

Plant Records

Compiled by E. C. Wallace

'Plant Records' are arranged in the order given in the *List of British Vascular Plants (L.B.V.P.)* by J. E. Dandy (1958).

Records where no date is given are for the year 1968.

The following signs are used:

- § before the *L.B.V.P.* number: to indicate that the paragraph contains information necessitating a correction to an annotated copy of the *Comital Flora*.
- † before the *L.B.V.P.* number: to indicate that the plant is not a native species of the British Isles.
- ‡ before the record: to indicate a species which, though native in some parts of the British Isles, is not so in the locality recorded.
- * before the record: to indicate a new vice-county record, not published previous to this issue in the *Proceedings*. Some of these records may, however, appear as dots on maps of the particular species in the *Atlas of the British Flora*.
- ‡ before the record: to indicate a record additional to an annotated copy of the *Comital Flora*, but published elsewhere prior to this issue of *Watsonia*.
- [] enclosing a record: to indicate doubt as to the validity of the record, either of identification or locality.

It will be useful if National Grid Co-ordinates, made as accurate as is thought advisable, are added to all records. These will not be published, but the original cards containing them will be filed and may be made available for reference.

§1/2. LYCOPODIELLA INUNDATA (L.) Holub (*Lycopodium inundatum* L.). *110, Outer Hebrides; Loch an Tairbh Duinn, near Tarbert, Harris, F. BURNIER, comm. J. OUNSTED.

1/3. LYCOPODIUM ANNOTINUM L. 98, Argyll; Meall a Bhuiridh, north-facing slopes near Cam Ghleann, in small quantity, c. 2000 ft., A. G. KENNETH.

§3/1. ISOETES LACUSTRIS L. *106, E. Ross; Loch Beannacharain, Strath Conon, M. MCC. WEBSTER.

§4/10. EQUISETUM TELMATEIA Ehrh. *72, Dumfries; Tarras Water, near Cronks-bank, locally abundant in ditches by roadside, 350 ft., R. W. M. CORNER, comm. H. MILNE-REDHEAD. *82, Haddington; colony on bank of Oldhamstocks Water, near Oldhamstocks, E. P. BEATTIE.

§7/2. HYMENOPHYLLUM WILSONII Hook. *79, Selkirk; sheltered vertical rocks above river, south side river Ettrick, below junction with Range/Cleuch Burn, very local, colony covering 1-2 square feet, 1100 ft., R. W. M. CORNER, comm. H. MILNE-REDHEAD. 88, Mid Perth; wooded banks on rock, Glenlednock, near the Deil's Cauldron, 1967, G. P. WILSON, comm. A. W. ROBSON.

15/2. ASPLENIUM BILLOTII F. W. Schultz (*A. obovatum* auct.). 48, Merioneth; crevices of rocks near the sea at Aberdovey in two places, the first records for the south of the vice-county, P. M. BENOIT and Mrs K. M. STEVENS.

15/5a. ASPLENIUM TRICHOMANES L. subsp. TRICHOMANES. 46, Cardigan; rock crevices on the east side of the river Rheidol in the gorge near Parson's Bridge, P. M. BENOIT. 47, Montgomery; a few plants in a crevice of an acid rock on the roadside at Esgair Geiliog, on the Montgomeryshire side of the river Dovey, P. M. BENOIT (1965, *Nature Wales*, 9, 219). The subsp. *quadri-valens* D. E. Meyer is the usual subspecies in Cardigan and Montgomery, P. M. BENOIT.

§15/8. ASPLENIUM SEPTENTRIONALE (L.) Hoffm. †92, S. Aberdeen; rocks at east end of pass of Ballater. cf. Dickie *Botanist's Guide* (1860), A. J. SOUTER.

- §16/1. *CETERACH OFFICINARUM* DC. *84, Linlithgow; Hopetown Estate, one plant on wall, E. P. BEATTIE.
- §19/1. *CYSTOPTERIS FRAGILIS* (L.) Bernh. *29, Cambridge; concrete platform of disused Old North Road station, S. M. WALTERS.
- 21/6. *DRYOPTERIS CARTHUSIANA* (Vill) H. P. Fuchs (*D. lanceolatocristata* (Hoffm.) Alston). 94, Banff; rough ground, Culvie Hall, 1967, A. J. SOUTER.
- 21/8. *DRYOPTERIS AEMULA* (Ait.) O. Kuntze. 48, Merioneth; Cwm Cynfal, near Llan Ffestiniog, about 30 plants, 1966, F. ROSE & P. M. BENOIT (1966, *Nature Wales*, 10, 87); river Ysgethin, Talybont, at least 2 clumps, P. M. BENOIT & Mrs K. M. STEVENS.
- §21/a. *DRYOPTERIS ASSIMILIS* S. Walker. *90, Forfar; Caenlochan Glen, Glenisla; *94, Banff; Coire Raibeirt, Cairn Gorm, U. K. DUNCAN, both conf. A. C. JERMY.
- §24/1. *THELYPTERIS LIMBOSPERMA* (All.) H. P. Fuchs (*T. oreopteris* (Ehrh.) Slosson.) *82, Haddington; near Innerwick, 1964, E. P. BEATTIE.
- 24/4. *THELYPTERIS DRYOPTERIS* (L.) Slosson. 82, Haddington; in small quantity in Bladderling Cleach, Oldhamstocks, 1967, E. P. BEATTIE.
- §46/21. *RANUNCULUS TRICHOPHYLLUS* Chaix. †H6, Waterford; Carrickavrantry Lake, 1967, I. K. FERGUSON, det. C. D. K. COOK (1968, *Ir. Nat. J.*, 16, 94).
- 46/23. *RANUNCULUS BAUDOTII* Godr. 95, Moray; brackish pool near Findhorn estuary north of Invererne, 1954, M. McC. WEBSTER.
- 48/1. *MYOSURUS MINIMUS* L. 55, Leicester; colony of about 100 plants growing in a hollow against a field gateway between Barrow and Mountsorrel. They were growing on a deposit of flood silt. A search at similar spots in the neighbourhood failed to reveal any more. Probably not hitherto recorded from the vice-county in this century, but recorded from several localities in the last century (1968, *Heritage*, 30, 15).
- §49/1. *AQUILEGIA VULGARIS* L. *†94, Banff; several plants established on shingle of river Avon below Delnabo, Tomintoul; garden origin, M. McC. WEBSTER.
- §57/2. *CERATOPHYLLUM SUBMERSUM* L. *29, Cambridge; Horseshoe Pond, Madingley Park. Two variants occur, var. *submersum* and var. *haynaldianum* (Borbás) G. Beck, R. C. CHAPMAN.
- §58/3. *PAPAVER LECOQII* Lamotte. *†101, Kintyre; Knapdale, road block south of Ardrishaig, casual, 1967, A. G. KENNETH.
- 58/4. *PAPAVER HYBRIDUM* L. 103, Mid Ebudes; potato patch in garden, Baugh, Isle of Tiree, coll. proprietor of guest-house, comm. U. K. DUNCAN.
- §65/3. *CORYDALIS CLAVICULATA* (L.) DC. *82, Haddington; in small quantity in Bolton Muir Wood near Gifford, E. P. BEATTIE.
- 88/5 × 1. *COCHLEARIA DANICA* L. × *OFFICINALIS* L. 48, Merioneth; shingle on the shore at Llanaber, near Barmouth, with both parents, and morphologically intermediate between them, pollen partially sterile, matching a synthesised hybrid of this parentage raised by the recorder, 1967, P. M. BENOIT.
- 89/1. *SUBULARIA AQUATICA* L. 106, E. Ross; shores of Loch Beannacharain, Strath Conon, M. McC. WEBSTER.
- §94/4. *DRABA MURALIS* L. *84, Linlithgow; abundant on verges and paths at an old mill near East Philipstown, E. P. BEATTIE.
- †97/7. *CARDAMINE RAPHANIFOLIA* Pourret (*C. latifolia* Vahl, non Lej.). 33, E. Glos.; about 50 plants in a withy holt on river Eye, a tributary of river Dikler near Lower Slaughter, reported by R. C. L. HOWITT, and localised by Mrs DUDLEY-SMITH and Miss D. E. DE VESIAN, det. B. M. G. JONES.
- §98/3. *BARBAREA INTERMEDIA* Bor. 88, Mid Perth; railway embankment, Glenfarg, frequent, 1965, A. W. ROBSON. †H6, Waterford; damp ground near the road at Newtown Cove, south of Tramore, 1962, I. K. FERGUSON, det. P. W. BALL (1968, *Ir. Nat. J.*, 16, 95).

113/9b. *VIOLA PALUSTRIS* L. subsp. *JURESSI* (Neves) P. Fourn. 48, Merioneth; plants of *V. palustris* having petioles with conspicuous spreading hairs, at Coed Cymerau national nature reserve, near Ffestiniog, provide the confirmation for v.c. 48 noted as lacking in the *Critical Supplement to the Atlas of the British Flora*, P. M. BENOIT.

†113/10. *VIOLA CORNUTA* L. 94, Banff; several clumps by roadside near Invercharach, M. MCC. WEBSTER.

†115/4. *HYPERICUM CALYCYNUM* L. 84, Linlithgow; abundant in Hopetown Estate for many years, E. P. BEATTIE.

§122/1. *ELATINE HEXANDRA* (Lapierre) DC. 48, Merioneth; sparingly by the river Dysynni, Brynerug, doubtless the spot where it was collected by H. E. Fox in 1878 (OXF), P. M. BENOIT and Mrs K. M. STEVENS; in abundance in shallow water at edge of Bala Lake, P. M. BENOIT, J. G. & C. M. DONY. *98, Argyll; Loch Awe, Inverliever Bay, on dried-out mud in some quantity, A. G. KENNETH.

123/2. *SILENE MARITIMA* With. 88, Mid Perth; cliff ledge, Corrychamaig, Glen Lochay, 1967, A. W. ROBSON.

§131/10. *CERASTIUM DIFFUSUM* Pers. (*C. atrovirens* Bab.) ††55, Leicester; a few plants on ballast at Thorpe Satchville and fairly common along railway track, H. B. [RADSHAW]: only doubtfully recorded before in Leicestershire (1968, *Heritage*, 30, 16).

133/1b. *STELLARIA NEMORUM* L. subsp. *GLOCHIDISPERMA* Murb. 48, Merioneth; woods with rich humus at Brithdir and at Arthog, P. M. BENOIT, conf. P. S. GREEN.

136/10. *SAGINA NODOSA* (L.) Fenzl. 84, Linlithgow; marshy area, Blackness Castle, 1967, E. P. BEATTIE. 94, Banff; bog, Glenlivet, M. MCC. WEBSTER.

§137/1. *MINUARTIA VERNA* (L.) Hiern. *87, W. Perth; Dumyat, dry slopes, 1883; not at all plentiful, 'F.R.C.' (E.). *89, E. Perth; Lochton, 1883 (E.). *103, Mid Ebudes; Ben More, Mull, mountain ledge, 1956, J. SUTHERLAND (Hb. Edinb.), all det. or conf. and comm. G. HALLIDAY.

†141/6. *ARENARIA BALEARICA* L. 88, Mid Perth; flat sandstone block by edge of river Almond between mouth of Francesfieldburn and that of the Miltonburn, 1967; base of dead tree trunk, south bank of river Almond, Blackwoodlands, 1967, A. W. ROBSON.

143/4. *SPERGULARIA MEDIA* (L.) C. Presl. 84, Linlithgow; salt marsh, Blackness, 1967, E. P. BEATTIE.

149/1d. *MONTIA FONTANA* L. subsp. *VARIABILIS* Walters. 96b, Nairn; flush at foot of 25 ft raised beach, Culbin, north of Mariston Farm, M. MCC. WEBSTER. 101, Kintyre; Knapdale, Isle of Danna, 1967, A. G. KENNETH, det. S. M. WALTERS (as subsp. *fontana*).

§154/3. *CHENOPODIUM VULVARIA* L. *†81, Berwick; several plants by tip, Chirnside Paper Mill, O. STEWART & M. MCC. WEBSTER.

163/2. *MALVA SYLVESTRIS* L. 101, Kintyre; Keil rocks near Southend, perhaps only casual, A. G. KENNETH.

164/1. *LAVATERA ARBOREA* L. 82, Haddington; abundant on the island of Craighleith as well as on the Bass Rock, E. P. BEATTIE.

168/1. *GERANIUM PRATENSE* L. †84, Linlithgow; roadside from Whitequarries to Abercorn, and elsewhere in the vice-county, E. P. BEATTIE.

†168/3. *GERANIUM ENDRESSII* Gay. 82, Haddington; a small patch on a grassy verge near Blance, E. P. BEATTIE. 109, Caithness; a large clump near cottages between Reay and Fouss, M. MCC. WEBSTER.

§173/3. *ACER CAMPESTRE* L. ††H6, Waterford; woods at Newtown Cove south of Tramore, 1964, I. K. FERGUSON (1968, *Ir. Nat. J.*, 16, 95).

§185/1. *GENISTA TINCTORIA* L. *84, Linlithgow; small colony on towpath of Union Canal between Winchburgh and Broxburn, E. P. BEATTIE.

*191/2. *MELILOTUS OFFICINALIS* (L.) Pall. 48, Merioneth; railway bank west of Aberdovey Station, 1968, P. M. BENOIT & Mrs K. M. STEVENS. A species not given in Benoit & Richards's *Contribution to a Flora of Merioneth* (1963).

207/1. *LATHYRUS APHACA* L. 24, Bucks.; road embankment near Ashley Green, apparently spreading, J. ROGERSON.

†208/1. *PHYSOCARPUS OPULIFOLIUS* (L.) Maxim. 82, Haddington; several bushes in Saltoun Wood, 1967, E. P. BEATTIE.

212/12. *POTENTILLA CRANTZII* (Crantz) G. Beck ex Fritsch. 88, Mid Perth; rocky gorge, eastern flanks of Stob an Aonich Mhair, Talla, Bheithe, 1965, A. W. ROBSON.

†216/2. *GEUM MACROPHYLLUM* Willd. 87, W. Perth; uncut grass triangle at entrance to Blairdrummond Park, 1965; second vice-county record, A. W. ROBSON.

220/3(9). *ALCHEMILLA GLOMERULANS* Buser. 79, Selkirk; locally common in wet meadowland at confluence of Etrick and Timal Waters, R. W. M. CORNER, comm. H. MILNE-REDHEAD.

220/3 (12). *ALCHEMILLA MOLLIS* (Buser) Rothm. 88, Mid Perth; dominant on a quarry floor, Craigend, Moncrieffe Hill, 1965, A. W. ROBSON.

225/1. *ROSA ARVENSIS* Huds. 88, Mid Perth; roadside verge, Lynedoch driveway, 1967, Miss J. STEWART, det. and comm. A. W. ROBSON.

†225/5. *ROSA RUGOSA* Thunb. 82, Haddington; one large bush, Thornton loch, E. P. BEATTIE.

239/3. *SAXIFRAGA HIRCULUS* L. 94, Banff; Upper Cabrach, three small adjacent groups; annual count of flowers produced 1965-68 was from 20 to 40, A. J. SOUTER.

239/4. *SAXIFRAGA UMBROSA* L. 88, Mid Perth; rocky banks, Buchanty Spout, south side of river Almond, 1967, R. CORNER.

239/15. *SAXIFRAGA HYPNOIDES* L. 83, Edinb.; Linn Dean Water, a large colony, E. P. BEATTIE.

†241/1. *TOLMIEA MENZIESII* (Pursh) Torr. & Gray. 88, Mid Perth; muddy banks of the Farg, in deep shade, Glenfarg, 1965, A. W. ROBSON; under willow and alder wood on sandy soil on small island at confluence of Turretburn and river Earn, 1966, G. P. WILSON, comm. A. W. ROBSON. 89, E. Perth; edge of backwater of river Tummel, under trees, Moulinlam; by stream under trees, Quarrymill Den, Scone, 1967, A. W. ROBSON.

§247/1. *DROSERA ROTUNDIFOLIA* L. *84, Linlithgow; abundant at Easter Inch Moss, Blackburn, 1967, E. P. BEATTIE.

247/3. *DROSERA INTERMEDIA* Hayne. 49, Caern.; Cors Graianog, on bare wet peat mud on rocky slope, C. A. SINKER, comm. R. H. ROBERTS.

254/5. *EPILOBIUM ROSEUM* Schreb. 95, Moray; distillery yard, Carron, M. McC. WEBSTER.

262/5. *CALLITRICHE HERMAPHRODITICA* L. 96, Easternness; pool on moor one mile north-west of Glen Mazeran Lodge, M. McC. WEBSTER.

†271/1. *ASTRANTIA MAJOR* L. 88, Mid Perth; fully naturalised at Falls of Edinnumple, J. N. MILLS.

304/1. *MEUM ATHAMANTICUM* Jacq. 48, Merioneth; in quantity on the edges of meadows at Garneddwen, between Bala and Dolgellau, rediscovery of a site reported by John Ray in 1662, 1967, W. M. CONDRY.

§319/11. *EUPHORBIA EXIGUA* L. *†95, Moray; distillery yard, Knockando, a single plant, G. SHEPHERD, comm. M. McC. WEBSTER.

§320/5. *POLYGONUM VIVIPARUM* L. *79, Selkirk; locally common on wet rocks and in flushes above banks of Tima Water below Meerlees, 850 ft, R. W. M. CORNER, comm. H. MILNE-REDHEAD.

320/14. *POLYGONUM MINUS* Huds. 48, Merioneth; marsh by Bala Lake, sparingly, providing confirmation in the original Merioneth station noted as desirable by D. A. Jones in *Rep. botl. Soc. Exch. Club Br. Isl.*, 5, 674 (1920), P. M. BENOIT, J. G. & C. M. DONY.

†320/22. *POLYGONUM CAMPANULATUM* Hook. f. 38, Warwick; a single large colony in Sutton Park, Miss D. A. CADBURY & R. C. READETT.

325/11 × 8. *RUMEX* × *PROPINQUUS* Aresch. 82, Haddington; by roadside near Pilmuir, V. LEATHER & E. P. BEATTIE, det. J. E. LOUSLEY.

325/14. *RUMEX SANGUINEUS* L. 49, Caern.; grounds of Bryn Gwynant Youth Hostel, shady drive, 1967, R. M. BURTON, comm. R. H. ROBERTS.

§335/2. *BETULA PUBESCENS* Ehrh. subsp. *PUBESCENS*. *82, Haddington; in all the Lammermuir Deans, 1967, E. P. BEATTIE.

†351/1. *GAULTHERIA SHALLON* Pursh. 88, Mid Perth; coniferous woodland, Balgowan Woods, Findo Gask, 1966; wood partly felled in 1967, and unable to refind plant in 1968, A. W. ROBSON.

358/3. *VACCINIUM ULIGINOSUM* L. 72, Dumfries; peat bog, Archie Grain, above Langshahburn, Eskdalemuir, very local, scattered in area of c. 12 square yards with *Vaccinium myrtillus*, R. W. M. CORNER, comm. H. MILNE-REDHEAD.

§358/4. *VACCINIUM OXYCOCCOS* L. *84, Linlithgow; Tailend Moss, near Bathgate, E. P. BEATTIE.

360/1. *ORTHILIA SECUNDA* (L.) House. 88, Mid Perth; by rocky banks of stream, Auchnafree, Glenalmond, 1966, A. W. ROBSON. 89, E. Perth; rocky banks, Glen Bruar, gorge west of Meall nan Lath, 1966, A. W. ROBSON.

§364/2. *EMPETRUM HERMAPHRODITUM* Hagerup. *101, Kintyre; Cruach Lusoch, west face, c. 1300 ft, in small quantity, 1968, A. G. KENNETH.

§385/3. *GENTIANELLA AMARELLA* (L.) Börner. *84, Linlithgow; in some quantity in Dalmeny Estate, E. P. BEATTIE.

†392/3. *SYMPHYTUM ORIENTALE* L. 95, Moray; bank by Forres tip, Mrs CHRISTIE, comm. M. McC. WEBSTER.

†394/1. *TRACHYSTEMON ORIENTALIS* (L.) G. Don. 82, Haddington; small colony by the Gifford Water in Yester Estate, 1967, E. P. BEATTIE.

§400/3. *MYOSOTIS STOLONIFERA* Gay (*M. brevifolia* C. E. Salmon). *67, Northumberland, S.; in S. Tynedale at Faugh Cleugh on the Thinhope Burn, 1350 ft (conf. A. E. WADE); by a tributary of the Ayle Burn, 1250 ft; Ayle Common, 1625 ft; in W. Allendale by a small waterfall near Smallburns, 1450 ft; in E. Allendale on Shieldbank Sike, 1450 ft (conf. A. E. WADE); Ellershope Burn, 1460 ft, G. A. & M. SWAN.

†406/2. *CALYSTEGIA PULCHRA* Brummitt & Heywood (*C. dahurica* auct., non (Herbert) G. Don). 84, Linlithgow; verge of Kinneil Wood near Bo'ness, 1966, E. P. BEATTIE.

410/1. *ATROPA BELLA-DONNA* L. †83, Edinb.; in some quantity in Warriston Cemetery, E. P. BEATTIE.

422/2. *KICKXIA ELATINE* (L.) Dumort. †48, Merioneth; Aberdovey, on path up to the Trefeddian Hotel, about 13 plants, 1963, E. TEAGUE (1964, *Nature Wales*, 9, 64), and garden weed in several places about the town, Mrs K. M. STEVENS, a species not included in Benoit & Richards's *Contribution to a Flora of Merioneth* (1963).

†423/1. *CYMBALARIA MURALIS* Gaertn., Mey. & Schreb. 95, Moray; wall at Earlsmill, Darnaway, M. McC. WEBSTER.

†424/2. *CYMBALARIA PALLIDA* (Ten.) Wettst. 83, Edinb.; wall in Princes Street Gardens, Edinburgh, V. LEATHER & E. P. BEATTIE.

- †425/1 × 2. *MIMULUS GUTTATUS* DC. × *M. LUTEUS* L. 13, W. Sussex; Fulking, 1961, J. T. H. KNIGHT, conf. R. H. ROBERTS.
- 426/2. *LIMOSELLA SUBULATA* Ives. 48, Merioneth; in some quantity in a wet place on Morfa Harlech, a third Merioneth station for one of Britain's most local species, P. M. BENOIT (1966, *Nature Wales*, 10, 45).
- †430/14. *VERONICA PEREGRINA* L. 16, W. Kent; vegetable garden, Tonbridge, S. L. MELVILLE, comm. E. B. BANGERTER.
- §435/1 (5). *EUPHRASIA FOULAENSIS* Townsend ex Wettst. *94, Banff.; grassy sea cliffs, Strathlene, M. MCC. WEBSTER, det. P. F. YEO.
- §435/1 (11). *EUPHRASIA CAMBRICA* Pugsl. *48, Merioneth; cliffs in Cwm Aran, Cader Idris, at 2000 ft, 1965, P. M. BENOIT, det. P. F. YEO.
- §435/1 (15). *EUPHRASIA CONFUSA* Pugsl. *94, Banff; fixed shingle by the burn Glenlivet, M. MCC. WEBSTER, det. P. F. YEO.
- 439/1. *LATHRAEA SQUAMARIA* L. 88, Mid Perth; mixed wood, mainly sycamore, Ardeonig, immediately east of Manse grounds, 1966, Miss V. M. THOM, comm. A. W. ROBSON.
- 440/4. *OROBANCHE ALBA* Steph. ex Willd. 65, N.-W. York; scars above Carperby, J. D. LOVIS; first record for over 40 years, C. M. ROB (1969, *Naturalist*, 1969, 24). 88, Mid Perth; one plant among wood shavings, Methven station yard, 1967, Miss J. STEWART, det. D. J. HAMBLER, comm. A. W. ROBSON.
- 442/2. *UTRICULARIA NEGLECTA* Lehm. 89, E. Perth; small pool beside the path along east flank of Creag Bhreac, 1966, A. W. ROBSON.
- 442/3. *UTRICULARIA INTERMEDIA* Hayne. 49, Caern.; open pools in old cuttings in peat bog, Cors Graianog, with *Menyanthes*, etc., C. A. SINKER, comm. R. H. ROBERTS.
- 446/1. *LYCOPUS EUROPAEUS* L. 84, Linlithgow; a few plants on canal bank near Linlithgow golf course, 1965→: 86, Stirling; a few plants on canal bank near Polmont, E. P. BEATTIE.
- 474/1. *WAHLENBERGIA HEDERACEA* (L.) Reichb. 42, Brecon; among boulders beside stream, Glen Haffes, 1965, J. N. MILLS.
- †483/1. *ASPERULA TAURINA* L. 88, Mid Perth; banks of Turret burn, Crieff, completely naturalised over a wide area under trees on sand and shingle, 1966, G. P. WILSON, comm. A. W. ROBSON.
- 485/2. *GALIUM BOREALE* L. 48, Merioneth; volcanic rock in Cwm Pryser, near Trawsfynydd, close to where Thomas Ruddy reported it at about the end of the last century, WEST WALES NATURALISTS' TRUST, MERIONETH BRANCH (1964, *Nature Wales*, 9, 73).
- 485/3 × 4. *GALIUM* × *POMERANICUM* Retz. 88, Mid Perth; roadside verge, Dall, Rannoch, one plant, 1966, A. W. ROBSON.
- 485/10. *GALIUM ULIGINOSUM* L. 96b, Nairn; rare on the 25 ft raised beach north of Maviston Farm, Culbin, M. MCC. WEBSTER.
- §495/3. *VALERIANA DIOICA* L. *89, E. Perth; marshes, Loch Cluny, local, A. W. ROBSON.
- 506/6 × 7. *SENECIO* × *VISCIDULUS* Scheele. 83, Edinb.; Arthur's Seat, E. P. BEATTIE.
- †507/2. *DORONICUM PLANTAGINEUM* L. 89, E. Perth; abundant in woodland, particularly under sycamore and ash, Binn Hill, A. W. ROBSON.
- §†512/1. *INULA HELENIUM* L. *93, N. Aberdeen; by streamlet at Raemurrack—road from Davidston to Cairnie, A. J. SOUTER. 96, Easternness; south bank of Beauly River below Lovat Bridge, J. N. MILLS.

- §513/1. *PULICARIA DYSENTERICA* (L.) Bernh. *106, E. Ross; roadside by Glenmarksie, near Loch Luichart dam, a well-established colony, U. K. DUNCAN.
- §515/2. *GNAPHALIUM NORVEGICUM* Gunn. *105, W. Ross; many plants in a gully, Cluanie Forest, A. MCG. STIRLING & E. C. WALLACE.
- 540/7. *CIRSIUM HETEROPHYLLUM* (L.) Hill. 48, Merioneth; in quantity in wet pasture and *Corylus* scrub near Trawsfynydd, the first record for the vice-county this century, P. M. BENOIT.
- §551/2. *PICRIS HIERACIOIDES* L. *†48, Merioneth; side of disused railway line Barmouth Junction, 3 plants when first noted in 1967, increased to c. 40 in 1968, clearly introduced in this artificial habitat in acidic country, P. M. BENOIT.
- 555/1. *MYCELIS MURALIS* (L.) Dumort. 93, N. Aberdeen; roadside wall, Drumblair, near Fofgue, 1966, A. J. SOUTER.
- §556/1. *SONCHUS PALUSTRIS* L. *11, S. Hants.; estuary, Beaulieu, Mrs GOODHART, det. D. MCCLINTOCK, comm. A. BERENS.
- 577/6 × 1. *POTAMOGETON* × *SPARGANIFOLIUS* Laest. ex Fr. 103, Mid Ebudes; submerged near margin of loch, Loch Riaghain, Isle of Tírce, U. K. DUNCAN, det. J. E. DANDY.
- §577/12. *POTAMOGETON RUTILUS* Wolfg. †103, Mid Ebudes; submerged, Loch an Eilcin, Heylipoll, Isle of Tírce, U. K. DUNCAN, det. J. E. DANDY.
- §594/1. *FRITILLARIA MELEAGRIS* L. ††50, Denbigh; on a wooded bank by the river Dee, Overton-on-Dee, 1944, Major P. BOLLOM (K), see also Turrill, W.B., *Roy. Hort. Soc. Lily Year Book 1951-52*, 108 (1952), comm. D. H. KENT.
- 597/1. *GAGEA LUTEA* (L.) Ker-Gawl. 88, Mid Perth; on river sand under trees, banks of Turret burn, Crieff, 1966, A. W. ROBSON.
- §603/1. *PARIS QUADRIFOLIA* L. †106, E. Ross; among rocks in wood by small stream, north side of Loch Achilty near Contin, Mrs J. APPELYARD, comm. U. K. DUNCAN.
- 628/2. *LISTERA CORDATA* (L.) R. Br. 109, Caithness; moorland, Dunnet Head, M. MCC. WEBSTER.
- 630/1. *GOODYERA REPENS* (L.) R. Br. 88, Mid Perth; coniferous woodland, Balgowan Woods, Findo Gask, 1966; wood partly felled in 1967, and unable to rediscover plant in 1968, G. P. WILSON, comm. A. W. ROBSON.
- §633/1. *CORALLORHIZA TRIFIDA* Chatel. *80, Roxburgh; willow carr, Blackpool Moss, 800 ft, 1956; willow carr, Branxholme, Wesser Loch, 900 ft, 1965, R. W. M. CORNER.
- §644/1. *ACERAS ANTHROPOPHORUM* (L.) Ait. f. *38, Warwick; a few plants in rough grassland on calcareous soil at Ufton Fields, D. J. JEFFRAY.
- §†646/1. *ACORUS CALAMUS* L. *82, Haddington; in small quantity in Pressmenan Lake near Stanton, E. P. BEATTIE.
- §650/2. *LEMNA TRISULCA* L. *84, Linlithgow; abundant in canal, E. P. BEATTIE.
- 652/3. *SPARGANIUM ANGUSTIFOLIUM* Michx. 88, Mid Perth; artificial pond, Dalnaspidal, mouth of Allt Dubhaig, 1967, A. W. ROBSON.
- 652/4. *SPARGANIUM MINIMUM* Wallr. 48, Merioneth; in quantity, fruiting in a pool near Garth Angharad, Arthog, apparently the first certain Merioneth record of this species as distinct from *S. angustifolium* which is frequent in the mountain lakes, P. M. BENOIT.
- §655/3. *SCIRPUS MARITIMUS* L. *94, Banff; small colony in brackish pool, East Bay of Portsoy, towards East Head, A. J. SOUTER.
- 656/1. *ELEOCHARIS PARVULA* (Roem. & Schult.) Link ex Bluff, Nees & Schau. 48, Merioneth; pools in saltmarsh on the Mawddach estuary near Penmaenpool, a second station in the vice-county, barren as elsewhere in Wales, P. M. BENOIT.

§656/4. *ELEOCHARIS MULTICAULIS* (Sm.) Sm. 49, Caern.; Cors Graianog, in old peat cuttings, C. A. SINKER, comm. R. H. ROBERTS.

§656/6. *ELEOCHARIS UNIGLUMIS* (Link) Schult. ‡61, S.-E. York; in two marshes between Wansford and Driffeld, E. CRACKLES, det. S. M. WALTERS (1969, *Naturalist*, 1969, 21).

§663/4. *CAREX HOSTIANA* DC. *82, Haddington; Aberlady Nature Reserve, 1967, E. P. BEATTIE.

§663/7. *CAREX LEPIDOCARPA* Tausch. *82, Haddington; Aberlady Nature Reserve, 1967, E. P. BEATTIE.

§663/23. *CAREX STRIGOSA* Huds. *49, Caern.; Penrhyn Park, near Bangor, M. J. WIGGINTON, comm. R. H. ROBERTS.

663/28. *CAREX LIMOSA* L. 88, Mid Perth; *Sphagnum* bog, river Quaich near Loch Freuchie, A. W. ROBSON.

663/36. *CAREX CARYOPHYLLEA* Latour. 96, Easternness; bank by river near Glen Mazeran Lodge, M. MCC. WEBSTER.

§663/48. *CAREX AQUATILIS* Wahlenb. *83, Edinb.; Thriepmuir Reservoir near Balerno, 1967, P. MYERSCOUGH, comm. E. P. BEATTIE. 109, Caithness; a large clump by the Reay burn east of the golf course; mouth of Forss river, A. BERENS and M. MCC. WEBSTER.

663/56. *CAREX DIANDRA* Schrank. 93, N. Aberdeen; marsh north-west of Cairnie Junction on border of v.c. 94, A. J. SOUTER. 98, Argyll; Kerrera Island, near Balliemore, in a small marshy area, 1967, A. G. KENNETH, det. E. C. WALLACE.

§663/81. *CAREX DIOICA* L. *82, Haddington; Aberlady Nature Reserve, 1967, E. P. BEATTIE.

669/3. *GLYCERIA DECLINATA* Bréb. 88, Mid Perth; stream, Dunning golf course, 1966, A. W. ROBSON.

672/5. *VULPIA AMBIGUA* (LcGall) More. 4, N. Devon; Braunton Burrows, 1967, M. M. SAYER, conf. M. MCC. WEBSTER.

673/c. *PUCCINELLIA CAPILLARIS* (Lilj.) Jansen. 94, Banff; stony path by the sea, Strathlene; 108, W. Sutherland; among rocks by the sea, Port Skerra, Melvich, M. MCC. WEBSTER, det. C. E. HUBBARD.

§674/2. *CATAPODIUM MARINUM* (L.) C. E. Hubbard. *82, Haddington; wall at Barns Ness, E. P. BEATTIE.

†676/14. *POA PALUSTRIS* L. 89, E. Perth; riverside, Inchyre, 1966, A. W. ROBSON.

†676/15. *POA CHAIXII* Vill. 89, E. Perth; avenue under ancient trees, Dunkeld House policies, two small colonies, A. W. ROBSON.

683/3. *BROMUS BENEKENII* (Lange) Trimen. 33, E. Glos. Pope's Wood near Painswick, 1932: 34, W. Glos.; above river Wye at English Bicknor, 1966, E. MILNE-REDHEAD.

§685/2. *AGROPYRON DONIANUM* F. B. White. *94, Banff; roadside cliff, Craighalkie, Tomintoul, 1965, A. J. SOUTER, det. A. MELDERIS.

§686/1. *ELYMUS ARENARIUS* L. *83, Edinb.; shore at Cramond, E. P. BEATTIE.

§693/1. *HELICTOTRICHON PRATENSE* (L.) Pilg. *82, Haddington; shore at Barns Ness, near Dunbar, E. P. BEATTIE.

696/4. *DESCHAMPSIA SETACEA* (Huds.) Hack. 108, W. Sutherland; pool by bridge over river Naver, Altnahara, M. MCC. WEBSTER.

700/1. *CALAMAGROSTIS EPIGEJOS* (L.) Roth. 104, N. Ebudes; rocky gully, Tokavaig, Sleat, Isle of Skye, E. C. WALLACE & A. MCG. STIRLING.

§701/4. *AGROSTIS GIGANTEA* Roth. *101, Kintyre; Knapdale, Isles of Danna; south of Crear, near Kilberry, 1965, A. G. KENNETH, det. C. E. HUBBARD.

§709/1. *MILIUM EFFUSUM* L. †106, E. Ross; small rock outcrop by small stream in wood, Teadore, Black Isle, U. K. DUNCAN.

§711/1. *HIEROCHLOE ODORATA* (L.) Beauv. *79, Selkirk; boggy depression beside stream, parish of Roberton, 875 ft, 1965, R. W. M. CORNER, comm. H. MILNE-REDHEAD.

§†713/2. *PHALARIS CANARIENSIS* L. †H6, Waterford; grass verges and tip south of Waterford on Tramore Road, 1967, I. K. FERGUSON (1968, *Ir. Nat. J.*, 16, 97).