed it with her legs.</li> <li>6 The Brook stemmed, Eggs and Butter left behind<br/>She scarcely could believe her eyes.<br/>But 'twas no idle dream.</li> <li>7 Clears the Turnpike Gate<br/>It mattered little to the mare,<br/>She hadn't time to wait.</li> <li>8 The Dame presented with the brush in her own<br/>yard, before her admiring husband<br/>The mare lay panting on the straw<br/>Dame Perkins sat beside.</li> </ol> |
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**PT DICK WHITTINGTON AND HIS CAT.**

A Series of Original Designs.

*Painted, £1 4s. the set. Plain Slides, 8s. the set.*

- 1 Dick asks a Waggoner for a lift
- 2 Old London Street, Dick asks Mr. Fitzwarren for employment
- 3 Dick buys a cat in the Street
- 4 Sends the cat in by Captain of the "Unicorn"

- 5 Dick sitting by a milestone on Highgate Hill hears Bow Bells ringing
- 6 The Cat disperses the Rats in the Emperor of Morocco's Dining Hall
- 7 Return of the ship "Unicorn" with the gold sent by the Emperor to Dick
- 8 Dick betrothed to his Master's Daughter

**PU DIOGENES AND THE NAUGHTY BOYS OF CORINTH.**

DESCRIPTIVE BOOK IN VERSE, 1s.

*Painted, £1 16s. the set; Plain Slides, 12s. the set.*

- 1 Diogenes in his Tub discovered by a little Boy
- 2 Who calls his companion; they knock at the Tub
- 3 Diogenes sends them about their business
- 4 The little Boys squirt him through the bung-hole
- 5 Comes out of the Tub like a drowned rat
- 6 No more peace for Diogenes

- 7 They roll him in the Tub
- 8 The naughty Boys' clothes get caught by a nail
- 9 The Tub rolls on with the Boys on the top
- 10 The Boys underneath
- 11 The boys rolled out flat
- 12 Diogenes at peace in his Tub

**ELEPHANT HUNT BY A NATIVE, AND ITS CONSEQUENCES.****PV** *Painted, £1 16s. the set; Plain Slides, 12s. the set.*

- 1 An Elephant goes to take his morning's bath
- 2 First stands on the bank and takes a long drink
- 3 Native takes this opportunity to shoot at him
- 4 Elephant takes the next and pursues him
- 5 Having very few clothes on, the Elephant is obliged to catch him by the ear
- 6 Having caught him proceeds to shake him
- 7 Gives him a bath in the Lake, and attracts the attention of a Crocodile

- 8 Takes him up out of the water and holds him just over the Crocodile's open mouth
- 9 The Elephant gives him a shower bath
- 10 Took hold of him by his trousers
- 11 Repents, satisfies his revenge by dropping him into a prickly pear bush
- 12 The Elephant leaves him covered with prickles

**PW FIVE LITTLE PIGS.***Painted, £1 4s. the set; Plain Slides, 8s. the set.*

- 1 This little Pig went to Market
- 2 The Donkey refuses to go
- 3 This little Pig stays at Home
- 4 This little Pig gets into Mischief

- 5 This little Pig had Roast Beef
- 6 The good little Pig leads the blind Pig
- 7 The naughty little Pig plays at pig-a-back
- 8 The little Pig cries "Wee, wee," all the way home

**PX FROG AND THE DUCKS.***Painted, £1 16s. the set; Plain Slides, 12s. the set. READING, 6d.*

- 1 A Duck and Drake seeking a breakfast
- 2 A Frog who would a wooing go, is caught by the Duck
- 3 The Drake says, "What is mine is thine"
- 4 The Duck disputes it, but agrees to halve it
- 5 The Drake would swallow it whole, but the Duck prevents him
- 6 While quarrelling the Frog escapes
- 7 Leaps into the trough under the pump

- 8 Through a Duck trap pursued by the Ducks
- 9 The Ducks are caught but the Frog escapes
- 10 The Frog shows them the consequence of quarrelling and they cannot stop his croaking
- 11 The Foulterer settles the dispute by killing the Ducks
- 12 The Frog seriously injured but still able to smoke the soothing weed

**PY GENTLEMAN AND THE ROBBERS.***Painted, £1 16s. the set; Plain Slides, 12s. the set. READING, 6d.*

- 1 Two men say they are starving, ask for a dry crust at a Gentleman's House
- 2 Being a kind old Gentleman, he gives them a hot Dinner
- 3 Sends them home with the remains for their starving families
- 4 Repay his hospitality by another visit late at night
- 5 Endeavour to get in by cutting through the Wall
- 6 Old Gentleman, being a bachelor, is reading in bed, therefore quite wide awake

- 7 Gets out of the window to reconnoitre position
- 8 Sees would-be robbers half through the Wall, and prepares for action
- 9 Having taken a sight, gets hammer and nails
- 10 Having secured them to the wall, shouts, "Now I've nailed you!"
- 11 Having given them their dinners, proceeds to give them their deserts
- 12 After this they are allowed to depart—we hope wiser and better men

## 8 P Z

## BLOB THE SPIDER.

Or, Adventures of Rosywing, the Beautiful Fairy.

*Beautifully Painted, £1 4s. the set. Plain Slides, 7s. the set.**Descriptive Book, 4d.*

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| <ul style="list-style-type: none"> <li>0 Introductory Slide.</li> <li>1 Rosywing at Home in a sweet-scented rose receiving Company.</li> <li>2 Rosywing has a carriage formed by a sweet-pea blossom, and drawn by four humming-bird moths, presented by her friends.</li> <li>3 An enemy, Blob the Spider, arrives in the valley and causes great consternation.</li> </ul> | <ul style="list-style-type: none"> <li>4 Rosywing warns her friends that if they only touch Blob's web they would find themselves caught.</li> <li>5 Blob not catching any prey, suspects Rosywing has told her friends about his design and determines to be revenged.</li> <li>6 She is caught in his net while asleep, but a friendly woodpecker releases her, and snaps up Blob in his beak.</li> </ul> |
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## Q A

## DICK WHITTINGTON AND HIS CAT.

*Beautifully Coloured, the set in Case, £5 5s.; Cheaply Coloured, the set, £2 17s.**Plain Slides, 21s. the set.*

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1 Portrait of Whittington as Lord Mayor</li> <li>2 Portrait of the Celebrated Cat</li> <li>3 Dick resting by the Roadside</li> <li>4 Mr. Fitzwarren's House, Dick lying on the steps</li> <li>5 The Cook opens the door, and tells him to move off</li> <li>6 Mr. Fitzwarren speaks kindly to Dick</li> <li>7 Dick in his Bedroom disturbed in the night</li> <li>8 Highgate Hill, Dick resting—he dreams</li> <li>9 " " Alice appears in a dream</li> <li>10 " " Alice changes into a Cat</li> <li>11 " " Cat changes into a Lord Mayor</li> </ul> | <ul style="list-style-type: none"> <li>12 Dick buys a Cat of an old Woman</li> <li>13 Mr. Fitzwarren's Kitchen, Dick and the Cook</li> <li>14 Ship at Sea, moving Storm effect</li> <li>15 Banquet at the Chief's House</li> <li>16 Dick's Cat clears the house of the Rats</li> <li>17 Mr. Fitzwarren's Counting-house, the price of the Cat</li> <li>18 Marriage of Dick and Alice</li> <li>19 Lord Mayor Whittington, Moving Procession on the River</li> </ul> |
|--|--|

## Q B

## GRIMBEARD THE WOLF.

*Painted, £1 7s. the set. Plain Slides, 9s. the set.**THE TALE IN VERSE. Price 6d.*

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 Portrait of Wolf in his true character</li> <li>2 The Wolf disguises himself in a suit of clothes as Grimbeard</li> <li>3 In search of employment, is engaged as a Shepherd</li> <li>4 Proves his love to the Lambs by hugging them</li> <li>5 His Master's anger; Grimbeard dismissed</li> </ul> | <ul style="list-style-type: none"> <li>6 Engages himself to a Farmer, and falls foul of the Poultry</li> <li>7 The Farmer gives him his deserts with a stout stick</li> <li>8 Tries his fortune again, and is recognised as an old offender</li> <li>9 He then struggled and kicked, but he was strung—not cruelly treated—but properly hung</li> </ul> |
|--|---|

## Q C

## HANS IN LUCK.

DESCRIPTIVE BOOK WITH OTHER TALES, 1s. These Designs are registered by NEWTON &amp; Co.

*Painted, £1 10s. the set. Plain Slides, 10s. the set.*

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>1 Hans departs, carrying his lump of Gold</li> <li>2 Meets a horseman and buys his Horse</li> <li>3 Hans thrown from his Horse</li> <li>4 Exchanges his Horse for a Cow</li> <li>5 Hans tries to milk his Cow and falls</li> </ul> | <ul style="list-style-type: none"> <li>6 Exchanges Cow for a Pig, and Pig for a Goose</li> <li>7 Exchanges Goose for a Grindstone</li> <li>8 Stoops to drink, loses the Grindstone</li> <li>9 Rejoices, being freed from his wealth</li> <li>10 Hans arrives at his Mother's Cottage a wiser man</li> </ul> |
|---|---|

## Q D

## JACK THE GIANT KILLER.

ORIGINAL DESIGNS—COPYRIGHT. DESCRIPTIVE BOOK WITH OTHER TALES, 1s.

*Painted, £1 16s. the set. Plain Slides, 12s. the set.*

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>1 The Giant carries off some Cattle</li> <li>2 He falls into a Pit</li> <li>3 The Giant finds Jack asleep by a Well</li> <li>4 Jack takes a bunch of keys from the Giant's pocket</li> <li>5 The Giant attempts to kill Jack</li> <li>6 The Giant having his breakfast</li> </ul> | <ul style="list-style-type: none"> <li>7 Jack appears to the Giant during Breakfast</li> <li>8 Jack locks the two-headed Giant in a Vault</li> <li>9 Jack releases Captives from the Vault</li> <li>10 The double-headed Giant, Thunder, is killed</li> <li>11 Jack blows the Horn and the Castle is taken</li> <li>12 Jack appears at the Court of the King</li> </ul> |
|--|---|



## QE

## HOUSE THAT JACK BUILT.

*Painted, £1 10s. the set. Plain Slides, 10s. the set. Book, 6d.*

- |  |  |
|--|--|
| 1 This is the House that Jack Built      | 6 This is the Maiden all forlorn           |
| 2 This is the Rat that ate the Malt      | 7 This is the Man all tattered and torn    |
| 3 This is the Cat that killed the Rat    | 8 This is the Priest all shaven and shorn  |
| 4 This is the Dog that worried the Cat   | 9 This is the Cook that crowed in the morn |
| 5 This is the Cow with the crumpled horn | 10 This is the Farmer who sowed the Corn   |

## QF

## JOHN GILPIN.

*Painted, £2 5s. the set. Plain Slides, 15s. the set. Book, 6d.*

- |  |  |
|--|--|
| 1 Introduction   | 9 "The bottles twain behind his back were shattered at a blow"   |
| 2 "John Gilpin's spouse said to her dear"                    | 10 "Stop, stop, John Gilpin, here's the house"                   |
| 3 "John Gilpin kissed his loving wife"                       | 11 "At his friend the Calender's, his horse at last stood still" |
| 4 "Smack went the whip, round went the wheels"               | 12 "A haying ass did sing most loud and clear"                   |
| 5 "For saddle-tree scarce reached had he"                    | 13 "The youth did ride, and soon did meet"                       |
| 6 "Twas long before the customers were suited to their mind" | 14 "Stop thief, stop thief, a highwayman"                        |
| 7 "Now see him mounted once again upon his nimble steed"     | 15 "For he got first to town"                                    |
| 8 "The cloak did fly like streamer long and gay"             |  |

## QG

## JACKDAW OF RHEIMS.

*Beautifully Painted, £3 3s. the set. Plain Slides, 10s. the set. Reading, 6d.*

- |   |  |
|---|--|
| 1 The Jackdaw sat on the Cardinal's chair         | 7 Where the first thing they saw 'midst the sticks and the straw |
| 2 The little Jackdaw kept hopping about           | 8 And being thus coupled with full restitution                   |
| 3 A nice little Boy held a golden ewer            | 9 He hopped now about with a gait devout                         |
| 4 The Priars are kneeling and hunting and feeling | 10 It's the custom at Rome new names to bestow                   |
| 5 In holy anger and pious grief                   | So they canonized Jack by the name of "Jim Crow"                 |
| 6 When the Sacristan saw on crumpled claw         |  |

## QH

## OLD MAN AND THE ASS.

*Painted, £1 4s. the set. Plain Slides, 8s. the set.*

- |   |   |
|---|---|
| 1 Feeding the Ass for the last time     | 5 They both ride, meet Humane Society's Officer |
| 2 Man and Boy driving the Ass to Market | 6 They carry the Ass on a pole between them     |
| 3 The Boy Rides, the Old Man Grumbles   | 7 The Ass falls over the Bridge                 |
| 4 The Old Man Rides, women jeer him     | 8 Moralize over the body of the dead Ass        |

## 8 QI OLD PRICKLES; OR, THE HEDGEHOG AND THE ELF.

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*Beautifully Painted, £1 4s. the set. Plain Slides, 7s. the set.*

*Descriptive Book, 4d. Containing also the three following Stories.*

- |   |  |
|---|--|
| 0 Introductory Slide.   | 4 "We will see about that," says old Prickles.                                     |
| 1 Gobble, the Elf, meets old Prickles going home with his supper.       | 5 Old Prickles recovers his supper, and gives Gobble a very uncomfortable ride.    |
| 2 Gobble skips behind and steals the apples.                            | 6 Old Prickles carries him home to his family and Gobble was never heard of again. |
| 3 Then faces the hedgehog, and says, "Don't you wish you may get them?" |  |

## QK

## PUSS IN BOOTS.

*Painted, £1 16s. the set. Plain Slides, 12s. the set. Descriptive Book, 1s.*

- |  |   |
|--|---|
| 1 Introduction to Puss in Boots, his Portrait    | 8 Running before the Royal Carrriage  |
| 2 What the Cat says to the Miller's youngest son | 9 Puss calling on the Magician at the Castle (up)   |
| 3 Measure taken for Puss's boots by the Cobbler  | 10 Magician transformed into a Mouse and gobbled  |
| 4 The Boots tried on—a capital fit—and paid for  | 11 The Marquis takes possession of the Castle   |
| 5 Puss presents the Partridges to the King       | 12 The Marriage Procession of the Princess and the Miller's youngest son. Puss made Prime Minister. |
| 6 Puss in the Royal Kitchen hears the News       |   |
| 7 Puss in distress. The Marquis in the water     |   |

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## QL

## JACK AND THE BEANSTALK.

*Painted, £1 16s. the set. Plain Slides, 12s. the set. READING, 6d.*

- 1 Jack takes the Cow to Market
- 2 Sells his Mother's Cow
- 3 Brings home the wonderful Beans
- 4 Jack climbs the Beanstalk
- 5 Meets an old woman who turns out to be a Fairy
- 6 The Fairy tells Jack the Giant murdered his Father

- 7 Jack begs for a night's lodging at the Giant's Castle
- 8 Jack steals the Giant's Hen
- 9 Carries off the Money Bags
- 10 Gets safe away with the Fairy Harp
- 11 Jack kills the Giant
- 12 The Fairy gives Jack good advice

## QM

## LITTLE RED RIDING HOOD.

ORIGINAL DESIGNS—COPYRIGHT.

*Painted, £1 4s. the set. Plain Slides, 8s. the set. BOOK, 1s.*

- 1 "I want you to go like a good child, and take Grandmother these cakes and pot of butter"
- 2 "Good morning, Little Red Riding Hood."
- 3 "Good morning, Master Wolf"
- 4 "It's your granddaughter, Little Red Riding Hood," said the Wolf, imitating her voice
- 5 The Wolf sprang upon her, and ate her up

- 6 The Wolf, softening his voice as much as he could, said, "Pull up the bobbin, my dear"
- 7 "But, Grandmother, how your ears stand up"
- 8 Hugh, the woodman, and his mates, burst into the room, and the Wolf leaped through the window
- 9 The woodman overtook the Wolf at the edge of the wood, and killed him

## QN

## LORD BATEMAN.

*Painted, £1 16s. the set. Plain Slides, 12s. the set. BOOK, 6d.*

- 1 Lord Bateman before he embarked
- 2 Imprisoned by the Turks
- 3 The Turk's daughter in love with Lord Bateman
- 4 The "Wow"
- 5 The Turk's daughter hiding his lordship farewell
- 6 The proud young Porter answers the door

- 7 The proud young Porter in Lord Bateman's State Apartment
- 8 The young Bride's Mother speaks freely
- 9 The young Bride on a Horse and Saddle
- 10 Goes home in a Coach and Three
- 11 Lord Bateman and his other Bride and Domestic
- 12 Lord Bateman, his Marriage

## QO

## MISTLETOE BOUGH.

*Painted, £1 1s. the set. Plain Slides, 7s. the set. READING, 6d.*

- 1 The old Oak Chest
- 2 "I'll hide, I'll hide," she merrily cried
- 3 Its lid was raised, she an instant gazed
- 4 Then in she slept, her bright robe swept
- 5 They sought her all night, they sought her next day

- 6 Years flew by, when they found her skeleton in the old Oak Chest
- 7 The old Oak Chest at Bramshill House, said to be the very Chest in which the Bride hid

## QQ

## PUSSY'S ROAD TO RUIN.

*Painted, £1 16s. the set. Plain Slides, 12s. the set.*

READING IN VERSE, 6d.

- 1 Dame Tabby's Good Advice to her kitten
- 2 Industrious Habits, being taught to spin
- 3 Pussy catches her first mouse
- 4 Grimalkin's Temptation succeeds too well
- 5 The Moonlight walk on the Tiles
- 6 Its ill effects on Pussy's future life

- 7 A Garrotte Robbery planned and carried out
- 8 Robs her Best Friend
- 9 A Mother's Advice neglected
- 10 Vanity her ruin, kills her Master's Canary
- 11 Captured and Condemned by her Master
- 12 Repentance in Prison, too late

# AFI THE SQUIRE'S CHRISTMAS PRESENT AND WHAT BECAME OF IT.

*Painted, £1 4s. the set; Plain Slides, 8s. the set.*

READING, 6d.

- 1 Introductory Slide.
- 2 The Squire sets out on his journey accompanied by his retinue.
- 3 An altercation between the two fighting cocks causes the mare to bolt.
- 4 The battle continues in earnest, while John cheers them on.

- 5 The old parson hurries down the hill.
- 6 Enthusiastically he cheered his fancy.
- 7 The parson's bird managed to stretch his opponent out.
- 8 The winning chanticleer presented to his backer.

## QR

## ROBINSON CRUSOE.

*Beautifully Painted, £5 10s. ; Cheaply Coloured, £3 10s. the set. Book, 1s.*

*Plain Slides, £1 2s. the set.*

- 1 Introduction to the Tale
- 2 Crusoe Shipwrecked, reaches Land
- 3 " sleeps in a Tree
- 4 " loading his raft at the wreck
- 5 " steering his raft from the wreck to the shore
- 6 " keeps a Calendar
- 7 " discovers Goats on the Island
- 8 " kills a Goat, captures a Kid
- 9 " fences a Puddock for the Goats
- 10 " finds Turtles and Penguins on the Island
- 11 " Family at Home in his own House

- 12 Crusoe alarmed at Footsteps of the Savages
- 13 " in his fort on guard in a great fright
- 14 " rescues Friday from Savages
- 15 " Friday instructed in Boat-building
- 16 " and Friday rescues Spaniards from Savages
- 17 " sees an English Ship and signals her
- 18 Captain of Mutineers hanged at Yard-arm
- 19 Crusoe arrives at Lisbon
- 20 Friday's antics with the Bear in Russia
- 21 The Wolves driven off from the Travelling Party
- 22 Crusoe settles in England and marries

## QS

## SINBAD THE SAILOR.

*A Series of Original Designs.*

*Beautifully Painted, £5 10s. the set ; Cheaply Coloured Series, £3 10s.*

*Plain Slides, 24s. the set. Book, 1s.*

- 1 Balsora, Sinbad leaves the Port on his first voyage
- 2 The whale mistaken for an Island
- 3 Sinbad ties himself to the Roc's Leg
- 4 Sinbad in the Valley of Diamonds and Serpents
- 5 The Red-haired Dwarf seizes the Ship
- 6 The one-eyed Giant eats the Captain
- 7 The Giants sink the Rafts with great Stones
- 8 The great Serpent swallows Sinbad's Comrade
- 9 Funeral Procession of Sinbad's Wife, long panoramic slide [Buried Alive]
- 10 Sinbad escapes from the Pit in which he was

- 11 The Merchants break open the Roc's Egg
- 12 Leave the Island in Ship. The Roc sinks the Vessel with large Stones, moving effect slide
- 13 Sinbad makes the Old Man of the Sea drunk
- 14 The Monkeys pelt the Merchants with Coconuts
- 15 Sinbad enters the Cavern on a Raft
- 16 Brought before the King of Serendib
- 17 Sinbad carried by an Elephant to the Cemetery
- 18 Sinbad relates his Adventures to the Caliph of Bagdad

## QT

## THE TALE OF A TUB.

*DESCRIPTIVE BOOK, 1s.*

*Painted, £1 4s. the set. Plain Slides, 8s. the set.*

- 1 The Tiger asleep, early morning
- 2 The Tiger awakes by the noise
- 3 Approach to disturbance, the Tiger advances
- 4 The Artful Dodge round the Tub
- 5 Look before you leap, Tiger falls into the Tub

- 6 Under Cover, Tiger inside, noonday
- 7 Keeping Tiger under the Tub, Men standing on top
- 8 Increasing interest of the Tail. Climax, a Knotty point. Moonlight Scene

## THE YOUNG RAGAMUFFINS.

*Painted, 3s. each ; Plain Slides, 1s. each,*

*DESCRIPTIVE BOOK WITH OTHER TALES, 1s.*

QU *Boy Careless of his Clothes.*

- 1 Climbs a tree and gets hooked
- 2 Slides down the bannisters
- 3 Clothes torn to pieces, he becomes a scarecrow

QV *The Boy and the Eagles.*

- 1 Takes the Eagle's Nest
- 2 Old Eagles watch the boy home
- 3 Eagle hopped on the window-ledge, and sees the boy all snug in bed
- 4 Both Eagles rob the Boy's Nest
- 5 They carry him to their Nest
- 6 He is put into a cage to amuse the young Eagles

QW *The Boy who was frightened at Soap and Water.*

- 1 Refuses to be washed and gets blacker and blacker
- 2 So black, supposed to be a nigger, was captured by a slave dealer
- 3 Who sold him for a Negro Slave, was then whipped instead of washed

QX *Boy who ill-treated the Servants*

- 1 He kicked the Nurse and tore her gown
- 2 Servants all leave, Cookey and John on their way to town
- 3 He has to clean his own boots
- 4 Cooks his dinner and sets fire to the chimney
- 5 Jumps out of window, caught by the Servants

QY *The Boy who mimicked his Grandfather.*

- 1 Watches his granddad take snuff
- 2 Imitates him and takes some
- 3 Begins to sneeze, and what became of him

QZ *The Greedy Thief.*

- 1 Inside the Pantry eating the Jam
- 2 The family come home, find him jammed inside the pantry door
- 3 Portraits of all the young Ragamuffins

**RA****REYNARD THE FOX.***Painted, £3 5s. the set. Plain Slides, 18s. the set.*

- 1 The Impeachment before the Court
- 2 The Fox in Sheep's Clothing
- 3 Bruin, the Royal Messenger, sent to the Fox
- 4 Bruin the Bear caught in a Cleft
- 5 Malkin the Cat delivering his Message
- 6 Reynard condemned and about to be hanged
- 7 The Ram executed by the King

- 8 Reynard feigns death and catches a Crow
- 9 Bids adieu to his wife and family
- 10 The Stratagem, or price of a Foal
- 11 The Ape intercedes with the King for Reynard
- 12 The Battle between the Fox and the Wolf
- 13 Reynard honoured by the King

**RB****THE STORY OF A TOADSTOOL.***Beautifully Painted, £1 15s. the set. Plain Slides, 10s. the set.**Descriptive Book, 4d.*

- 1 Two little Elves decide not to work, but to dance on a Toadstool
- 2 "A Monster Toad," gasped Dandelion, "with a mouth big enough to bite your head off"
- 3 The two Elves scurry off as fast as their legs can carry them
- 4 "Let's steal on the enemy from behind"

- 5 "Let's tie a string to one of his legs"
- 6 Dandelion and Blindweed ride on the Toad's back
- 7 "We'll get on his back together, he seems very harmless"
- 8 The Toad tosses them both into the Pool
- 9 They are dismissed with a Toad's blessing

**XR THE STORY OF MOONBEAM AND THE BIRDIES.***Beautifully Painted, 14s.; Plain Slides, 4s. the Set.**Descriptive Book, 4d.*

- 9 Introductory Slide
- 1 The Nest

- 2 Minding the Babies.
- 3 Learning to Fly.

**RC****THE SIGNAL BOX. (LIFE MODELS.)***Beautifully Painted, £1 10s. the set. Plain Slides, 6s. the set. READING, 1s.*

- 1 I was on the Box down yesterday
- 2 I kissed our sleeping child
- 3 I lifted him up, and he kissed his little hand

- 4 What shall I do? Oh, Heaven
- 5 That voice, O, merciful Heaven! 'tis the child
- 6 She leapt on the line and saved him

**RD MARY THE MAID OF THE INN. (LIFE MODELS.)***Beautifully Painted, £2 10s. the set. Plain Slides, 10s. the set.*

- 1 Who is she? the poor Woman, a Winter Night Scene
- 2 Mary welcomed him with a smile
- 3 A Summer Scene, Mary loves young Richard
- 4 Seated by the fireside, Mary playing with the dog
- 5 One of the gentlemen wagers a dinner

- 6 Mary on her way to the Abbey, a stormy night
- 7 She breaks off a bough, and is about to return
- 8 She sees two men and bides behind a column
- 9 She reaches the inn, falls down in a fit, and becomes a maniac
- 10 The Gibbet on which Richard was hung

**RE SET OF HUMOROUS SLIDES WITH RAPID CHANGES.***Beautifully Painted 7s. the pair. Plain Slides, 2s. the pair.**Two Slides to each Subject.*

- 1 "Now, Tommy," said Auntie, "don't touch." But he did (a warning to meddlesome boys)
- 2 Jack Knowall's invention. By Jingo, the water's black (ink substituted for water)
- 3 Keep the pot a-boiling. Bofled over
- 4 His first run with the Hounds. The result
- 5 Nothing venture, nothing have. Over venturesome, caught
- 6 The vain goose's mirror; "I am really beautiful" Foxy says, "Yes, for supper"
- 7 A haunted house. "Let's knock and run away." Consternation
- 8 Johnny attacks the Christmas pudding. The Christmas pudding attacks Johnny
- 9 Canoeing on the Nile. A nice quiet place for study. The dental system
- 10 Something to eat. And now to drink
- 11 Baby Harry balances himself with the tablecloth. He falls; there is no mistaking the fact
- 12 Sport in the Tropics. The bitter bit

R F

## MOVEABLE LEVER SLIDERS.

6s. 6d. to 10s. 6d. each.



No. 12.



No. 17

- 1 Analytical Chemist
- 2 Bill-poster, Man on the Ladder
- 3 Black Nurse and Child
- 4 Blacksmith at work at Horseshoe
- 5 Blind Fiddler
- 6 Boy and Kicking Donkey
- 7 Boy Stealing Apples, caught in the act
- 8 Cabin of a Steamer and its Comforts
- 9 Cat's Paw, Monkey and Chestnuts
- 10 Cat being washed at the Pump
- 11 Cat Nuisance, Midnight Disturbances
- 12 Cat setting up her back
- 13 Children playing at See-saw Fig. 12
- 14 Clown and Pantaloon with Caldron, 10s. 6d.
- 15 Cobbler at work at his Stall
- 16 Comic Head, Moving Chin and Eyes
- 17 Cooking Sausages in a Frying Pan
- 18 Cow drinking at the River, Fig. 17
- 19 Cup of Tea, confidential Chat
- 20 Dancing Monkey, and Man playing Fiddle
- 21 Dog, and Monkey caught by his tail
- 22 Dog of St. Bernard rescuing Traveller from Snow
- 23 Dog opening Mouth and Smoking a Pipe, 10s. 6d.
- 24 Excursionists surrounded by the Tide, Signal of Distress
- 25 Entomologist in full chase after a Butterfly
- 26 French Female Barber
- 27 French Soldier beating Drum
- 28 Gentleman Fishing, nearly caught
- 29 Girl feeding Goat
- 30 Girl Swinging
- 31 Goat browsing on top of cliff
- 32 Grooming a Horse
- 33 Horse drinking at a Pond
- 34 Horse feeding at a Trough
- 35 Horse kicking, Man leading Horse
- 36 Lady's Obignon, Mouse coming out of Nest

- 36 Lady on Horseback
- 37 Man breaking Stones at the Road-side
- 38 Man driving Pig Home
- 39 Man flying through the Air
- 40 Man in Stooks moving face
- 41 Man with Pickaxe at Work
- 42 Margate Sands, Lady on Donkey
- 43 Monkey eating
- 44 Monkey drinking out of Bottle
- 45 Monkey reading Newspaper
- 46 Monkey with Red-hot Poker, & Jackdaw in Cage
- 47 Monkey filling in an Artist's Sketch
- 48 Man Begging, takes off his Hat, 7s. 6d.
- 49 Musicians at a Show
- 50 Night Policeman on special duty
- 51 Pat's Welcome to his Pig
- 52 Picnic and an Intruder, Snake in the Grass
- 53 Please remember the Grotto
- 54 Pleasure Party in Boat
- 55 Punch and Judy riding a Horse
- 56 Rubbing in, or Gouty Leg
- 57 St. Bernard Alarm Bell
- 58 Sambo dressing for a Party
- 59 Sanitary Commissioner, Monkey washing Cat
- 60 Ship at Anchor, Moonlight Scene
- 61 Shoeblok brushing Boot
- 62 Schoolmaster and Pupil
- 63 Squirrel eating Nuts on a Tree
- 64 Stag rubbing itself with Antlers
- 65 Swinging Boat at the Fair
- 66 Tiger in a Tub
- 67 Topsy Dressing
- 68 Washing Day, Woman Washing Clothes in a Tub
- 69 Woman blowing the Fire with Bellows
- 70 Woodman cutting down a Tree
- 71 Young Bill-poster sticking Bill on a Man's Back

R G

## MOVEABLE COMIC SLIDERS.



Best Quality, 3s. 6d. each.

These are very carefully drawn and photographed, and are very superior in painting to the ordinary Comic Slipping Slides.

- |   |  |                                   |
|---|--|-----------------------------------|
| 300 Acrobat balancing Globe on his Foot [Shoulders]       | 314 Balloon Ascent                                       | 329 Dancing Zulu [Bow Bells]      |
| 301 Acrobat balanced on Man's                             | 315 Cauliflower and Venus                                | 374 Dick Whittington listening to |
| 302 Acrobat on Pedestal [Chairs]                          | 316 Chinese Juggler with Heads                           | 380 Dynamite in Christmas Pinn    |
| 303 Acrobat performing on two                             | 317 Cobbler at Work                                      | Pudding                           |
| 304 A Present from Brighton                               | 318 Cookney Fishing [oat Toy]                            | 391 Elephant Acrobats             |
| 305 A Spoilt Baby   | 319 Countryman and the Mebant-                           | 392 Electrified Xmas Pudding      |
| 306 Acrobat (3 figures)                                   | 320 Cat following Rat                                    | 393 Elephant Dancing              |
| 307 Adventure with a Crocodile on the Nile [Plum Pudding] | 321 Cat playing with Monse                               | 394 Elf riding a Pig, tumbles     |
| 308 A Merry Christmas, Cook and                           | 322 Chimney Sweep, an early riser                        | 395 Family Umbrella               |
| 309 Baking out of going to Market                         | 323 Chinese playing Shuttlecock                          | 396 Farmer sowed by a Frog        |
| 310 Blacksmith at Work at his Forge                       | 324 Clearing the Letterbox, Telegraph Boy [through Hoop] | 375 Frog catching a Fly           |
| 311 Boy and Old Man's Wig                                 | 325 Clown and Dog jumping                                | 387 Girl playing at Shuttlecock   |
| 312 Boy frightened by Goose                               | 326 Conjuror tossing Balls                               | 398 Girl Skipping                 |
| 318 Boy playing Leapfrog                                  | 327 Countryman at the Tower                              | 399 Hare, roast, underdone        |
|   | 328 Cricketer knocks down Wicket and stops Ball          | 340 Hold out your hand, Sir       |
|   |  | 341 Impudent Monkey and Old Woman |

## MOVEABLE COMIC SLIDERS—Continued.

*Best Quality, 3s. 6d. each.*

- |   |  |   |
|---|--|---|
| 842 Indian playing on the Tom-tom         | 852 Peacock opening Tail                       | 864 Sketching from Nature; a scene                  |
| 843 Jack in the Box                       | 853 Performance on two Chairs                  | in the desert                                       |
| 844 Japanese nursing Baby                 | 854 Performing Elephant & Keeper               | 365 Tailor at Work                                  |
| 845 Japanese Decapitation Trick           | 855 Performing Dog and Monkey                  | 366 The Bumping See-saw                             |
| 846 King Fishers, Man and Bird            | 856 Performing Frog                            | 367 The Missing Link                                |
| 847 Lady and Kicking Donkey               | 857 Political Speech, or, Tub Orator           | 368 Turk throws off his Head                        |
| 848 Lecture on Tobacco                    | 858 Punch and Welcome                          | 369 Tight-rope Dancer                               |
| 849 Man wishing Good-night                | 859 Punch growing Nose                         | 380 Trotter. Pork Butcher's Shop                    |
| 850 Magpie steals Bone from Dog           | 860 Slumber, my Darling                        | Window [Pig]  |
| 851 Monkey with Newspaper, smoking Pipe   | 861 Somnambulism & its Dangers                 | 370 Tumbling Dwarf and Running                      |
| 349 Organ Grinder and Monkey              | 879 Spanish Gipsy. Castanette Dancer           | 371 Village Dentist drawing Tooth                   |
| 350 Old Father Christmas and Plum Pudding | 862 Studying Isaac Walton over the garden wall | 372 When the Pie was opened the Birds began to sing |
| 361 Pat riding kicking Donkey             | 863 Schoolmaster's Portrait                    | 373 Windy Day                                       |
|   |  | 381 Woman trying to catch a Mouse                   |

## R H MOVEABLE COMIC AND OTHER SLIDERS.

*2s. each.*

- |  |  |                                     |
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| 11a Why is a good story like a church bell?                                    | 49 Why is St. Paul's like a bird's-nest?            |
| 12 What makes a chemist a wit?   | 50 Why is a cabbage run to seed like a lover?       |
| 13 When is a man thinner than a lath?  | 51 Why are lovers like apples?                      |
| 14 What word contains all the vowels and in their proper order? [board ship?]  | 52 Why are hot-rolls like caterpillars?             |
| 15 What vegetable is anything but agreeable on                                 | 53 What is most likely to become a pretty woman?    |
| 16 When is a lover like a tailor?  | 54 Why does a railway porter out a hole in your     |
| 17 Why are fowls the most economical things farmers keep? [water?]             | 55 What ship carries the most passengers? [ticket?] |
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As desired by Princess Christian to say she is very much pleased with the Case of the Globe made for her by Mr. Newton.

*Royal Institution, Albemarle Street, June 6th, 1891.*

I honour to inform you, that at the Meeting of the Managers, held on Monday, you were appointed to be one of the PHILOSOPHICAL INSTRUMENT MAKERS to the Royal Institution, and I further advise.

I am, Sirs, your obedient servant, FREDERICK BRAMWELL, Hon. Sec.

I beg to give the Customers any further information regarding the Apparatus, either by letter or personal application at their Establishment.

The project was chosen through a process of the project

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Berlin, the German capital, history of  
Germany (1945-1990) and the city.

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