LIST B 7
Reprinted 1954

Interim Price List

OF

EQUIPMENT

FOR

MICROSCOPY, NATURE STUDY

AND

GENERAL LABORATORY USE

Pending the issue of New Editions of
our Illustrated Catalogues B. and C.

●

FLATTERS & GARNETT LTD.
309 OXFORD RD. - MANCHESTER, 13

Established 1901

Members of the Scientific Instrument Makers' Association of Gt. Britain

LIST B 7
Reprinted 1954

EQUIPMENT

FOR

MICROSCOPY - NATURE STUDY

AND

GENERAL LABORATORY USE

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FLATTERS & GARNETT LTD.

309 OXFORD ROAD - MANCHESTER, 13

Established 1901

Laboratories & Works—Fallowfield. Telephone—ARDwick 4545 (2 lines)

NOTES

1. Catalogue numbers refer in the main to our Catalogues H3 (1938), C (1937) and B (1933)—all now out of print, in which will be found illustrations and more detailed descriptions of many of the items listed.

2. The items mentioned in this list are those in most popular demand. We shall be glad to quote for biological equipment not listed on receipt of full details.

3. Prices are liable to alteration with or without notice. Orders can only be accepted for supply at the prices ruling at the time of despatch.

NOTE TO PERSONS ORDERING

1. Satisfactory references or a remittance to cover cost of the goods and packing and postage, should be sent with the first order.

2. Orders should be written on one side of the paper, and kept separate from letters or enquiries.

3. All orders are insured for a small fee against loss or damage in transit. Goods are carefully packed but should breakage or loss occur advise us and the carriers immediately, **retaining the goods and packing for inspection by the carriers ;** otherwise no claim can be entertained.

EXPORT ORDERS

Arrangements are to be made for payment against documents in England by irrevocable letter of credit at an English Bank, or other agreed means.

Packing cases, carriage, freight and insurance charged at cost.

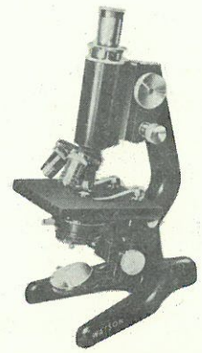
All consignments are insured by us against loss or damage in transit, unless instructions are given to the contrary.

Prices are liable to alteration with or without notice.

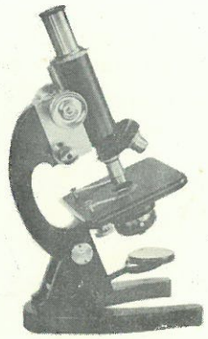
MICROSCOPES



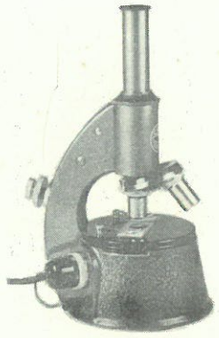
BECK 47B(1).



WATSON "SERVICE."



PRIOR 506



BAKER "BIOLUX."

At the time this price list is printed, our own ' Precision ' Microscopes are not being made owing to the heavy demand for Microprojectors. We hope that it will soon be possible to resume the manufacture of Microscopes, and in the meanwhile are able to offer stands by other English makers. Many of these are usually available from stock or early delivery. Other stands can also be supplied, and our experience as Microscopists is always available to assist clients in the selection of suitable outfits.

STUDENTS' MICROSCOPES FOR ELEMENTARY AND ADVANCED WORK

TYPE A : Stand with fine and coarse adjustment, simple substage with iris. Without condenser. 1 eyepiece 2 objectives. Double nosepiece.
TYPE B : Students' stand for general biological work. With fine and coarse adjustments, triple nosepiece 2/3″ and 1/6″ objectives, Abbe condenser, spiral focussing substage, 2 eyepieces in case.
TYPE C : As ' B ' but with rack and pinion substage.
TYPE D : As ' C ' but with built-in mechanical stage, 1/12″ oil immersion objective, achromatic condenser.

Maker's Name	TYPE A		TYPE B		TYPE C		TYPE D	
	Code No.	Price	Code No.	Price	Code No.	Price	Code No.	Price
		£ s. d.		£ s. d.		£ s. d.		£ s. d.
Baker	—		—		3ES/8		3BQ/10	
Beck	47A(2)		47B(1)		47C		47L	
Prior	501/NP		506		511		516/752	
Swift	—		—		BSG1774		—	
Watson-Kima	4A37		4A38		—		—	
„ Service ...	—		—		3A30/2		—	

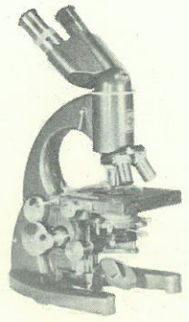
SMALL MICROSCOPES—FOR LOW POWER ELEMENTARY WORK

BAKER "BIOLUX" Microscope with built in light scource. Coarse and fine adjustments, with ⅔″ and ⅙″ objectives, ×7.5 eyepiece, double nosepiece, without case ... ...
BAKER "BIOLUX" Microscope as above, with ⅔″ objective only and without nosepiece, without case ... ...
Spare bulbs for mains voltage ; each ... ...
Spare bulbs for 12 volts ; each ... ...

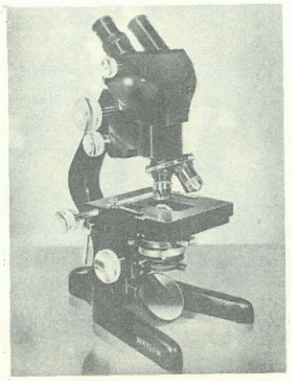
Please state voltage when ordering.

BRITEX. Small, inclinable microscope, with scroll focussing adjustment. Specially designed stage for easy slide manipulation. Telescopic drawtube, giving magnifications ×50 to ×200 with ½″ objective. Complete outfit in case ... ...
Condenser with iris diaphragm for use with above, extra ... ...

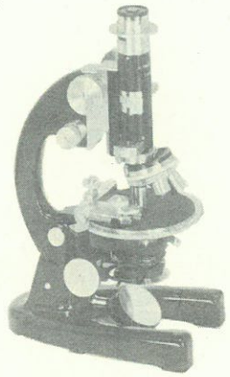
PRIOR. Small inclinable microscope of sturdy construction, with coarse and fine adjustments. Magnifications 30 to 175. Standard objectives may be used on this instrument.
No. 520 with eyepiece and objective complete in case ... ...



BAKER 4/BQ.



WATSON "BACTIL."



SWIFT "ADVANCED STUDENTS."

HIGH POWER BINOCULAR MICROSCOPES FOR RESEARCH

BAKER 4BQ/Inc/ BITU/10B Substantial foot and inclinable limb. Fine and coarse adjustment and substage focussing, milled heads at a convenient level for manipulation while the hands rest on the bench. With interchangeable body fitted with inclined Binocular eyepieces, built-in mechanical stage. Triple nosepiece. 2 pairs eyepieces, ×5 and ×10. ($\frac{2}{3}$″, $\frac{1}{6}$″ and $\frac{1}{12}$″ N.A. 1.30 Objectives). Achromatic condenser with iris. ... ...

Many alternative outfits are available—particulars on application.

BECK 48/L Stand with built-in mechanical stage, coarse and fine adjustments, rack and pinion focussing and centring substage, inclined Binocular eyepieces. Triple nosepiece. With 2 pairs of eyepieces ×6 and ×10, $\frac{2}{3}$″, $\frac{1}{6}$″ and $\frac{1}{12}$″ objectives, Achromatic condenser with iris. ... ...

Beck apochromatic objectives are available for use with the above at an extra cost of for the set.

WATSON BACTIL. Inclined binocular head, interchangeable monocular body, rectangular mechanical stage. Rack and pinion substage, triple nosepiece, 2 pairs of eyepieces. $\frac{2}{3}$″, $\frac{1}{6}$″, $\frac{1}{12}$″ objectives. Aplanatic condenser in centring mount ... ...

Equipment for Phase Contrast Microscopy

BAKER. $\frac{2}{3}$″ and $\frac{1}{6}$″ Phase Contrast Objectives, condenser and special observing microscope for centring, without case ... ...
$\frac{1}{12}$″ objective for use with above ... ...

BECK. Substage condenser, centring substage trays with annular stops, Green filter, observing Microscope, nosepiece pinhole, 16 mm., 8 mm., 4 mm., and 2 mm. Oil immersion phase contrast objectives. In case ... ...

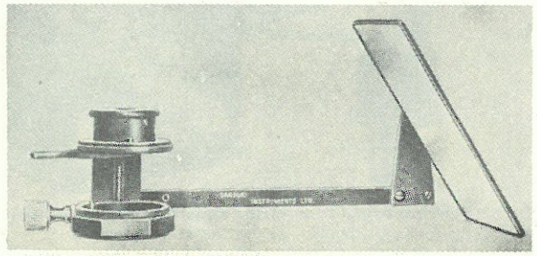
PETROLOGICAL AND METALLURGICAL MICROSCOPES

SWIFT. Polarising Petrological Microscope with rotating graduated circular stage. This instrument has coarse and fine adjustments and is supplied with a ×6 cross-lined eyepiece, polaroid analyser and polariser, centring nosepiece, Bertrand lens, Abbe condenser with iris diaphragm, 25 mm, 6 mm and 3 mm objectives, triple nosepiece, Quartz wedge, gypsum plate, eyepiece and stage micrometers. CODE No. P.53.

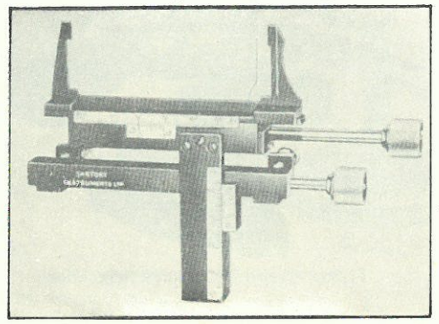
BAKER. BLM Series Metallurgical Microscope. Substantial foot and stand with inclinable limb. Large square stage fitted with rack and pinion focussing movement on a dovetail slide. Standard coarse and fine adjustments and divided drawtube are fitted.
3MET/16 Microscope in case as above with ×5 and ×10 eyepieces, $\frac{2}{3}$″, $\frac{1}{6}$″ and $\frac{1}{12}$″ objectives, electric vertical illuminator. ... ...

Illustrated lists of these and other stands available on application.

ACCESSORIES FOR THE MICROSCOPE



H.362. CAMERA LUCIDA.



H.304. MECHANICAL STAGE.

H.405. **Triple nosepiece**—dustproof circular pattern. ... ...

H.351. **Eyepiece :** Huyghenian R.M.S. Standard Students size .917 inch. ×5, ×10, or ×15. ...

H.354. **Pointer Eyepiece :** Huyghenian, movable pointer; ×10. ... ...

H.372. **Condenser :** F. & G. Abbe Condenser in standard R.M.S. mount, complete with iris diaphragm and stop carrier. ... ...

H.376. **Beck focussing High Power Dark Ground Condenser** for use with a wide range of objectives including oil immersion.
In plain substage fitting ... ...
In centring substage fitting ... ...

H.304. **Mechanical stage** to clamp on to most Microscopes with a square stage. Vertical and Horizontal Movements actuated by milled heads on the right hand side of the stage.
With Verniers ... ...
Without Verniers ... ...

H.305. **Petri Dish Searcher.** A simple mechanical stage for the convenient examination of petri dish cultures.
With Verniers ... ...
Without Verniers ... ...

H.361. **Drawing Eyepiece**—standard R.M.S. size ... ...

H.362. **Camera Lucida** (Abbe type) with large mirror for drawing ... ...

Eyepiece Micrometers—to fit standard sized Students' Eyepieces.
H.461. 10 mm. in 100 parts number 0-10 ... ...
H.462. Ruled in squares $\frac{1}{2}$ mm. side ... ...
H.463. 'Step' pattern—10 mm. in 100 parts ... ...

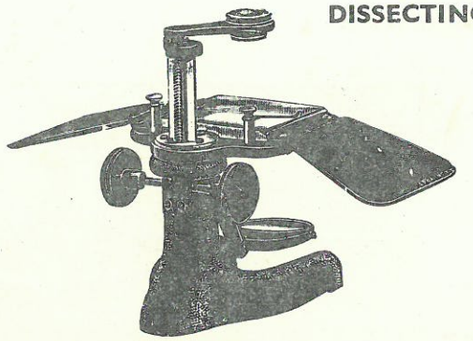
Stage Micrometers.
H.466. 1 mm. in 100 parts ... ...
H.467. 1/100ths and 1/1000ths of an inch ... ...

POCKET LENSES

H.1985/8 **Achromatic magnifiers** in folding pocket mount.
Best quality triple cemented lens. ×8, ×10, ×20 ... ... each

			each	dozen
H.2930.	**Planoscopic Magnifiers** in folding Pocket Mount	×5		...
		×8		...
		×10		...
H.2000.	**Triple Magnifiers,** long shape in ebonite			
H.1996.	**Box form magnifiers.**		each	dozen
		1″		...
		1¼″		...
		1½″		...
H.2934.	**Watchmaker's eyeglasses**			...
H.345.	**Lens Paper.** British manufacture. Per Box			

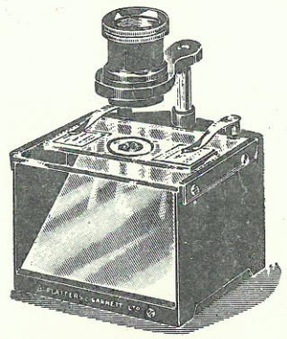
DISSECTING MICROSCOPES



H.30. Large Dissecting Microscope.



Prism tube.



H.36. Simple Dissecting Microscope.

H.30. **F. & G. Large Dissecting Microscope** with rack and pinion focussing, jointed lens arms to cover the whole of the large stage (90 x 75 mm.), mirror and opal reflector, Black & White plate to slide under the stage, arm rests.

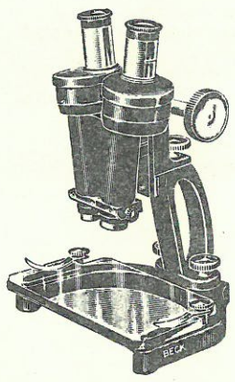
A prism tube may be used in place of the lens arm, giving an enlarged erect image, using low power objectives up to ½".

Stand only ... ...
With ×10 and ×20 aplanats. ... ...
Case for above ... ...
Prism tube with eyepiece for use with above. ... ... *Prices on Application.*

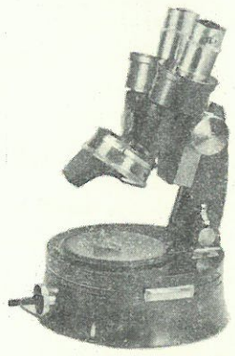
H.36. **Simple Dissecting Microscope,** all metal body with opal glass reflector and glass stage. Fitted with sliding focussing holder and ×8 doublet. ... ...

H.37. ×12 doublet for use with above. ... ...

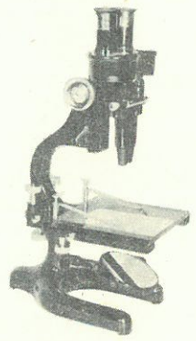
LOW POWER BINOCULAR MICROSCOPES.



Beck Greenough Binocular.



Baker Greenough Binocular.



Perry Wide Field Binocular.

Beck Binomax Binocular Microscope with two eyepieces and special reversible paired objectives on inclinable stand with arm rests ... ...

Beck Greenough Binocular with inclined eyepieces on special stand with large arm rests for dissecting ... ...

Optical Equipment. Paired eyepieces ×6, ×10 or ×15 per pair. ... ...
Paired eyepieces in wide field ×10 and ×15. ... ...
Paired objectives 49 mm. & 59 mm. ... ...
" " 32 mm. ... ...
" " 16 mm. ... ...

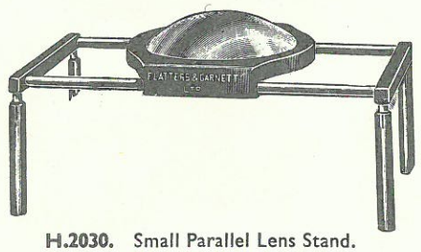
Baker New Greenough Binocular Microscope with built-in illumination, complete with triple nosepiece, paired objectives ×2, ×3 and ×6 in case ... ...

Paired eyepieces for above ... ... ×10, ; ×15, ; ×20

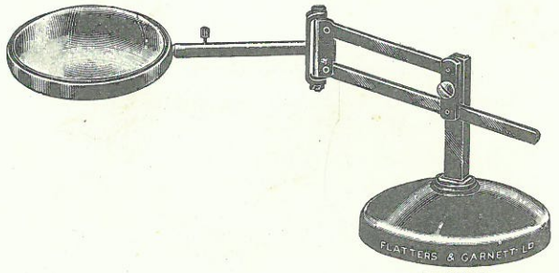
Paired objectives ×0.7, ×2, ×3 or ×6 per pair ... ...

Perry Wide Field Binocular Microscope. Model D.M.S. on converted stand with arm rests ...
×6 eyepieces—paired ; ×10 eyepieces—paired ; ×15 eyepieces—paired
0.7 objectives—paired ; 1.4 objectives—paired ; 2.0 objectives—paired ; 32 m/m objectives—paired

LENS STANDS



H.2030. Small Parallel Lens Stand.



H.2022.

H.2020. 4 Legged Lens Stand with large lens (100 mm. diam.) on sliding rails. Legs are telescopic, of rustless German Silver. May be used for dissecting, or setting insects, etc. ... ...

H.2022. Large Parallel Lens Stand with heavy cast iron base and 4" diam. lens on stem. The lens always remains parallel with the bench ... ...

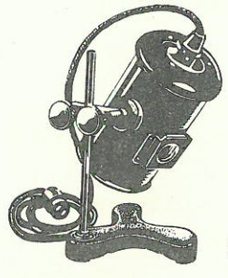
H.2024. High Power Doublet (40 mm. diam.) magnification ×5, on interchangeable stem for use with the above. ... ...

H.2030. Large Parallel Lens Stand similar to above but with 50 mm. lens ... ...

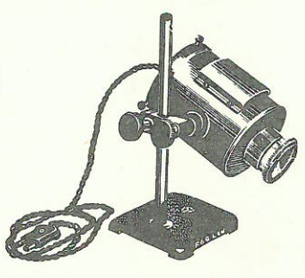
MICROSCOPE LAMPS



H.482.



H.480.



H.486a.



B.852.

H.482. **F. & G. Bench Lamp.** Simple form with ring base, upright and adjustable hinge joint and deep aluminium shade.
Complete with 4 ft. flexible cord and plug. Without bulb. ... ...

H.480. **F. & G. Microscope Lamp,** consisting of lamphouse, with removable base (for illuminating dissections, etc.) and blue glass filter. Adjustable for height and inclination and mounted on heavy base with chromium plated upright. Complete with push-bar switch lampholder, 6 ft. flexible cord and plug adapter. Without bulb ... ...

H.486a. **'Mikrops' High Power Low Voltage Lamp** for photomicrography and dark ground illumination. Fitted with special 6v. 5 amp. bulb, condenser and slot for standard substage filters. Mounted on heavy stand and adjustable for height and inclination. Complete with transformer for A.C. ... ...

With iris diaphragm fitted in front of condenser, extra ... ...

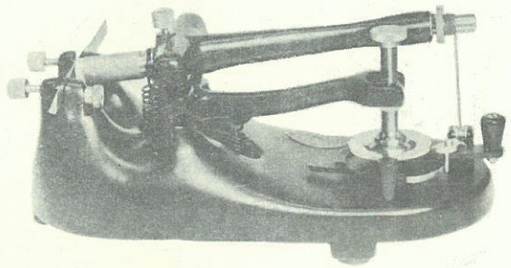
B.852. **F. & G. Pointolight Microscope Lamp.** Pointolight bulb mounted in large well ventilated lamphouse and adjustable in all directions. With large aplanatic condenser and iris, fitted with rack and pinion focussing, so designed that it may be readily swung out of the optical axis for centring purposes. Filter holder for up to 4—2" square filters, which can be swung in or out of position as required. The whole outfit is adjustable for height and inclination, and is supported on a strong chromium plated pillar and substantial foot.

This outfit is ideal for photomicrography and serious research work.

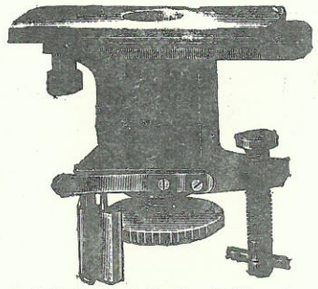
Complete with bulb and special resistance ... ...

B.878. Opal bulbs for use with **H.482** and **H.480.** 40 watt or 60 watt (state voltage of supply when ordering) ... ...

MICROTOMES AND ACCESSORIES



B.2008. Cambridge Rocking Microtome.



B.2041. F. & G. Bench Microtome.

B.2027. **BECK.** Automatic Rotary Microtome, for sections from 2.5—15 in steps of 2.5 ...

M.S.E. Precision Plano Microtome (Base Sledge type) for Paraffin, Colloidin, Freezing, etc. ... ...

Microtome Knife ; Knife Handle ; Knife Back ; Hone ...

B.2028. Complete Outfit ... ...

B.2029. **M.S.E.** Automatic Laboratory Microtome—for frozen sections—complete with strop, knife, etc. ... ...

B.2001. **CAMBRIDGE Rocking Microtome,** usual pattern, complete with knife and orentating object-holder, for sections up to 10 mm. x 10 mm. ... ...

B.2008. **CAMBRIDGE Rocking Microtome,** Large pattern, for sections up to 50 mm. x 38 mm.

B.2041. **F. & G. Bench Microtome** for sectioning roots, stems, leaves, colloidinized material, etc. ... ...

B.2049. **'MIKROPS' Hand Microtome,** new pattern for use with pith or wax ... ...

B.2051. **Microtome Knife** for use with above or with Cambridge Rocker, etc. ... ...

B.2053. „ „ alternative pattern in card box ... ...

B.2054. **'MIKROPS'** Section Knife with removable blade (see separate leaflet) ... ...

B.2055. Spare blades for use with 'Mikrops' Knife, per packet of 5 ... ...

MICROTOME ACCESSORIES

B.2113. **Porcelain dishes** for melting Paraffin wax, with handle. ... Dia. 70 mm. Cap. 80 ccs. each.

B.2114. „ „ „ „ „ „ „ „ ... Dia. 90 mm. Cap. 150 ccs. each.

B.2111. **Copper water bath** tinned inside with lip. For melting Paraffin wax ... ... each.

B.2122. **Electric Hotplate** for straightening ribbons, &c. ... ...

L. Moulds for Embedding.

B.2131. Small—to cast blocks up to 28 x 15 x 15 mm. ... ... each ; dozen.

B.2132. Large—„ „ „ „ „ 55 x 20 x 25 mm. ... ... „ „

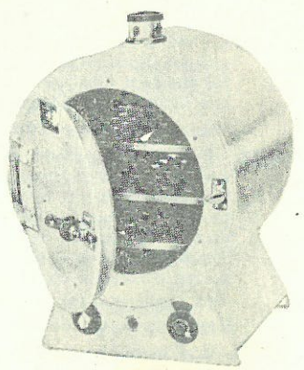
B.2140. **Embedding tubes**—corked—35 x 25 mm. ... ... „

B.2151. **Elder pith** for freehand section cutting ... ... per bundle ; per doz. bundles.

LABORATORY OVENS

For Embedding, Incubation, Drying Slides, Sterilizing, etc.

B.2091. Thermostatic Oven as illustrated for temperatures from 35°—220°C.
Sensitivity less than ±1°C.
Internal dimensions 26 cms. deep x 36 cms. diameter, with 3 removable shelves.
For 100—110 and 200—250 A.C. or D.C. ...

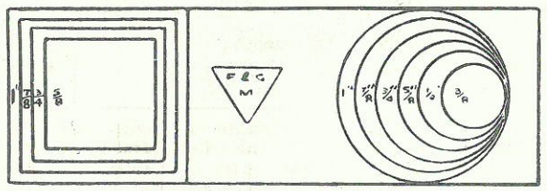


B.2091.

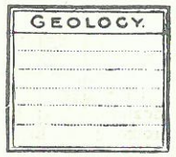
B.2092. Modulat Oven 2A, for A.C. 200—230 A.C.
Thermostatically controlled. Temperatures from 25°—160°C. ±2°C.
Internal dimensions 12 x 12 x 12. With 2 removable shelves ... ...

B.2098. Thermometers for use with above. 0°—250°C.

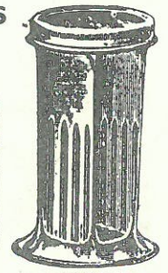
SUNDRY MICROSCOPICAL APPARATUS



Slides and Cover Glass—Full size.



H.2266.



H.2517.



Microscope slides 3″ x 1″ plain, with ground edges, packed in ½ gross boxes.

	Thickness	per gross	10 gross & over per gross
H.2228.	1.2—1.5 mm. Half white ground edges	...	
H.2229.	1.0—1.2 „ „ „ „ „	...	
H.2230.	0.8—1.0 „ „ „ „ „ Finest quality	...	

Special quotations for large quantities.

Round Cavity Slides with deep cavity, free from scratches.
H.2245. 8 mm., 12 mm., 15 mm. & 18 mm. diameter ... ... dozen. ... gross.

Cover Glass—Best Quality—in ½ oz. Boxes

No.	Round: Diameter ½″ Per oz.	Round: Per 8oz. pr.oz.	Round: Per 16oz. pr.oz.	Round: ⅝″, ¾″ or ⅞″ Per oz.	Round: Per 8oz. pr.oz.	Round: Per 16oz. pr.oz.	Square: ½″ Per oz.	Square: Per 8oz. pr. oz.	Square: Per 16oz. pr. oz.	Square: ⅝″, ¾″ or ⅞″ Per oz.	Square: Per 8oz. pr.oz.	Square: Per 16oz. pr.oz.	Rectangular: 1½ x ¾″ or 2″ x ⅞″ Per oz.	Rectangular: Per 8oz. per. oz.	Rectangular: Per 16oz. per. oz.
0															
1															
2															
3															

Other sizes cut to order—not less than 8 oz. of a size.

	Students Boxes of slides and cover glass.	per box	per doz. boxes
H.2242.	With No. 2 ¾″ round covers	...	
H.2243.	„ No. 2 ¾″ square „	...	
H.2263	**Slide Labels**—with lines.	per 100 ...	per 1000
H.2266.	„ „ headed 'Botany,' 'Zoology,' etc.	„ „ ...	„ „
H.2534.	**Spring Clips** for mounting.		dozen.
H.2515.	**Staining Troughs** with glass covers, horizontal pattern for 3″ x 1″ slides, 10 pairs of grooves to hold 20 slides back to back ...	each ...	dozen
H.2517.	**Coplin Staining Jars** with 5 pairs of grooves to hold 10 slides 3″ x 1″.	each ...	dozen
H.2520.	**Rectangular glass staining trough,** 4½″ x 4½″ x 2½″.	each ...	dozen
H.2520a.	**Stainless steel racks** to fit above. Capacity 18 slides	each	
H.2519.	**Glass Tubes**—3¼″ x 1¼″ Stout Glass, corked for staining—will hold two 3″ x 1″ slides back to back.	dozen ...	gross
H.2520.	**Screw top jar** to take 3 slides in vertical position	dozen ...	gross
H.2521.	**Spirit Lamps,** glass with bakelite cap, 2 oz.	each	
	„ „ „ „ „ „ 4 oz.	each	
H.2522.	**Balsam bottle,** with loose cap and rod	each ...	dozen
H.2523.	„ „ with ground-on cap and rod	each ...	dozen
H.2524.	**Glass Blocks** with cavity and cover, 40 mm. x 40 mm.	each ...	dozen
H.2524a.	„ „ „ „ „ „ 60 mm. x 60 mm.	each ...	dozen
H.2528.	**Petri Dishes,** superior quality, thick walled, free from flaws. 4″ diameter, with lid.	each ...	dozen

	Watch Glasses	50 mm.	60 mm.	75 mm.	100 mm.	diameter
H.2525.	**Flat Bottom**					dozen
						gross
H.2526.	**Round Bottom**					dozen
						gross

Sundry Microscopical Equipment (*continued.*)

H.2527. **Glass Staining Pots** with shoulder and loose drop-on covers 6 cm. diam. × 4 cm. deep. ... ... dozen ; gross

H.2527a. **Glass Staining Pots,** straight sided, thick clear glass without cover, depth ½″

diam.	doz.	gross
2″	...	...
2½″	...	...

H.2531. **Turntable** for ringing slides. ... ... each

H.2536. **Vulcanite Cells** for slide making, ⅞″ diam., thick or thin. ... ... dozen ; gross

H.2544. **Pencils for writing on glass,** Blue, Yellow, Green, Red. ... ... each ; dozen

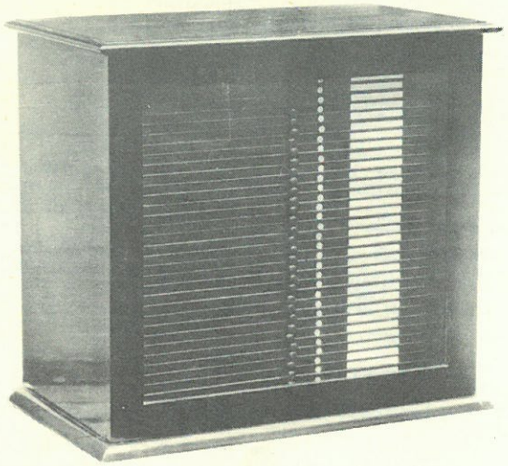
H.2544a. **Brushes,** camel hair, in quill, small ... ... ,, ; ,,

H.2544b. ,, ,, ,, ,, large ... ... ,, ; ,,

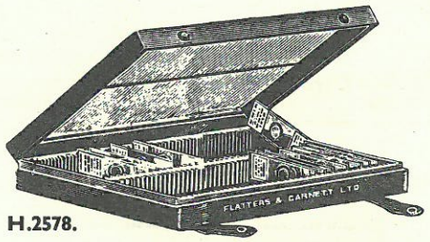
H.2547. **Diamonds for writing on glass,** best quality ... ... each

H.2547a. **'Mikrops'** Glass Writer, with sharpening stone ... ... each

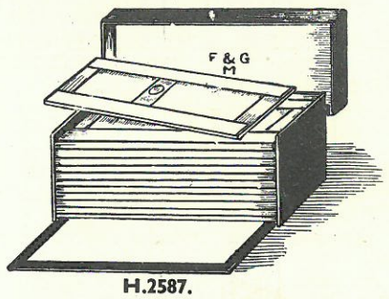
SLIDE CABINETS & STORAGE BOXES



H.2576.



H.2578.



H.2587.

Slide Boxes and Storage Cabinets.

H.2581. **Polished Wood,** with index in lid, for 100 slides ... ... each

H.2578. **Leatherette covered,** as above, for 100 slides ... ... each ; dozen

,, ,, ,, ,, for 50 slides ... ... each ; ,,

H.2587. **Cardboard,** with trays each holding 9 slides to hold ... ... 54 72 108 144 slides

each

H.2585. **Pocket Boxes,** flat form for 12 slides ... ... each

H.2567. **Pressed Card Trays,** with flaps, to hold 20 slides. ... ... each

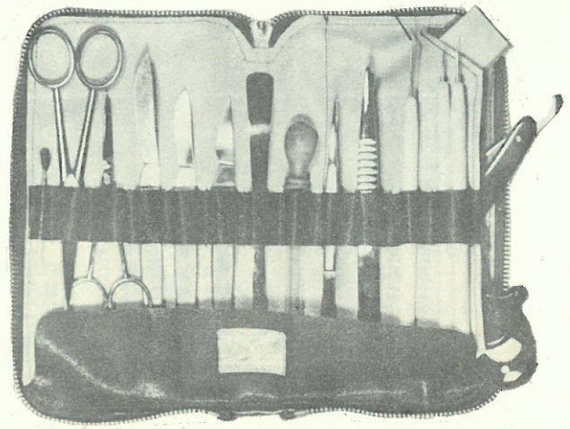
H.2568. ,, ,, ,, without flaps, ,, ,, ,, ,, ... each

H.2576. **Large Slide Cabinets,** with glass door, lock and key. Each door fitted with opal tablet and number.

500	...	...	...
1000	...	...	...
2000	...	...	...
3000	...	...	...

For details of our Stains, Mountants and Reagents
see Catalogue 'S' (40 pages)
Wide variety always in stock.

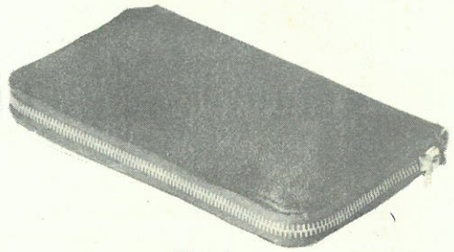
DISSECTING INSTRUMENTS and ACCESSORIES



Open.

"MIKROPS" ZIP WALLET.

Made of heavy brown Leather-cloth.
Size when closed
approximately 8″ × 4″.



Closed.

Sets of Instruments

		Single sets	1 doz. or more per set
Set D/A.	**"Mikrops" Zip Wallet** as illustrated, containing :— Medium and Small Scissors, 3 all steel Scalpels, (one sharp pointed), 2 Forceps, Blunt and Fine, 2 Stainless Needles, 1 Stainless Seeker. Section Lifter, Camel Hair Brush, Triple Magnifier, Section Razor, Pipette, Small Hone, Selvyt Cloth ...		
Set D/AS.	As above but with Stainless or Rustless Instruments (except Razor)		
Set D/B.	**"Mikrops" Zip Wallet** containing :— Medium and Small Scissors, 3 all steel Scalpels (one sharp pointed), Camel Hair Brush. Blunt and Fine Forceps, 2 Stainless Needles, 1 Stainless Seeker, Pipette, Small Hone, Selvyt Cloth		
Set D/BS.	As above but with Stainless or Rustless Instruments ...		
Set D/C.	Cloth Roll with tapes to tie containing :— Medium and Small Scissors, 2 all steel Scalpels, Camel Hair Brush, Blunt and Fine Forceps, 2 Stainless Needles, Selvyt Cloth, 1 Stainless Seeker		
Set D/CS.	As above but with Stainless or Rustless Instruments ...		

NOTE : A Swann Morton Removable Handle and 4 blades may be had in place of any scalpel in above sets at an increase in price of each.

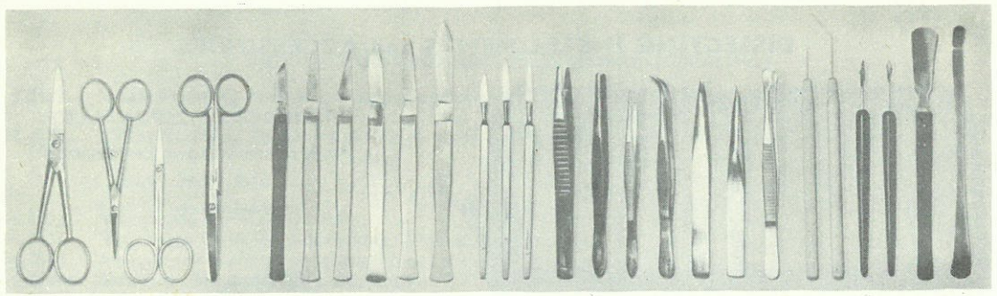
"MIKROPS" Zip Wallet, empty. Size when closed approximately 8″ × 4″ ... ... each

Cloth Roll with pockets for instruments ... ... each

Sets made up to order. Special prices for large quantities.

DISSECTING INSTRUMENTS—LOOSE

		Ordinary Steel each	Ordinary Steel doz.	Stainless or Rustless each	Stainless or Rustless doz.
H.2600.	**Scissors,** sharp pointed, open shanks, small, 4½″				
H.2602.	,, ,, ,, medium, 5″				
H.2603.	,, ,, ,, large, 6″				
H.2606.	,, straight, both points blunt, 5″				
H.2611.	,, closed shank, fine points				
H.2613.	,, small, curved				
H.2620.	,, Laboratory, 7″ for general use			each.	
H.2626.	**Scalpels,** ebony handles, 6 patterns				
H.2630.	,, all steel, 4 patterns				
H.2632.	,, all steel, finest surgical quality				
H.2647.	Scalpel handles for removable blades, large				
H.2646.	,, ,, ,, ,, ,, small				
H.2645.	Blades for above, large or small				
H.2648a.	Scalpel handle and 4 assorted blades, large			each.	
H.2648b.	,, ,, ,, ,, ,, ,, small			,,	
H.2636.	Scalpels, small with pointed blades, all steel				
H.2634.	Cartilage Knives, 4″ blades, all steel fluted handles			each.	



H.2603 H.2600 H.2611 H.2626 H.2630 H.2632 H.2636 H.2658 H.2658a H.2662a H.2669a H.2667 H.2665 H.2686 H.2719 H.2710a H.2727 H.2726 H.2696a H.2697

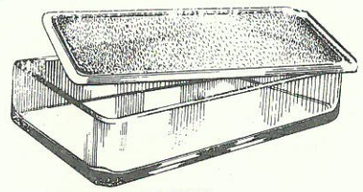
		Ordinary Steel each	Ordinary Steel doz.	Stainless or Rustless each	Stainless or Rustless doz.
H.2658.	**Forceps,** blunt with wide flutes, 5″				
H.2656a.	,, ,, ,, narrow flutes, 5″				
H.2664a.	,, fine points, ,, ,, 5″				
H.2662a.	,, ,, ,, ,, ,, 4⅝″				
H.2665.	,, needle points, hollow sides, BB pattern, 5″				
H.2667.	,, needle points, flat pattern AA				
H.2669a.	,, curved, fine points, 5″				
H.2675.	,, Entomological, for lifting insects. Best Quality ...				
H.2675a.	,, ,, ,, ,, ,, Straight ...				
H.2686.	,, Duck-bill, cover glass and label lifting				
H.2683.	,, Cornet's Cover Glass				
H.2839.	**Forceps,** Large, Steel, for removing specimens from Jars, Aquaria, etc.		12″		
H.2680.	,, Ash for aquaria, etc.		12″		
	,, ,, ,, ,, ,, ...		24″		
H.2625.	**Bone Cutting Forceps** without spring		5″		
	,, ,, ,, ,, ...		6″		
H.2705.	**Chain Hooks,** light, set of three				
H.2704.	,, ,, heavy, forged, set of three				
H.2697.	**Section Lifters,** double, all-metal				
H.2696a.	,, ,, ebony handles, 12mm blade N.P.				
H.2719.	**Needles,** straight, stainless, in hardwood handles	each ;	dozen ;		gross
H.2732.	,, all steel, strong				
H.2727.	**Needle Knives,** in Galalith, one cutting edge				
H.2726.	,, ,, Spearhead, 2 edge				
H.2745a.	**Needle Holders,** N.P. with screw chuck 6″				
H.2745b.	,, ,, Metal and ebonite, 10″				
H.2746a.	**Platinum Needles,** 0.02″ diam. in glass handles				
H.2746b.	,, Loops, 0.02″ diam. ,, ,, ,, ...				
H.2744.	Nickel Needles (platinum substitute) in glass				
H.2710a.	**Seekers,** bent, blunt points in hardwood handles				
H.2713.	,, all metal, flat handles, stout				
H.2750.	**Razors,** flat one side for section cutting				

Elder Pith (see page 8.)

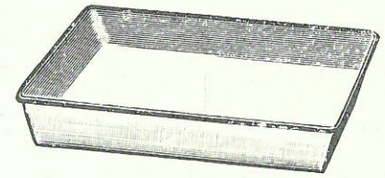
		6″×2″	8″×2″	10″×2½″	
H.2757a.	**Hones,** "Duplex," fine one side, medium the other ...				
H.2759.	,, Small as in sets				
H.2763.	**Strops,** strap shape to hang, superior quality	...	...	...	each
H.2764.	,, large on wood base	...	...	...	each
H.2906.	**Dropping Pipettes with Rubber Teats**—4″	each	...		doz.
H.2907.	,, ,, ,, ,, ,, —6″	each	...		doz.
H.2911a.	**Dropping Pipettes,** 8″ with heavy weight teats	each	...		doz.
	,, ,, 8″ with stout rubber balls	each	...		doz.
H.2912.	**Teats,** as used with above	doz.	...		gross
H.2913.	,, extra strong, Firmold pattern	each	...		doz.
H.2914.	**Rubber Bulbs,** as used with above	each	...		doz.
H.2544a.	**Camel Hair brushes** in quill, Large	each	...		doz.
	,, ,, ,, ,, ,, Small	each	...		doz.

		0.	1.	2.	3.	
H.2545.	**Sable Brushes,** best quality in metal ferrule					each
						doz.

DISSECTING DISHES, Etc.



H.2870a.



H.2862.

Enamel Iron straight sided dishes, 2″ deep.

		8″×6″	10″×8″	12″×10″	15″×12″
H.2862.	Dish only				
H.2863.	Leaded corks for above				
H.2888.	Dishes as above with layer of black wax				

H.2874.	**Pie Dishes** 12½″ long	each ;	doz.
H.2875.	Pie dishes 12½″ long with leaded corks		each
H.2879.	**Black Wax Composition** for Dissection Dishes, per 3 lb. tin		,,
H.2872.	**Pyrex Glass Dishes,** sloping sides, 10½″×6½″×2″		,,
H.2872a.	,, ,, ,, sloping sides, 12⅝″×3¼″×2″		,,
H.2870a.	**Straight sided clear glass dishes** with glass lid recessed for stacking, 9½″×4½″×2½″	each ;	doz.

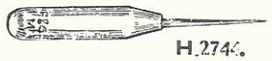
		18″×12″	22″×15″	24″×18″
H.2880.	**Dissecting Boards,** raised edges all round			



H.2741.



H.2740.

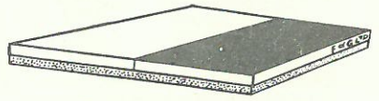


H.2744.

H.2741.	**Steel Points,** 1″ long, in brass handles	dozen ;	gross
H.2744.	**Stainless points** in white plastic handles	each ;	dozen
H.2740.	**Large Awls** in plastic handle	each ;	dozen
H.2743a.	**Large Pins,** 1″ long—per ¼ lb. pkt.		pkt.
	,, ,, 2″ ,, —per ¼ lb. pkt.		pkt.
H.2743c.	,, ,, 3″ ,, —per ¼ lb. pkt.		pkt.
H.2707.	**Flag Label Pins,** 4″—per packet of 100		pkt.



H.2884.



H.2886.

H.2884.	**Containers for Rabbit Dissections,** seamless galvanised trough painted with protective coat, with wooden lid, 20″×12″×5⅛″ ...		each
C.1987.	**Glass Tanks,** with flange, for storing specimens, etc., 10″×7″×6″	each ;	doz.
H.2886.	**Black and White Tiles,** porcelain, 6″ square with cork on underside ...	each ;	doz.
H.2886a.	,, ,, ,, ,, porcelain, 6″ square without cork	each ;	doz.

Hypodermic Syringes

H.2894. **Precision "Record" Syringes,** graduated glass barrel, metal pistons.

	1	2	5	10	20 cc.
Complete with two needles in nickel plated case ...					each
Complete with two needles in card case					each
Naked Syringe					each

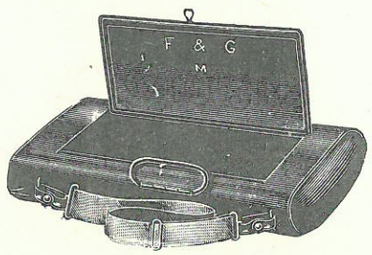
		1	2	5 cc.
H.2895a.	**All Glass Syringes** with interchangeable barrels			each
H.2898a.	**Hypodermic Needles,** stainless steel, per packet of 12, all one size			

		1	2 oz.
H.2904.	**Plain Glass Syringes** with rubber piston		each
H.2915.	**Rubber Gloves,** seamless, non-slip, ordinary weight, sizes 6 to 9.		pair

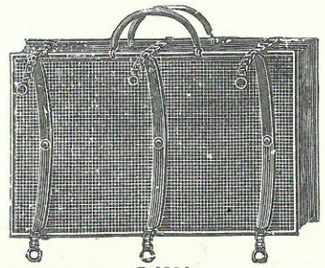
COLLECTING APPARATUS

Our practical experience in collecting specimens of all types for our own work has enabled us to develop and perfect the apparatus listed below. This equipment has been designed to give many years service, and is made with the same care and accuracy as the more elaborate scientific instruments we produce.

BOTANICAL COLLECTING APPARATUS



C.1002.



C.1231.

C.1002. **Vascula,** complete with brown webbing straps, stove enamelled black outside, aluminium inside ... ...

Size 1	2	3	4
13″×6½″×2½″	15″×7½″×3″	17″×8½″×3″	21″×10″×5½″

C.1005.	**Webbing straps for Vascula,** with leather ends		each
C.1246.	**Waxed Paper** for wrapping fresh specimens, 30″×20″	dozen ;	gross
C.1247.	**Parchment Paper,** waterproof, 30″×12″	dozen ;	gross
C.1136.	**Steel fern trowel**	each ;	dozen
C.1136a.	,, ,, ,, chromium plated	each	
C.1231.	**Woven Wire Press,** 18½″×12½″. Galvanised, enamelled green, fitted with springs and chains for adjusting pressure, and leather handles. Capacity about 5″		each
C.1232.	Woven Wire Press (as above) with 50 sheets Green's Drying Paper and 1 dozen corrugated card sheets complete...		each
C.1245.	**Drying Paper.** Green's absorbent hand-made. Finest quality as used in the Kew Herbarium, in sheets to fold to 17½″×11½″. We are sole selling agents for this material. 25 sheets 100 sheets 500 sheets		

		Quire 24 sheets	Ream 480 sheets
C.1237.	Drying Paper, thin grey absorbent, folded to 17½″×11½″		
C.1241.	**Corrugated Card Sheets** for use in woven wire presses to hasten drying and increase ventilation, size 18″×12″		doz.
		Quire	Ream
C.1251.	**Mounting Paper,** standard Kew size 16½″×10½″, ...		
C.1259.	**Dead Black Paper,** stout, 26″×20″... ... per sheet ...	dozen ...	gross
C.1260.	**Genus Covers,** stout manilla, folded to take standard Kew size sheets. Buff : ...		doz.
C.1260.	,, ,, in Blue, Green, Yellow or Orange		doz.
C.1261.	**Herbarium Labels,** printed for data ... Per 100 ...	per thousand	
C.1265.	**Herbarium Paste**—F. & G.—antiseptic, does not dry glossy 2oz. ... 4 oz. ... 8 oz.		
C.1266.	**Brushes** (non-metallic) for use with paste	each ...	doz.
C.1268.	**Fish Glue,** 25 ccs.		
C.1270.	**Transparent Gummed Paper** in rolls ¾″ wide (other sizes to order)		doz.
C.1273.	**Self-adhesive Sellotape,** transparent, in coils, 5 yds.×⅝″ in dispensing holder ...		each

BRITISH FLORA—LANTERN SLIDES.

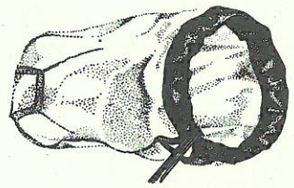
We have an extensive range of photographs of living British Plants in nature. These are available as Lantern Slides in two sizes—3¼″ × 3¼″ and 2″ × 2″.

— New list in preparation —

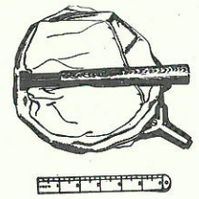
Slides also made to order from your own negatives, prints, drawings, etc.

FOR PERFECT STILL PROJECTION NOTHING EQUALS A GOOD SLIDE WELL SHOWN !

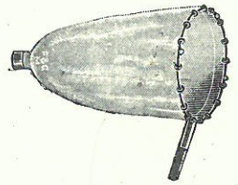
ENTOMOLOGICAL EQUIPMENT



C.1320.



C.1345.



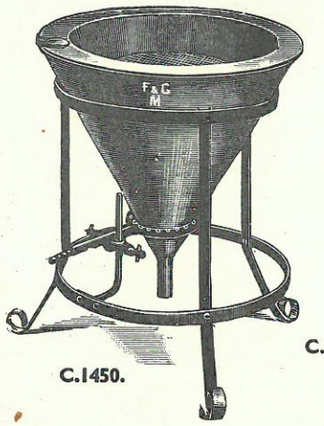
C.1375.

Butterfly Collecting Nets, etc.

Butterfly Net, style 'B' with four-fold wire ring and brass screw-end, green mosquito net bag.

C.1320.	12″ diameter	each
C.1332.	15″ ,, ...	each
C.1292.	**Handle 30″ long,** fitted with socket to take above	each
C.1293.	**Strong 15″ handle** of polished hardwood with screwed fittings to take nets	each
C.1370.	**Butterfly Net 10″,** white gauze bag, galvanised wire ring and brass socket	each
C.1345.	**Small's Collapsible Pocket Net** (see separate leaflet)...	each
C.1326.	**Kite Net** 20″×16″ with best quality green mosquito net bag...	each
	Spare bags for Kite Nets—best quality green mosquito netting	each
C.1373.	**Net Forceps** 8″ diam., fine white gauze	each
C.1375.	**Lamb Net** for sweeping or butterfly collecting, with or without constricted end-piece, with bag of heavy silk gauze	each
C.1376.	Silk gauze bag for above, with or without constricted endpiece	each
C.1382.	**Britten Sweep Net,** 12″ diam., stout handmade box joint 4-fold frame, with brass socket and strong cloth bag attached to frame by a number of small brass rings, complete with 18″ handle	each
C.1385.	Bag only for above	each
C.1394.	**Beating Tray,** Buckley's pattern, black, opens to 40″×38″	each

Killing Bottles, etc.



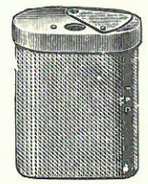
C.1450.



C.1397.



C.1408.



C.1413.



C.1430.

C.1396. **Killing Bottles,** white flint glass, with best quality corks ... ... 8 oz. 14 oz. 20 oz.

Empty ... ...
*Cyanide filled ... ...

Killing Bottles, with glass stoppers, extra wide mouths.

		2″×2″	2½″×2½″	3″×3″	3½″×3½″	5″×4″	
C.1397.	Empty						each / doz.
C.1398.	*Cyanide filled						each
C.1408.	**Chloroform Bottle,** brass, best quality, empty						each
C.1406.	**Oval Collecting Bottle** with suction tube mouthpiece and brass collecting tube						each
C.1413.	**Larva Collecting Box,** oval, perforated zinc sides						each
C.1430.	**Larva rearing Cylinders,** stout glass cylinder, 9″×4½″ with perforated zinc top and bottom, reversible to stand on a jam jar						each
C.1431.	Extra glass cylinders for above						each
C.1450.	**Berlese Funnel,** for collecting minute insects from peat, moss or soil, complete with ring, gas burner and 3 sieves. 1 mm., 1.5 mm. and 2 mm. holes...						each
C.1453.	**Berlese Funnel, electric pattern** with heater and thermostat						each

*Can only be supplied against a signature on our Poisons Register. For other substitutes see Catalogue S4—p.19.

		1″	1¼″	1½″	2″	2¼″	2½″	3″	
C.1460.	**Glass Bottomed Boxes**								doz.
C.1461.	,, ,, ,, Nests of seven, ...								Nest
C.1462.	,, ,, ,, Nests of four, 1″ to 2″								Nest
C.1463.	,, ,, ,, Nests fo four, 1¼″ to 2¼″								Nest
C.1465.	**Metal Glass Top Boxes** round flush sides 2″ ... ... doz.;								gross
	,, ,, ,, ,, ,, ,, ,, 3″ ... ... doz.;								gross

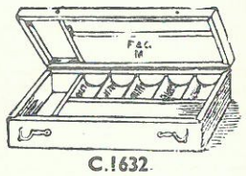
		5″×3¼″	7″×3½″	7¾″×4″
C.1471.	**Deal Pocket Boxes,** rectangular, 2″ deep, corked both sides ...			

		4″×3″	5″×3¼″	6″×3½″
C.1474.	**Postal Boxes,** plain deal, with thick cork sides, 2½″ deep			
C.1479.	,, ,, new pattern with sliding lid ... ... ; 5″×4″			

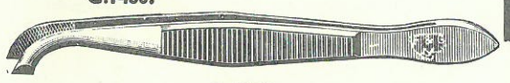
C.1475.	**Newman Relaxing Boxes,** ready for use	Medium	Large
C.1475a.	Refills for above	Medium	Large
C.1476.	**Zinc Relaxing Box,** rectangular 7″×4″×2″ corked one side		



C.1460.

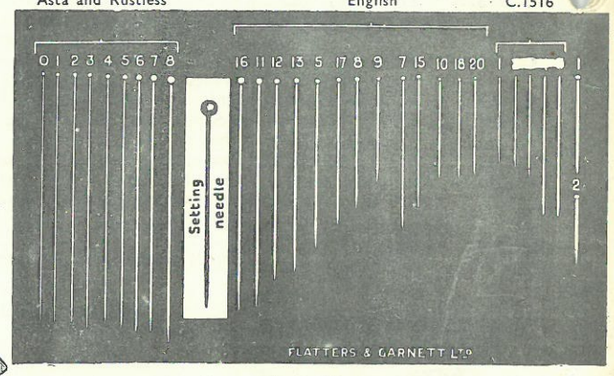


C.1632.



C.1576.

Asta and Rustless — English — C.1516



Entomological Pins—Actual size.

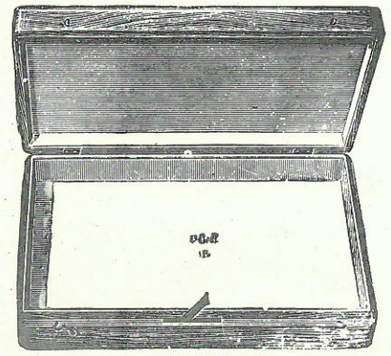
Entomological Pins

		per 100	per 1,000
C.1501.	**White Asta Pins,** size 3		
C.1502.	**Black Asta Pins,** size 3		
C.1504.	**Stainless Steel,** Nos. 0, 3, 5		
C.1506.	**Black Steel Asta,** Nos. 0, 2, 3, 5		
	Tayler's Entomological Pins 16 11 12 13 5 17 8 7 20		
C.1508.	**Silvered**		oz.
C.1509.	**Black**		oz.
C.1510.	**Pure Nickel**		oz.
C.1512.	Mixed Silvered Pins, four large sizes		oz.
C.1516.	**Minute Stainless Steel Headless Pins,** sizes 0, 1, 1a, 2, 2a, 3 per 100,	per 1000	
C.1522.	**Fine Cabinet Points for labelling**	per 1000	
C.1525.	**Short White Pins** for labels, etc. Sizes 1 and 2	per box	
C.1528.	**Setting Needles** with glass head	per box	
C.1576.	**Pinning Forceps**—5″ best quality, nickel plated		
C.1632.	**Entomologist's Setting Box** with spaces for 6 kinds of Pins, Forceps, Needles, etc.		
C.1633.	**Entomologist's Setting Box** with 5 useful sizes of Pins, 2 Setting Needles, Pinning Forceps and Fine Forceps, complete		
	Polyporus, white, for mounting minute insects.		
C.1541.	Usual size, 2mm square section	box ;	oz.
C.1542.	Large size 3mm.	box ;	oz.
C.1545.	**Celluloid,** sheets 12″×9″	each ;	doz.
C.1545a.	**Celluloid mounts,** 15×10mm., per box of 250		
C.1546.	**Bristol Board** 4-sheet, best quality, 15″×10″		doz.
C.1547.	,, ,, ,, ,, ,, 10″×7½″		doz.
C.1548.	,, ,, Mounts, ½″×¼″ Per 1,000		

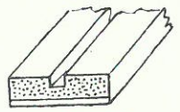
Diameter	½″	⅝″	¾″	⅞″

C.1549.	**Bristol Board Discs** for Diptera.	per box of 250
C.1551.	**Punches** for cutting the above	
C.1553.	**Punch** for cutting small triangular mounts	

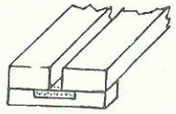
C.1560.	**Table Cutting Machine,** 7″ cut	
	,, ,, ,, 9″ cut	
C.1563/4.	**Male** and **Female** Labels. Per 1,000	



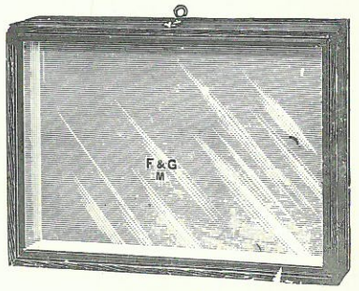
C 1685.



C.1640.



C.1642.



C.1694.

C.1640. **Setting Boards,** Flat, **English** pattern, 14″ long.

¾″	1″	1¼″	1½″	1¾″	2″	2¼″	2½″	3″	3½″	4″	4½″	5″

C.1642. **Setting Boards, Continental** pattern for high setting.

1½″	2″	2¼″	2½″	3″	3½″	4″	4½″	5″

C.1645. **Tracing cloth** 30″ wide, glazed one side ... ... ¼ yd., ; ½ yd., ; 1 yd.,

C.1650. **Travelling case,** 15″×10″×4″, folding up like a store box with 10 flat boards English pattern ... ...

Cabinet Cork, compressed cork sheets, smooth one side.

C.1660.	12″× 4″× 3/16″	each ;	doz.
C.1661.	18″×12″× 3/16″	each ;	doz.
C.1662.	36″×24″× 3/16″	each	

Cork Sheets cut from Bark Cork 3/16″ thick can also be supplied. Price on application.

Store Boxes for insects, plain deal, airtight, 3-ply tops and bottoms, corked and papered.

8″×6″	10″×8″	13″×9″	14″×10″	16″×11″	17½″×12″

C.1685. English, 2¼″ between corks ...

C.1687. Continental, extra deep ... ...

C.1694. **Exhibition Cases,** imitation mahogany, 1¼″ between cork and glass.

10″×8″	13″×9″	14″×10″	16″×10″	16″×12″	18″×14″	18″×18″

For Cardboard Exhibition Cases—see page 22.

C.1711. **Glass Cups,** attached to stout steel points ... ... doz.; gross

Insect Cabinets—prices on application.

COLLECTIONS OF SET INSECTS

Our Entomological Department collects and mounts large numbers of insects of all types. Each specimen is carefully set and is fully labelled with scientific name and date and place of capture. Great care is taken to ensure that the specimens are perfect and accurately determined. The collections are supplied in glass topped boxes, and we believe set a high standard for this class of work.

For full details see separate illustrated leaflet.

Entomological Equipment (*continued.*)

Stages for examining pinned insects under Greenhough binocular or other microscopes. May be rotated in two directions the specimens always remaining approximately in focus

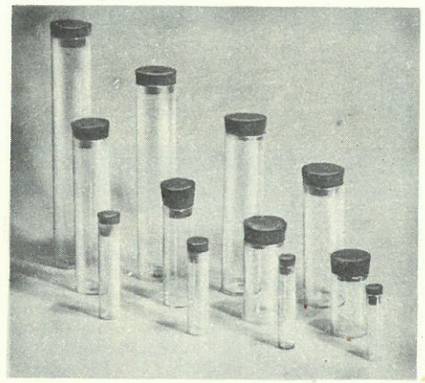
C.1717. Style "A" for short pins ... ...
C.1718. Style "B" for long pins ... ...
C.1724. **Simple Insect stand** with heavy base, cork head to rotate ... ...
C.1725. **Lens on rails, 4″ diam.,** very useful for setting insects (see page 7 and separate illustrated leaflet) ... ...
Chemicals—see Catalogue "S."

CHEMICALS for ENTOMOLOGY

For details of killing and preserving fluids, also Microscopical Stains, Reagents, and General Laboratory Chemicals

— see *Catalogue* 'S'

Wide variety always in stock.



C.1775.

SPECIMEN TUBES

C.1775. **Specimen tubes** with reinforced flat bottoms in 2″ and longer. Clear glass—corked.

Size	1½×⅜	1½×⅝	1½×1	2×⅜	2×⅝	2½×½	3×¾	4×⅞	2×1	3×1	4×1	5×1	6×1
Per gross ...													
Per dozen ...													

C.1776. **Corks** for specimen tubes. See page 32.
C.1778. **Miniature tubes** with round bottoms, 1″×¼″ corked ... ... gross
C.1786. **Thick Glass Tubes,** with selected corks, 3½″×1¼″ ... ... doz.; gross
C.1788. ,, ,, ,, ,, ,, ,, 3½″×1¾″ ... ... each; doz.
C.1789. ,, ,, ,, ,, ,, ,, 4½″×2⅛″ ... ... each; doz.
C.1787. ,, ,, ,, ,, ,, ,, 7″×1½″ ... ... each; doz.

Bakelite Capped Tubes with waterproof liners (wide mouth)

Capacity	4½	9	17	27	35	ml.
Total Height	58	67	72	90	97	mm.
Diameter	17	17	20	21	23	mm.
Diameter of neck inside	6	12	14	14	17	mm.

per dozen. ... ...
per gross. ... ...

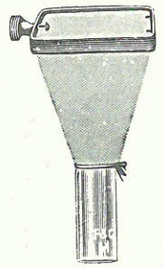
C.1803. **Leatherette covered case** containing 54 small corked tubes, 2″×⅜″, in three rows ... ...

MARINE BIOLOGY—LANTERN SLIDES

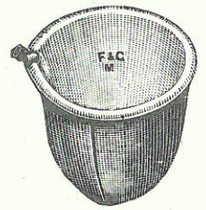
From photographs of living specimens by Dr. D. P. Wilson of the Marine Biological Laboratory, Plymouth.

2″×2″ and 3¼″×3¼″ — *See illustrated leaflet.*

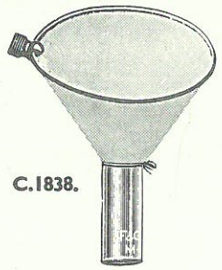
POND LIFE APPARATUS



C.1834.



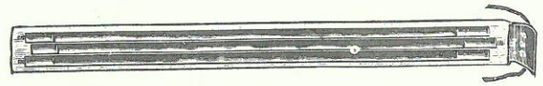
C.1842.



C.1838.



C.1850.

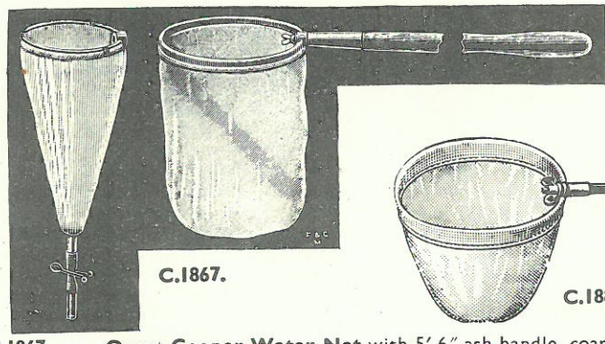


C.1833.

C.1824. **Crook Walking Stick,** stout hardwood with ferrule ... ...
C.1826. **Screw Sockets** to fit above ... ...
C.1827. **Screw End Ferrules** to fit above ... ...
C.1832. **Stout Collecting Sticks** with screw fittings at each end to take various nets, etc. ... each
Two or three may be screwed together ... ...
C.1833. Set of three in cloth case ... ...

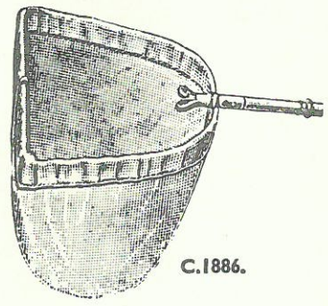
Nets and attachments to fit C.1824 or C.1832.

C.1834. **Square Net,** 4″ sides, bolting cloth (nylon or silk), complete with tube ... ...
C.1837. **Round Net,** 5″ diam., bolting cloth (nylon or silk), complete with tube ... ...
C.1838. ,, ,, 6″ diam., ,, ,, ,, ,, ,, ,, ,, ...
C.1839. Extra Nets of bolting cloth (nylon or silk) for C.1834 ... ...
,, ,, ,, ,, ,, ,, ,, ,, ,, C.1837 ... ...
,, ,, ,, ,, ,, ,, ,, ,, ,, C.1838 ... ...
C.1840. **Flanged tubes** for above nets, glass... ... ... each
C.1841. ,, ,, ,, ,, celluloid ... ... each
C.1841a. **Gauze Net,** 5″ diam., on brass ring with glass tube ... ...
C.1842. **Canvas Net,** 6″ diam., on brass ring ... ...
C.1845. **Bottle Clip** to take 4 oz. bottle ... ...
C.1846. **Bottle, 4 oz.,** with cork to fit above ... ... each
C.1850. **Folding Knife** ... ...
C.1853. **Suction Bulb** for diatoms, etc. ... ...
C.1857. **Grapple,** flat pattern, blunt for pocket with 24 feet cord on frame ... ...
C.1860. **Waterproof Bags** for nets, 8″×7″ ... ...



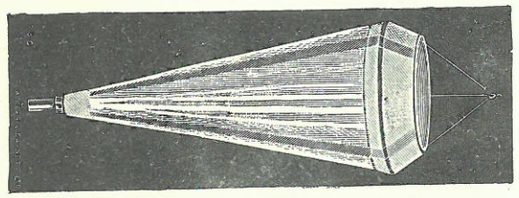
C.1867.

C.1888.



C.1886.

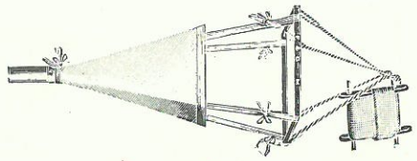
C.1867. **Omer-Cooper Water Net** with 5′ 6″ ash handle, coarse net 9″ diam. of extra strong silk gauze for collecting larger specimens, also 6″ net of very fine bolting silk for collecting small plankton. Complete outfit as above ... ...
C.1687a. **Coarse Net,** 9″ diam. for replacement ... ...
C.1867b. **Fine Net,** 6″ diam. for replacement... ... ...
C.1886. **Large "D" Net,** folding form, 12″ diam. strong canvas bag and socket, without stick ... ...
C.1887. Pair of "D" Nets, for marine work in rock pools ... ...
C.1888. **Water Net,** 8″ diam. strong canvas bag and brass socket to fit plain stick of suitable diameter. (Will not fit C.1826 or C.1832.)... ... ...
C.1889. **Sticks** for use with above, 30″ long ... ... each



C.1874 & 5.



C.1870a, b & c.

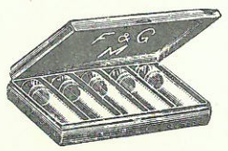


C.1878.

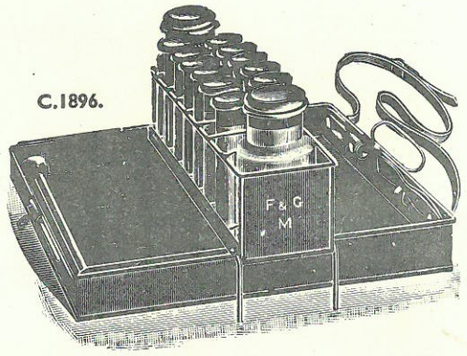
Tow Nets.

	Tow Net, 11″ diam. with tapering bag, reinforced seams on canvas band, brass receiver with bayonet catch, 24 yards stout cord on frame ... ...
C.1870a.	Coarse bolting nylon or silk bag, 62 to inch ... ...
C.1870b.	Medium „ „ „ „ „ 125 to inch ... ...
C.1870d.	**Tow Net Receiver,** brass, for use with above ... ...
C.1873.	Tow Net as above with muslin bag and bottle receiver ... ...
C.1874.	**Tow Net** large size on 18″ wooden frame. Reinforced canvas top and seams to strengthen bolting cloth bag. Metal bayonet catch receiver.
	Coarse 62 to inch. ... ...
C.1875.	Medium 125 „ „ ... ...
C.1878.	**Lowndes Plankton Net** for freshwater or marine use. Square metal frame 12″ with loops at corners to which net and towing cord are attached. Net of medium mesh bolting nylon or silk, conical shape with tapes to tie to frame. Price complete with metal receiver and 100 feet of cord on frame
C.1879.	**Extra Nets** with tapes, for above ... ...

Collecting Cases for Pond Life



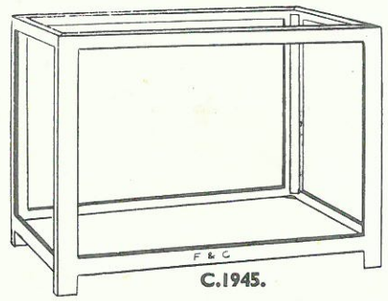
C.1890.



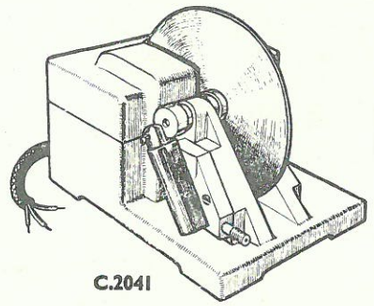
C.1896.

C.1890.	**Pocket Tube Case** with five plastic capped tubes		each
C.1895.	**Tube Case,** $8\frac{1}{2}$″×$4\frac{1}{2}$″×$1\frac{3}{4}$″, black enamelled outside, with six F.B. tubes, $3\frac{1}{2}$″×$1\frac{1}{4}$″ arranged to stand upright when case is opened		
C.1896.	**Large Collecting Case,** $12\frac{1}{2}$″×$5\frac{1}{2}$″×$3\frac{3}{4}$″, similar to above with two large bottles and 12 tubes $3\frac{1}{2}$″×$1\frac{1}{4}$″, pipette rubber bulb and space for pond nets, etc. Handle and shoulder strap		
C.1897.	Spare bottles for use with C.1896	each ;	doz.
C.1897a.	Spare tubes for use with C.1896	each ;	doz.
	Pipettes—see page 12.		
C.1920.	**Rousselet's Compressor** with fine adjustment screw and supply of covers		each
C.1927.	**Stage Trough,** on 3″×1″ slides		each
C.1928.	„ „ on 3″×$1\frac{1}{2}$″ slides		each
C.0000.	**Square Cell Slides**		
C.1944.	**Plate Glass Troughs,** fused, ideal for photography, 50mm.×50mm.×10mm. ...		
	„ „ „ „ „ „ „ 80mm.×60mm.×10mm. ...		
	„ „ „ „ „ „ „ 100mm.×100mm.×20mm. ...		
C.1933.	**Sedgwick-Rafter Counting Chamber,** 5cm.×2cm., ruled in 1mm. squares, capacity 1cc.		

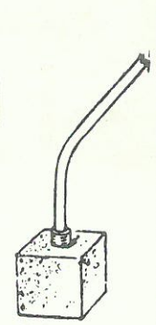
AQUARIA and ACCESSORIES



C.1945.



C.2041



C.2050.



C.2001.

C.1945.	**Angle-Iron Aquaria,** well made, frames painted green. Larger sizes fitted with plate glass, front and back (special sizes to order).	
	12″×6″×6″ 14″×8″×8″ 18″×12″×12″ 24″×12″×12″	
C.1937.	**Small Perspex Tanks** for examining pond life	3″×3″×1″ 4″×5″×1″ 6″×6″×1½″

Aerators

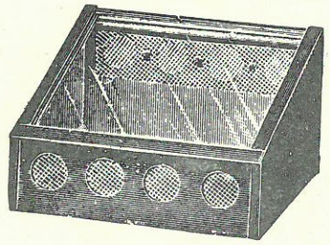
C.2040.	**Hyflo,** new single piston pattern, recommended—very reliable for at least 12 diffusers ... ...
C.2041.	**Hyflo,** twin piston for at least 24 diffusers ... ...
C.2042.	**Leon,** Large, 2 cylinders, for 50-60 diffusers ... ...
C.2044.	**Es-Es,** Long-life pattern... ... ...
C.2045.	**Streamline** ... ...

Accessories

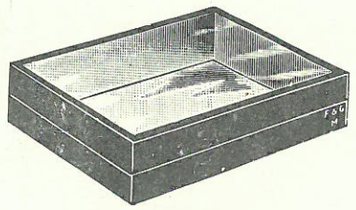
C.2050.	**Stone diffusers**		each
C.2054.	**Metal diffusers,** adjustable, chromium plated		
C.2051.	**Celluloid stems** for diffusers, about 9″		
C.2052.	**Rubber tubing** for aerators.	Per yard ;	Per 60ft. coil
C.2055a.	**Metal 3-way connectors**		
C.2055.	**Metal 3-way screw valves**		
C.2059.	**Screw tubing clamps**		
C.2018.	**Water lifter** with filter and syphon		
C.2019.	**Glass wool** for filters—per 4oz. packet		
C.2022.	**Hydraffin Carbon** for filters—per packet		
C.2070.	**Pyrex Aquarium Heaters**		+P.T
C.2063.	**Pyrex Thermostats**		
C.2064.	**Thermostats,** outside fitting in bakelite cases		
C.2068.	**Thermometers,** mercury, floating, Fahrenheit only		
C.2014.	**Glass sediment remover**		
C.2017.	**Glass automatic syphons**		
C.2001.	**Rustproof scrapers** for razor blades		
C.1996.	**Plant pots,** bakelite, square pattern...		
C.1997.	„ „ „ round „		
C.1998.	**Aquarium Testing Outfit,** capillator with 9 standards, solution and tubes, pH 6.6—7.6		
C.1999.	**Aquarium Indicator Solution** for pH	25 ccs.	100 ccs.

Large Forceps for Aquaria—see page 12

For Laboratory tanks, see page 22.



C.2035/9.



C.2450/65.

VIVARIA FOR AMPHIBIANS, REPTILES, Etc.

Made of stout zinc, enamelled green outside, ventilated with sliding top of glass or perspex. May be used for rearing insect larvae, etc.

		With glass cover
C.2035.	10″×9″	
C.2037.	14″×10″	
C.2038.	18″×12″	
C.2039.	24″×14″	

C.2049. **Large Vivarium** of wood, glass and aluminium ; weather proofed. Green outside, Size 30″ x 27″ x 18″ ... ... Lighting and thermostatically controlled heating included with above.

GLASS TOP BOXES

Rectangular Glass Top Boxes, shouldered, flush sides, black outside, white inside. The larger sizes are multiples of the smallest so that no space need be lost in fitting into museum cases or cabinets.

	Size	1″ deep dozen	gross		1½″ deep dozen	gross		2″ deep dozen	gross
C.2450 ...	1¾″×1¼″			C.2455 ...					
C.2451 ...	2½″×1¾″			C.2456 ...			C.2461 ...		
C.2452 ...	3½″×2½″			C.2457 ...			C.2462 ...		
C.2453 ...	5″ ×3½″			C.2458 ...			C.2463 ...		
C.2454 ...	7″ ×5″			C.2459 ...			C.2464 ...		
C.2465 ...	7″ ×5″×3″	per doz.							

Rectangular Glass Topped Boxes, extra strong, covered art brown paper

	7″×5″×2″	10″×7″×2″	14″×10″×2″	
C.2470.	...	C.2471. ...	C.2472.	each
Cork lined	...	...		each
C.2482.	**Cotton Wool,** white absorbent			lb.
C.2483.	„ „ white non-absorbent			lb.
C.2485.	„ „ coloured (4 colours) non-absorbent			lb.

LABORATORY TANKS

C.1984. **Rectangular All-glass tanks** moulded in one piece. (Can only be supplied to bona-fide educational institutions.)

7″×5″×5″ 8″×6″×6″ 10″×7″×7″ 12″×8″×8″ 16″×11″×11″ 22″×11″×12″

C.1987. New pattern with flange for cover plate, 10″×7″×6″ ... ... each ; doz.

C.1990. **Round Tanks,** clear glass, polished edges.

Diameter ...	6″	8″	12″	14″
Height	4″	4″	5″	6″
Price				

MUSEUM JARS

Round Museum Jars of good quality glass. Not less than 1 dozen of a size supplied except where prices for single jars are given.

Height in inches ... / Inside diameter ...		3 / 1½	4½ / 1½	2 / 2	3 / 2	4 / 2	6 / 2	3 / 3	4 / 3	5 / 3	6 / 3	7 / 3	8 / 3	9 / 3	10 / 3	12 / 3	12 / 4
Ground flange, no cover	each ...																
	doz. ...																
Ground in Flat stopper	each ...																
	doz. ...																
Peg stopper	doz. ...																

Rectangular Museum Jars—Glass. One broad side polished, square internal corners, clear glass of uniform thickness.

Height	Width	Depth	Each	Dozen
5 cms.	5 cms.	3 cms.		
7.5 „	5 „	3.2 „		
10 „	10 „	3.8 „		
10 „	12.5 „	6.3 „		
12.5 „	10 „	6.3 „		
15 „	10 „	6 „		

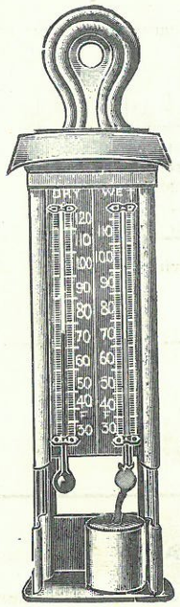
UNBREAKABLE "PERSPEX" MUSEUM JARS OF SUPERIOR QUALITY

Accurately made, true to shape, securely welded joints. Treated with "anti-static" to prevent attraction of dust.

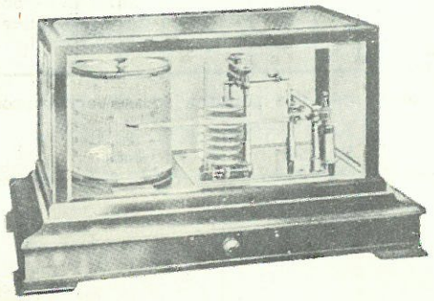
					Centre Plates			
	⅛″ Wall				Clear		Black or White	
H.	W.	D.	Each	Dozen	Each	Dozen	Each	Dozen
2″	2″	1″						
3″	2″	1″						
3″	3″	1″						
4″	3″	1½″						
4″	3″	2″						
4″	4″	2″						
5″	3″	2″						
5″	4″	1″						
5″	4″	2″						
5″	4″	3″						
5″	5″	2″						
5″	5″	4″						
5″	5″	5″						
6″	2″	1″						
6″	2″	2″						
	3/16″ Wall							
6″	4″	2″						
6″	5″	2″						
6″	5″	4″						
6″	6″	1½″						
6″	6″	2″						
6″	6″	3″						
6″	6″	5″						
7″	2″	2″						
8″	3″	2″						
9″	4″	2″						
10″	6″	3″						
10″	10″	5″						
12″	6″	3″						
13″	8″	5″						
14″	8″	6″						
18″	10″	6″						

Any other size to order.

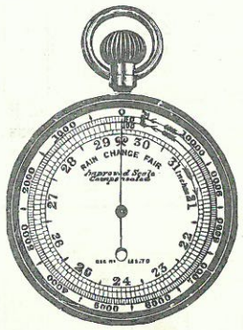
METEOROLOGICAL INSTRUMENTS, &c.



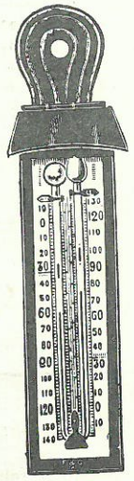
C.3023.



C.3001.



C.3043.



C.3025.

C.3001. **Barograph** (Recording Barometer.) Oak or Mahogany frame, lift-off cover, compensated for temperature, with drawer for charts and 52 Weekly Charts and ink. Dimensions 14″ × 8″ × 7″ high. Weight 9½ lbs. ... ...
Also available in metal case.
Sets of 52 Weekly Charts for above ; per set ... ...

C.3011. **Thermograph** (Recording Thermometer) in metal case, sensitive bi-metallic coils, direct reading, with 52 Weekly Charts and ink. Dimensions 10″×5″×5″. Weight 00 lbs. ... ...
Set of 52 Weekly Charts for above ... ...

C.3013. **Barothermograph** (Combined Barometer and Thermometer) in Oak or Mahogany. By the use of Blue Ink for the Barograph and Green Ink for the Thermograph, the records on the same chart cannot be confused. With drawer for charts and two bottles ink, and 52 Weekly Charts size 14½″ × 8¾″ × 8″. Weight 14 lbs.... ...
Set of 52 Weekly Charts for above ... ...

C.3021. **Hygrograph**—Recording wet and dry bulb thermometer. By the use of distinctive coloured Inks the percentage of humidity and also the temperature are recorded on the same chart, and 52 Weekly Charts size 10½″ × 5″ × 8″ high. Weight 12 lbs.
Set of 52 Weekly Charts for above ... ...

C.3023. **Mason's Hygrometer**—Wet and dry bulb thermometer. In metal case with zinc scale 8″ ... ...

C.3025. **Maximum and Minimum Thermometers**—Sixes pattern. In metal case with zinc scale 8″ and magnet to set indicators ... ...

C.3027. **Room Thermometers**—8″ Brass Scale on oak back—°F. ... ...
" " 9″ with °F. and °C. Scales—superior quality ... ...

C.3040. **Aneroid Barometers**—Round wood base with high-grade movement 4″ dia. ... ...

C.3043. **Pocket Aneroid**—1¾″ Watch Form. Finest British manufacture.
Revolving altitude scale to 8,000 ft. in 50 ft. divisions. Compensated for temperature.
Oxydised case in outer velvet lined case. ... ...

C.3044. As above 1¾″ Watch Form, Revolving Altitude Scale to 3,000 metres in 10 metre divisions.
Many other patterns can be supplied ... ...

C.3051. **Rain Gauge**—Symonds pattern, copper. 5″ funnel with inner vessel and ½″ Camden measure reading to .005″ ... ...

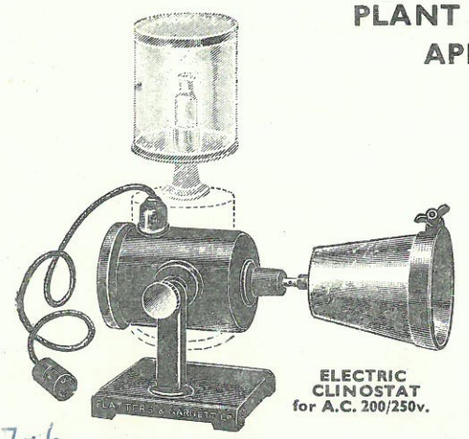
C.3052. As above in Japanned tin with ordinary measure ... ...

C.3054. **Meteorological set in wood case** consisting of Howard's Rain Gauge, Glass bottle and ½″ measure, weather chart, 5″ dial Aneriod Barometer, Mason's Hygrometer, 8″ Maximum and Minimum Thermometer, 8″ Ordinary thermometer. Complete

C.3055. Measures for 5″ Funnels—Camden pattern ... ...

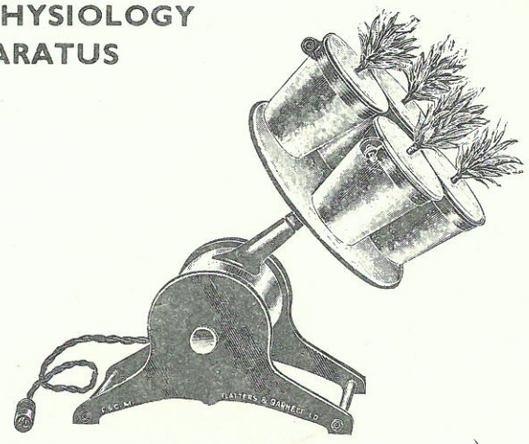
C.3056. " " " " Ordinary pattern ... ...

PLANT PHYSIOLOGY APPARATUS



ELECTRIC CLINOSTAT for A.C. 200/250v.

B.3125.



B.3126 & B.3128.

B.3125. **" Mikrops " Electric Clinostat,** small pattern for A.C. Mains only. 1 revolution every quarter-hour. Inclinable at any angle from vertical to horizontal. Complete with cork disc, bottle holder and celluloid cover, packed in strong cardboard box ... ...

B.3155. **Aluminium Plant Pot Cover** for 3″ thumb pot with clamping band ...

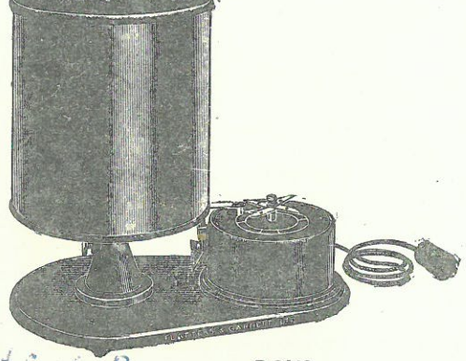
B.3158. **Sheet Rubber** 32″ wide. Per half-yard ... ...

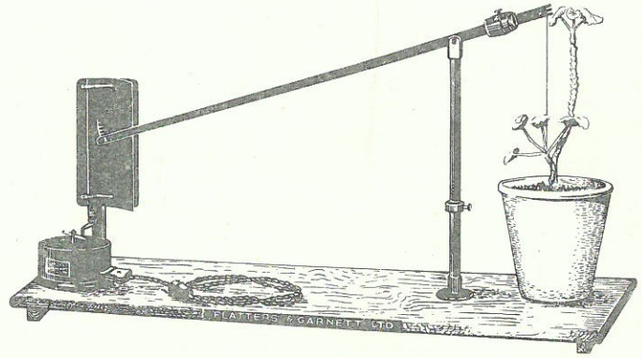
B.3126. **Large " Mikrops " Electric Clinostat**—will carry up to 10lbs. For A.C. Mains only ... ...

B.3127. **Large Aluminium Plant Pot Cover** for 5″ pot with clamping band ...

B.3128. **Platform** with 4 small 3″ aluminium plant pot covers ... ...

B.3129. **Large cork disc** 8″ diameter with stout celluloid covers ... ...





B.3192. B.3185.

B.3185. **Electric Auxanometer, Fritsch & Salisbury pattern** for A.C. 200—250v. only. Complete in stout card box ... ...

B.3192. **Electric Auxanometer, Recording Drum pattern ;** several recording levers can be used at the same time. For A.C. Mains 200—250v. only. Complete with flex and plug adaptor ... ...

B.3190. **Recording lever** for use with above, on heavy base ... ...

B.3186. **Glazed paper** gummed at one edge, for use with above. ... Per 100

B.3200. **Balance** for transpiration experiments, etc. with two round pans to weigh to 2 kilos. ... ...

B.3204. **Potometer. Ganong's pattern,** complete with stand ... ...

B.3207. **Potometer. Farmer's pattern** ... ...

B.3209. **Potometer tubes** for use with Darwin's potometers ... ...

B.3213. **Simple Osmosis apparatus** (thistle funnel with semi-permeable membrane)

B.3219. **Parchment Paper** in sheets 20″×30″ ... ... doz.

B.3221. **Diffusion tubes,** parchment paper 16mm.× 100mm. Per box of 5 ; 25 for

B.3222. **Ox bladder** for osmosis, large size ... ...

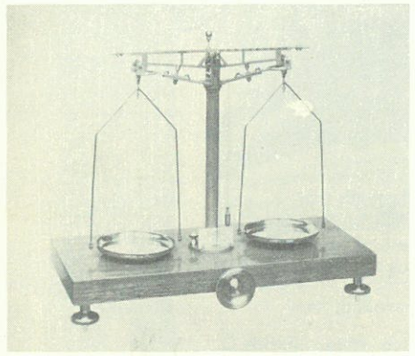
B.3225. **Aluminium plant pot cover** with clamping band for rubber sheet. For 3″ Pots
" " " " " " " " " " " " 4″ Pots
" " " " " " " " " " " " 6″ Pots

B.3229. **Plasticine** (Harbutts) in 1-lb. packets, 12 colours ... ... lb.

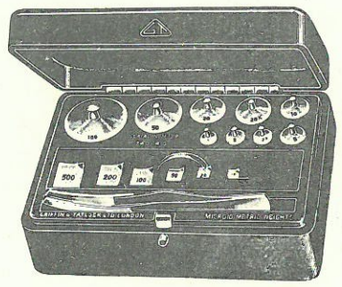
GENERAL LABORATORY APPARATUS

We endeavour to maintain stocks of the laboratory equipment mentioned below, but many other items can be supplied to order. Quotations will be sent on receipt of full particulars.

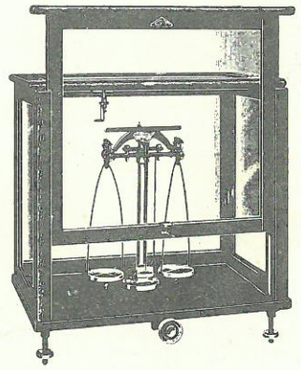
BALANCES



B.4031.



B.4044.



B.4036.

B.4030. **Physical balance type PSC.** Capacity 250 grams, reading to 0.5 milligrams. A soundly constructed instrument of semi-analytical grade. Complete in case ... ...

B.4031. **Physical balance type PSB** for general laboratory use. Capacity 250 grams. Sensitivity 2 milligrams (nominal) on wooden baseboard, without case ...

B.4032. **Junior School balance** with moulded plastic base. Capacity 250 grams. Sensitivity 2 milligrams, without case ... ...

B.4033. **Portable balance** in case which forms the base when balance is assembled. Capacity 50 grams (nominal.) Sensitivity 10 milligrams per division (nominal.) Complete ... ...

B.4035. **Duorider balance.** Direct rapid reading to 1 gram in 1 milligram steps. Two rider scales with non-detachable riders. Capacity 250 grams. Sensitivity 2 milligrams. Bakelite base, stainless steel pans, complete in mahogany case

B.4036. **Microid analytical balance.** Capacity 200 grams. Sensitivity 0.1 milligram. In polished mahogany case. Base of black reinforced bakelite ... ...

B.4044. **Microid analytical weights** of stainless steel. Adjustment 1, in bakelite case. 1 mgm riders. 10 mgm—50 grams ... ...

B.4044a. 10 mgm—100 grams ... ...

B.4045. **Weights for students balances,** precision quality, complete in box, to weigh to 100 grams ... ...

B.4046. Weights for students balances, precision quality, complete in box, to weigh to 100 grams, cheaper quality ... ...

Illustrated leaflets with full descriptions of the above balances will be sent on application.

Balances for Transpiration Experiments, etc.

B.3200. **Balance** with two large round pans to weigh to 4 lbs.... ....

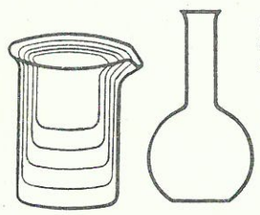
B.4037. **Butchart balance,** direct reading, very convenient for rapid weighing. 200 grams graduation in single grams and ¼ ozs. Removable 6″ aluminium pan ... ...

B.4038. **Butchart balance,** direct reading, very convenient for rapid weighing. 1000 grams graduated in 5 grams and ½ ozs. ... ...

LABORATORY GLASSWARE

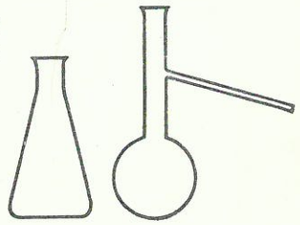
To save space, only the most popular sizes, normally kept in stock are listed below. Other sizes can be supplied to order. Monax and 'W' Brand glassware can also be supplied—price lists on application.

Pyrex Beakers and Flasks—Discounts for Quantity



The quantity of each item per standard case is given for convenience. The following special discounts will be given for standard cases which need not be all alike.

1 to 9 cases	10%
10 to 19 cases	10%+2½%
20 to 29 cases	10%+5 %
30 to 39 cases	10%+7½%
40 cases or over	10%+10%



Pyrex Beakers

B.4400a. **Squat form** (Griffin) with lip.

Capacity ml.	50	100	250	400	600	1000	2000	5000
Each								
Dozen								
Number per case	144	120	84	60	60	36	12	6

Other sizes to order.

Pyrex Flasks

	Capacity ml. ...	50	100	250	500	1000	2000	3000
B.4409a. Flat Bottom.	each							
	dozen ...							
	No. per case ...	144	144	84	60	36	18	12
B.4410a. Round Bottom.	No. per case ...	144	84	84	48	36	18	12
B.4414a. Conical (Erlenmeyer's)	each							
	dozen ...							
	No. per case ...	144	144	72	72	36	24	12
B.4417a. Distillation.	each							
	dozen ...							
	No. per case ...	60	36	24	18	12	6	6
B.4418. Filter with tubulure	each							
	dozen ...							

B.4461a. Aspirators, plain with drawn out tubulure, for tubing ... ...

½	1	2	litre
			each

B.4461b. Aspirators with pressed tubulure to take rubber bung. ... ...

½	1	2	3	4	5	litre
						each

B.4461c. Aspirators with stopper and ground-in stopcock. ... ...

½	1	2	3	4	5	litre
						each

Larger sizes also available—list on application.

250	500	1000	2000 ccs.

B.4464. **Woulff's Bottles,** plain, 2 neck ... ...
„ „ „ 3 neck ... ...

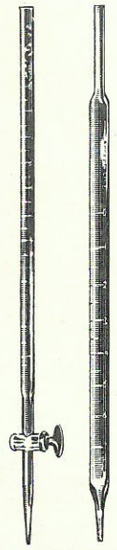
B.4468. **Desiccators,** Scheibler's, with ground on cover—complete with perforated zinc discs.

Int. dia.	12½	18	24	cms.
				each

GRADUATED GLASSWARE

We are appointed main stockists of British made ' E-Mil ' Brand Laboratory Glassware, which is of outstanding quality. Each article is supplied packed separately in its own container, thus making it easier to handle and minimising the risk of damage.

We are endeavouring to hold stocks of the items listed below. We shall be glad to send an illustrated catalogue of the complete range of ' E-Mil ' products on request to schools and other educational establishments.

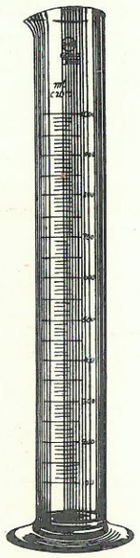


B.5001. B.5022.

	Capacity ml.	Graduated in mls.	Price each for : 1	12	* 1 case	* 5 cases	* 10 cases	No. per case
B.5001.	10	.1 ml.						12
Burettes with	25	.1 ml.						24
Stopcock	50	.1 ml.						24
" E-Mil " Gold/Line	100	.2 ml.						12
B.5002.	10	.1 ml.						12
Burettes with	25	.1 ml.						24
jet (and clip)	50	.1 ml.						24
" E-Mil " Gold/Line	100	.2 ml.						12
B.5003. Jets for above								12
B.5011.	50	—						48
Measuring Flasks	100	—						48
Stoppered	250	—						24
" E-Mil " Gold/Line								
B.5012.	50	—						24
Measuring Flasks	100	—						24
Unstoppered	250	—						24
B.5021.	1	—						48
Bulb Pipettes	2	—						48
	5	—						48
	10	—						48
	15	—						12
	20	—						48
	25	—						48
	50	—						24
	100	—						12
B.5022.	1	0.01 ml.						24
Measuring	1	0.1 ml.						24
Pipettes	2	0.02 ml.						24
Graduated.	5	0.1 ml.						24
	5	0.05 ml.						24
	10	0.1 ml.						24
	25	0.1 ml.						24
B.5023.								
Haemocytometer	Red cell							24
Pipettes	White cell							24
B.5031.	10	0.1 ml.						48
Measuring Cylinders	25	0.5 ml.						48
Graduated, with	50	0.5 ml.						48
Spout	100	1.0 ml.						48
	250	2.0 ml.						48
	500	5.0 ml.						24
	1000	10.0 ml.						24
B.5032.	25	0.2 ml.						24
Measuring Cylinders	50	0.5 ml.						48
Graduated.	100	1.0 ml.						48
Stoppered.	250	2.0 ml.						24
	500	5.0 ml.						12
B.5051. Chemical	**Range**							
Thermometers	—10°to110°C. 1°C.							24
12" long	0° to250°C. 1°C.							24
" E-Mil " Gold/Line	30° to220°F. 1°F.							24
Other ranges also available								



B.5021.



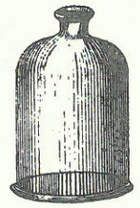
B.5031.



B.5051.

*May include assorted standard cases of any " E-Mil " items.

B.5052. Thermometers for Calorimetry. Graduations commence 5" up. —10° to 50°C 0.1°C ... each



BELL JARS

White flint glass with ground edges.

		6	8	10	9	12	
Height in inches		4	5	5	6	6	
B.3241.	With knob						each.
B.3239.	Open neck						each.
B.3240.	Ground in stopper ...						each.

Other sizes also available—list on application.

LABORATORY PORCELAIN

Complete lists of Royal Worcester and Sillax laboratory ware on application.

B.4430. **Evaporating Basins,** Sillax, **ordinary form** with lip.

Size No. ...	000	00	0	1	2	3	4	5	6	6B	7	8	8A	9
Diameter m/m	61	75	85	90	95	105	115	127	157	178	200	220	245	280
Capacity ml....	42	75	85	125	140	210	250	250	475	850	1000	1000	1900	3000
Per dozen ...														

B.4432. **Evaporating Basins,** Sillax, **flat form** with lip.

Size No.	1	2	2B	3	4	5
Diameter m/m. ...	70	82	90	95	100	120
Capacity ml. ...	38	85	100	115	150	290
Per dozen ...						

B.4442. **Sillax Crucibles, Form A,** squat shape, without covers.

Size No.	A4/0	A3/0	A2/0	A/0	A/1	A/2
Diameter (rim) mm.	18	32	40	43	49	59
Capacity ccs.	1.6	8	15	19	28	50
Per dozen						



B.4442

B.4443. Lids for above. Per dozen ...

B.4444. **Sillax Crucibles, Form B,** tall shape, without covers.

Size No.	B3/0	B2/0	B/0	B/1	B/2
Diameter (rim) mm.	28	32	39	43	55
Capacity ccs.	6	11	16	32	67
Per dozen					

B.4445. Covers, per dozen ... ...

B.4452. **Crucible tongs,** polished brass with bow, 6" ... ... doz.

B.4453. " " " " " " 8" ... ... doz.

2"	2½"	3"

B.4457. **Pipe clay triangles,** per dozen ... ...



B.4437

MORTARS AND PESTLES

B.4437.

Earthenware Mortars and Pestles with wooden handles.

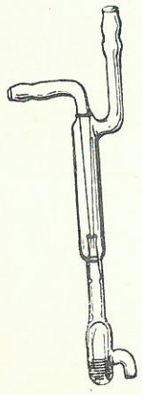
Diameter ...	2½"	3"	3½"	4¼"	5"	5½"	6"	7"	8"	9¼"
Price each ...										

B.4438.

Glass Mortars and Pestles.

Diameter ...	2"	2½"	3"	3½"	4"	4½"	5"	5½"
Price each ...								

FILTERING APPARATUS



B.4540.

B.4490. **Funnels,** white glass, plain or fluted.

Diameter ...	2″	2½″	3″	3½″	4″	5″	6″
Each... ...							
Dozen ...							



B.4490.

B.4492. **Funnels, plastic,** unbreakable, resistant to most chemicals.

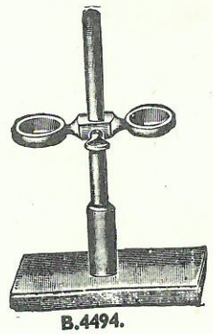
Diameter	2½″	3½″	4½″	5½″
Each				
Dozen				

B.4494.	**Funnel stands,** hardwood. Single	each ;	doz.
	,, ,, ,, Double	each ;	doz.
B.4506.	**Thistle Funnels,** 12″ long	each	doz.
B.4508.	**Cylindrical funnels** with stopcock, 50 cc.	each ;	doz.
B.4512.	**Cylindrical separating funnels,** stoppered, 50 cc.	each ;	doz.
B.4540.	**Glass filter pump,** "University College" pattern ...		each
B.4541.	**Metal filter pump,** Edwards		each

B.4552. **Buchner funnels,** Worcester porcelain, with perforated plate and vertical sides.

Size No.	1	2	3	4	5	6	
To take paper	4.25	5.5	7	9	11	12.5	cms. diam.
Each ...							

Larger sizes to order.



B.4494.

FILTER PAPER

	4.25	5.5	7	9	11	12.5	15	18.5	24	27 cm.
	Price per 100 circles.									
Separa Ap.... ...										
Whatman No. 1 ...										
,, No. 2 ...										
,, No. 5 ...										
,, No. 30 }										
,, No. 531 }										
,, No. 540...										

Separa Ap.	18¼″×22½″	per 100 sheets
Whatman No. 1	18¼″×22½″	per 100 sheets
Seed Germinating Paper	... ...	per 100 sheets

TEST TUBES and STANDS

B.4560. **Test tubes,** soda-glass, good quality for general laboratory use.

	5″×½″	5″×¾″	6″×⅝″	6″×¾″	5″×⅝″	6″×1″
Per gross						
Per dozen						

B.4562. **Combustion test tubes,** Monax, extra strong.

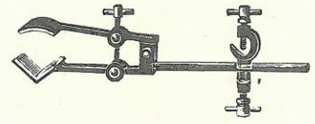
B.4564/9. **Test tube stands,** hardwood.

		Without Pegs			With Pegs	
B.4564.	6-hole	each ;	doz.	B.4567. ...	each;	doz.
B.4565.	12-hole	each ;	doz.	B.4568. ...	each;	doz
B.4574.	**Test-tube Holders,** wood, with spring				each ;	doz.
B.4575.	,, ,, ,, brass clips with wood handles				,, ;	,,

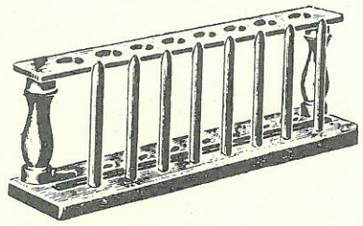
SUNDRY LABORATORY EQUIPMENT



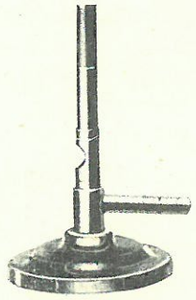
B.4575.



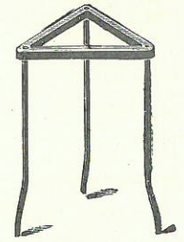
B.4124.



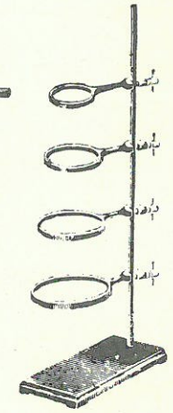
B.4567.



B.4060.



B.4128.



B.4120 & 4122.

		each	dozen
B.4060.	**Bunsen Burner,** on pressed steel weighted base 7/16″		
B.4120.	**Retort Stands,** stove enamelled black, base 8″ × 5½″, rod 27″		
B.4122.	**Retort rings** to fit **B.4120** with boss 1½″ 2¼″ 3¼″ 4″		
	Each ...		
	Dozen ...		
B.4124.	**Clamps and boss** heads for Retort Stands, with cork lined jaws.		
	Small Jaws 2¼″		
	Large Jaws 2¾″		
B.4128.	**Tripod Stands** with triangular top		
B.4131.	**Sand Baths,** tin, 6¼″		
B.4133.	**Wire gauze,** plain, 5″ square...		
B.4134.	,, ,, ,, with asbestos centre 5 ins. square		
B.4140.	**Water Baths,** copper, hemispherical with concentric rings:		
	Diameter ... 5″ 6″ 7″ 8″ 9″		
	Each... ...		
B.4141.	As above, cylindrical ... ... —		
B.4142.	With constant level, extra		
B.4143.	**Iron stands** for above		
B.4154.	**Hot air ovens,** copper, with perforated shelf on 4 legged iron stand.		
	6 7 8 9 10 11½ inches cube.		

SIEVES

£3 10 10
1 set

B.4181. **Investigator Sieves** 4″ dia. consisting of :
4 brass sieves (30, 60, 90 and 100 mesh to the inch) and brush in pair of brass containers ... ...

B.4191. **Set of sieves** in tin frames, brass gauze 4″ diam. with lid and receiver. 12, 18, 30,60, 90, 100, 120 to inch ... ...

B.4192. Set of sieves as above 6″ diam. ... ...

B.S.S. Standard Sieves to order.



B.4191.

B.4200. **Corks,** best quality bark, selected for laboratory use.

Diameter (narrow end)	⅜″	½″	⅝″	¾″	⅞″	1″	1⅛″	1¼″	1⅜″	1½″	1⅝″
Dozen											
Gross											

B.4203. Assorted corks ⅝″ to 1″ ... gross ; **B.4204.** Assorted corks ½″ to 1½″ ... gross

B.4205. **Cork shives,** best quality.

Diameter	⅞″	1″	1⅛″	1¼″	1½″	1⅝″	1¾″	2″	2¼″	2½″	3″
Dozen											
Gross											

B.4207. **Cork borers,** brass, nickel-plated, with separate handles. Set of 3 6 12

Per set ...

B.4209. **Cork borer sharpeners** ... ... each

B.4212. **Cork presses,** wheel pattern in aluminium alloy ... ... each

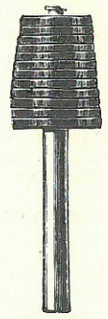
B.4215. **Rubber stoppers,** best quality red rubber—solid.

B.4216. ,, ,, with one hole.

B.4217. ,, ,, ,, two holes.

Dia. (small end)	¼″	5/16″	⅜″	7/16″	½″	9/16″	⅝″	11/16″	¾″	13/16″	⅞″	15/16″
Each												
Dozen ...												

Dia. (small end)	1″	1 1/16″	1⅛″	1 3/16″	1¼″	1⅜″	1½″	1⅝″	1¾″	1⅞″	2″
Each											
Dozen ...											



B.4207.

RUBBER TUBING

3/6 yds 5/-

4/6 yds 6/-

		3	4	6½	8	10 mms.
B.4226.	Thin walled rubber tubing, bore	⅛″	3/16″	¼″	5/16″	⅜″

per yard.
per 60 ft. coil

B.4221.	Thick walled rubber tubing, bore	5/16″*	½″

per yard
per 60 ft. coil

*This size is recommended for use with bunsen burners.

B.4222. Pressure tubing ... ... 3/16″ × 7/16″ 5/16″ × 9/16″ 5/16″ × ¾″

per foot
per 60 ft. coil



B.4238.

B.4237. **Mohr's spring clips** for tubing ... ...

B.4238. **Hoffman's screw clips** ... ... ¾″ ⅞″ 1″

doz.



B.4237.

B.4700. **Chemistry Stencils** ... ...

B.4702a. **'Selvyt' cloths** for cleaning lenses, etc. 4½″ × 3″ ... ... doz.

B.4705. **Check dusters** ... ... each ; doz.

B.4754. **1 Metre rule** in mms. and 1/10ths inch ... ... ,, ; ,,

½ ,, ,, ,, ,, ,, ,, ,, ... ,, ; ,,

(Other patterns also available.)

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