

An unknown 19th Century Clyde Herbarium

Richard Weddle

89 Novar Drive, Glasgow G12 9SS

E-mail: richard@canto.plus.com

A herbarium containing specimens collected circa 1855, mostly from the lower Clyde area, was recently advertised for auction (September 2016). The original owner was merely identified as 'Young', so the immediate thought was that it might be Morris Young, the first curator at Paisley Museum and Art Gallery (see Weddle, 2008 for an account of his 'Flora of Renfrewshire'). However, this possibility was quickly ruled out by examination of the handwriting on the labels, which did not match any of the hands involved in that manuscript, and by the lack of any specimens from the Paisley area.

A few days prior to the auction I went along to the saleroom with Keith Watson to view and photograph the labels and many of the sheets; this note describes

the herbarium and discusses the possible identity of the collector (if owner and collector were in fact the same person).

The herbarium consists of about 186 loose sheets each with a printed 'EX HERBARIO Young' label at the top right (Fig. 1A); most also had a pre-printed label at the bottom right on which the botanical and common names for the specimen were written in copperplate along with the botanical family (though the label has 'Order') and the location and date of collection (Fig. 1B). There were additional sheets separating the herbarium sheets into families and labelled only with the family name. The specimens were prepared to quite a high standard and show many botanical features such as roots or tubers (K. Watson, pers. Comm).

The dates nearly all fall within the period May 9th to July 25th 1855; the exceptions are a specimen of lesser butterfly-orchid (*Habenaria bifolia*, i.e. *Platanthera bifolia*) from Toward Point in 1854, and an orange hawkweed (*Hieracium aurantiacum*, i.e. *Pilosella aurantiaca*) from 'banks of Clyde' in July 1856. It does seem possible that the date 'June 29th 1854' for the lesser butterfly-orchid should be 'June 29th 1855' as for the other specimens from Toward Point, though arguably the rarity of the species would justify a special visit.



Fig. 1. (A) Printed ownership label. (B) Example of a hand-written specimen label for *Hypericum hirsutum*, Hairy St John's-wort. (C) Example of a herbarium sheet: *Primula veris*, the Common cowslip.

The locations are centred on the area along and south of the Clyde to the east of Glasgow, though the collector also paid visits to Possil Marsh and the River Kelvin - unfortunately the exact location on the Kelvin is not given, but it is likely to have been in the Kelvingrove to Kelvinside area. There were also visits to Bute, Gourrock, Dunoon and Toward Point, and to Castlecary Glen to collect herb-paris (*Paris quadrifolia*), which was known to occur there at the time, though unfortunately now no longer present. One location - 'Sligo's bank' - has not been found on maps of the time. As there are other sheets dated on the same day from the Cathcart and Cathkin area, it is likely to have been in that general area. We would be very grateful to hear from anyone who can shed any light on this.

Many of these locations, and the specimens found there, are reminiscent of some of the rarer specimens collected by William Mack, though the dates do not correspond - Mack's visits were a year or so later than Young's. However, it seems possible that Mack knew of Young's records, or perhaps more likely, they both consulted another Glasgow-based botanist such as William Gourlie (K. Watson, pers. comm.). However, though Hennedy in his Clydesdale Flora expresses his gratitude to Gourlie (Hennedy, 1865), there is no indication that Hennedy knew of Young's records - perhaps most significantly, he does not mention *Geranium phaeum* at Castlemilk or *Mertensia maritima* at Toward (K. Watson, pers. comm.).

A typical herbarium sheet (labelled 'Primula veris, Common Cowslip or Paigle') is shown in Fig. 1C. Keith Watson has identified the specimens on one or two sheets that lacked labels, and also corrected a number of erroneous identifications. Time did not permit detailed examination of all the specimens. Several specimens would need to be examined in more detail to verify their identities (K. Watson, pers. comm.).

Several of the Cowal specimens are of particular interest: *Botrychium lunaria* seems to be the earliest record in vc98 (Main Argyll); *Thalictrum flavum* confirms a couple of records from the same site, the only one in Argyll; and there are no localised early records of *Sherardia arvensis* in vc98, and none for any date in the NS 100km square (anonymous reviewer).

As to Young's identity, there are a number of possibilities. Having already ruled out Morris Young of Paisley, the next possibility is the William Young who joined the Natural History Society of Glasgow in 1863; nothing more has been discovered about his interests, but he lived in Maryhill (NHSG, 1863), so seems an unlikely candidate given the south Clyde focus of the collection. The only other Young with relevant specimens in the herbaria at Glasgow Museums is E. Young, but he appears to have been

Edinburgh-based, and active some 17 years earlier (K. Watson, pers. comm.).

Another intriguing possibility is that it was James 'Paraffin' Young, who had strong connections with Glasgow, having been born in the East End and educated at Anderson's University (in later years he became President and benefactor of that institution). However, in the mid-1850s he was living at Polbeth, and his interests seem to have been focused on marketing shale-oil products from his factory in the Bathgate area, and in legal defence of his patents (Butt, 1963). He therefore seems an unlikely possibility, even though he is known to have had a keen interest in horticulture and later promoted botany classes (taught by Hennedy) at the Andersonian University (ibid.). Young also supported Hennedy's Flora financially (Hennedy, R. (1865)).

The herbarium records are now digitised and have been added to the Glasgow Museums Biological Record Centre database (Appendix 1). The data will also be submitted to the BSBI national database.

The herbarium was bought by a collector of 19th century herbaria in England (R. Sutcliffe, pers. comm.)

ACKNOWLEDGEMENTS

Thanks are due to Keith Watson for information on the herbarium specimens and on contemporary botanists, and to Great Western Auctions of Glasgow for allowing us a 'special viewing' of the herbarium prior to the auction.

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Appendix 1. List of herbarium sheets (original spelling preserved). Specimens with no label were identified by Keith Watson; specimens re-identified (corrected) by him are marked with an asterisk; and a question mark denotes an uncertainty over the synonymy or that the specimen may have been wrongly identified. Current names are from the Botanical Society of the British Isles (BSBI) checklist.

Family	Current Name	Label Name	Common Name (on label)	Location	Date
Ophioglossaceae	Botrychium lunaria	Botrychium lunaria	Common moonwort	Toward Point	29/6/1855
Equisetaceae	Equisetum arvense	[no label]	[Field Horsetail]		
Osmundaceae	Osmunda regalis	Osmunda regalis	Common flowering fern	Toward Point	29/6/1855
Hymenophyllaceae	Hymenophyllum wilsonii	Hymenophyllum Wilsoni	Scottish filmy-fern	Gourock	9/6/1855
Aspleniaceae	Asplenium ruta-muraria	Asplenium Ruta muraria	Wall rue spleenwort	Cathcart bridge	2/7/1855
Blechnaceae	Blechnum spicant	Blechnum boreale	Northern hard-fern	Calder Wood	9/6/1855
Polypodiaceae	Polypodium vulgare	Polypodium vulgare	Common polypody	Castleary	22/6/1855
Nymphaeaceae	Nymphaea alba	Nymphaea alba	Great white water-lily	Castlemilk	9/7/1855
Nymphaeaceae	Nuphar lutea	Nuphar lutea	Common yellow water-lilly	Possil canal	July 1855
Nartheciaceae	Narthecium ossifragum	[no label]	[Bog Asphodel]		
Melanthiaceae	Paris quadrifolia	Paris quadrifolia	Common herb paris	Castleary	22/6/1855
Orchidaceae	Platanthera bifolia	Habenaria bifolia	Lesser butterfly orchis	Toward Point	29/6/1854
Orchidaceae	Dactylorhiza purpurella	Orchis latifolia	Marsh orchis	Gourock	9/6/1855
Orchidaceae	Orchis mascula	Orchis mascula	Early purple orchis	Gourock	9/6/1855
Iridaceae	Iris pseudacorus	Iris pseudacorus	Greater water iris or Corn flag	Castlemilk Glen	23/6/1855
Amaryllidaceae	Allium ursinum	Allium ursinum	Broad leaved garlic or Ramsons	Gourock	9/6/1855
Asparagaceae	Hyacinthoides non-scripta	Agraphis nutans	Wild hyacinth or Bluebell	Kenmuir Wood	26/5/1855
Araceae	Spirodela polyrhiza (?)	Lemna polyrhiza	Greater duckweed	Possil	16/6/1855
Araceae	Lemna minor	Lemna minor	Lesser duckweed	Possil	16/6/1855
Alismataceae	Alisma plantago-aquatica	Alisma plantago	Greater water-plantain	Loch Fadd Bute	14/7/1855
Juncaginaceae	Triglochin maritimum	Triglochin maritimum	Sea side arrow grass	Toward Point	29/6/1855
Potamogetonaceae	Potamogeton crispus (?)	Potamogeton crispus	Curly pond weed	Clyde	30/6/1855
Potamogetonaceae	Potamogeton natans	Potamogeton natans	Sharp fruited broad leaved pondweed	Possil canal	27/6/1855
Typhaceae	Sparganium erectum (agg?)	Sparganium ramosum	Branched bur-reed	Possil canal	25/6/1855
Juncaceae	Juncus squarrosus	Juncus squarrosus	Heath rush	Castleary	22/6/1855
Juncaceae	Luzula sylvatica	Luzula sylvatica	great hairy wood-rush	Cambuslang	13/6/1855
Cyperaceae	Eriophorum angustifolium	Eriophorum angustifolium	Narrow leaved cotton grass	Possil	16/6/1855
Cyperaceae	Eleocharis palustris	Eleocharis palustris	Creeping spike rush	Toward Point	29/6/1855
Cyperaceae	Blysmus rufus	Blysmus rufus	Narrow leaved blysmus	Toward Point	29/6/1855
Cyperaceae	Carex paniculata (?)	Carex teretiuscula	Lesser paniced carex	Toward Point	29/6/1855

Cyperaceae	Carex echinata	Carex stellulata	Little prickly carex	Castlecary	22/6/1855
Cyperaceae	Carex viridula agg.	Carex flava	Yellow carex	Toward Point	29/6/1855
Cyperaceae	Carex hostiana	Carex fulva	Tawny carex	Toward Point	29/6/1855
Cyperaceae	Carex riparia (?)	Carex riparia	Great common carex	Kenmuir Wood	30/6/1855
Poaceae	Nardus stricta	Nardus stricta	Mat grass	Toward Point	29/6/1855
Poaceae	Puccinellia maritima	Poa maculata	Creeping sea meadow-grass	Toward Point	29/6/1855
Poaceae	Dactylis glomerata	Dactylis glomerata	Rough cock's-foot-grass	Kenmuir Wood	19/6/1855
Poaceae	Alopecurus geniculatus	Alopecurus geniculatus	Floating fox-tail-grass	Possil	16/06/1855
Poaceae	Alopecurus pratensis	Alopecurus pratensis	Meadow fox-tail-grass	Kenmuir Wood	19/6/1855
Poaceae	Anisantha sterilis	Bromus sterilis	Barren brome grass	Kenmuir Wood	19/6/1855
Papaveraceae	Glaucium flavum	Glaucium luteum	Yellow horned poppy	Toward Point	29/6/1855
Ranunculaceae	Caltha palustris	Caltha palustris	Common marsh marigold	Clydesdale bridge	19/5/1855
Ranunculaceae	Trollius europaeus	Trollius europaeus	Mountain globe flower	Kenmuir Wood	16/6/1855
Ranunculaceae	Anemone nemorosa	Anemone nemorosa	Wood anemone	Kenmuir Wood	19/5/1855
Ranunculaceae	Ranunculus aquatilis agg.	Ranunculus aquatilis	Common water crowfoot	Castlemilk pond	11/6/1855
Ranunculaceae	Ranunculus acris	Ranunculus acris	Upright meadow crowfoot	Carmyle	16/6/1855
Ranunculaceae	Ranunculus auricomus	Ranunculus auricomus	Wood crowfoot	Carmyle	26/5/1855
Ranunculaceae	Ranunculus bulbosus	Ranunculus bulbosus	Bulbous crowfoot	Morrison Cambuslan	26/5/1855
Ranunculaceae	Ranunculus ficaria	Ranunculus ficaria	Lesser celandine	Rose Bank Cambuslang	19/5/1855
Ranunculaceae	Ranunculus flammula	Ranunculus flammula	Lesser spearwort	Castlecary	22/6/1855
Ranunculaceae	Ranunculus fluitans (agg.)	Ranunculus fluitans	River crowfoot	Clyde	30/6/1855
Ranunculaceae	Ranunculus hederaceus	Ranunculus hederaceus	Ivy crowfoot	Gourock	9/6/1855
Ranunculaceae	Ranunculus lingua	Ranunculus lingua	Great spearwort	Possil	5/7/1855
Ranunculaceae	Ranunculus repens	Ranunculus repens	Creeping crowfoot	Dalmarnock	16/6/1855
Ranunculaceae	Ranunculus sardous	Ranunculus hirsutus	Pale hairy crowfoot	Possil	16/6/1855
Ranunculaceae	Thalictrum flavum	Thalictrum flavum	Common meadow rue	Toward Point	29/6/1855
Saxifragaceae	Chrysosplenium oppositifolium	Chrysosplenium oppositifolium	Common golden saxifrage	North bank of Kelvin	5/6/1855
Crassulaceae	Sedum acre	Sedum acre	Biting stonecrop	Toward Point	29/6/1855
Crassulaceae	Sedum anglicum	Sedum anglicum	English stonecrop	Toward Point	29/6/1855
Crassulaceae	Sedum villosum	Sedum villosum	Hairy stonecrop	Cathkin	23/6/1855
Rosaceae	Potentilla anserina	Potentilla anserina	Silver weed	Hamilton farm	11/6/1855
Rosaceae	Potentilla erecta	Potentilla tormentilla	Tormentil	Gourock	9/6/1855
Rosaceae	Comarum palustre	Comarum palustre	Purple marsh cinquefoil	Toward Point	29/6/1855
Rosaceae	Filipendula ulmaria	Spiraea Ulmaria	Meadow sweet	Paisley canal	7/7/1855
Rosaceae	Fragaria vesca	Fragaria vesca	Wood strawberry	Carmyle	26/5/1855
Rosaceae	Geum rivale	Geum rivale	Water avens	Kenmuir Wood	16/6/1855

Rosaceae	<i>Geum urbanum</i>	<i>Geum urbanum</i>	Common avens	Carmyle	16/6/1855
Rosaceae	<i>Alchemilla vulgaris</i> agg.	<i>Alchemilla vulgaris</i>	Common ladies mantle	North bank of Kelvin	5/6/1855
Plantaginaceae	<i>Plantago lanceolata</i>	<i>Plantago lanceolata</i>	Ribwort plantain	Carmyle	9/7/1855
Plantaginaceae	<i>Plantago major</i>	<i>Plantago major</i>	Greater plantain	Carmyle	4/7/1855
Plantaginaceae	<i>Plantago maritima</i>	<i>Plantago maritima</i>	Sea side plantain	Gourock	9/6/1855
Plantaginaceae	<i>Digitalis purpurea</i>	<i>Digitalis purpurea</i>	Purple foxglove	Ascog Bute	14/7/1855
Plantaginaceae	<i>Veronica arvensis</i>	<i>Veronica arvensis</i>	Wall speedwell	Dalmarnock	16/6/1855
Plantaginaceae	<i>Veronica beccabunga</i>	<i>Veronica beccabunga</i>	Brooklime	Cathcart	2/7/1855
Plantaginaceae	<i>Veronica chamaedrys</i>	<i>Veronica chamaedrys</i>	Germander speedwell	North bank of Kelvin	5/6/1855
Plantaginaceae	<i>Veronica montana</i>	<i>Veronica montana</i>	Mountain speedwell	North bank of Kelvin	5/6/1855
Plantaginaceae	<i>Veronica officinalis</i>	<i>Veronica officinalis</i>	Common speedwell	Fereneze braes	7/7/1855
Plantaginaceae	<i>Veronica scutellata</i>	<i>Veronica scutellata</i>	Marsh speedwell	Possil Marsh	6/7/1855
Plantaginaceae	<i>Veronica serpyllifolia</i>	<i>Veronica serpyllifolia</i>	Thyme-leaved speedwell	North bank of Kelvin	5/6/1855
Plantaginaceae	<i>Hippuris vulgaris</i>	<i>Hippuris vulgaris</i>	Common mare's tail	Possil	16/6/1855
Lamiaceae	<i>Stachys palustris</i> *	<i>Betonica officinalis</i>	Wood betony	Dunoon	July 1855
Lamiaceae	<i>Stachys sylvatica</i>	<i>Stachys sylvatica</i>	Hedge woundwort	Cathcart	2/7/1855
Lamiaceae	<i>Lamium album</i>	<i>Lamium album</i>	White dead nettle	Hamilton farm	26/5/1855
Lamiaceae	<i>Lamium purpureum</i>	<i>Lamium purpurium</i>	Red dead nettle	Cathkin	23/6/1855
Lamiaceae	<i>Ajuga reptans</i>	<i>Ajuga reptans</i>	Common bugle	North bank of Kelvin	5/6/1855
Lamiaceae	<i>Glechoma hederacea</i>	<i>Nepeta glechoma</i>	Ground ivy	Hamilton road	19/5/1855
Lamiaceae	<i>Prunella vulgaris</i>	<i>Prunella vulgaris</i>	Common self heal	Toward Point	29/6/1855
Lamiaceae	<i>Thymus polytrichus</i>	<i>Thymus serpyllum</i>	Wild thyme	Toward Point	29/6/1855
Orobanchaceae	<i>Euphrasia officinalis</i> agg.	<i>Euphrasia officinalis</i>	Common eye-bright	Ascog Bute	14/7/1855
Orobanchaceae	<i>Rhinanthus minor</i>	<i>Rhinanthus Crista-Galli</i>	Common yellow-rattle	Toward Point	29/6/1855
Orobanchaceae	<i>Pedicularis palustris</i>	<i>Pedicularis palustris</i>	Marsh louse-wort	Fereneze braes	7/7/1855
Orobanchaceae	<i>Pedicularis sylvatica</i>	<i>Pedicularis sylvatica</i>	Pasture louse-wort	Gourock	9/6/1855
Lentibulariaceae	<i>Pinguicula vulgaris</i>	<i>Pinguicula vulgaris</i>	Common butterwort	Gourock	9/6/1855
Fabaceae	<i>Vicia sepium</i>	<i>Vicia sepium</i>	Bush vetch	Possil	16/6/1855
Fabaceae	<i>Trifolium dubium</i> (?)	<i>Trifolium procumbens</i>	Hop trefoil	Eastfield	12/6/1855
Fabaceae	<i>Trifolium pratense</i>	<i>Trifolium pratense</i>	Common purple clover	Carmyle	4/6/1855
Fabaceae	<i>Trifolium repens</i>	<i>Trifolium repens</i>	White trefoil or Dutch clover	Possil	16/6/1855
Polygalaceae	<i>Polygala vulgaris</i>	<i>Polygala vulgaris</i>	Common milk wort	Gourock	9/6/1855
Balsaminaceae	<i>Impatiens noli-tangere</i>	<i>Impatiens noli-me-tangere</i>	Yellow Balsam or touch me not	Castlemilk	Aug 1855
Primulaceae	<i>Glaux maritima</i>	<i>Glaux maritima</i>	Sea milkwort	Toward Point	29/6/1855
Primulaceae	<i>Primula veris</i>	<i>Primula veris</i>	Common cowslip or Paigle	Clydesdale bridge	19/5/1855
Primulaceae	<i>Primula vulgaris</i>	<i>Primula vulgaris</i>	Common primrose	Clydesdale bridge	19/5/1855

Primulaceae	<i>Lysimachia nemorum</i>	<i>Lysimachia nemorum</i>	Yellow pimpernel or Wood loose strife	Castle Cary	22/6/1855
Primulaceae	<i>Lysimachia thyrsoiflora</i>	<i>Lysimachia thyrsoiflora</i>	Tufted loose strife	Possil canal	6/7/1855
Primulaceae	<i>Anagallis arvensis</i>	<i>Anagallis arvensis</i>	Poor man's weather glass	Cathcart	2/7/1855
Ericaceae	<i>Calluna vulgaris</i>	<i>Calluna vulgaris</i>	Common ling	Ascog Bute	14/7/1855
Ericaceae	<i>Erica cinerea</i>	<i>Erica cinerea</i>	Fine leaved heath	Ascog Bute	14/7/1855
Ericaceae	<i>Vaccinium myrtillus</i>	<i>Vaccinium myrtillus</i>	Bilberry or Wortleberry	Gourock	9/6/1855
Plumbaginaceae	<i>Armeria maritima</i>	<i>Armeria maritima</i>	Common Thrift or sea-pink	Ascog Bute	14/7/1855
Polygonaceae	<i>Polygonum amphibium</i>	<i>Polygonum amphibium</i>	Amphibious persicaria	Paisley canal	7/7/1855
Polygonaceae	<i>Polygonum persicaria</i>	<i>Polygonum persicaria</i>	Spotted persicaria	Ascog Bute	14/7/1855
Polygonaceae	<i>Polygonum aviculare</i>	<i>Polygonum aviculare</i>	Common knot grass	Toward Point	29/6/1855
Polygonaceae	<i>Rumex acetosa</i>	<i>Rumex acetosa</i>	Common sorrel	Possil	16/6/1855
Droseraceae	<i>Drosera rotundifolia</i>	<i>Drosera rotundifolia</i>	Round leaved sun dew	Castle Cary	22/6/1855
Caryophyllaceae	<i>Moehringia trinervia</i>	<i>Arenaria trinervosa</i>	Three nerved sandwort	Castle Cary	22/6/1855
Caryophyllaceae	<i>Honckenya peploides</i>	<i>Honckenya peploides</i>	Ovate leaved sea purslane	Toward Point	29/6/1855
Caryophyllaceae	<i>Stellaria uliginosa</i>	<i>Stellaria uliginosa</i>	Bog stitchwort	Gourock	9/5/1855
Caryophyllaceae	<i>Stellaria graminea</i>	<i>Stellaria graminea</i>	Lesser stitchwort	Canal bank	27/6/1855
Caryophyllaceae	<i>Stellaria holostea</i>	<i>Stellaria holostea</i>	Greater stitchwort	North bank of Kelvin	5/6/1855
Caryophyllaceae	<i>Stellaria media</i>	<i>Stellaria media</i>	Common chickweed	North bank of Kelvin	5/6/1855
Caryophyllaceae	<i>Stellaria nemorum</i>	<i>Stellaria nemorum</i>	Wood stitchwort	Castle Cary	22/6/1855
Caryophyllaceae	<i>Stellaria palustris</i>	<i>Stellaria glauca</i>	Glaucous marsh stitchwort	Possil	16/6/1855
Caryophyllaceae	<i>Sagina nodosa</i>	<i>Sagina nodosa</i>	Knotted pearl-wort	Ascog Bute	14/7/1855
Caryophyllaceae	<i>Spergularia arvensis</i>	<i>Spergularia arvensis</i>	Corn spurrey	Cathkin	2/7/1855
Caryophyllaceae	<i>Spergularia marina</i>	<i>Spergularia marina</i>	Sea-side sandwort-spurrey	Toward Point	29/6/1855
Caryophyllaceae	<i>Silene dioica</i>	<i>Lychnis diurna</i>	Red campion lychnis	Kenmuir Wood	26/5/1855
Caryophyllaceae	<i>Lychnis flos-cuculi</i>	<i>Lychnis flos-cuculi</i>	Meadow-lychnis or ragged robin	Kenmuir Wood	19/6/1855
Caryophyllaceae	<i>Silene latifolia</i>	<i>Lychnis vespertina</i>	White campion lychnis	Glasgow Green	17/6/1855
Caryophyllaceae	<i>Silene maritima</i>	<i>Silene maritima</i>	Sea campion	Toward Point	29/6/1855
Caryophyllaceae	<i>Silene vulgaris</i>	<i>Silene inflata</i>	Bladder campion	Carmyle	9/7/1855
Oxalidaceae	<i>Oxalis acetosella</i>	<i>Oxalis acetosella</i>	Wood sorrel	Daldowie	19/6/1855
Euphorbiaceae	<i>Mercurialis perennis</i>	<i>Mercurialis perennis</i>	Perennial or Dog's Mercury	Kenmuir	4/6/1855
Violaceae	<i>Viola canina</i>	<i>Viola canina</i>	Gerard's Dog violet	Carmyle	26/5/1855
Violaceae	<i>Viola lutea</i>	<i>Viola lutea</i>	Yellow mountain violet	Cathkin	11/6/1855
Violaceae	<i>Viola tricolor</i>	<i>Viola tricolor</i>	Pansy violet	West thorn	3/6/1855
Linaceae	<i>Linum catharticum</i>	<i>Linum catharticum</i>	Purging flax	Possil canal	25/6/1855
Hypericaceae	<i>Hypericum hirsutum</i>	<i>Hypericum hirsutum</i>	Hairy St John's-wort	Cathcart	10/7/1855

Hypericaceae	<i>Hypericum maculatum</i> subsp. <i>obtusiusculum</i>	<i>Hypericum dubium</i>	Imperforate St John's-wort	Bank of Kelvin	24/7/1855
Hypericaceae	<i>Hypericum pulchrum</i>	<i>Hypericum pulchrum</i>	Small upright St John's-wort	Loch Fadd Bute	14/7/1855
Hypericaceae	<i>Hypericum tetrapterum</i>	<i>Hypericum quadrangulum</i>	Square-stalked St John's-wort	Loch Fadd Bute	14/7/1855
Geraniaceae	<i>Geranium dissectum</i>	<i>Geranium dissectum</i>	Jagged-leaved crane's bill	Cathcart	2/7/1855
Geraniaceae	<i>Geranium molle</i>	<i>Geranium molle</i>	Dove's-foot crane's-bill	Possil	16/6/1855
Geraniaceae	<i>Geranium phaeum</i>	<i>Geranium phoeum</i>	Dusky crane's bill	Castlemilk	6/7/1855
Geraniaceae	<i>Geranium sanguineum</i>	<i>Geranium sanguissimum</i>	Bloody Crane's bill	Bank of Kelvin	24/7/1855
Onagraceae	<i>Epilobium montanum</i>	<i>Epilobium montanum</i>	Broad smooth leaved willow herb	Kenmuir Wood	19/6/1855
Onagraceae	<i>Epilobium hirsutum</i> *	<i>Epilobium angustifolium</i>	Rose-bay willow-herb	Dunoon	July 1855
Rubiaceae	<i>Sherardia arvensis</i>	<i>Sherardia arvensis</i>	Blue sherardia or Field madder	Toward Point	29/6/1855
Rubiaceae	<i>Galium aparine</i>	<i>Galium aparine</i>	Goose grass or cleavers	Dalmarnock	Aug 1855
Rubiaceae	<i>Galium odoratum</i>	<i>Asperula odorata</i>	Sweet woodruff	Castlemilk glen	1/6/1855
Rubiaceae	<i>Galium palustre</i>	<i>Galium palustre</i>	White water bedstraw	Possil Marsh	6/7/1855
Rubiaceae	<i>Galium saxatile</i>	<i>Galium saxatile</i>	Smooth heath bedstraw	Castlecary	22/6/1855
Rubiaceae	<i>Galium verum</i>	<i>Galium verum</i>	Yellow bedstraw	Dalmarnock	25/7/1855
Apocynaceae	<i>Vinca minor</i>	<i>Vinca minor</i>	Lesser periwinkle	Castlemilk wood	1/6/1855
Solanaceae	<i>Solanum dulcamara</i>	<i>Solanum dulcamara</i>	Woody nightshade	Barrhead	7/7/1855
Campanulaceae	<i>Campanula rotundifolia</i>	<i>Campanula rotundifolia</i>	Round leaved bell flower, hairbell	Loch Ascog Bute	14/7/1855
Campanulaceae	<i>Jasione montana</i>	<i>Jasione montana</i>	Annual sheep's bit	Loch Fadd Bute	14/7/1855
Menyanthaceae	<i>Menyanthes trifoliata</i>	<i>Menyanthes trifoliata</i>	Buckbean or marsh trefoil	Possil	16/6/1855
Asteraceae	<i>Lapsana communis</i>	<i>Lapsana communis</i>	Common nipple-wort	Castlemilk	Aug 1855
Asteraceae	<i>Hypochaeris radicata</i>	<i>Hypochaeris radicata</i>	Long-rooted cat's-ear	Toward Point	29/6/1855
Asteraceae	<i>Tragopogon pratensis</i>	<i>Tragopogon pratensis</i>	Yellow goat's beard	Cathcart	6/7/1855
Asteraceae	<i>Crepis capillaris</i>	<i>Crepis virens</i>	Smooth Hawk's-beard	Toward Point	29/6/1855
Asteraceae	<i>Pilosella aurantiaca</i>	<i>Hieracium austriacum</i>	Orange hawk-weed	Banks of Clyde	July 1856
Asteraceae	<i>Pilosella officinarum</i>	<i>Hieracium pilosella</i>	Common mouse-ear weed	hawk-Possil	16/6/1855
Asteraceae	<i>Antennaria dioica</i>	<i>Antennaria dioica</i>	Mountain everlasting	Gourock	9/6/1855
Asteraceae	<i>Solidago virgaurea</i>	[no label]	[Goldenrod]		
Asteraceae	<i>Achillea millefolium</i>	<i>Achillea millefolium</i>	Common yarrow or Milfoil	Cathkin	23/6/1855
Asteraceae	<i>Achillea ptarmica</i>	<i>Achillea ptarmica</i>	Sneeze-wort yarrow	Ascog Bute	14/7/1855

Asteraceae	Glebionis segetum	Chrysanthemum segetum	Corn marigold, Yellow ox-eye	Carmyle	4/6/1855
Asteraceae	Leucanthemum vulgare	Chrysanthemum leucanthemum	Great white ox-eye	Cathkin	23/6/1855
Asteraceae	Tripleurospermum inodorum	Matricaria inodora	Corn wild-chamomile	Carmyle	4/6/1855
Asteraceae	Senecio vulgaris	Senecio vulgaris	Common Groundsel	Dalmarnock	Aug 1855
Asteraceae	Doronicum pardalianches	Doronicum pardalianches	Great Leopard's bane	Carmyle	11/6/1855
Asteraceae	Tussilago farfara	Tussilago farfara	Colt's foot	Clydesdale bridge	19/5/1855
Asteraceae	Petasites hybridus	Petasites vulgaris	Common butter bur	Clydesdale bridge	19/5/1855
Caprifoliaceae	Valeriana officinalis	Valeriana officinalis	Great wild valerian	Toward Point	29/6/1855
Caprifoliaceae	Valeriana pyrenaica	Valeriana pyrenaica	Heart leaved valerian	Sligo's bank	2/6/1855
Araliaceae	Hydrocotyle vulgaris	Hydrocotyle vulgaris	Common white-rot	Toward Point	29/6/1855
Apiaceae	Sanicula europaea	Sanicula Europoea	Wood sanicle	Toward Point	29/6/1855
Apiaceae	Conopodium majus	Bunium flexuosum	Common earth nut	North bank of Kelvin	5/6/1855
Apiaceae	Conium maculatum	Conium maculatum	Common hemlock	Barrhead	7/7/1855
Apiaceae	Apium inundatum	Helosciadium inundatum	Least marsh wort	Loch Fadd Bute	14/7/1855
Boraginaceae	Symphytum officinale	Symphytum officinale	Common Comfrey	North bank of Kelvin	5/6/1855
Boraginaceae	Symphytum tuberosum	Symphytum tuberosum	Tuberous comfrey	North bank of Kelvin	5/6/1855
Boraginaceae	Mertensia maritima	Mertensia maritima	Sea-side smooth gromwell	Toward Point	29/6/1855
Boraginaceae	Myosotis arvensis	Myosotis arvensis	Field scorpion grass	North bank of Kelvin	5/6/1855
Boraginaceae	Myosotis scorpioides	Myosotis palustris	Creeping water scorpion grass [Forget-me-not]	Possil canal	27/6/1855
Boraginaceae	Myosotis secunda	Myosotis repens	Creeping water scorpion grass	Castlecary	22/6/1855
