

John Hutton Balfour Teaching Diagrams Finding List

This is a draft list of the 415 botanical diagrams, held by the Library of the Royal Botanic Garden Edinburgh (RBGE) that were commissioned by John Hutton Balfour (1808-1884) for use as teaching aids. Further information on the collection is available in the 2008 publication *John Hutton Balfour (1808-1884): Nature Study*, published by Inverleith House.

Corrections / amendments to this list can be sent to the Head of Library Services via email (Library@rbge.ac.uk).

N.B. Where a specific size is not specified the diagram consists of a single board (c. 50 x 60cm).

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|-------------------------|----------------------------------|-------------|---|----------|
| 24 | | <i>Sphagnum</i> | | Spiral and annular cells | |
| 72 | I. Ranunculaceae | <i>Anemone nemorosa</i> | | | |
| 120 | CLVI. Elaeagnaceae | <i>Elaeagnus angustiflora</i> | | Some illegible text. | |
| 156 | CXXV. Orobanchaceae | <i>Orobanche</i> | | | |
| 162 | CLVIII. Santalaceae | | | Latin and English words which are difficult to decipher. | |
| 169 | CCVI. Cyperaceae | <i>Scirpus lacustris</i> | | | |
| 236 | CLXXXIII. Dioscoreaceae | <i>Testudinaria elephantipes</i> | | | |
| 236 | CXC. Commelinaceae | <i>Tradescantia caricifolia</i> | | | |
| 275 | | <i>Galium</i> | | Verticillate leaves | 1 sheet |
| 277 | LXXII. Halorageae | <i>Hippuris vulgaris</i> | | | |
| 291 | | <i>Rumex obtusifolius</i> | | Reticulate unicostate curved venation in skeleton-leaf | 2 sheets |
| 298 | | <i>Convallaria majalis</i> | | Skeleton-leaf with reticulate striate convergent venation | 2 sheets |
| 303 | | <i>Taraxacum officinale</i> | | Runcinate leaf | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|------------------------|--------------------------------|-----------------|---|---------|
| 308 | | <i>Sida abutilon</i> | | Cordate leaf | |
| 311 | | <i>Passiflora</i> | | Palmatifid leaf | |
| 314 | I. Ranunculaceae | <i>Anemone hepatica</i> | | Three-lobed palmatifid leaf | |
| 316 | | <i>Geranium dissectum</i> | | Palmatifid leaf | |
| 320 | | <i>Sagittaria</i> | | Sagittate leaf | |
| 322 | | <i>Hydrocotyle vulgaris</i> | Marsh pennywort | Orbicular leaf | |
| 348 | CCVII. Gramineae | <i>Gramineae</i> | | Forms of ligule | |
| 349 | CCVII. Gramineae | <i>Gramineae</i> | | Forms of ligule | |
| 353 | CXLIII. Polygonaceae | <i>Rheum palmatum</i> | Rhubarb | Ochrea | |
| 357 | | <i>Claytonia perfoliata</i> | | Perfoliate leaf | |
| 360 | | | | Germination of pollen coniferae | |
| 374 | LXVIII. Crassulaceae | <i>Bryophyllum calycinum</i> | | | |
| 376 | XXXV. Tiliaceae | <i>Tilia europaea</i> | | Lime tree | |
| 381 | CLXII. Moraceae | <i>Dorstenia</i> | | | |
| 382 | CLXII. Urticaceae | <i>Ficus syconus</i> | | Small, covered text | |
| 387 | CCI. Alismaceae | <i>Butomus umbellatus</i> | | | |
| 397 | XCIII. Valerianeae | <i>Valeriana</i> | | | |
| 426 | CXXII. Convolvulaceae | <i>Cuscuta</i> | | Flower-diagram | |
| 435 | XL. Geraniaceae | <i>Pelargonium</i> | | | |
| 439 | XXXVII. Malpighiaceae | <i>Triaspis hypericoides</i> | | | |
| 440 | LXXXVIII. Umbelliferae | <i>Umbelliferae</i> | | | |
| 445 | LXVII. Saxifragaceae | <i>Parnassia palustris</i> | | | |
| 460 | CLXXV. Orchideae | <i>Cypripedium calceolus</i> | | | |
| 463 | CLXXVI. Zingiberaceae | <i>Mantisia saltatoria</i> | | Flower showing movement mechanism | 1 sheet |
| 468 | CXXIII. Solanaceae | <i>Nicotiana tubular calyx</i> | | Infundibuliform corolla | |
| 472 | XCIII. Valerianeae | <i>Valeriana dioica</i> | | Female flower, showing corolla and limb of calyx; the same with corolla removed | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|-----------------------|-----------------------------------|-------------|--|------|
| 473 | XCIII. Valerianeae | <i>Centranthus ruber</i> | | Flower, showing spurred corolla | |
| 477 | | <i>Symphytum officinale</i> | | Dissection of flower, showing corolla-scales and ovary | |
| 478 | XXIV. Caryophylleae | <i>Silene rigidula</i> | | | |
| 483 | LXXII. Halorageae | <i>Hippuris vulgaris</i> | | Monandria | |
| 486 | XCII. Rubiaceae | <i>Psychotria ipecacuanha</i> | | Inflorescence | |
| 491 | LXXV. Myrtaceae | <i>Metrosideros hypericifolia</i> | | | |
| 495 | CLXXV. Orchideae | <i>Orchis maculata</i> | | Flower dissected to show anther | |
| 496 | CLXXV. Orchideae | <i>Orchis maculata</i> | | Flower, dissected | |
| 506 | CLXII. Urticaceae | <i>Parietaria officinalis</i> | Pellitory | Flower, showing the filaments of stamens coiled under sepals, with one stamen released | |
| 512 | CII. Ericaceae | <i>Arbutus unedo</i> | | | |
| 513 | LXXVI. Melastomaceae | <i>Melastoma</i> | | | |
| 519 | CXXVIII. Gesneriaceae | <i>Gloxinia</i> | | | |
| 553 | CXLIII. Polygonaceae | <i>Rheum palmatum</i> | Rhubarb | | |
| 568 | C. Campanulaceae | <i>Campanula urticaefolia</i> | | Longitudinal section of ovary | |
| 575 | | <i>Linum usitatissimum</i> | | Fruit in transverse section, showing ten divisions | |
| 577 | CXXVIII. Gesneriaceae | <i>Pentstemon virginianus</i> | | | |
| 585 | LXVI. Rosaceae | <i>Geum</i> | | Branch with fruits; isolated carpel to show geniculate style | |
| 586 | LXVI. Rosaceae | <i>Alchemilla vulgaris</i> | | Flower | |
| 587 | | <i>Anemone alpina</i> | | Branch with involucre and fruit; separate achene with feathery style | |
| 614 | CXIII. Oleaceae | <i>Olea montana</i> | | | |
| 635 | CVIII. Primulaceae | <i>Anagallis arvensis</i> | | Pyxidium dehiscent | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|----------------------|-------------------------------|-------------|--|----------|
| 640 | VIII. Nymphaeaceae | <i>Nelumbium</i> | | Turbinate torus with immersed achenes | |
| 641 | XCIII. Valerianeae | <i>Valeriana officinalis</i> | | Achene with pappose calyx | |
| 649 | LXVI. Rosaceae | <i>Fragaria elatior</i> | Strawberry | Etaerio of achenes | |
| 660 | LXVI. Rosaceae | <i>Prunus laurocerasus</i> | | Drupe; same in section | |
| 670 | LXVII. Saxifragaceae | <i>Ribes grossularia</i> | Gooseberry | Berry; same in vertical section | |
| 676 | | <i>Citrus limonum</i> | Lemon | Hesperidium; same in section | |
| 683 | CLXXVII. Musaceae | <i>Musa sapientum</i> | | Portion of inflorescence, showing some young fruits forming at base, flowers at apex | |
| 686 | LXVI. Rosaceae | <i>Pyrus malus</i> | | Pome | |
| 687 | LXVI. Rosaceae | <i>Quince</i> | | | |
| 691 | CLXII. Moraceae | <i>Artocarpus incise</i> | Bread-fruit | | |
| 692 | CLXII. Urticaeae | <i>Morus nigra</i> | | | |
| 785 | CXCIV. Palmae | <i>Phytelephas macrocarpa</i> | | | |
| 788 | CXCIV. Palmae | <i>Euterpe oleracea</i> | | Germination of seed | |
| 792 | I. Ranunculaceae | <i>Ranunculus repens</i> | | Plant with stolon | |
| 793 | I. Ranunculaceae | <i>Ranunculus</i> | | Flower dissected | |
| 799 | I. Ranunculaceae | <i>Aconitum uncinatum</i> | | Inflorescence | |
| 807 | V. Anonaceae | <i>Anona squamosa</i> | Sugar apple | Twig with flowers; separate flower | |
| 808 | VI. Menispermaceae | <i>Cissampelos smilacina</i> | | Branch with flowers | |
| 809 | VI. Menispermaceae | <i>Menispermum canadense</i> | | Staminate flowers | |
| 810 | VI. Menispermaceae | <i>Menispermum canadense</i> | | Group of fruits; fruit with seed in vertical section | |
| 812 | VII. Berberidaceae | <i>Berberis vulgaris</i> | Barberry | Twig with inflorescence; dissections of flower and fruit | |
| 814 | VII. Berberidaceae | <i>Berberis vulgaris</i> | | Flower | 2 sheets |
| 816 | VIII. Nymphaeaceae | <i>Nymphaea alba</i> | | Dissection of flower | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|-----------------------|--------------------------------|---------------|--|----------|
| 817 | VIII. Nymphaeaceae | <i>Nymphaea alba</i> | | Plant | |
| 818 | VIII. Nymphaeaceae | <i>Nuphar luteum</i> | | | |
| 820 | VIII. Nymphaeaceae | <i>Nuphar luteum</i> | | Vertical section of flower | 1 sheet |
| 823 | IX. Sarraceniaceae | <i>Sarracenia purpurea</i> | | Flower | |
| 825 | X. Papaveraceae | <i>Meconopsis cabrica</i> | | | |
| 826 | X. Papaveraceae | <i>Papaver rhoeas</i> | Scarlet poppy | Flower and capsule | 1 sheet |
| 833 | XII. Cruciferae | <i>Capsella bursa-pastoris</i> | | | |
| 837 | XIII. Capparideae | <i>Caper plant</i> | | | |
| 839 | XV. Cistineae | <i>Helianthemum vulgare</i> | | | |
| 841 | XVI. Violarieae | <i>Viola tricolor</i> | | Twig with flower; dissections of flower and fruit | |
| 843 | LXIX. Droseraceae | <i>Drosera rotundifolia</i> | | | |
| 845 | XXI. Polygaleae | <i>Polygala</i> | | | |
| 847 | XXIV. Caryophylleae | <i>Dianthus sp</i> | | | |
| 849 | XXXIII. Malvaceae | <i>Malva sylvestris</i> | | Twig with flowers; dissection of flowers and fruit | |
| 853 | XXXIII. Malvaceae | <i>Bombax insigne</i> | | Branch with flowers; leaf; androecium; gynaecium | 2 sheets |
| 861 | XXX. Ternstroemiaceae | <i>Camellia japonica</i> | | Single flower | |
| 871 | | <i>Garcinia mangostana</i> | | Fruit and flower | |
| 872 | XXIX. Guttiferae | <i>Xanthochymus pictorius</i> | | | |
| 875 | LIV. Ampelidaceae | <i>Vitis vinifera</i> | | Twig with flowers | |
| 877 | LIV. Ampelidaceae | <i>Vitis vinifera</i> | | Grape; Flower from which perianth leaves have fallen | |
| 878 | Caprifoliaceae | <i>Lonicera periclymenum</i> | | Connate leaves | |
| 879 | | <i>Geranium</i> | | Flower and fruit dissected | |
| 884 | XLII. Simarubaceae | <i>Quassis amara</i> | | | |

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|----------|------------------------|--------------------------------------|-------------|--|----------|
| 894 | LXV. Leguminosae | <i>Hippocrepis multisiniquosa</i> | | | |
| 899 | LXV. Leguminosae | <i>Cassia lanceolata</i> senna | | | |
| 904 | LXV. Leguminosae | <i>Acacia arabica</i> | Gum arabic | | |
| 905 | LXV. Leguminosae | <i>Mimosa natans</i> | | Dissection of flower | |
| 906 | LXVI. Rosaceae | <i>Fragaria elatior</i> | Strawberry | Branch with flowers and fruit; dissection of fruit | |
| 907 | LXVI. Rosaceae | <i>Potentilla insignis</i> | | Flower | |
| 911 | LXVI. Rosaceae | <i>Spiraea</i> | | Twig with flowers and fruit; dissection of fruit | |
| 912 | LXVI. Rosaceae | <i>Amygdalus communis</i> | | Twig with flowers and fruit | |
| 917 | LXXIII. Rhizophoraceae | <i>Rhizophora mangle</i> | | Grove of trees | |
| 918 | LXXVI. Melastomaceae | <i>Melastoma</i> | | | |
| 921 | XXX. Ternstroemiaceae | <i>Caryocar nuciferum</i> | | Flower | |
| 923 | LXXVII. Lytharieae | <i>Punica granatum</i> | | Twig with flower | |
| 925 | LXXV. Myrtaceae | <i>Psidium guava</i> | Guava | Twig with flowers | |
| 930 | LXXVIII. Onagrarieae | <i>Oenothera</i> | | Twig with flowers; dissection of flower | |
| 934 | LXXVIII. Oragraeieae | <i>Jussiaea Replens</i> | | | |
| 936 | LXXXIII. Cucurbitaceae | <i>Cucurbita</i> | | | |
| 942 | LXXXII. Passifloraceae | <i>Carica papaya</i> | | Plant | 2 sheets |
| 944 | LXXXII. Passifloraceae | <i>Passiflora</i> | | | |
| 945 | LXXXII. Passifloraceae | <i>Passion-flower</i> | | | |
| 951 | LXXXVII. Ficoideae | <i>Mesembryanthemum acinaciforme</i> | | | |
| 954 | LXXXVI. Cacteeae | <i>Cereus peruvianus</i> | | Plant | 2 sheets |
| 958 | LXXXVI. Cacteeae | <i>Opuntia dilleni</i> | | Branch with flowers; cochineal insect | |
| 962 | LXXXVI. Cacteeae | <i>Cereus grandiflorus</i> | | | |
| 977 | CXXI. Boragineae | <i>Symphytum officinale</i> | | | |
| 979 | XCIL. Rubiaceae | <i>Cinchona calisaya</i> | | | |

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|----------|-----------------------|------------------------------------|-------------------|--|----------|
| 980 | XCII. Rubiaceae | <i>Mussaenda luteona</i> | | | |
| 984 | XCII. Rubiaceae | <i>Corolla epipetalous stamens</i> | | | |
| 993 | XCII. Rubiaceae | <i>Rubia tintoria</i> | | | |
| 998 | XCIV. Dipsaceae | <i>Dipsacus fullonum</i> | | Twig with capitulum | |
| 1009 | XCVI. Compositae | | | Capitulum; separate floret | |
| 1014 | XCVI. Compositae | <i>Celmisia coriacea</i> | | Ray-floret; disk-floret | |
| 1015 | XCVI. Compositae | <i>Ceradia furcata / Othonna</i> | | Flowering branch; single florets dissected | |
| 1016 | XCVII. Candalaceae | <i>Stylidium laricifolium</i> | | Gynaecium with androecium | |
| 1017 | XCIX. Campanulaceae | <i>Lobelia erinus</i> | | Flower; dissection of flower | |
| 1018 | CXII. Styracaceae | <i>Styrax officinalis</i> | | | |
| 1019 | CL. Vacciniaceae | <i>Vaccinium oxycoccus</i> | | Flower in bud and expanded; gynaecium | 2 sheets |
| 1023 | CII. Ericaceae | <i>Erica hispida</i> | | Twig with flower; flower and fruit dissected | |
| 1026 | CL. Vacciniaceae | <i>Thibaudia coronaria</i> | | | |
| 1031 | CIV. Epacrideae | <i>Epacris miniata</i> | | | |
| 1032 | CIV. Epacrideae | <i>Epacris</i> | | | |
| 1034 | CX. Sapotaceae | <i>Isonandra gutta</i> | | | |
| 1035 | CXIII. Oleaceae | <i>Olive Olea europae</i> | | | |
| 1038 | CXVII. Loganiaceae | <i>Strychnos nux-vomica</i> | | | |
| 1041 | CXVIII. Gentianeae | <i>Gentiana</i> | | | |
| 1043 | CXVI. Asclepuadeae | <i>Asclepia syriaca</i> | | | 2 sheets |
| 1048 | CXV. Apocynaceae | <i>Tabernaemontana longiflora</i> | | | |
| 1049 | CXXVIII. Gesneriaceae | <i>Gloxinia</i> | | Flower; dissection of flower | |
| 1051 | CXXII. Convolvulaceae | <i>Convolvulus</i> | | Branch with flowers; dissection of flower | |
| 1059 | CXXIII. Solanaceae | <i>Solanum nigrum</i> | | Branch with flowers; dissection of flower | |
| 1060 | CXXIII. Solanaceae | <i>Solanum pseudocapsicum</i> | | Flower; dissection of flower | 2 sheets |
| 1061 | CXXIII. Solanaceae | <i>Solanum dulcamara</i> | | Fruit in transverse section; embryo | |
| 1064 | CXXIII. Solanaceae | <i>Atropa belladonna</i> | Deadly-nightshade | Branch with flowers and fruits | |

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|----------|------------------------|-----------------------------------|-----------------|---|----------|
| 1066 | CXXIII. Solanaceae | <i>Hyoscyamus niger</i> | Henbane | Plant in flower; root; capsule | |
| 1068 | CXXIV. Scrophularineae | <i>Scrophularia aquatica</i> | | Flower; dissection of flower | 2 sheets |
| 1070 | CXXIV. Scrophularineae | <i>Scrophularineae</i> | | Flower and fruit dissected | |
| 1076 | CXXXV. Labiatae | <i>Origanum tournefortii</i> | | Twig with inflorescence | |
| 1078 | CXXXV. Labiatae | <i>Aphelandra variegata</i> | | Flower; dissection of flower | |
| 1082 | CVIII. Primulaceae | <i>Sowbread Cyclamen repandum</i> | | | |
| 1084 | CVII. Plumbagineae | <i>Armeria maritime</i> | | | |
| 1085 | CVII. Plumbagineae | <i>Statice elongate</i> | | | |
| 1086 | CVII. Plumbagineae | <i>Statice limonium</i> | | | |
| 1088 | CXL. Chenopodiaceae | <i>Chenopodium album</i> | White goosefoot | | |
| 1089 | CXLIII. Polygonaceae | <i>Polygonum avicularare</i> | | | |
| 1091 | CXLIII. Polygonaceae | <i>Rumex obtusifolius</i> | | Gynaeceum | 1 sheet |
| 1093 | CLII. Laurineae | <i>Cinnamomum zeylanicum</i> | | | |
| 1097 | CLII. Laurineae | <i>Persea gratissima</i> | | | |
| 1099 | CLIII. Proteaceae | <i>Banksia purpurea</i> | | | |
| 1101 | CLIII. Proteaceae | <i>Stenocarpus cunninghami</i> | | Inflorescence | 2 sheets |
| 1102 | CLVIII. Santalaceae | <i>Exocarpus bidwillii</i> | | | |
| 1103 | CLIV. Thymelaeaceae | <i>Daphne</i> | | | |
| 1104 | CLIV. Thymelaeaceae | <i>Lagetta lintearia</i> | | | |
| 1105 | CLVIII. Santalaceae | <i>Santalum album</i> | | | |
| 1107 | CXLVII. Aristolochieae | <i>Aristolochia saccata</i> | | Flower entire; flower with perianth removed | |
| 1108 | CXCIX. Lemnaceae | <i>Lemna minor</i> | | Flower | |
| 1109 | LXXII. Halorageae | <i>Callitriche stagnalis</i> | | Dissections of staminate and pistillate flowers | |
| 1115 | CLX. Euphorbiaceae | <i>Euphorbia chamaesyce</i> | | | |
| 1116 | CLX. Euphorbiaceae | <i>Euphorbia</i> | | Cyathium | 2 sheets |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
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| 1117 | CLX. Euphorbiaceae | <i>Euphorbia</i> | | Transverse section of fruit | |
| 1118 | CLX. Euphorbiaceae | <i>Jatropha curcas</i> | | Male flower; Staminate cyathium | |
| 1119 | CLX. Euphorbiaceae | <i>Jatropha curcas</i> | | Female flower; Pistillate cyathium | |
| 1121 | CLX. Euphorbiaceae | <i>Ricinus communis</i> | | Branch with staminate and pistillate flowers | |
| 1123 | CLX. Euphorbiaceae | <i>Mercurialis perennis</i> | | Branch with inflorescence of pistillate flowers | |
| 1124 | CLXII. Urticaceae | <i>Parietaria officinalis</i> | Pellitory | Branch with flowers; flower and fruit dissected | |
| 1127 | CLX. Euphorbiaceae | <i>Mercurialis perennis</i> | | | |
| 1128 | CLXII. Urticaceae | <i>Cannabis sativa</i> | | | |
| 1134 | CLX. Euphorbiaceae | <i>Hevea</i> | | | |
| 1136 | CLXII. Moraceae | <i>Morus nigra</i> | | | |
| 1137 | CLXII. Moraceae | <i>Morus nigra mulberry</i> | | | |
| 1140 | CLXIX. Salicaceae | <i>Salix</i> | | Branch with staminate catkins | |
| 1141 | CLXIX. Salicaceae | <i>Salix</i> | | Branch with pistillate catkins | |
| 1144 | CLXVIII. Casuarineae | <i>Casuarina sp.</i> | | | |
| 1145 | CLXVIII. Casuarineae | <i>Casuarina stricta</i> | | | |
| 1147 | CLXVIII. Cupuliferae | <i>Quercus coccifera linn.</i> | | | |
| 1150 | CLXVIII. Cupuliferae | <i>Betula alba</i> | Birch | Staminate and pistillate partial inflorescences | |
| 1153 | CXLVI. Cytinaceae | <i>Cytinus hypocistis</i> | | Plant attached to host | |
| 1160 | CXLVI. Cytinaceae | <i>Sapria himalayana</i> | | Vertical section of plant showing staminate flower in vertical section | |
| 1167 | XCII. Rubiaceae | <i>Psychotria ipecacuanha</i> | | Flower | |
| 1181 | CCX. Cycadaceae | <i>Cycas circinalis</i> | | Tree | 2 sheets |

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| 1183 | CCX. Cycadaceae | <i>Cycas circinalis</i> | | Staminate flower; young seed in vertical section | |
| 1184 | | <i>Cycas</i> | | | |
| 1190 | CLXXXV. Liliaceae | <i>Smilax aspera</i> | | | |
| 1192 | CLXXXIII. Hydrocharideae | <i>Vallisneria</i> | | Staminate plant | |
| 1193 | CLXXXIII. Hydrocharideae | <i>Vallisneria</i> | | Pistillate plant | |
| 1198 | CLXXV. Orchideae | <i>Epipogon gmelini</i> | | Plant in flower | |
| 1203 | CLXXVI. Zingiberaceae | <i>Curcuma cordata</i> | | Inflorescence | |
| 1205 | CLXXVI. Zingiberaceae | <i>Canna indica</i> | | Flower; dissection of flower | |
| 1209 | CLXXX. Irideae | <i>Crocus sativus</i> | | | |
| 1214 | CLXXXI. Amaryllidaceae | <i>Agave americana</i> | Aloe | Plant in flower | 2 sheets |
| 1216 | CLXXXI. Amaryllidaceae | <i>Hippeastrum aulicum</i> | | Inflorescence | |
| 1218 | CLXXVIII. Bromeliaceae | <i>Tillandsia setacea</i> | | Inflorescence | |
| 1219 | CLXXVIII. Bromeliaceae | <i>Tillandsia bicolor</i> | | Plant in flower | 2 sheets |
| 1224 | CLXXXV. Liliaceae | <i>Yucca gloriosa</i> | | Tree in nature | |
| 1225 | CLXXXV. Liliaceae | <i>Yucca superba</i> | | Portion of inflorescence | |
| 1226 | CLXXXV. Liliaceae | <i>Scilla maritima</i> | | Plant in flower | 2 sheets |
| 1230 | CLXXXV. Liliaceae | <i>Allium striatum</i> | | Inflorescence; dissections of flower and fruit | |
| 1232 | CLXXXV. Liliaceae | <i>Aloe</i> | | | 2 sheets |
| 1233 | CLXXXV. Liliaceae | <i>Dracaena draco dragon tree</i> | | | 2 sheets |
| 1237 | CXCIII. Juncaceae | <i>Luzula campestris</i> | | Branch with inflorescence; flower and fruit dissected | |
| 1238 | CCII. Naiadaceae | <i>Aponogeton distachyum</i> | | Inflorescence; leaf | |
| 1240 | CXCV. Pandaneae | <i>Pandanus odoratissimus</i> | | Plant | 2 sheets |
| 1242 | CXCV. Pandaneae | <i>Pandanus odoratissimus</i> | | Fruit and dissections | |
| 1245 | CXCVII. Typhaceae | <i>Typha augustifolia</i> | | Plant with inflorescence | 2 sheets |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|--------------------|---------------------------------|---------------|---|----------|
| 1246 | CXCVII. Typhaceae | <i>Sparganium ramosum</i> | | | |
| 1247 | CXCVIII. Aroideae | <i>Colocasia odorata</i> | | | |
| 1248 | CXCVIII. Aroideae | <i>Caladium fragrantissimum</i> | | | |
| 1251 | CXCIV. Palmae | <i>Cocos nucifera</i> | Coconut | Plant in flower | 2 sheets |
| 1252 | CXVII. Loganiaceae | <i>Strychnos nux-vomica</i> | | | |
| 1260 | CXCIV. Palmae | <i>Iriarteia exorrhiza</i> | | Tree in nature | 2 sheets |
| 1263 | CXCIV. Palmae | <i>Chamaerops humilis</i> | European Palm | Tree in nature | 2 sheets |
| 1280 | CXCIV. Palmae | <i>Borassus flabelliformis</i> | | Fruit in transverse section | |
| 1285 | CXCIV. Palmae | <i>Cocos nucifera</i> | Coconut | Portion of spadix; staminate and pistillate flowers | 2 sheets |
| 1286 | CXCIV. Palmae | <i>Areca catechu</i> | | Portion of spadix | |
| 1287 | CXCIV. Palmae | <i>Areca catechu</i> | | Staminate and pistillate flowers | |
| 1288 | CXCIV. Palmae | <i>Trachycarpus martianus</i> | | Staminate flower and young fruit | |
| 1297 | CCX. Cycadaceae | <i>Cycas</i> | | | |
| 1300 | CCVL. Cyperaceae | <i>Carex hirta</i> | | | |
| 1301 | CCVI. Cyperaceae | <i>Cyperus radicanus</i> | | | |
| 1303 | CCVII. Gramineae | <i>Wheat</i> | | | 2 sheets |
| 1304 | CCVII. Gramineae | <i>Lolium temulentum</i> | | | 2 sheets |
| 1305 | CCVII. Gramineae | <i>Avena sativa</i> | | | 2 sheets |
| 1308 | | <i>Bambusa arundidacea</i> | | | |
| 1310 | CCVII. Gramineae | <i>Saccharum officinarum</i> | | Portion of stem with foliage | |
| 1311 | CCVII. Gramineae | <i>Dactylis caespitosa</i> | | | 2 sheets |
| 1316 | CCVII. Gramineae | | Grass | Spikelet of 3 florets | |
| 1318 | CCVII. Gramineae | <i>Avena sativa</i> | | Flower with bracts | |
| 1319 | CCVII. Gramineae | <i>Bromus</i> | | Spikelet; glumes | |
| 1321 | CCVII. Gramineae | <i>Dactylis caespitosa</i> | Tussac grass | Florets | |
| 1323 | CCVII. Gramineae | <i>Anthoxanthum odoratum</i> | | Dissection of flowers | 2 sheets |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|------------------------|----------------------------------|-------------|---|----------|
| 1345 | | <i>Polystichum</i> | | | |
| 1346 | | <i>Lastrea</i> | | Sorus | |
| 1353 | | | Fern | Sporangia and spores | |
| 1359 | | <i>Polypodium pustulatum</i> | | Plant with barren and fertile leaves | |
| 1374 | | <i>Pteris nemoralis</i> | | Portion of fertile leaf showing marginal sori | |
| 1377 | | <i>Adiantum Capillus-veneris</i> | | Pinnule with sorus | |
| 1391 | | <i>Ophioglossum vulgatum</i> | | | |
| 1401 | | <i>Lycopodium</i> | | Microsporangium and subtending leaf | |
| 1404 | | <i>Lycopodium</i> | | Macrosporangium opening | |
| 1408 | | <i>Isoetes lacustris</i> | | Plant | |
| 1411 | | <i>Equisetum limosum</i> | | Sporangiferous spike | |
| 1413 | | <i>Equisetum</i> | | Spore; elaters closed. | |
| 1414 | | <i>Equisetum</i> | | Spore; elaters expanded | |
| 1580 | | <i>Prophyra vulgaris</i> | | Thallus with tetraspores | |
| 1595 | CXCIV. Palmae | | Palm | Flower ; fruit; section of fruit | |
| 1716 | | <i>Diatoma</i> | | Plant | 2 sheets |
| 1900 | | | Leaf | Pinnatifid | |
| 1902 | | | Leaf | Margins serrate, dentate, crenate | |
| 1921 | I. Ranunculaceae | <i>Clematis viticella</i> | | | |
| 1922 | XII. Cruciferae | <i>Cochlearia officinalis</i> | | Scurvy grass | |
| 1924 | XL. Geraniaceae | <i>Oxalis acetosella</i> | | Wood-sorrel | |
| 1926 | LXVI. Rosaceae | <i>Rosa gallica French rose</i> | | | |
| 1927 | LXVII. Saxifragaceae | <i>Saxifraga</i> | | | |
| 1932 | LXXXIX. Araliaceae | <i>Hedera helix</i> | Ivy | Twig with climbing roots | |
| 1933 | XCIV. Dipsaceae | <i>Scabiosa</i> | | Capitulum in vertical section | |
| 1934 | XCIV. Dipsaceae | <i>Scabiosa</i> | | Fruit cut vertically | |
| 1942 | CXLVII. Aristolochieae | <i>Aristolochia trilobata</i> | | Flower; leaf | 1 sheet |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|------------------------|-------------------------------|-------------|---|----------|
| 1948 | CCVII. Gramineae | | Grass | Ground plan of inflorescence | |
| 1950 | XXXIII. Malvaceae | <i>Paritium tiliaceum</i> | | Leaf and flower | |
| 1982 | | <i>Begonia manicata</i> | | Adnate anther, opening by longitudinal dehiscence | |
| 2000 | CCX. Cycadaceae | <i>Encephalartos horridus</i> | | Staminate cone | |
| 2002 | I. Ranunculaceae | <i>Ixosurus minimum ?</i> | | | |
| 2010 | CCX. Cycadaceae | <i>Cycas revolta</i> | | | |
| 2026 | CCX. Cycadaceae | <i>Stangeria leaflet</i> | | | |
| 2027 | CCX. Cycadaceae | <i>Stangeria leaf</i> | | | |
| 2047 | CCX. Cycadaceae | <i>Stangeria</i> | | Cones | |
| 2048 | I. Ranunculaceae | <i>Helleborus niger</i> | | | |
| 2049 | CLXXVI. Zingiberadeae | <i>Canna iridiflora</i> | | Inflorescence | |
| 2052 | XLI. Rutaceae | <i>Rueruta graveolens</i> | | | |
| 2053 | LXV. Leguminosae | <i>Tamarindus indica</i> | Tamarind | Branch with flowers; fruit | |
| 2057 | CLXXV. Orchideae | <i>Dendrobium densiflorum</i> | | | |
| 2059 | XXVI. Portulacaceae | <i>Lewisia rediviva</i> | | | |
| 2062 | CXXVI. Lentibulaeieae | <i>Utricularia humboldtii</i> | | | |
| 2066 | CCVIII. Gnetaceae | <i>Welwitschia mirabilis</i> | | Whole plant | |
| 2067 | CCVIII. Gnetaceae | <i>Welwitschia mirabilis</i> | | Staminate flowering branch | |
| 2105 | | <i>Athyrium</i> | | Sorus | |
| 2106 | | <i>Asplenium</i> | | Sori | |
| 2111 | XXVIII. Hypericineae | <i>Hypericum perforatum</i> | | | |
| 2129 | | <i>Marsilea macropus</i> | | Whole plant; sporocarp | |
| 2136 | CCVII. Gramineae | <i>Hordeum seciceras</i> | | | |
| 2152 | LXXXVIII. Umbelliferae | <i>Ferula assafoetida</i> | | Whole plant | 2 sheets |
| 2163 | I. Ranunculaceae | <i>Delphinium</i> | | Perianth-leaves separated | |
| 2166 | CXXXIV. Verbenaceae | <i>Clerodendron thomsonae</i> | | Protandry of flower | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|-------------------------|-----------------------------------|-------------------|--|----------|
| 2171 | LXXXVIII. Umbelliferae | <i>Dorema asafcetida</i> | | | |
| 2178 | CVIII. Primulaceae | <i>Primula scotica</i> | Scottish primrose | Plant in flower | |
| 2179 | CLXIX. Salicineae | <i>Salix herbacea</i> | | | |
| 2180 | CXXI. Boragineae | <i>Myosotis alpestris</i> | | Branch with flowers | 1 sheet |
| 2181 | | <i>Hymenophyllum tunbridgense</i> | | Whole plant | |
| 2182 | CXVIII. Gentianeae | <i>Gentiana nivalis</i> | | | |
| 2184 | CII. Ericaceae | <i>Calluna vulgaris</i> | | Branches with flowers | |
| 2185 | LXV. Leguminosae | <i>Astragalus alpines</i> | | | 2 sheets |
| 2188 | XXIV. Caryophylleae | <i>Lychnis alpina</i> | | Plant with flower | 2 sheets |
| 2191 | CCIII. Eriocaulaeae | <i>Eriocaulon septanulare</i> | | | |
| 2192 | CII. Ericaceae | <i>Erica tetralix</i> | | Whole plant in flower | 2 sheets |
| 2193 | XL. Geraniaceae | <i>Oxalis corniculata</i> | | | |
| 2194 | CXCIII. Juncaceae | <i>Luzula arcuata</i> | | | |
| 2202 | I. Ranunculaceae | <i>Myosurus minimus</i> | | Branch with leaves and flowers | |
| 2203 | XL. Geraniaceae | <i>Geranium lucidum</i> | | | |
| 2204 | XVI. Violaceae | <i>Viola palustris</i> | | | |
| 2208 | CLXXV. Orchideae | <i>Spiranthes romanzoffiana</i> | | Whole plant in flower. Specimen from America | 2 sheets |
| 2211 | CLXVIII. Cupuliferae | <i>Betula alba</i> | | Branch with staminate catkins | |
| 2213 | CLXIX. Salicineae | <i>Populus nigra</i> | | | |
| 2218 | CLXXXVI. Pontederiaceae | <i>Pontederia crassipes</i> | | Whole plant | 2 sheets |
| 2232 | XCII. Rubiaceae | <i>Psychotria emetica</i> | | Branch with flowers and fruit | |
| 2236 | XVI. Violaceae | <i>Ionidium ipecacuaha</i> | | | |
| 2243 | CLXXV. Orchideae | <i>Ophrys muscifera</i> | | | |
| 2245 | XCII. Rubiaceae | <i>Spermacoce poaya</i> | | Branch with inflorescence | 2 sheets |
| 2256 | LXXX. Loaseae | <i>Loasa nitida</i> | | | |
| 2257 | XCII. Candolleaceae | <i>Stylidium laricifolium</i> | | | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|------------------------|---------------------------------|---------------|--|----------|
| 2258 | CXXVI. Lentibulaeieae | <i>Pinguicula vulgaris</i> | | | |
| 2262 | CXLVII. Aristolochieae | <i>Asarum arifolium</i> | | | |
| 2263 | CLX. Euphorbiaceae | <i>Euphorbia hypericifolia</i> | | | |
| 2264 | CLIII. Proteaceae | <i>Banksia occidentalis</i> | | | |
| 2268 | CLXXVIII. Bromeliaceae | <i>Bromelia pallida</i> | | Inflorescence with coloured bract | 1 sheet |
| 2281 | CCVII. Gramineae | <i>Spikelet of wheat</i> | | | |
| 2282 | XL. Geraniaceae | <i>Balmsamina setacea</i> | | | |
| 2321 | | <i>Equisetum arvense</i> | | | |
| 2328 | CLXXVII. Musaceae | <i>Musa sanguiea</i> | | | |
| 2341 | CCII. Hydrocharideae | <i>Hydrocharis morsus-ranae</i> | | | |
| 2343 | CCII. Naiadaceae | <i>Zostera nana</i> | | | |
| 2345 | CLXXI. Empetraceae | <i>Empetrum nigrum</i> | | | |
| 2346 | LXVII. Saxifragaceae | <i>Saxifraga oppositifolia</i> | | | |
| 2347 | LXVII. Saxifragaceae | <i>Saxifraga cernua</i> | | Bulbils in the leaf axils | |
| 2353 | CCVI. Cyperaceae | <i>Carex grahami</i> | | Whole plant | 1 sheet |
| 2381 | CCX. Cycadaceae | <i>Macrozamia corallipes</i> | | Cone | |
| 2382 | CCX. Cycadaceae | <i>Macrozamia corallipes</i> | | 1) Micro-sporophyll; 2) macro-sporophyll | |
| 2386 | CCVIII. Gnetaceae | <i>Ephedra</i> | | Shoot | |
| 2394 | LXVIII. Crassulaceae | <i>Cotyledon umbilicus</i> | | | |
| 2398 | LXVII. Saxifragaceae | <i>Saxifraga stellaris</i> | | Whole plant | |
| 2399 | | <i>Rubus idaeus</i> | | Etaerio of drupes; receptacle separate | |
| 2403 | LXV. Leguminosae | <i>Ononis reclinata</i> | | Whole plant | |
| 2406 | | <i>Psilotum triquetrum</i> | | Shoot with sporangia | |
| 2409 | LXVII. Saxifragaceae | <i>Saxifraga hirculus</i> | | Whole plant. From nature | 1 sheet |
| 2410 | CXLVIII. Piperaceae | <i>Piper cubeba</i> | Tailed pepper | Branch with flowers | |
| 2412 | CXLV. Nepenthaceae | <i>Nepenthes</i> | | Pitcher in section | 2 sheets |
| 2413 | CLXVIII. Cupuliferae | <i>Castanea vesca</i> | Chestnut | | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|----------------------|--------------------------------|------------------|---|----------|
| 2414 | CXLIV. Podostemaceae | <i>Mniopsis hookeriana</i> | | Berkley ???-??? p.5 | |
| 2415 | CXLIV. Podostemaceae | <i>Apinagia pusilla</i> | | Some illegible text. | |
| 2418 | CLXII. Moraceae | <i>Artocarpus incisa</i> | | Single fruits | |
| 2419 | CLXII. Moraceae | <i>Artocarpus incisa</i> | | 1) Cluster of female flowers; 2) Single female flower | |
| 2421 | CXLV. Nepenthaceae | <i>Nepenthes rafflesiana</i> | | Pitcher in section | 2 sheets |
| 2426 | CLXVIII. Cupuliferae | <i>Alnus glutinosa</i> | | Branch with staminate and pistillate inflorescences | |
| 2429 | CXXXI. Acanthaceae | <i>Aphelandra acanthifolia</i> | | | |
| 2431 | CXXXV. Labiatae | <i>Labiatae</i> | | Fruit | |
| 2432 | | <i>Arbutus unedo</i> | | Branch with flowers | |
| 2435 | CXXI. Boragineae | <i>Onosma tauricum</i> | | Inflorescence | |
| 2438 | XV. Cistineae | <i>Cistus vaginatus</i> | | Flower | |
| 2444 | XII. Cruciferae | <i>Brassica oleracea</i> | | | |
| 2449 | XXVIII. Hypericineae | <i>Hypericum</i> | | Flower in vertical section | |
| 2455 | I. Ranunculaceae | <i>Aconitum napellus</i> | Common monkshood | Perianth-leaves dissected out | 2 sheets |
| 2456 | X. Papaveraceae | <i>Sanguinaria canadensis</i> | | | |
| 2461 | XCVI. Compositae | <i>Lactuca virosa</i> | | | |
| 2464 | CXCIV. Palmae | <i>Cocos nucifera</i> | Coconut | Base of endocarp of fruit showing one perfect embryo-pore | |
| 2466 | CCVII. Gramineae | <i>Secale cereale</i> | | Inflorescence | |
| 2467 | CCVII. Gramineae | <i>Oryza sativa</i> | | | |
| 2475 | XXI. Polygaleae | <i>Polygala poaya</i> | | Flower | |
| 2476 | XXI. Polygaleae | <i>Polygala poaya</i> | | Root and branch with inflorescence | 2 sheets |
| 2485 | CXLIV. Podostemaceae | <i>Sarcomitrium eriocaumum</i> | | | |
| 2492 | CIV. Epacrideae | <i>Epacris</i> | | Flower-diagram | |
| 2521 | LXIX. Droseraceae | <i>Drosera</i> | | Glandular tentacles | 2 sheets |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|----------------------|-------------------------------|-----------------------|---|-----------|
| 2550 | | <i>Chroococcaceae</i> | | Cell-division | |
| 2625 | Coniferae | <i>Abies pectinata</i> | | Carpel detached from torus; scale bearing ovules | |
| 2696 | | <i>Dionaea muscipula</i> | | Whole plant | 12 sheets |
| 2697 | LXIX. Droseraceae | <i>Drosera rotundifolia</i> | | Whole plant | 4 sheets |
| 2697 | LXIX. Droseraceae | <i>Drosera rotundifolia</i> | | Whole plant | 4 sheets |
| 2697 | LXIX. Droseraceae | <i>Drosera rotundifolia</i> | | Whole plant | 4 sheets |
| 2698 | CLXXVII. Musaceae | <i>Musa ensete</i> | | A wall diagram for teaching purposes painted in 1871 by Mrs. J.H. Balfour, wife of Professor J.H. Balfour (Professor of Botany from 1845 - 79). It is based on a published drawing of 1861. | 2 sheets |
| 2712 | CCVII. Gramineae | | | Flower-diagram | |
| 2716 | CCVII. Gramineae | <i>Avena sativa</i> | | Embryo | |
| 2725 | XXXIV. Sterculiaceae | <i>Theobroma cacao</i> | Cocoa | Flower and fruit | 2 sheets |
| 2861 | | <i>Pinus sylvestris</i> | | a) Seed; b) Wing; c) Seed with wing | |
| 2869 | | <i>Ceratozamia longifolia</i> | | Pollen-grain germinating | |
| 2883 | X. Papaveraceae | <i>Papaver somniferum</i> | | | |
| 2974 | | <i>Nephrodium filix-mas</i> | | Mesh of vascular network of stem | |
| 2979 | | <i>Nephrodium filix-mas</i> | | Vascular network in stem | |
| 3254 | | <i>Aspidium singaporianum</i> | | Barren and fertile leaves; dissections of sori; sporangia and spores | |
| 3661 | | <i>Ginkgo biloba</i> | | | |
| 3692 | | <i>Zamia integrifolia</i> | | Fertilisation; apex of ovule with archegonia; germination of pollen grain | |
| s.n | CLXXV. Orchideae | <i>Cypripedium insigne</i> | Noble Ladies'-Slipper | | |
| s.n | CLXXV. Orchideae | <i>Orchis manulata</i> | Spotted orchis | | |

| Cat. No. | Family | Scientific Name | Common Name | Description | Size |
|----------|------------------------|-----------------------------------|-------------|----------------------------|---------|
| s.n. | CLXXXI. Amaryllidaceae | <i>Narcissus pseudo-narcissus</i> | Daffodil | | |
| s.n. | CXV. Apocynaceae | <i>Alstonia scholaris</i> | | | 2 sided |
| s.n. | | <i>Carica papaya</i> | | Male inflorescence & fruit | |
| s.n. | XCII. Rubiaceae | Cinchonacea | | | |
| s.n. | | <i>Bixa orillana</i> | | | |
| s.n. | Ulmaceae | | | | |
| s.n. | | <i>Quisqualis indica</i> | | | |
| s.n. | Plantaginaceae | | | | |
| s.n. | Papaveraceae | <i>Chelidonium majus</i> | | Whole plant | |
| s.n. | Verbenaceae | | | | |
| s.n. | Verbenaceae | <i>Callicarpu incanna</i> | | | |