

## Plant Records

Records for publication should be submitted in the form shown below to the appropriate vice-county Recorder and not direct to the Editors.

Records are arranged in the order given in the *List of British Vascular Plants (L.B.V.P.)* by J. E. Dandy (1958) and in his subsequent revision (*Watsonia*, 7: 157-178 (1969)). Herbarium abbreviations are those used by D. H. Kent (1957).

The following signs are used:

\* before the record: to indicate a new vice-county record.

† 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.

[] enclosing a previously published record: to indicate that the record should be deleted.

1/4. LYCOPODIUM CLAVATUM L. 9, Dorset: Pilsdon Pen, GR 31/41.01. D. R. Seaward, 1967, field record. 1st record this century. 27, Norfolk: Winterton, GR 63/49. 20. Small colony in dune slacks. F. W. Simpson, 1963, herb. E. L. Swann; Lenwade, GR 63/11.18. Marshy area. M. J. Wigginton, 1969, herb. E. L. Swann. 1st post-1930 records.

4/1. EUISETUM HYEMALE L. \*42, Brecon: near Llanbedr, GR 32/24.19. In beech litter in damp wood. M. Porter, 1968, NMW. (*Nature Wales*, 11:138 (1969)).

4/4. EUISETUM VARIEGATUM Schleich. ex Weber & Mohr \*107, E. Sutherland: south-west side of Loch Sail an Ruathair, Benmore Forest, GR 29/33.14. On a small limestone outcrop. U. K. Duncan, 1969, herb. U.K.D.

4/9 × 5. EUISETUM × LITORALE Kühlew. ex Rupr. \*45, Pembroke: Merry Vale, St David's, GR 12/74.24. Moist ground at roadside. S. G. Harrison, 1969, NMW. (*Nature Wales*, 12: 37 (1970)).

15/6. ASPLENIUM VIRIDE Huds. \*103, Mid Ebudes (*Watsonia*, 8: 147 (1970)).

19/1. CYSTOPTERIS FRAGILIS (L.) Bernh. \*112, Zetland (see Short Notes p. 301). 1st definite record.

21/3. DRYOPTERIS ABBREVIATA (DC.) Newm. 104, N. Ebudes: Coire Uaigneich, Blaven, Skye, GR 18/53.21. On scree. M. McCallum Webster, 1966, herb. C. W. Murray. 2nd record. \*111, Orkney: Ward Hill, Rousay, GR N31/38.30. Rocks at north end, 600 ft. E. R. Bullard, 1968, BM, conf. A. C. Jermy.

21/6. DRYOPTERIS CARTHUSIANA (Vill.) H. P. Fuchs 47, Montgomery: Dolanog, GR 33/07.11. In bog. D. E. M. Paish, 1967, NMW. 2nd record.

24/3. THELYPTERIS PHEGOPTERIS (L.) Slosson \*45, Pembroke: Craig-y-cwm, Foel Cwmcerwyn, Mynydd Prescelly. Large colony on wet face of disused quarry, 1550 ft. T. A. W. Davis (69/1229), 1969, BM, NMW. (*Nature Wales*, 12: 37 (1970)). \*111, Orkney: Nowt Bield, Ward Hill, Hoy, GR N31/23.01. Below rocks and in heather, 250 ft. E. R. Bullard, 1969, E. 1st definite record.

28/1. BOTRYCHIUM LUNARIA (L.) Sw. 80, Roxburgh: Drinkstone Hill, GR 36/48. 18. Pasture, 1000 ft. R. W. M. Corner, 1967, field record. 1st post-1930 record.

29/1. OPHIOGLOSSUM VULGATUM L. 104, N. Ebudes: valley of Allt nan Leac, Skye, GR 18/59.18. In turf and limestone gryke. C. W. Murray, 1966, herb. C.W.M. 1st record for Skye.

43/1. ANEMONE NEMOROSA L. H6, Waterford: west of Ballynaclogh cross roads, 3 miles north-west of Tramore, GR 02/46. Recently cleared scrub. I. K. Ferguson, 1961, field record. 2nd record. (*Ir. Nat. J.*, 16: 94 (1968)).

- 45/1. *CLEMATIS VITALBA* L. \*†103, Mid Ebudes (*Watsonia*, 8: 147 (1970)).
- 46/21. *RANUNCULUS TRICHOPHYLLUS* Chaix \*104, N. Ebudes: stream between Lock Fada and Loch Leathan, Skye, GR 18/49.50. J. Macdonald, 1968, herb. C. W. Murray.
- 57/1. *CERATOPHYLLUM DEMERSUM* L. \*43, Radnor: Pen Cerrig Lake, near Builth, GR 32/04.54. A. C. Powell, 1969, field record, conf. G. Ellis. (*Nature Wales*, 12:36 (1970)). \*67, S. Northumberland: pond near High West House, Ponteland, GR 45/14.73. 250 ft. G. A. & M. Swan, 1969, herb. G. A. Swan, conf. J. E. Dandy.
- †58/6. *PAPAVER SOMNIFERUM* L. \*103, Mid Ebudes (*Watsonia*, 8: 147 (1970)).
- 61/1. *GLAUCIUM FLAVUM* Crantz H6, Waterford: Bunmahon, GR 02/36. Sand dunes. I. K. Ferguson, 1961, field record. 1st post-1930 record. (*Ir. Nat. J.*, 16: 94 (1968)).
- 77/1. *CAKILE MARITIMA* Scop. 104, N. Ebudes: Glen Brittle beach, Skye, GR 18/40.20. A. McG. Stirling, 1954. 1st record for Skye.
- †92/1. *LOBULARIA MARITIMA* (L.) Desv. \*80, Roxburgh: shingle of R. Tweed, Melrose, GR 36/53. M. McCallum Webster, 1969, E.
- 95/1. *EROPHILA VERNA* (L.) Chevall. H6, Waterford: Tramore, GR 02/46. Sand dunes. I. K. Ferguson, field record. 2nd record. (*Ir. Nat. J.*, 16:94 (1968)).
- †97/7. *CARDAMINE RAPHANIFOLIA* POUIT. \*33, E. Gloucs. (*Watsonia*, 8: 86 (1970)).
- †98/3. *BARBAREA INTERMEDIA* Bor. \*103, Mid Ebudes (*Watsonia*, 8: 147 (1970)). \*104, N. Ebudes: Portree, Skye, GR 18/48.43. Garden weed. C. W. Murray, 1963, herb. C.W.M.
- 102/5. *RORIPPA AMPHIBIA* (L.) Bess. \*47, Montgomery: Stalloe Pool, GR 32/22. 98. H. Webster, 1969, NMW. (*Nature Wales*, 12: 38 (1970)).
- 113/5. *VIOLA REICHENBACHIANA* Jord. ex Bor. \*42, Brecon: Cwm Claisfer, GR 32/14.16, and Dyffryn Cwannon, GR 32/09.15. On carboniferous limestone. M. Porter, 1968, both NMW. (*Nature Wales*, 11: 138 (1969)). 1st and 2nd records.
- 113/7. *VIOLA LACTEA* Sm. \*H16, W. Galway: near Costello school, GR 94/00. G. Mackie, 1969, herb. G.M., conf. D. H. Valentine.
- †115/4. *HYPERICUM CALYGINUM* L. \*103, Mid Ebudes (*Watsonia*, 8: 148 (1970)).
- 123/1. *SILENE VULGARIS* (Moench) Garcke \*103, Mid Ebudes (*Watsonia*, 8: 148 (1970)).
- 124/2. *LYCHNIS VISCARIA* L. 80, Roxburgh: Minto Crags, GR 36/58.20. R. W. M. Corner, 1966, field record. 1st post-1930 record.
- 131/5. *CERASTIUM ARCTICUM* Lange 104, N. Ebudes: Sgurr nan Gillean, Skye, GR 18/47.25. R. M. Murray, 1966, herb. C. W. Murray. Confirmation of the only record (pre-1930) for the v.c.
- 131/11. *CERASTIUM PUMILUM* Curt. \*29, Cambridge: Cambridge station car park, GR 52/46.57. A. P. Conolly, 1969, CGE, det. P. D. Sell.
- 133/3. *STELLARIA PALLIDA* (Dumort.) Piré \*46, Cardigan,: near Ynys Las, GR 22/60.93. Rabbit scrapes in old dunes. P. M. Benoit, 1970, NMW. \*107, E. Sutherland: Brora, GR 29/90. Sand dunes in golf links. M. McCallum Webster, 1969, CGE.
- 136/3. *SAGINA MARITIMA* DON 103, Mid Ebudes (*Watsonia*, 8: 148 (1970)).
- 154/14. *CHENOPODIUM RUBRUM* L. \*47, Montgomery: Trewern, GR 33/28.11. Garden weed. W. F. Jary, 1969. (*Nature Wales*, 12: 38 (1970)).
- 159/1. *SALSOLA KALI* L. 104, N. Ebudes: Camus Ban, Portree, Skye, GR 18/49. 42. N. Dennis, 1963, herb. C. W. Murray. New to Skye.
- 160/5. *SALICORNIA PUSILLA* Woods H6, Waterford: Back Strand, Tramore, GR 02/56; White House Bank near Dungarvan, GR 02/25. Both I. K. Ferguson, field records. (*Ir. Nat. J.*, 16: 95 (1968)). 2nd and 3rd records.

- 168/15. GERANIUM LUCIDUM L. **104**, N. Ebudes: south-east of Torvaig, Skye, GR 18/50.44. On wall. C. W. Murray, 1961, *herb. C.W.M.* 1st record for Skye.
- †171/3. IMPATIENS PARVIFLORA DC. **\*43**, Radnor: Boultibrook, near Presteigne, GR 32/30.65. On rubble of lane verge. K. Lomax, 1969, field record, det. A. C. Powell. (*Nature Wales*, **12**: 36 (1970)).
- 179/1. RHAMNUS CATHARTICUS L. **\*†103**, Mid Ebudes (*Watsonia*, **8**: 148 (1970)).
- 192/4. TRIFOLIUM MEDIUM L. **\*48**, Merioneth: railway embankment between Towyn and Aberdovey, GR 22/59. K. M. Stevens, 1969, NMW. 1st definite record.
- †192/17. TRIFOLIUM HYBRIDUM L. **103**, Mid Ebudes (*Watsonia*, **8**: 148 (1970)).
- 206/10. VICIA SYLVATICA L. **79**, Selkirk: Buck Cleuch, Clearburn, GR 36/33.14. 950 ft. R. W. M. Corner, 1968, field record. 1st post-1930 record.
- 206/17. VICIA BITHYNICA (L.) L. **\*32**, Northants.: Finedon ironstone pits, GR 42/91.71. Grassed-over quarry slope. E. M. Cooke, 1968, field record.
- 207/2. LATHYRUS NISSOLIA L. **\*†42**, Brecon: disused railway line near Llan-santffraed, GR 32/12.23. On embankment, presumably introduced. M. Porter, 1968, NMW. (*Nature Wales*, **11**: 138 (1969)).
- 207/6. LATHYRUS SYLVESTRIS L. **\*103**, Mid Ebudes (*Watsonia*, **8**: 149 (1970)).
- 207/10. LATHYRUS JAPONICUS Willd. **\*68**, Cheviot: Birling Links, GR 46/25.07. G. A. & M. Swan, 1969, *herb. G.A.S.*
- 212/12. POTENTILLA CRANTZII (Crantz) G. Beck **97**, Westernness (Argyll): Ben Iadain, GR 17/65. Steep south-facing rocks. A. A. Slack, 1966, field record. 2nd record.
- 212/14. POTENTILLA ANGLICA Laichard. **\*105**, West Ross: Eilean Mheadhonach, Crowlin Islands, GR 18/68.35. A. A. Slack, 1967, *herb. A.A.S.*
- †235/11. SEDUM REFLEXUM L. **80**, Roxburgh: Minto Crags, GR 36/58.20. R. W. M. Corner, 1966, field record. 1st post-1930 record.
- 235/12. SEDUM VILLOSUM L. **\*97**, Westernness (Argyll): Ben Iadain, GR 17/65. Damp hollow in summit plateau. A. A. Slack, 1966, field record.
- 237/2. CRASSULA AQUATICA (L.) Schönl. **\*97**, Westernness (see Short Notes p. 294).
- 239/15. SAXIFRAGA HYPNOIDES L. **\*80**, Roxburgh: north-east side of Ewenshope Fell, GR 35/37.99. Beside burn, 1400 ft. R. W. M. Corner, 1969, field record; Twistlehope and Chapel Grain Burns, GR 35/49. 1000–1250 ft. R. W. M. Corner, 1970, field record. 2nd record.
- †241/1. TOLMIEA MENZIESII (Pursh) Torr. & Gray **\*79**, Roxburgh: by River Ettrick, GR 36/27.14. In *Salix* scrub. R. W. M. Corner, 1968, **K**, det. R. D. Meikle. The record for v.c. 79 in *Proc. bot. Soc. Br. Isl.*, **5**: 350 (1964) is actually in v.c. 80. **\*103**, Mid Ebudes (*Watsonia*, **8**: 149 (1970)).
- †254/6. EPILOBIUM ADENOCALON Hausskn. **\*51**, Flint: south-east shore of Llyn Helyg, GR 33/17. Wooded ground. P. M. Benoit, 1969, NMW.
- 254/12. EPILOBIUM ALSINIFOLIUM Vill. **\*67**, S. Northumberland: Todd's Sike, near Allenheads, GR 35/83.45. 1650 ft; Tyne near Kirkhaugh, GR 35/64. On river gravels, 800 ft. Both G. A. & M. Swan, 1969, *herb. G.A.S.*, conf. T. D. Pennington. 1st and 2nd records respectively.
- †254/13. EPILOBIUM NERTERIOIDES Cunn. **43**, Radnor: Water-break-its-neck, New Radnor, GR 32/18.60. M. Jenkins, 1968, field record, conf. A. C. Powell. (*Nature Wales*, **11**: 139 (1969)). **\*104**, N. Ebudes: Skerinish road, Skye, GR 18/41.50. In quarry. J. Raven, c. 1951, field record. 1958 specimen in *herb. C. W. Murray*. **111**, Orkney: Wideford Hill, St Ola, GR N30/41.11. Roadside, 740 ft. E. R. Bullard, 1968, field record. 1st Mainland record.

- 261/1. *HIPPURIS VULGARIS* L. \*104, N. Ebudes: north of Digg, Skye, GR 18/47.70. Lochan by shore. C. W. Murray, 1965, **herb. C.W.M.**
- 262/2. *CALLITRICHE PLATYCARPA* Kütz. 48, Merioneth and \*49, Caernarvon: R. Glaslyn near Pont Croesor, GR 23/54. P. M. Benoit, 1969, NMW. 2nd record for v.c. 48.
- 276/1. *MYRRHIS ODORATA* (L.) Scop. 43, Radnor: near Fron Rocks, GR 32/19.76. In wet ditch. A. C. Powell, 1969, field record. 2nd record. (*Nature Wales*, 12: 36 (1970)). \*45, Pembroke: Caldey Island, GR 21/14.96. Waste ground. F. Stewart-Liberty, 1969, NMW (T. A. W. Davis 69/1191). (*Nature Wales*, 12: 38 (1970)).
- 301/1. *AETHUSA CYNAPIUM* L. 103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- †311/2. *HIERACIUM MANTEGAZZIANUM* Somm. & Levier \*103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- 320/2. *POLYGONUM RAII* Bab. 68, Cheviotland: Holy Island, GR 46/12.41. G. A. & M. Swan, 1969, **herb. G.A.S.**, conf. B. T. Stiles. 2nd record. 104, N. Ebudes: Glen Brittle beach, Skye, GR 18/40.20. C. W. Murray, 1966, **herb. C.W.M.** Confirmation of the only (1916) Skye record.
- †320/18, 20-22. *POLYGONUM BALDSCHUANICUM* Regel, P. *SACHALINENSE* F. Schmidt, P. *POLYSTACHYUM* Wall. ex Meisn. and P. *CAMPANULATUM* Hook. f. \*103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- 325/14. *RUMEX SANGUINEUS* L. \*104, N. Ebudes: North Fearn, Raasay, GR 18/59.35. Edge of wood above shore. C. W. Murray, 1969, **herb. C.W.M.**
- 325/18. *RUMEX MARITIMUS* L. 47, Montgomery: Hen Flash, Forden, GR 33/23.00. V. J. Macnair, 1968, NMW. (*Nature Wales*, 11: 140 (1969)). 2nd record.
- 333/1. *MYRICA GALE* L. H6, Waterford: between Annestown and Dunhill, GR 02/36. Marshy ground. I. K. Ferguson (889), 1963, TCD. (*Ir. Nat. J.*, 16: 95 (1968)). 2nd record.
- 343/20. *SALIX MYRSINITES* L. 104, N. Ebudes: Sguir Mor, Skye, GR 18/44.70. Rock ledge. H. J. B. Birks, 1968, **herb. C. W. Murray**. 1st record for Skye.
- 358/4. *VACCINIUM OXYCOCCUS* L. \*79, Selkirk: west end of Ale Moor Loch, GR 36/38.14. *Sphagnum* bogs, 900 ft. 1961; Pot Loch, GR 36/37.18. 1965. Both records R. W. M. Corner, field records. 1st and 2nd records respectively. 103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- 359/1. *PYROLA MINOR* L. 57, Derby: Ashwood Dale near Buxton, GR 43/08.72. Bottom of limestone scree. K. M. Hollick, 1969, field record, det. A. R. Clapham. Probably only surviving colony in v.c.
- 359/2. *PYROLA MEDIA* Sw. 104, N. Ebudes: Tote, GR 18/42.49; Skerinish, GR 18/41.50. Several stations in moorland. J. Raven, c 1951, field records, later specimens **herb. C. W. Murray**. 1st and 2nd records for Skye.
- 360/1. *ORTHILIA SECUNDA* (L.) House \*103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- 361/1. *MONESES UNIFLORA* (L.) A. Gray 88, Mid Perth: Black Wood of Ranoch, GR 27/55. A. W. Punter, 1969, field record. 1st post-1930 record.
- 367/3. *PRIMULA VERIS* L. H6, Waterford: Ballykinsella, between Waterford and Tramore, GR 02/56; Pickardstown House near Tramore, GR 02/46. Both I. K. Ferguson, field records. (*Ir. Nat. J.*, 16: 95 (1968)). 2nd and 3rd records.
- 370/3. *LYSIMACHIA VULGARIS* L. 103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- †370/5. *LYSIMACHIA PUNCTATA* L. \*103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).
- 372/4. *ANAGALLIS MINIMA* (L.) E. H. L. Krause 104, N. Ebudes: Varkasaig, Skye, GR 18/25.42. Damp gravel by shore. C. W. Murray, 1961, **herb. C.W.M.** 1st record for Skye.

374/1 SAMOLUS VALERANDI L. 104, N. Ebudes: mouth of Allt nan Leac, Skye, GR 18/58.18. Damp ground. C. W. Murray, 1968, field record. 2nd record.

402/1. MERTENSIA MARITIMA (L.) Gray 104, N. Ebudes: shingle near Cleat Skerry, Ardroag, Skye, GR 18/2.4. J. K. Morton, 1969, herb. C. W. Murray. 1st record for Skye.

†406/2. CALYSTEGIA PULCHRA Brummitt & Heywood \*42, Brecon: Llangynidr, GR 32/15.21. Roadside hedge. M. Porter, 1968, NMW. (*Nature Wales*, 11: 138 (1969)).

\*406/3. CALYSTEGIA SILVATICA (Kit.) Griseb. \*42, Brecon: Llansantffraed, GR 32/12.23; Brecon, GR 32/05.27. Hedgerows. Both M. Porter, 1969, NMW. (*Nature Wales*, 12: 35 (1970)). 1st and 2nd records.

†409/1. LYCIUM BARBARUM L. \*103, Mid Ebudes (*Watsonia*, 8: 150 (1970)).

410/1. ATROPA BELLA-DONNA L. \*58, Cheshire: Malpas churchyard, GR 33/48.47. M. W. Cullen, 1969, field record.

†420/2. LINARIA PURPUREA (L.) Mill. 79, Selkirk: shingle of R. Tweed, Galashiels, GR 36/43. M. McCallum Webster, 1962, field record. 2nd record.

420/3 × 4. LINARIA × SEPIUM Allman 48, Merioneth: near Penmaenpool, GR 23/61. Disused railway line, one plant growing with parents. P.M. Benoit, 1969. 2nd record.

421/1. CHAENORHINUM MINUS (L.) Lange 79, Selkirk: shingle of R. Tweed, Galashiels, GR 36/43. M. McCallum Webster, 1966, E. 2nd record.

†425/1 × c. MIMULUS GUTTATUS DC. × CUPREUS Dombbrain 103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

†425/3. MIMULUS MOSCHATUS Dougl. ex Lindl. 103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

430/2. VERONICA ANAGALLIS-AQUATICA L. \*42, Brecon: along R. Wye near Llanigon, GR 32/20.40. Abundant in wet ditches. H. Soan, 1968, NMW. (*Nature Wales*, 11: 139 (1969)).

430/22. VERONICA POLITA Fr. 79, Selkirk: shingle of R. Tweed, Galashiels, GR 36/43. M. McCallum Webster, 1969, E. 1st post-1930 record.

432/1. PEDICULARIS PALUSTRIS L. H6, Waterford: Islandtarsney, west of Tramore. Marsh. I. K. Ferguson (2094), 1967, BM. (*Ir. Nat. J.*, 16: 95 (1968)). 2nd record.

432/2. PEDICULARIS SYLVATICA L. subsp. HIBERNICA D. A. Webb \*103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

433/1. RHINANTHUS SEROTINUS (Schönh.) Oborny 17, Surrey: Chipstead Valley, GR 51/27.57. Chalky meadow. S. B. Smith & E. J. Clement, 1968, SLBI, conf. D. J. Hambler. 2nd record.

439/1. LATHRAEA SQUAMARIA L. 106, East Ross: by A9, 1 mile north of Dingwall, GR 28/56. On calcareous bank, growing on *Sambucus*. A. Langton, 1969, E. 2nd record.

442/1. UTRICULARIA VULGARIS L. H6, Waterford: south-east of Savagetown cross roads, west of Dunhill, GR 02/26. I. K. Ferguson (354), 1962, TCD. (*Ir. Nat. J.*, 16: 95 (1968)). This and others are the 2nd and subsequent records.

442/4. UTRICULARIA MINOR L. \*80, Roxburgh: Blackpool Moss, near Selkirk, GR 36/51.29; Gattonside Moss, GR 36/54.36. Both 800 ft, R. W. M. Corner, 1956, field records. 1st and 2nd records respectively.

445/2. MENTHA PULEGIUM L. \*42, Brecon: near Llyswen, GR 32/11.37. Damp hollows beside moorland pool. M. Porter, 1968, NMW. (*Nature Wales*, 11: 139 (1969)).

445/4 × 3. MENTHA × VERTICILLATA L. 103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

461/1. *LAMIASTRUM GALIIBODOLON* (L.) Ehrend. & Polatsch. \*†67, S. Northumberland: near Longwitton Hall, GR 45/08.88. Naturalised in a wood. T. Trevelyan, 1938, later specimen **herb. G. A. Swan**.

467/1. *GLECHOMA HEDERACEA* L. \*104, N. Ebudes: Dunvegan Castle estate woodland, Skye, GR 18/24.49. D. G. Campbell, 1959, **herb. C. W. Murray**; Kilmarie, Strathaird, Skye, GR 18/55.17. Estate woodland. C. W. Murray, 1966, **herb. C.W.M.** 2nd record.

473/1. *LITTORELLA UNIFLORA* (L.) Aschers. H6, Waterford: Carrickavrantry Lake, west of Tramore, GR 02/46. I. K. Ferguson. (*Ir. Nat. J.*, 16: 96 (1968)). 2nd record.

481/1. *SHERARDIA ARVENSIS* L. 97, Westernness: Ardtoe sand dunes, GR 17/67. M. McCallum Webster, 1969, field record. 2nd record.

485/2. *GALIUM BOREALE* L. \*79, Selkirk: Wilson Burn, Alemoor, GR 36/38.15. 950 ft. R. W. M. Corner, 1960, field record; ravine at Buck Cleuch, Clearburn, GR 36/33.14. R. W. M. Corner, 1968, field record. 2nd record.

485/3. *GALIUM MOLLUGO* L. \*104, N. Ebudes: Edinbane, Skye, GR 18/34.50. Hayfield, possibly introduced. M. Macdonald, 1968, **herb. C. W. Murray**.

485/7. *GALIUM STERNERI* Ehrend. \*67, S. Northumberland: S. Tyne near Knarsdale, GR 35/67.53. River gravels at 650 ft. 1968; near Low Burnfoot, GR 35/67.60. 450 ft. 1969. 2nd record. Both G. A. & M. Swan, **herb. G.A.S.**, conf. K. M. Goodway.

485/10. *GALIUM ULIGINOSUM* L. 103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

†487/3. *SAMBUCUS RACEMOSA* L. \*103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

494/1. *VALERIANELLA LOCUSTA* (L.) Betcke 97, Westernness: Ardtoe, Ardnamurchan, GR 17/67. Sandy ground by shore. M. McCallum Webster, 1969, E. 2nd record. 104, N. Ebudes: Ord. Sleat, Skye, GR 18/61.13. Roadside. C. W. Murray, 1967, **herb. C.W.M.** 1st record for Skye. H6, Waterford: Bunmahon, GR 02/36. Roadside wall. I. K. Ferguson (2117), 1968, **BM.** (*Ir. Nat. J.*, 16: 96 (1968)). 2nd record.

494/2. *VALERIANELLA CARINATA* Lois. \*47, Montgomery: roadside between Llandyssil and Montgomery, GR 32/21.94. O. Vaughan, 1968, **NMW.** (*Nature Wales*, 11: 140 (1969)).

502/1. *BIDENS CERNUA* L. 98, Argyll: by Loch Illiter, Luing, GR 17/71. A. A. Slack, 1968, field record. 1st post-1930 record; either confirmation of 1st or a 2nd record.

†503/1. *GALINSOGA PARVIFLORA* Cav. \*29, Cambridge: west of Gamlingay, GR 52/22.51. Arable field. S. Richardson, 1969, **CGE. 32**, Northants.: Great Billing, GR 42/81.61. Gravel pits. G. M. Gent, 1968, field record. 2nd record.

†503/2. *GALINSOGA CILIATA* (Raf.) Blake \*32, Northants.: Wollaston, GR 42/91.71. Waste ground. S. L. M. Karley, 1969, field record.

506/2 × 1. *SENECIO × OSTENFELDII* Druce. \*103, Mid Ebudes (*Watsonia*, 8: 151 (1970)).

†506/4. *SENECIO SQUALIDUS* L. \*94, Banff: just west of Buckpool station, GR 38/46. On railway ballast. A. J. Sowter, 1969, field record.

506/6. *SENECIO SYLVATICUS* L. H6, Waterford: Kilfarrasy, west of Tramore, GR 02/46. Cultivated ground on cliff tops. I. K. Ferguson (935), 1963, **TCD.** (*Ir. Nat. J.*, 16: 96 (1968)). 1st post-1930 record.

†509/2. *PETASITES ALBUS* (L.) Gaertn. \*103, Mid Ebudes (*Watsonia*, 8: 152 (1970)).

†509/4. *PETASITES FRAGRANS* (Vill.) C. Presl \*103, Mid Ebudes (*Watsonia*, 8: 152 (1970)).

†526/1. *ANTHEMIS TINCTORIA* L. \*80, Roxburgh: Newtown St Boswells, GR 36/53. Shingle of R. Tweed, probably introduced with wool. M. McCallum Webster, 1969, E.

540/8. *CIRSIUM DISSECTUM* (L.) Hill \*48, Merioneth: near Maentwrog, GR 23/63. In *Sphagnum-Eriophorum angustifolium* bog. W. I. Jones, 1969, NMW. 1st definite record.

†557/3. *CICERBITA MACROPHYLLA* (Willd.) Wallr. \*103, Mid Ebudes (*Watsonia*, 8: 152 (1970)).

558/1/18. *HIERACIUM LINGULATUM* Backh. \*104, N. Ebudes: lower slopes of Blaven, Skye, GR 18/52. A. McG. Stirling, 1966, det. Sell & West.

558/1/38. *HIERACIUM AMPLIATUM* (W. R. Linton) A. Ley 104, N. Ebudes: Suardal limestone near Loch Cill Criosd, Skye, GR 18/62. A. McG. Stirling, 1966, det. Sell & West. 2nd record.

558/1/39. *HIERACIUM PETROCHARIS* (E. F. Linton) W. R. Linton \*104, N. Ebudes: Tote, Skye, GR 18/41.50. Rocky knoll. C. W. Murray, 1967, CGE, det. Sell & West.

558/1/40. *HIERACIUM LANGWELLEENSE* F. J. Hanb. 104, N. Ebudes: Quirang, Skye, GR 18/46. A. McG. Stirling, 1968, det. Sell & West. 2nd record.

558/1/43. *HIERACIUM IRICUM* Fr. 104, N. Ebudes: Bearreraig, Skye, GR 18/55. On cliff. C. W. Murray, 1966, herb. C.W.M., det. Sell & West. 2nd record.

558/1/50. *HIERACIUM NITIDUM* Backh. \*104, N. Ebudes: Skudiburgh, Skye, GR 18/37.64. Cliff ledge. C. W. Murray, 1963, herb. C.W.M., det. Sell & West.

558/1/91. *HIERACIUM CYMBIFOLIUM* Purchas \*104, North Ebudes: between Fearn and Hallaig, Raasay, GR 18/53. Limestone cliffs; near Brae, Raasay, GR 18/54. Limestone gorge. Both A. McG. Stirling, 1969, CGE, det. Sell & West.

558/1/108. *HIERACIUM PICTORUM* E. F. Linton \*104, N. Ebudes: lower slopes of Blaven, Skye, GR 18/52; between Elgol and Camusunary, Skye, GR 18/51. Both A. McG. Stirling, 1966, det. Sell & West. 1st and 2nd records respectively.

558/1/109. *HIERACIUM POLLINARIOIDES* Pugsl. \*104, N. Ebudes: between Fearn and Hallaig, Raasay, GR 18/53. Limestone cliffs; rocks by Loch Eadar de Bhaile, Raasay, GR 18/54. Both A. McG. Stirling, 1969, CGE, det. Sell & West. 1st and 2nd records respectively.

558/1/118. *HIERACIUM OISTOPHYLLUM* Pugsl. \*51, Flint: between Rhydymwyn and Leet Valley, GR 33/16. W. S. Laverock, 1901, LIV; Nant Alyn, T. Edmondson, 1969, herb. J. N. Mills. The latter probably refers to the same locality; both det. J. N. Mills.

558/1/125. *HIERACIUM AURANTIFLORUM* Pugsl. \*62, N.E. Yorks.: Hawaby, GR 44/59. Frequent on woods, walls and rocks. Boulton, LIV, det. J. N. Mills.

558/1/136. *HIERACIUM CAESIOMURORUM* Lindeb. \*104, N. Ebudes: between Fearn and Hallaig, Raasay, GR 18/53. A. McG. Stirling, 1969, CGE, det. Sell & West.

558/1/138. *HIERACIUM CRAVONIENSE* (F. J. Hanb.) Roffey \*104, N. Ebudes: near Loch Cill, Criosd, Skye, GR 18/62. By burn. A. McG. Stirling, 1966, det. Sell & West; south of Kilmalie, Skye, GR 18/55.16. Rocks above shore. C. W. Murray, 1967, herb. C.W.M., det. Sell & West. 2nd record.

558/1/143. *HIERACIUM CALEDONICUM* F. J. Hanb. \*51, Flint: banks by R. Alyn, 1½ miles south of Rhydymwyn, GR 33/26. R. Brown, 1894, LIV; Nant Alyn, GR 33/16. In disused limestone quarry. T. Edmondson, 1969, herb. J. N. Mills. 2nd record. Both det. J. N. Mills. \*70, Cumberland: rocks by Piers Ghyll, GR 35/20. 1900–2100 ft. J. N. Mills, 1969, herb. C. West.

558/1/157. *HIERACTIUM DIAPHANOIDES* Lindeb. \*104, N. Ebudes: Druim an Aonach, Raasay, GR 18/54. A. McG. Stirling, 1969, CGE, det. Sell & West.

558/1/188. *HIERACTIUM UIGINSKYENSE* Pugsl. \*69, Westmorland (N. Lancs.): Seathwaite, Dunnerdale, GR 34/23.96. J. N. Mills (69/108), 1969, herb. J.N.M.

558/1/204. *HIERACTIUM CALCARICOLA* (F. J. Hanb.) Roffey \*64, Mid-W. Yorks.: rocks by R. Wharfe below Appletreewick, GR 44/05.59. J. N. & J. R. J. Mills (69/117, 118), 1969, herb. J. N. Mills.

558/1/219. *HIERACTIUM PERPROPINQUUM* (Zahn) Druce \*104, N. Ebudes: woodland at Kilbride House, Skye, GR 18/58.20. C. W. Murray, 1967, CGE, det. Sell & West.

558/1/m. *HIERACTIUM MIRANDUM* Sell & C. West \*69, Westmorland (N. Lancs.): by small brook in Dunnerdale, GR 34/23.96. J. N. Mills (69/107), 1969, herb. J.N.M. 4th locality for the species.

558/2/3. *HIERACTIUM LACTUCELLA* Wallr. \*64, Mid-W. Yorks.: at the foot of the Ingleborough hills, GR 34/77. —, 1818, LIV, det. J. N. Mills. 1st definite record. \*69, Westmorland: (No locality). 1814, LIV, det. J. N. Mills.

558/2/9. *HIERACTIUM PRAEALTUM* Vill. ex Gochnat \*43, Radnor: Knucklas, GR 32/27. On a wall. J. R. Palmer, 1967, field record, det. C. West as subsp. *praealtum*. (*Nature Wales*, 11; 30 (1968)).

561/1. *BALDELLIA RANUNCULOIDES* (L.) Parl. \*104, N. Ebudes: Loch Cill Criosd, Skye, GR 18/61.20. By outflow. N. Dennis, 1963, herb. C. W. Murray; edge of Loch Airidh na Saorach, GR 18/68.20. C. W. Murray, 1968, herb. C.W.M. 2nd record. H6, Waterford: by Carrickavrantry Lake, west of Tramore, GR 02/46. I. K. Ferguson (2091), 1967, BM. Confirmation of the only (pre-1930) record. (*Ir. Nat. J.*, 16: 96 (1968)).

576/2. *ZOSTERA ANGUSTIFOLIA* (Hornem.) Reichb. \*103, Mid Ebudes (*Watsonia*, 8: 152 (1970)). \*H6, Waterford: Back Strand, Tramore, GR 02/00.56. I. K. Ferguson (2261), 1968, BM, DBN, LTR, det. J. E. Dandy & T. G. Tutin. (*Ir. Nat. J.*, 16: 176 (1969)).

576/3. *ZOSTERA NOLTHI* Hornem. \*H6, Waterford: Back Strand, Tramore, GR 02/00.56. I. K. Ferguson (2262), 1968, BM, det. J. E. Dandy & T. G. Tutin. (*Ir. Nat. J.*, 16: 176 (1969)).

577/3. *POTAMOGETON COLORATUS* Hornem. \*79, Selkirk: Selkirk racecourse, GR 36/49.27. Moss at 850 ft. D. J. Bellamy & J. Edmondson, 1968, BM, conf. J. E. Dandy.

577/8. *POTAMOGETON PRAELONGUS* Wulf. 48, Merioneth: the westernmost Llynau Crogenen, GR 23/61. P. M. Benoit, 1969, NMW. \*107, E. Sutherland: Loch Sail an Ruathair, Benmore Forest, GR 29/33.14. U. K. Duncan, 1969, BM, conf. J. E. Dandy.

579/2. *RUPPIA MARITIMA* L. 103, Mid Ebudes (*Watsonia*, 8: 152 (1970)).

603/1. *PARIS QUADRIFOLIA* L. \*104; N. Ebudes: Suardal, Skye, GR 18/61.19. Limestone gryke above marble quarries. J. C. Brownlie, 1961, herb. C. W. Murray; Coille Gairellach, Skye, GR 18/60.19. Grykes and swallow holes. C. W. Murray, 1962, herb. C.W.M. 2nd record.

†605/2. *JUNCUS TENUIS* Willd. \*51, Flint: track on south-east side of Llyn Helyg, GR 33/17. P. M. Benoit, 1969, NMW.

605/10 × 9. *JUNCUS CONGLOMERATUS* L. × *EFFUSUS* L. \*45, Pembroke: Ambleston Common, GR 12/99.25. Wet moorland. N. D. Simpson, 1969, NMW (T. A. W. Davis, 69/1231). (*Nature Wales*, 12: 38 (1970)).

605/17. *JUNCUS SUBNODULOSUS* Schrank \*68, Cheviotland: near Cornhill, GR 36/85.38. G. A. & M. Swan, herb. G.A.S., conf. A. Melderis.



605/20. *JUNCUS ALPINOARTICULATUS* Chaix \*79, Selkirk: shores of Akermoor Loch, GR 36/41.21. Calcareous flushes, 1050 ft. R. W. M. Corner, 1968, **BM**, conf. G. A. Matthews; Tima Water, GR 36/28.11. Sandy banks, 850 ft. R. W. M. Corner, 1969, **herb. R.W.M.C.** 2nd record. \*80, Roxburgh: Murder Moss, near Selkirk, GR 36/50.28. 800 ft. R. W. M. Corner, 1968, **BM**, conf. G. A. Matthews. 2nd record.

607/3. *ALLIUM SCORODOPRASUM* L. \*80, Roxburgh: St Boswells, GR 36/58.30. Established for more than 30 years in railway cutting. R. W. M. Corner, 1956, field record.

625/6. *EPIPACTIS PHYLLANTHES* G.E.Sm. \*28, W. Norfolk: Santon, GR 52/81.88. Among ivy in conifer plantation. A. J. Davison, 1969, **herb. E. L. Swann**, conf. D. P. Young as var. *vectensis* (T. & T. A. Stephenson) D. P. Young.

627/1. *SPIRANTHES SPIRALIS* (L.) Chevall. **H6**, Waterford: Ballatin, near Tramore, GR 02/46. I. K. Ferguson, 1967, field record. (*Ir. Nat. J.*, **16**: 96 (1968)). 1st post-1930 record.

628/2. *LISTERA CORDATA* (L.) R.Br. 79, Selkirk: south-west end of Akermoor Loch, GR 36/40.20. R. W. M. Corner, 1966, field record. 1st post-1930 record.

643/3. *DACTYLORHIZA INCARNATA* (L.) Soó \*47, Montgomery: Llyn Mawr, near Llanwnog, GR 32/00.97. R. Lovegrove, 1969, field record.

643/5. *DACTYLORHIZA PURPURELLA* (T. & T. A. Stephenson) Soó \*42, Brecon: near Llanwrtyd Wells, GR 22/88.41. Meadows by brook. W. J. H. Price & M. Porter, 1969, **NMW**. (*Nature Wales*, **12**: 36 (1970)).

649/1. *ARUM MACULATUM* L. \*†103, Mid Ebudes (*Watsonia*, **8**: 152 (1970)).

652/2. *SPARGANIUM EMERSUM* Rehm. \***H6**, Waterford: shores of Carrickavrantry Lake, GR 02/46. I. K. Ferguson (2086), 1967, **BM**, det. C. D. K. Cook. (*Ir. Nat. J.*, **16**: 96 (1968)).

652/4. *SPARGANIUM MINIMUM* Wallr. \*42, Brecon: Traeth Mawr bog, Brecon Beacons, GR 22/96.25. M. Porter, 1969, **NMW**. (*Nature Wales*, **12**: 36 (1970)). **H6**, Waterford: Ballin Lough, near Kill, GR 02/36. G. C. Argent, 1966, **LANC**. 1st post-1930 record.

654/3. *ERIOPHORUM LATIFOLIUM* Hoppe \*79, Selkirk: south-east of Akermoor Loch, GR 36/41.20. Basic flush, 1050 ft. R. W. M. Corner, 1968, field record; north side of Wedder Law, Ettrick, GR 36/26.14. Basic flushes. R. W. M. Corner, 1969, field record. 2nd record.

656/3. *ELEOCHARIS QUINQUEFLORA* (F. X. Hartmann) Schwartz 79, Selkirk: south side of Akermoor Loch, GR 36/40.20. Basic flushes, 1050 ft. R. W. M. Corner, 1966, field record. 1st post-1930 record.

660/1. *RHYNCHOSPORA ALBA* (L.) Vahl 47, Montgomery: near Glanmerin Lake, Machynlleth, GR 22/75.99. D. E. M. Paish, 1967, field record. 2nd record.

661/1. *CLADIUM MARISCUS* (L.) Pohl \*42, Brecon: Traeth Mawr bog, Brecon Beacons, GR 22/96.25. 1100 ft. M. Porter, 1969, **NMW**. (*Nature Wales*, **12**: 36 (1970)). 104, N. Ebudes: pool south of Brochel road, Raasay, GR 18/57.45. C. W. Murray, 1969, **herb. C. W. Murray**. 2nd record.

663/13. *CAREX CAPILLARIS* L. 96, Easternness: Coire Coulavie, Mam Sodhail, GR 28/11. 24. Basic flush at 3000 ft. R. W. M. Corner, 1961, field record. Major extension in v.c.

663/15. *CAREX PSEUDOCYPERUS* L. \*42, Brecon: marsh near R. Usk at Pencelli, GR 32/09.24. M. Porter, 1968, **NMW**. (*Nature Wales*, **11**: 139 (1969)).

663/17. *CAREX VESICARIA* L. **51**, Flint: shore of Llyn Helyg, GR 33/17. 1 plant. P. M. Benoit, 1969, NMW. 2nd record. \***103**, Mid Ebudes (*Watsonia*, **8**: 153 (1970)).

663/20. *CAREX RIPARIA* Curt. **H6**, Waterford: marsh between Annewstown and Dunhill, GR 02/46. I. K. Ferguson (347), 1962, TCD. (*Ir. Nat. J.*, **16**: 97 (1968)). 1st post-1930 record.

663/23. *CAREX STRIGOSA* Huds. \***42**, Brecon: near Llyswen, GR 32/14.37. Damp woodland path. M. Porter, 1968, NMW. (*Nature Wales*, **11**: 139 (1969)). \***51**, Flint: Whitford Wood near Mostyn, GR 33/17. With *C. sylvatica* by side of track. P. M. Benoit, 1969, NMW.

663/48. *CAREX AQUATILIS* Wahlenb. **79**, Selkirk: confluence of Etrick and Tima Waters, GR 36/27.14. 750 ft. R. W. M. Corner, 1969, K, conf. S. S. Hooper. 1st post-1930 record.

663/54 × 71. *CAREX* × *BOENNINGHAUSIANA* Weihe \***67**, S. Northumberland: Tod Burn, GR 45/11.94. G. A. & M. Swan, 1969, herb. G.A.S., conf. A. Melderis.

663/55. *CAREX APPROPINQUATA* Schumach. \***80**, Roxburgh (*Proc. bot. Soc. Br. Isl.*, **7**: 562 (1969)).

663/62. *CAREX DIVISA* Huds. \***68**, Cheviotland: Holy Island, GR 46/09.43. G. A. & M. Swan, 1964, herb. G.A.S., conf. A. C. Jermy. 1st definite record.

663/64. *CAREX MARITIMA* Gunn. **111**, Orkney: Widford Hill, St Ola, GR N30/41.11. By tarmac road, 741 ft, probably introduced. E. R. Bullard, 1968, field record. Highest record in the British Isles.

663/67. *CAREX SPICATA* Huds. \***67**, S. Northumberland: Maglin Burn, GR 45/10.98. 300 ft. G. A. & M. Swan, 1969, herb. G. A. Swan, conf. A. Melderis.

663/78. *CAREX PAUCIFLORA* Lightf. **104**, N. Ebudes: bog by Loch Meodal, Sleat, Skye, GR 18/65.11. A. McG. Stirling, 1966. 1st record for Skye.

669/2. *GLYCERIA PLICATA* Fr. **H6**, Waterford: near Tramore old water works, GR 02/46. I. K. Ferguson (325), 1962, TCD. 2nd record. (*Ir. Nat. J.*, **16**: 97 (1968)).

669/4. *GLYCERIA MAXIMA* (Hartm.) Holmberg \***42**, Brecon: near Llyswen, GR 32/14.37. Margin of pool. H. Soan & M. Porter, 1968, NMW. (*Nature Wales*, **11**: 139 (1969)).

670/6 × 672/2. *FESTUCA RUBRA* L. × *VULPIA BROMOIDES* (L.) Gray \***25**, E. Suffolk: Shingle Street, Hollesley Bay, GR 62/34. 5 plants in thin sand over shingle. P. J. O. Trist, 1969, K, det. C. E. Hubbard. Probably 2nd British record.

670/10. *FESTUCA VIVIPARA* (L.) Sm. \***47**, Montgomery: Cerrig-y-Duon, GR 33/05.30. 2000 ft. A. Bull, 1966, herb. A.B. \***67**, S. Northumberland: Gilderdale, GR 35/69.47. On limestone crags, 850 ft and basalt by stream nearby. G. A. & M. Swan, 1969, herb. G.A.S. 1st definite record.

674/1. *CATAPODIUM RIGIDUM* (L.) C. E. Hubbard \***42**, Brecon: Cwm Clydach, GR 32/22.12. Disused limestone quarries. M. Porter, 1968, NMW. (*Nature Wales*, **12**: 36 (1970)).

676/9. *POA COMPRESSA* L. \***103**, Mid Ebudes (*Watsonia*, **8**: 153 (1970)).

677/1. *CATABROSA AQUATICA* (L.) Beauv. **104**, N. Ebudes: mouth of Lealt river, Skye, 18/52. 60. H. J. B. Birks, 1969. 1st record for Skye.

681/2. *MELICA NUTANS* L. \***79**, Selkirk: by Tima Water below Meerless, GR 36/28.11. R. W. M. Corner, 1969, field record. **104**, N. Ebudes: Tokavaig wood, Skye, GR 18/61.12. A. McG. Stirling, 1968, herb. C. W. Murray. 2nd record.

700/1. *CALAMAGROSTIS EPIGEJOS* (L.) Roth \***48**, Merioneth: between Towyn and Aberdovey, GR 22/59. Marshy ground. K. M. Stevens, 1969, NMW. 1st definite record. **104**, N. Ebudes: Tokavaig wood, Skye, GR 18/61.12. A. McG. Stirling, 1968 herb. C. W. Murray. 1st record for Skye.

701/4. *AGROSTIS GIGANTEA* Roth 50, Denbigh: Rhyd-y-Crenau Field Centre, Betws-y-Coed, GR 23/85. Garden weed. P. M. Benoit, 1969, NMW. 1st record for over 100 years.

701/5 × 3. *AGROSTIS STOLONIFERA* L. × *A. TENUIS* Sibth. \*28, W. Norfolk: Cranberry Farm, Hockham, GR 52/93.93. P. M. Benoit & E. L. Swann, 1968; Derby Fen, Gromston, GR 53/70.20. E. L. Swann, 1969. 2nd record.

707/5. *PHLEUM ARENARIUM* L. \*103, Mid Ebudes (*Watsonia*, 8: 153 (1970)).

708/4. *ALOPECURUS AEQUALIS* Sobol. \*42, Brecon: near Llyswen, GR 32/11.37. Margin of moorland pool. M. Porter, 1968, NMW. (*Nature Wales*, 12: 36 (1970)).