## NOTES ON THE FLORA OF THE ISLE OF MULL

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During June 1958 I spent a week on the Isle of Mull (v.c. 103) for the purpose of making a collection of plants to add to the British Museum Herbarium. Mull is the third largest island in the Hebridean group, Skye and Lewis alone being larger. It lies within four miles of the promontory of Arnamurchan on the north, within seven miles of Oban on the east and within twenty-four miles of Rudha Mail Point in Islay on the south. It is some thirtynine miles in length and twenty-nine miles in breadth. The soil, except in a small rocky district at the extremity of the Ross of Mull and on some of the mountains, is deep and fertile. Unfortunately, owing to lack of transport it was not possible to cover the whole of the island and, due to the lateness of the season, many species were not then in flower and I concluded that the end of July would have been a better time to visit Mull. In spite of this, however, and thanks to continuous fine weather, I was able to collect nearly two hundred specimens (including a small number from the Isle of Iona), and below is a list of the plants which may be seen in the British Museum Herbarium. Records new to v.c. 103 are indicated by an asterisk, and plants which are not native to the island by a dagger.

## Acknowledgments

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LYCOPODIUM SELAGO L. Maol Mheadhonach, Ardmeanach.

SELAGINELLA SELAGINOIDES (L.) Link. Maoal Mheadhonach, Ardmeanach.

EQUISETUM FLUVIATILE L. Roadside between Salen and Gruline.

HYMENOPHYLLUM WILSONII Hook. Aros Woods, near Salen.

- BLECHNUM SPICANT (L.) Roth. Woods between Tobermory and Aros House.
- ASPLENIUM ADIANTUM-NIGRUM L. Walls of ruined nunnery, Isle of Iona.

A. TRICHOMANES L. Walls of Aros Castle, near Salen.

A. RUTA-MURARIA L. Walls of ruined nunnery, Isle of Iona.

ATHYRIUM FILIX-FEMINA (L.) Roth. Roadside between Salen and Forsa river.

- DRYOPTERIS BORRERI Newm. Roadside between Aros bridge and Aros Castle, Salen and roadside between Salen and Forsa river.
- D. DILATATA (Hoffm.) A. Gray. Roadside between Salen and Forsa river.
- POLYSTICHUM ACULEATUM (L.) Roth. Woods between Tobermory and Aros House.
- POLYPODIUM VULGARE L. Roadside between Salen and Forsa river PINUS SYLVESTRIS L. Roadside between Salen and Gruline.
- CALTHA PALUSTRIS L. Roadside between Salen and Aros bridge.

TROLLIUS EUROPAEUS L. Field beside estuary of Aros river, Salen. RANUNCULUS ACRIS L. Waste ground behind Aros Post Office, Salen. R. FLAMMULA L. Beside Alt na Searmoin river, Salen.

THALICTRUM ALPINUM L. Maol Mheadhonach, Ardmeanach; Ben More.

NYMPHAEA ALBA L. Lake in grounds of Aros House, near Tobermory.

- NUPHAR LUTEA (L.) Sm. Lake in grounds of Aros House, near Tobermory.
- MECONOPSIS CAMBRICA (L.) Vig. Field beside estuary of Aros river, Salen.

LEPIDIUM HETEROPHYLLUM var. CANESCENS Gren. & Godr. Grounds of Glen Forsa House, Salen; roadside beside Salen and Gruline. COCHLEARIA OFFICINALIS L. Roadside between Salen and Aros bridge.

C. SCOTICA Druce Ben More; on rocks below Abbey, Iona.

- †ARMORACIA RUSTICANA Gaertn., Mey. & Scherb. Grounds of Glen Forsa House, Salen.
- CARDAMINOPSIS PETRAEA (L.) Hiit. Ben More.
- RORIPPA NASTURTIUM-AQUATICUM (L.) Hayek. Boggy ground below Abbey, Iona.
- ARABIDOPSIS THALIANA (L.) Heynh. Grounds of Glen Forsa House, Salen.
- VIOLA RIVINIANA Reichb. Maol Mheadhonach, Ardmeanach; boggy ground on way up Glac a Chlaonain.

\*V. LUTEA Huds. Grounds of Glen Forsa House, Salen.

POLYGALA VULGARIS L. Roadside between Salen and Aros bridge.

- HYPERICUM ANDROSAEMUM L. Lakeside in grounds or Aros House, near Tobermory.
- SILENE MARITIMA With. Shingle bank alongside Loch Na Keal.

S. ACAULIS (L.) Jacq. Ben More.

- S. DIOICA (L.) Clairv. Sandy bank at roadside from Aros bridge to Aros Castle.
- LYCHNIS FLOS-CUCULI L. Alongside Loch Na Keal.
- CERASTIUM HOLOSTEOIDES Fr. Roadside between Salen and Forsa river.
- C. ATROVIRENS Bab. Rocks below Abbey, Iona; sands of Calgary Bay. STELLARIA HOLOSTEA L. Roadside between Aros bridge and Aros Castle, Salen.

S. GRAMINEA L. Roadside between Salen and Forsa river.

HONKENYA PEPLOIDES (L.) Ehrh. Shingle bank alongside Loch Na Keal.

MONTIA FONTANA Subsp. VARIABILIS Walters. Shingle bank alongside Loch Na Keal.

SALSOLA KALI L. Sands of Calgary Bay.

+GERANIUM ENDRESSII GAY Grounds of Glen Forsa House, Salen. \*ULEX EUROPAEUS L. Roadside between Salen and Gruline.

TRIFOLIUM PRATENSE L. Roadside between Aros bridge and Aros Castle.

T. DUBIUM Sibth. Roadside at Salen.

LOTUS CORNICULATUS L. Shingle bank alongside Loch Na Keal.

VICIA CRACCA L. Waste ground behind Aros Post Office, Salen.

V. OROBUS DC. Fanmore, near Kilninian.

- RUBUS SAXATILIS L. Aros Woods, near Tobermory; path through woods between Tobermory and Aros House.
- POTENTILLA ANSERINA L. Roadside at Salen between Salen and Aros bridge.

GEUM URBANUM L. Grounds of Glen Forsa House, Salen.

G. RIVALE L. Grounds of Glen Forsa House, Salen.

- ALCHEMILLA ALPINA L. Maol Mheadhonach, Ardmeanach; Ben More. A. GLABRA Neygenf. Roadside at Salen between Salen and Forsa bridge.
- †Rosa RUGOSA Thunb. Roadside between Salen and Forsa river; outside house on Rudha Ard Ealasaid Point.
- R. SHERARDH Davies. Roadside between Salen and Forsa river; outside house on Rudha Ard Ealasaid Point.
- \*†COTONEASTER MICROPHYLLUS Wall. ex Lindl. Abundant on walls of Aros Castle, Salen.
  - SEDUM ROSEA (L.) Scop. Maol Mheadhonach, Ardmeanach.

S. ANGLICUM Huds. On rocks alongside Loch Na Keal.

- UMBILIOUS RUPESTRIS (Salisb.) Dandy. On rocks to west of village, Iona.
- SAXIFRAGA STELLARIS L. Maol Mheadhonach, Ardmeanach; Ben More.
- S. HYPNOIDES L. Ben More.
- CHRYSOSPLENIUM OPPOSITIFOLIUM L. Roadside between Salen and Aros bridge.

DROSERA ROTUNDIFOLIA L. Roadside between Salen and Gruline.

- D. ANGLICA Huds. Boggy ground on way up Glac a Chlaonain, near Salen.
- \*†EPILOBIUM NERTERIOIDES Cunn. Abundant at lakeside in grounds of Aros House, Tobermory.

+FUCHSIA MAGELLANICA Lam. On rocks to west of village, Iona.

- CALLITRICHE STAGNALIS Scop. Ditch beside road from Salen to Gruline. CONOPODIUM MAJUS (Gouan) Loret. Roadside between Salen and
  - Forsa river.
- †AEGOPODIUM PODAGRARIA L. Grounds of Glen Forsa House, Salen.
  - POLYGONUM CONVOLVULUS L. Grounds of Glen Forsa House, Salen.
- <sup>†</sup>P. CUSPIDATUM Sieb. & Zucc. Roadside between Salen and the Forsa river.

KOENIGIA ISLANDICA L. Ben More.

RUMEX ACETOSELLA L. Grounds of Glen Forsa House, Salen.

R. ACETOSA L. Waste ground behind Aros Post Office, Salen.

R. CRISPUS L. Beside estuary of Aros river, Salen.

MYRICA GALE L. Roadside between Salen and Gruline.

SALIX REPENS L. Boggy ground between Aros Castle and Tobermory road.

S. HERBACEA L. Ben More.

†GAULTHERIA SHALLON Pursh. Aros Woods, between Salen and Tobermory; outside house on Rudha Ard Ealasaid Point, near Salen.

+PERNETTYA MUCRONATA (L.f.) Gaudich. ex Spreng. Gruline and Tobermory.

PYROLA MINOR L. Woods between Tobermory and Aros House.

ARMERIA MARITIMA (Mill.) Willd. Rocks below Abbey, Iona; roadside between Salen and Aros bridge.

PRIMULA VULGARIS Huds. Roadside between Salen and Aros bridge. LYSIMACHIA NEMORUM L. Woods between Tobermory and Aros House. ANAGALLIS TENELLA (L.) L. Boggy ground below Abbey, Iona.

GLAUX MARITIMA L. Roadside between Salen and Aros bridge.

SAMOLUS VALERANDI L. Alongside Loch Na Keal.

<sup>†</sup>VINCA MAJOR L. Roadside at Salen.

+SYMPHYTUM × UPLANDICUM Nyman. Grounds of Glen Forsa House, Salen; roadside between Aros bridge and Aros Castle.

- †CYMBALARIA MURALIS Gaertn., Mey. & Scherb. Walls of ruined nunnery, Iona.
- SCROPHULARIA NODOSA L. Beside lake in grounds of Aros House, Tobermory.

†MIMULUS GUTTATUS DC. In ditch bordering road to Ulva.

DIGITALIS PURPUREA L. Roadside between Salen and Gruline.

VERONICA BECCABUNGA L. Boggy ground below Abbey, Iona.

V. OFFICINALIS L. Beside lake in ground of Aros House, Tobermory. V. ARVENSIS L. Sands of Calgary Bay.

PEDICULARIS SYLVATICA L. Roadside between Salen and Gruline.

RHINANTHUS MINOR L. Roadside between Salen and Gruline.

MELAMPYRUM PRATENSE L. Woods between Tobermory and Aros House.

EUPHRASIA BREVIPILA Burnat & Gremli. Roadside between Salen and Forsa river.

PINGUIOULA LUSITANICA L. Boggy ground between Aros Castle and Tobermory road.

- P. VULGARIS L. Boggy ground between Aros Castle and Tobermory road.
- THYMUS DRUCEI Ronn. Alongside Loch Na Keal; sandy bank at roadside to Aros Castle.

PRUNELLA VULGARIS L. Path to Aros House, Tobermory.

SCUTELLARIA GALERICULATA L. Seashore, Loch Na Keal.

PLANTAGO MARITIMA L. Maol Mheadhonach, Ardmeanach.

P. CORONOPUS L. Rocks below Abbey, Iona.

GALIUM ODORATUM (L.) Scop. Woods between Tobermory and Aros House.

VALERIANA OFFICINALIS L. Roadside between Salen and Gruline,

SENECIO AQUATICUS Hill. Wet field beside road from Salen to Gruline.

ANTENNARIA DIOICA (L.) Gaertn. Boggy ground on way up Glac a Chlaonain: Maol Mheadhonach, Ardmeanach.

BELLIS PERENNIS L. Outside Post Office, Aros, Salen.

\*ANTHEMIS ARVENSIS L. Gruline, near Salen.

<sup>†</sup>MATRICARIA MATRICARIOIDES (Less.) Porter. Gruline, near Salen.

- CHRYSANTHEMUM LEUCANTHEMUM L. Field beside estuary of Aros river, Salen.
- CIRSIUM ERIOPHORUM (L.) Scop. Roadside, Salen.

C. PALUSTRE (L.) Scop. Roadside between Salen and Gruline.

- C. HETEROPHYLLUM (L.) Hill. Roadside on Salen-Tobermory road.
- SAUSSUREA ALPINA (L.) DC. Maol Mheadhonach, Ardmeanach.
- HYPOCHOERIS RADICATA L. Roadside between Salen and Aros bridge. SONCHUS ASPER (L.) Hill. Grounds of Glen Forsa House, Salen.
- HIERACIUM EXOTERICUM Jord. ex Bor. Stonework of old bridge over Forsa river, Salen.

H. VULGATUM Fr. Stonework of old bridge over Forsa river, Salen.

H. PILOSELLA var. TRICHOLEPIUM Pugsl. Sandy bank at roadside from Aros bridge to Aros Castle, near Salen.

TRIGLOCHIN PALUSTRIS L. Alongside Loch Na Keal.

T. MARITIMA L. Alongside Loch Na Keal.

POTAMOGETON POLYGONIFOLIUS POURT. Ditch at roadside between Salen and Forsa river.

- NARTHECIUM OSSIFRAGUM (L.) Huds. Bog at roadside between Salen and Forsa river.
- ENDYMION NON-SCRIPTUS (L.) Garcke. Roadside between Salen and Forsa river.
- LUZULA SYLVATICA (Huds.) Gaud. Roadside between Salen and Aros bridge.
- L. SPICATA (L.) DC. Ben More.
- J. MULTIFLORA (Retz.) Lejeune. Woods between Tobermory and Aros House.
- ALLIUM SCHOENOPRASUM L. Grounds of Glen Forsa House, Salen.

A. URSINUM L. Roadside between Salen and Aros bridge.

TRIS VERSICOLOR L. Boggy ground below Abbey, Iona.

I. PSEUDACORUS L. Boggy ground below Abbey, Iona; alongside Loch Na Keal.

LISTERA OVATA (L.) R.Br. Field beside estuary of Aros river, Salen. GYMNADENIA CONOPSEA (L.) R.Br. Boggy ground between Aros Castle

and Tobermory road.

LEUCORCHIS ALBIDA (L.) E. Mey. ex Schur. Dervaig.

PLATANTHERA CHLORANTHA (Custer) Reichb. Roadside between Aros bridge and Aros Castle; field above Tobermory.

ORCHIS MASCULA (L.) L. Copse beside estuary of Aros river, Salen. DACTYLORCHIS MACULATA (L.) Vermeul. Roadside at Salen, between

Salen and Aros bridge; roadside between Salen and Gruline. D. MACULATA subsp. ERICETORUM × PURPURELLA. Roadside between Salen and Gruline; Dervaig. Both gatherings are probably referable to this hybrid.

D. PURPURELLA (T. & T. A. Stephenson) Vermeul. Roadside between Salen and Gruline. ERIOPHORUM ANGUSTIFOLIUM Honck. Boggy ground below Abbey, Iona; roadside between Salen and Gruline.

E. VAGINATUM L. Boggy ground on way up Glac a Chlaonain, Salen. CAREX LAEVIGATA Sm. Calgary.

C. DEMISSA Hornem. Maol Mheadonach, Ardmeanach.

C. SYLVATICA Huds. Woods between Tobermory and Aros House.

C. PALLESCENS L. Field beside estuary of Aros river, Salen.

C. PANICEA L. Roadside between Salen and Gruline.

C. NIGRA (L.) Reichard. Beside Allt na Searmoin river, Salen.

POA TRIVIALIS L. Grounds of Glen Forsa House, Salen.

HOLCUS LANATUS L. Grounds of Glen Forsa House, Salen.

DESCHAMPSIA CESPITOSA (L.) Beauv. Roadside between Salen and Forsa river.

ANTHOXANTHUM ODORATUM L. In stonework of old bridge over Forsa river, Salen.