

## YET MORE ADDITIONS TO THE FLORA OF FAIR ISLE

By R. C. PALMER and W. SCOTT

In August 1963 we visited Fair Isle (v.c. 112) and made a detailed study of the flora. Most of the species recorded by previous observers—Trail (1906), Pritchard (1957), Fitter (1959) and Currie (1960)—were seen, as well as some others not previously recorded. In addition some interesting unpublished records by other observers have come to light; these are included below. Our paper is arranged in two parts:

- (1) New records.
- (2) Confirmations of species reported from Fair Isle by Mrs. Hannah Stout but thought by Fitter (1959) to be in need of verification. The stations given are not necessarily those of Mrs. Stout. Specimens of most of the plants recorded by us may be found in herb. Scott. The nomenclature and order mainly follow Dandy (1958).

## 1. NEW RECORDS

- BOTRYCHIUM LUNARIA* (L.) Sw. Bu Ness; School, 1957, Miss J. CLAPHAM and Miss A. MARTIN.
- OPHIOGLOSSUM VULGATUM* L. Small colony on top of Malcolm's Head, c. 1953, G. B. CORBET. This doubtless refers to the following subspecies.
- Subsp. *AMBIGUUM* (Coss. & Germ.) E. F. Warb. Bird Observatory; near Furse, 1957, Miss J. CLAPHAM and Miss A. MARTIN.
- RAPHANUS RAPHANISTRUM* var. *AUREUS* Wilmott. A weed in several places, R. C. PALMER and W. SCOTT.
- CERASTIUM GLOMERATUM* Thuill. Bu Ness, 1957, I. A. WILLIAMS.
- SAGINA SUBULATA* var. *GLABRATA* Lange. Ward Hill, 1959, G. MILLINGTON. In several dry rocky or stony places, R. C. PALMER and W. SCOTT.
- ULEX EUROPAEUS* L. Planted at Vaadal!, P. E. DAVIS.
- APIUM INUNDATUM* (L.) Reichb. f. Burn of Gilsetter!, c. 1953, G. B. CORBET. This is known only from one other district of Shetland, the island of Papa Stour.
- POLYGONUM AVICULARE* L., *sensu stricto*. Fair Isle, 1956, N. M. PRITCHARD (*Hb. Oxon.*). Waste ground by roadside near Shirva, W. SCOTT. Both det. B. STYLES. The segregate has not hitherto been observed elsewhere in Shetland.
- P. BOREALE* (Lange) Small. Cornfield, Busta, 1957, Miss J. CLAPHAM and Miss A. MARTIN. Oatfield below ruined croft, Quoy, R. C. PALMER. Cornfield, Shirva, W. SCOTT.
- P. ARENASTRUM* Bor. Fair Isle, 1956, N. M. PRITCHARD (*Hb. Oxon.*). Sandy seashore, North Haven; roadside near Schoolton, W. SCOTT.

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- EUPHRASIA MARSHALLII Pugs. In various places along the coast, R. C. PALMER and W. SCOTT, det. E. F. WARBURG. Possible hybrids with *E. confusa* and *E. foulaensis* were also observed.
- LITTORELLA UNIFLORA (L.) Aschers. In several places, 1957, Miss J. CLAPHAM and Miss A. MARTIN. Golden Water!, Dr. M. E. GILLHAM.
- †SENECIO SMITHII DC. In two places!, P. E. DAVIS.
- †ASTER FOLIACEUS Lindl. A patch by road at Stonybreck, W. SCOTT, det. D. PHILCOX.
- SONCHUS ARVENSIS var. GLABRESCENS Günth., Grab. & Wimm. Schoolhouse!, c. 1953, G. B. CORBET.
- SPARGANIUM ANGUSTIFOLIUM Michx. ? Stream in the Sukka Moor area, 1959, G. MILLINGTON. Barren material only but more likely to be this than *S. minimum*, det. C. D. COOK.
- ELEOCHARIS QUINQUEFLORA (F. X. Hartmann) Schwarz. Peat-pan on Sukka Moor, and in three other places, R. C. PALMER.
- PUCCINELLIA DISTANS (Jacq.) Parl. At several points on the coast, R. C. PALMER.
- †HORDEUM VULGARE L. Scattered specimens in oatfield near Kennaby, R. C. PALMER.
- †AVENA STRIGOSA Schreb. In crops (once cultivated)!, 1959, G. MILLINGTON.
- †A. SATIVA L. Casually on pasture reverting to moorland below ruined croft, Field, R. C. PALMER.
- ARRHENATHERUM ELATIUS (L.) Beauv. ex J. & C. Presl. Oatfield by roadside near Shirva, R. C. PALMER.
- ALOPECURUS PRATENSIS L. Cultivated ground, Taing, R. C. PALMER.

## 2. CONFIRMATORY RECORDS

- HYMENOPHYLLUM WILSONII Hook. Ravine of Burn of Gilsetter, c. 1953, G. B. CORBET and later observers.
- STELLARIA ALSINE Grimm. Wirrvie Brecks, 1957, Miss J. CLAPHAM and Miss A. MARTIN. In several wet places, R. C. PALMER and W. SCOTT.
- CHENOPODIUM ALBUM L. Vegetable patch, Hool, R. C. PALMER.
- LINUM CATHARTICUM L. Damp mossy ground, Homis Dale, etc., R. C. PALMER.
- LATHYRUS PRATENSIS L. Fair Isle, at the south end!, c. 1953, G. B. CORBET.
- POTENTILLA PALUSTRIS (L.) Scop. Marsh north-east of the Church, R. C. PALMER.
- †AEGOPODIUM PODAGRARIA L. About Rock Cottage, W. SCOTT.
- POLYGONUM PERSICARIA L. Garden of Rock Cottage!, Miss N. G. DYKE.
- MYOSOTIS DISCOLOR Pers. Cutting near Furse, 1957, Miss J. CLAPHAM and Miss A. MARTIN. Cultivated ground, Taing, R. C. PALMER.
- †VERONICA PERSICA Poir. Yard of croft at Leogh, etc., R. C. PALMER.
- ODONTITES VERNA (Bellardi) Dumort. subsp. VERNA. Grass field below Post Office, 1962, D. HARLE. Edge of cornfield near the Haa, etc., R. C. PALMER.

Of the 23 plants listed by Fitter as needing verification 11 are confirmed above. Of the remainder, 6 have already appeared in the pages of *Proceedings* of the B.S.B.I., namely *Polypodium*

*vulgare*, *Ranunculus ficaria*, *Viola tricolor*, *Spergularia media*, *Trientalis europaea* and *Glaux maritima*. This leaves 6 species unconfirmed, but as *Empetrum hermaphroditum* seems to have been recorded through a misunderstanding only 5 remain to be looked for: *Epilobium parviflorum*, *Anagallis arvensis*, *Chrysanthemum leucanthemum*, *Dactylorhiza purpurella* and *Eriophorum vaginatum*.

## REFERENCES

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