

Plant Records

Records for publication must be submitted in the form shown below to the appropriate vice-county Recorder (*Watsonia*, 8: 435-447 (1971)) and *not* to the Editors.

Records are arranged in the order given in the *List of British Vascular Plants* by J. E. Dandy (1958) and in his subsequent revision (*Watsonia*, 7: 157-178 (1969)). With the exception of collectors' initials, herbarium abbreviations are those used in *British Herbaria* by D. H. Kent (1958).

The following signs are used:

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

1/3. LYCOPODIUM ANNOTINUM L. **104**, North Ebudes: west branch of Allt Camus na Gedaig, Scalpay, GR 18/58.32. Woodland. H. A. P. Ingram, 1969, field record. 2nd record.

4/8. EUISETUM PRATENSE Ehrh. **108**, W. Sutherland: Ben Hope, GR 29/47.49. Grassy slopes on west side, 1500 ft. R. W. M. Corner, 1970, herb. R.W.M.C. 2nd record.

21/3. DRYOPTERIS ABBREVIATA (DC.) Newm. ***50**, Denbigh: roadside wall, Llanfihangel, GR 23/98.51. J. M. Brummitt, 1969, det. R. H. Roberts, NMW. (*Nature Wales*, 12: 39 (1970)).

24/3. THELYPTERIS PHEGPTERIS (L.) Slosson **80**, Roxburgh: Sundhope Newcastleton, GR 35/51.98. Wooded banks of Lairds Linns. R. W. M. Corner, 1970, field record. 1st post-1930 record. **82**, Haddington: Pressmennan Woods, Stenton, GR 36/6.7. E. P. Beattie, 1969, E. 2nd record.

24/4. GYMNOCARPIUM DRYOPTERIS (L.) Newm. ***15**, E. Kent: under pines in Lyminge Forest, GR 61/14.43. E. G. Philp, 1970, MNE.

28/1. BOTRYCHIUM LUNARIA (L.) Sw. **42**, Brecon: 3 miles north of Llanbedr, GR 32/21.25. Mountain ledge on Old Red Sandstone, 1750 ft. M. Massey & M. Porter, 1970, field record. 1st post-1930 record.

37/1. TROLLIUS EUROPAEUS L. **83**, Edinburgh: Heriot station, GR 36/4.5. In marshy ground by the railway. E. P. Beattie, 1969, field record. 1st post-1930 record.

38/1. HELLEBORUS FOETIDUS L. †**82**, Haddington: Balgone Estate, North Berwick, GR 36/5.8. E. P. Beattie, 1969, E. 2nd record.

46/10. RANUNCULUS AURICOMUS L. **84**, Linlithgow: Broxburn, GR 36/09.69. In wood below Almondell. E. P. Beattie, 1969, field record. 2nd record.

46/19. RANUNCULUS FLUITANS Lam. ***42**, Brecon: in R. Wye one mile east of Llyswen, GR 32/15.38. M. Porter, 1970, NMW.

46/21. RANUNCULUS TRICHOPHYLLUS Chaix **73**, Kirkcudbright: brackish pool, Southwick Merse, GR 25/91.55. O. M. Stewart, 1968, det. W. Muirhead, E. 2nd record.

46/23. RANUNCULUS BAUDOTII Godr. **73**, Kirkcudbright: brackish pool, Southwick Merse, GR 25/92.55. O. M. Stewart, 1970, E. 2nd record.

- 50/3. *THALICTRUM MINUS* L. 44, Carmarthen: Llyn y Fan Fach, Llandeusan, GR 22/80.21. Old Red Sandstone cliffs, 1900 ft. D. Davies, 1970, NMW. 2nd record.
- 61/1. *GLAUCIUM FLAVUM* Crantz *82, Haddington: Aberlady Bay Nature Reserve, GR 36/4.8. E. P. Beattie, 1968, field record.
- †65/4. *CORYDALIS LUTEA* (L.) DC. 82, Haddington: on walls, Garvald, GR 36/5.7. E. P. Beattie, 1968, field record. 2nd record.
- †69/3. *RHYNCOSINAPIS CHEIRANTHOS* (Vill.) Dandy 35, Monmouth: disused railway, Mynydd Dimlaith, GR 31/15.90. G. Ellis & A. E. Wade, 1968, NMW. 2nd record.
- 72/2. *DIPLOTAXIS TENUIFOLIA* (L.) DC. *†71, Isle of Man: derelict garden, Kirkmichael, GR 24/3.9. M. Devereau & L. S. Garrad, 1968, DGS.
- †80/2. *CORONOPUS DIDYMUS* (L.) Sm. *47, Montgomery: roadside, Erw Wen, Welshpool, GR 33/23.07. D. Pugh, 1970, NMW.
- †81/1. *CARDARIA DRABA* (L.) Desv. 45, Pembroke: waste ground, Broad Haven, GR 12/86.13. C. C. Jones, 1970, NMW. 2nd record.
- †98/4. *BARBAREA VERNA* (Mill.) Aschers. 73, Kirkcudbright: north of Haugh of Urr, GR 25/76.73. Shingle by R. Urr near Margley Farm. O. M. Stewart, 1970, det. W. Muirhead, E. 1st post-1930 record.
- 113/1. *VIOLA ODORATA* L. *83, Edinburgh: Dreghorn Woods, GR 36/2.6. E. P. Beattie, 1970, field record.
- 133/1. *STELLARIA NEMORUM* L. subsp. *GLOCHIDOSPERMA* Murb. *42, Brecon: streambank, Llywel, GR 22/85.30. 750 ft. M. Porter & M. Massey, 1970, NMW; streambank, Llangynidr, GR 32/14.19. M. Porter, 1970, NMW. 1st and 2nd definite records respectively for the species and subspecies.
- 140/1. *MOEHRINGIA TRINERVIA* (L.) Clairv. *71, Isle of Man: shady banks, Ballakerka, Sulby, GR 24/3.9. M. Devereau, 1969, DGS. 1st definite record.
- †149/2. *MONTIA PERFOLIATA* (Willd.) Howell 82, Haddington: dunes at Gosford, GR 36/4.7. E. P. Beattie, 1968, field record. 2nd record.
- †149/3. *MONTIA SIBIRICA* (L.) Howell 83, Edinburgh: Fountainhall, GR 36/41.46. Abundant at Nether Shiels on the Lugate Water. E. P. Beattie, 1970, E. 2nd record.
- †154/1. *CHENOPODIUM BONUS-HENRICUS* L. 72, Dumfries: 2 miles north of Ae village, GR 25/98.92. Shingle by Water of Ae, 600 ft. O. M. Stewart, 1966, det. W. Muirhead, E. 1st post-1930 record.
- 156/5. *ATRIPLEX LACINIATA* L. 73, Kirkcudbright: sandy shore, Southwick Merse, GR 25/92.55. O. M. Stewart, 1970, det. M. McCallum Webster, field record. 1st post-1930 record.
- 167/1. *RADIOLA LINOIDES* Roth 73, Kirkcudbright: stony track, Craigend, 3 miles north-west of New Abbey, GR 25/93.69. O. M. Stewart, 1969, det. W. Muirhead, E. 1st post-1930 record.
- †170/2. *OXALIS CORNICULATA* L. *73, Kirkcudbright: Shambellie Wood, New Abbey, GR 25/96.66. Peaty path in woods, 100 ft. O. M. Stewart, 1967, E.
- †171/4. *IMPATIENS GLANDULIFERA* Royle *82, Haddington: Dirleton, GR 36/5.8. By path in Invereil Wood. E. P. Beattie, 1970, E. 83, Edinburgh: Warriston, GR 36/2.7. Abundant along disused railway line. E. P. Beattie, 1970. 2nd record.
- 189/2. *ONONIS SPINOSA* L. 74, Wigtown: east of Isle of Whithorn, GR 25/48.36. Just above the shore. H. K. C. Mair, 1968, field record. 1st post-1930 record.

†190/2. *MEDICAGO SATIVA* L. 74, Wigtown: 1½ miles south of Glenluce, GR 25/19.55. H. K. C. Mair, 1969, field record. 1st post-1930 record.

†191/4. *MELILOTUS INDICA* (L.) All. *35, Monmouth: Newport Docks, GR 31/32.84. A. E. Wade, 1968, NMW. (*Nature Wales*, 11:138 (1969)).

192/19. *TRIFOLIUM FRAGIFERUM* L. 82, Haddington: Longniddry dunes, GR 36/4.7. E. P. Beattie, 1969, field record. Only known existing locality.

†192/22. *TRIFOLIUM AUREUM* Poll. *83, Edinburgh: waste ground, Borthwick, GR 36/3.6. E. P. Beattie, 1968, E. *84, Linlithgow: waste ground, Bo'ness, GR 26/98. E. P. Beattie, 1970, field record.

†203/1. *CORONILLA VARIA* L. *82, Haddington: Gullane, GR 36/4.8. Embankment of disused railway. E. P. Beattie, 1968, E. Pencaitland, GR 36/4.6. Embankment of disused railway line. E. P. Beattie, 1968, E. 2nd record. 83, Edinburgh: Edinburgh, GR 36/2.7. Embankment of disused railway. E. P. Beattie, 1967, E. 2nd record. *86, Stirling: Grangemouth docks, GR 26/9.8. Long-established. E. P. Beattie, E.

206/2. *VICIA TETRASPERMA* (L.) Schreb. *44, Carmarthen: Cilycwm, Llandoverly, GR 22/75.39. Garden weed. I. M. Vaughan, 1970, NMW.

206/10. *VICIA SYLVATICA* L. 2, E. Cornwall: cliff at Morwenstow, GR 21/20.16. J. Paton, 1968, field record. 1st post-1930 record. *42, Brecon: Felindre, GR 32/19.35. By paths in coniferous wood, 750 ft. G. Hargest, 1970, NMW. 1st definite record. 82, Haddington: in Humble Wood, GR 36/4.6. E. P. Beattie, 1968, field record. 2nd record.

211/1. *RUBUS CHAMAEMORUS* L. *82, Haddington: Gifford, Lammermuir Hills, GR 36/5.6. Scattered on the Hope Hills and Fasney Water. E. P. Beattie, 1970, E.

211/2. *RUBUS SAXATILIS* L. *43, Radnor: Radnor Forest, GR 32/18.62. On rocks in Davy Morgan's Dingle, 1500 ft. A. C. Powell, 1970, det. G. Ellis, NMW.

211/9. *RUBUS CAESIUS* L. 73, Kirkcudbright: Port Ling, GR 25/88.53. Creeping over rocks. O. M. Stewart, 1968, det. E. S. Eedes, E. 1st post-1930 record.

211/11/18. *RUBUS LATIFOLIUS* Bab. *73, Kirkcudbright: Rockcliffe, GR 25/84.54. Path by the shore. O. M. Stewart, 1969, det. E. S. Eedes, E.

211/11/52. *RUBUS NEMORALIS* P. J. Muell. 73, Kirkcudbright: Rockcliffe, GR 25/84.53, and Nether Clifton Merse, GR 25/91.56. Both O. M. Stewart, 1968, det. E. S. Eedes, E. 1st post-1930 records.

211/11/59. *RUBUS LINDLEIANUS* Lees *73, Kirkcudbright: Sandyhills, GR 25/89.55, and New Abbey, GR 25/97.66. Both O. M. Stewart, 1969, det. E. S. Eedes, E. 1st and 2nd records respectively.

211/11/113. *RUBUS POLYANTHEMUS* Lindeb. *73, Kirkcudbright: hedgerow, Rockcliffe, GR 25/84.53. O. M. Stewart, 1969, det. E. S. Eedes, E. *74, Wigtown: 2 miles north of Garlieston, GR 25/48.49. By woodland track near Innerwell. O. M. Stewart, 1967, det. E. S. Eedes, E.

211/11/129. *RUBUS ULMIFOLIUS* Schott 74, Wigtown: 2 miles north of Garlieston, GR 25/48.49. Bank near Innerwell shore. O. M. Stewart, 1967, det. E. S. Eedes, E. 2nd or possibly 1st record.

211/11/165. *RUBUS VESTITUS* Weihe & Nees. *74, Wigtown: 2 miles north of Garlieston, GR 25/48.49. Near shore near Innerwell. O. M. Stewart, 1967, det. E. S. Eedes, E.

211/11/356. *RUBUS DASYPHYLLUS* (Rogers) Rogers 73, Kirkcudbright: thicket, Rockcliffe, GR 25/84.54. O. M. Stewart, 1969, det. E. S. Eedes, E. Probably 1st post-1930 record.

- 218/2. *AGRIMONIA PROCERA* Wallr. *106, E. Ross: Craigdarroch Lodge, by Loch Achilty, GR 28/4.5. Edge of oak wood by farm track, increasing. W. J. Sutherland, 1966, herb. U. K. Duncan.
- 222/1. *SANGUISORBA OFFICINALIS* L. 73, Kirkcudbright: Brighthouse Bay, 2 miles south of Bogue, GR 25/63.45. Short sandy grassland. H. K. C. Mair, 1968, field record. 1st post-1930 record.
- 223/1. *POTERIUM SANGUISORBA* L. 73, Kirkcudbright: Kirkdale Bank, 5 miles south-east of Creetown, GR 25/51.53. Meadowland by shore. H. K. C. Mair, 1966, field record. 1st post-1930 record.
- 225/7. *ROSA STYLOSA* Desv. 44, Carmarthen: old hedge, St Anthony's Well, Llanstephan, GR 22/34.09. I. M. Vaughan, 1970, NMW. 2nd record and 1st authenticated one.
- †227/2. *COTONEASTER SIMONSII* Bak. *73, Kirkcudbright: cliffs between Douglas Hall and Port Ling, GR 25/88.54. O. M. Stewart, 1970, det. W. Muirhead, E.
- 235/1. *SEDUM ROSEA* (L.) Scop. 44, Carmarthen: Llyn y Fan Fach, Llandeusan, GR 22/8.2. 1000 ft. D. Davies, 1970, NMW. 1st record since 1908.
- †235/3. *SEDUM SPURIUM* Bieb. 73, Kirkcudbright: rocks by R. Dee near Old Tongland Bridge, GR 25/69.53. O. M. Stewart, 1970, det. W. Muirhead, E. 2nd record.
- 239/15. *SAXIFRAGA HYPNOIDES* L. *79, Selkirk: Buck Cleuch, GR 36/33.14. Basic flush, 950 ft. R. W. M. Corner, 1970, field record.
- †241/1. *TOLMIEA MENZIESII* (Pursh) Torr. & Gray *82, Haddington: Gifford, GR 36/5.6. In deep shade in gorge of Newlands Burn. E. P. Beattie, 1970, E.
- 242/2. *CHRYOSPLENIUM ALTERNIFOLIUM* L. 79, Selkirk: Banks of Etrick, near Thirlstane House, GR 36/28.15. Damp woodland, 750 ft. R. W. M. Corner, 1970, herb. R.W.M.C. 1st post-1930 record.
- 247/1. *DROSERA ROTUNDIFOLIA* L. 84, Linlithgow: Raizie Moss, Blackridge, near Armadale, GR 26/8.6. E. P. Beattie, 1970, E. 2nd record.
- †254/13. *EPILOBIUM NERTERIOIDES* Cunn. *44, Carmarthen: Llyn y Fan Fach, Llandeusan, GR 22/80.22. By track to lake, 2000 ft. D. Davies, 1970, NMW.
- 259/2. *MYRIOPHYLLUM SPICATUM* L. *48, Merioneth: duneland pool, Morfa Harlech, GR 23/5.3. P. M. Benoit, 1970, NMW. 1st definite record.
- 261/1. *HIPPURIS VULGARIS* L. *84, Linlithgow: Easter Inch Moss, Blackburn, GR 36/0.6. E. P. Beattie, 1968, field record. Pool in Tailend Moss, Bathgate, GR 36/0.6. E. P. Beattie, 1968, E. 2nd record.
- 294/2. *PIMPINELLA MAJOR* (L.) Huds. *83, Edinburgh: Warriston, GR 36/25.75. Abundant on disused railway line. E. P. Beattie, 1970, E.
- 297/1. *BERULA ERECTA* (Huds.) Coville 73, Kirkcudbright: Nether Clifton, GR 25/90.55. Wet rivulet in merse. O. M. Stewart, 1969, det. W. Muirhead, E. 1st post-1930 record.
- 300/6. *OENANTHE AQUATICA* (L.) Poir. 47, Montgomery: by canal 1½ miles south of Arddleen, GR 33/25.13. V. J. Macnair, 1970, det. J. F. M. Cannon, BM. 2nd record.
- †309/3. *PEUCEDANUM OSTRUTHIUM* (L.) Koch *74, Wigtown: 5 miles south of Stranraer, GR 25/06.54. Edge of cultivated field by ditch, 350 ft. H. K. C. Mair, 1968, field record.
- 319/17. *EUPHORBIA AMYGDALOIDES* L. *†74, Wigtown: near Old House Point, Cairnryan, GR 25/05.70. Waste ground near the shore. H. K. C. Mair, 1968, field record.

†320/20. *POLYGONUM SACHALINENSE* F. Schmidt *73, Kirkcudbright: New Abbey, GR 25/96.66. On bank of Pow Burn. O. M. Stewart, 1970, DFS.

†325/5. *RUMEX ALPINUS* L. *74, Wigtown: roadside, 2 miles west of Drummore, GR 25/10.35. H. K. C. Mair, 1967, field record.

326/1. *PARIETARIA JUDAICA* L. 73, Kirkcudbright: Port Ling, GR 25/88.53. Rocks by shore. O. M. Stewart, 1970, DFS. 1st post-1930 record.

343/1. *SALIX PENTANDRA* L. *42, Brecon: 2 miles north-west of Upper Chapel, GR 22/99.43. Banks of moorland stream, 1150 ft. M. Porter, 1970, det. R. D. Meikle, NMW.

343/6. *SALIX PURPUREA* L. *42, Brecon: 1 mile north-east of Glasbury, GR 32/18.40. By oxbow pool near R. Wye, 300 ft. M. Porter, 1970, det. R. D. Meikle, NMW.

343/14. *SALIX NIGRICANS* Sm. 79, Selkirk: Buck Cleuch, GR 36/33.14. Steep, flushed slope, 950 ft. R. W. M. Corner, 1969, det. R. D. Meikle, K. 1st post-1930 record. 80, Roxburgh: Lairds Linns, Sundhope, Newcastleton, GR 35/51.98. Burn sides, 750 ft. R. W. M. Corner, 1970, det. R. D. Meikle, K. 1st post-1930 record.

358/1. *VACCINIUM VITIS-IDAEA* L. 44, Carmarthen: Llyn y Fan Fach, Llandeusan, GR 22/80.21. Old Red Sandstone cliffs, 1900 ft. D. Davies, 1970, NMW. 1st record since 1908.

358/3. *VACCINIUM ULIGINOSUM* L. 69, Westmorland: Cliburn Moss, GR 35/57.25. R. M. Burton, 1970, herb E. J. Clement. 1st post-1930 record.

358/4. *VACCINIUM OXYCOCCUS* L. 43, Radnor: between Colva Hill and Caety Traylow Hill, GR 32/19.55. On *Sphagnum* in peat pools, 1600 ft. A. C. Powell, 1970, field record. 2nd record. 84, Linlithgow: Raizie Moss, Blackridge, near Armadale, GR 26/8.6. E. P. Beattie, 1970, E. 2nd record.

359/1. *PYROLA MINOR* L. 83, Edinburgh: North Wood, New Park, GR 36/04.64. E. P. Beattie, 1968, field record. 2nd record. *84, Linlithgow: Blackburn, GR 26/99.65. Birch wood by Easter Inch Moss. E. P. Beattie, 1968, field record. 108, W. Sutherland: north-west slopes of Ben Hope, GR 29/47.50. R. W. M. Corner, 1970, field record. 1st post-1930 record.

†370/5. *LYSIMACHIA PUNCTATA* L. *82, Haddington: dunes at Bilsdean, GR 36/7.7. E. P. Beattie, 1957, E. *83, Edinburgh: North Wood, New Park, Bellsquarry, GR 36/0.6. E. P. Beattie, 1967, E.

370/7. *LYSIMACHIA THYSIFLORA* L. *83, Edinburgh: on the Union Canal, GR 26/2.7. E. P. Beattie, 1967, field record. Cobbinshaw Reservoir, GR 36/00.57. C.S.S.F. Field Meeting 1968, field record. 2nd record. *86, Stirling: Union Canal between Glen Village and the Avon viaduct, GR 26/9.7. E. P. Beattie, 1967, E.

371/1. *TRIENTALIS EUROPAEA* L. 83, Edinburgh: Torfichen Hill, Moorfoot Hills, GR 36/3.5. E. P. Beattie, 1969, E. 2nd record.

†379/2. *VINCA MAJOR* L. 82, Haddington: roadside, Longniddry, GR 36/4.7. E. P. Beattie, 1970, field record. 2nd record.

411/1. *HYOSCYAMUS NIGER* L. 74, Wigtown: near shore, 1 mile south of Garlieston, GR 25/48.45. H. K. C. Mair, 1968, field record. 1st post-1930 record.

†415/1. *DATURA STRAMONIUM* L. 47, Montgomery: 1 mile south of Trewern, GR 33/27.10. C. T. Caswell, 1970, field record. 2nd record.

†416/3. *VERBASCUM PHLOMOIDES* L. *50, Denbigh: Pentrefoelas, GR 23/87.50. On refuse tips. J. M. Harrop, 1968, det. I. K. Ferguson, K. (*Nature Wales*, 11:140 (1969)).

416/10. *VERBASCUM VIRGATUM* Stokes *†42, Brecon: roadside verge, Llanfrynach, GR 32/08.26. M. Porter, 1970, NMW. *†71, Isle of Man: waste ground, Douglas, GR 24/3.7. L. V. Crellin, 1968, det. D. E. Allen, DGS.

†425/1 × 2. *MIMULUS GUTTATUS* DC. × *LUTEUS* L. *69, Westmorland: Chapel Beck, 1½ miles south of Orton, GR 35/62.06. G. Halliday (72/70), 1970, det. R. H. Roberts, LANC.

†428/1. *ERINUS ALPINUS* L. 80, Roxburgh: ruined walls of Jedburgh Abbey, GR 36/65.20. J. H. Fremlin, 1970, field record. 1st post-1930 record.

†430/14. *VERONICA PEREGRINA* L. *6, N. Somerset: Bruton, GR 31/68.35. Garden weed at Brulands. C. A. Howe, 1970, conf. E. B. Bangerter, BM.

440/3. *OROBANCHE RAPUM-GENISTAE* Thuill. 6, N. Somerset: Greyfield Wood, Clutton, GR 31/64.58. On *Cytisus scoparius* in young conifer plantation. P. A. Hickmott, 1970, det. R. G. B. Roe, field record. 1st post-1930 record.

440/9. *OROBANCHE PICRIDIS* F. W. Schultz ex Koch *6, N. Somerset: Brean Down, GR 31/28.58. South-facing cliffs. P. Macpherson, 1969, det. D. J. Hambler.

448/1. *THYMUS PULEGIOIDES* L. *42, Brecon: Clydach, GR 32/22.12. Limestone grassland by wood, 700 ft. M. Porter, 1970, NMW.

459/6 × 7. *STACHYS* × *AMBIGUA* Sm. *106, E. Ross: north-west side of Loch Garve near Garve, GR 28/4.6. Bank of stream. U.K. Duncan, 1970, herb. U.K.D.

465/1. *GALEOPSIS ANGUSTIFOLIA* Ehrh. ex Hoffm. *42, Brecon: 3 miles south-west of Llywel, GR 22/84.25. Grass verge of lane, 1000 ft. M. Massey & M. Porter, 1970, NMW.

465/4/2. *GALEOPSIS BIFIDA* Boenn. *44, Carmarthen: waste ground, Rhagwen Point, Pendine, GR 22/22.07. I. M. Vaughan, 1969, NMW.

485/2. *GALIUM BOREALE* L. 80, Roxburgh: Girnwood Linn, 8 miles west of Hawick, GR 36/36.11. Rocky sides of burn, 1000 ft. R. W. M. Corner, 1970, field record. First post-1930 record.

502/2. *BIDENS TRIPARTITA* L. 74, Wigtown: by Souleseat Loch, 2 miles west of Stranraer, GR 25/10.59. H. K. C. Mair, 1969, field record. 1st post-1930 record.

†503/1. *GALINSOGA PARVIFLORA* Cav. 83, Edinburgh: Edinburgh, GR 36/2.7. In a nursery in the City. E. P. Beattie, 1969, E. 2nd record.

†506/4. *SENECIO SQUALIDUS* L. *82, Haddington: Longniddry, GR 36/4.7. On disused railway line. E. P. Beattie, 1967, E. *86, Stirling: Grangemouth Docks, GR 26/9.7. C. S. S. F. Field Meeting, 1969, field record.

506/4 × 7. *SENECIO* × *LONDINENSIS* Lousley *82, Haddington: Longniddry, GR 36/4.7. On a disused railway line with both parents. E. P. Beattie, 1970, E.

506/5. *SENECIO CAMBRENSIS* Rosser 50, Denbigh: Colwyn Bay, GR 23/83.79. Verge by A55. J. M. Brummitt, 1966, det. P. M. Benoit. A marked increase of range from its origin in the east of the county. (*Nature Wales*, 11:32 (1968)).

506/8. *SENECIO VULGARIS* L. f. *RADIATUS* Hegi *71, Isle of Man: Douglas, GR 24/3.7. L. S. Garrad, 1967. *95, Moray: Elgin, GR 38/2.6. Garden weed. M. McCallum Webster, 1969, E.

†506/9. *SENECIO TANGUTICUS* Maxim. *82, Haddington: bank of the Gifford Water below the village, GR 36/5.6. E. P. Beattie, 1969, E.

†506/13. *SENECIO FLUVIATILIS* Wallr. *82, Haddington: roadside verge, Lennoxlove Mains, near Haddington and banks of Papan Water at Garvald. Both GR 36/5.7, E. P. Beattie, 1967, E. 1st and 2nd records respectively.

†509/4. *PETASITES FRAGRANS* (Vill.) C. Presl 74, Wigtown: roadside verge, Cairnryan, GR 25/06.68. H. K. C. Mair, 1968, field record. 2nd record.

513/1. *PULICARIA DYSENTERICA* (L.) Bernh. 82, Haddington: Aberlady, GR 36/4.8. Banks of Marl Loch. E. P. Beattie, 1968, field record. 2nd record.

514/5. *FILAGO MINIMA* (Sm.) Pers. *35, Monmouth: colliery tips at Cross Keys, GR 31/21.91, and New Tredegar, GR 32/15.06. A. E. Wade, 1968, NMW. (*Nature Wales*, 11:138 (1969)).

515/1. *GNAPHALIUM SYLVATICUM* L. 71, Isle of Man: Point of Ayre, GR 25/4.0. M. Devereau & L. S. Garrard, 1968, DGS. 1st record this century.

551/2. *PICRIS HIERACIOIDES* L. *82, Haddington: near Longniddry, GR 36/4.7. On disused railway line. E. P. Beattie, 1969, E.

555/1. *MYCELIS MURALIS* (L.) Dumort. 73, Kirkcudbright: near Kirkconnell, 1½ miles north-east of New Abbey, GR 25/97.67. Steep grassy bank by road, 50 ft. O. M. Stewart, 1970, det. H. Milne-Redhead, E. 2nd record.

†558/1/3. *HIERACIUM SPELUNCARUM* Arv.-Touv. *50, Denbigh: Colwyn Bay, GR 23/83.79. J. M. Brummitt, 1969, det. P. D. Sell, CGE.

558/1/47. *HIERACIUM SCHMIDTII* Tausch *50, Denbigh: limestone cliffs, Bryn Euryn, Colwyn Bay, GR 23/83.79. J. M. Brummitt, 1968, det. P. D. Sell, CGE. (*Nature Wales*, 11: 140 (1969)).

558/1/49. *HIERACIUM LEYI* F. J. Hanb. *50, Denbigh: Colwyn Bay, GR 23/83.79. J. M. Brummitt, 1969, det. P. D. Sell, NMW. *73, Kirkcudbright: scree on Douglas Hall Cliffs, GR 25/88.54. O. M. Stewart, 1969, det. P. D. Sell, CGE.

558/1/54. *HIERACIUM VAGENSE* (F. J. Hanb.) A. Ley *50, Denbigh: limestone cliffs, Bryn Euryn, Colwyn Bay, GR 23/83.79. W. Elfyn Hughes, 1967, det. B. A. Miles, herb. W.E.H. (*Nature Wales*, 11:140 (1969)).

558/1/73. *HIERACIUM BRITANNICIFORME* Pugsl. *50, Denbigh: limestone cliff, Bryn Euryn, Colwyn Bay, GR 23/83.79. J. M. Brummitt, 1968, det. P. D. Sell, NMW. (*Nature Wales*, 11: 140 (1969)).

558/1/98. *HIERACIUM EXOTERICUM* Jord. ex Bor. *50, Denbigh: Bodnant, GR 23/80.72. Under trees in park. J. M. Brummitt, 1968, det. P. D. Sell, NMW. (*Nature Wales*, 11:140 (1969)).

558/1/102. *HIERACIUM SUBLEPISTOIDES* (Zahn) Druce *50, Denbigh: roadside bank, Colwyn Bay, GR 23/84.78. J. M. Brummitt, 1968, det. P. D. Sell, NMW. (*Nature Wales*, 11:140 (1969)).

558/1/143. *HIERACIUM CALEDONICUM* F. J. Hanb. *73, Kirkcudbright: Port Ling, GR 25/88.53. Rocks by the shore. O. M. Stewart, 1968, det. C. West, CGE.

558/1/155. *HIERACIUM SUBMUTABILE* (Zahn) Pugsl. †50, Denbigh: Llanfairtal-haiarn, GR 23/92.70. J. M. Brummitt, 1969, det. P. D. Sell, CGE, NMW.

558/1/157. *HIERACIUM DIAPHANOIDES* Lindeb. *50, Denbigh: Maerdy, GR 23/99.44, and Llanrwst, GR 23/81.58. Both J. M. Brummitt, 1969, det. P. D. Sell, NMW. 1st and 2nd records.

558/1/199. *HIERACIUM SCABRISETUM* (Zahn) Roffey 50, Denbigh: Cwm Penanner, GR 23/89.47. J. M. Brummitt, 1969, det. P. D. Sell, CGE, NMW. 1st post-1930 record.

558/1/203. *HIERACIUM EBORACENSE* Pugsl. *50, Denbigh: Llanfihangel, GR 23/98.50. J. M. Brummitt, 1969, det. P. D. Sell, CGE, NMW.

558/1/222. *HIERACIUM SALTICOLA* (Sudre) Sell & West *60, W. Lancs.: railway embankment north of Carnforth, GR 34/50.72. G. Halliday (79/70), 1970, det. P. D. Sell & C. West, LANC.

558/1/228. *HIERACIUM ORNATILORUM* Sell & West *60, W. Lancs.: shady verge, Dalton, Burton-in-Kendal, GR 34/5.7. G. Halliday (92/70), 1970, det. P. D. Sell & C. West, LANC. 1st record for the species for 30 years; previously only known from Yorkshire.

561/1. *BALDELLIA RANUNCULOIDES* (L.) Parl. *42, Brecon: bog, 2 miles west of Libanus, GR 22/9.2. 1050 ft. M. Porter, 1970, NMW.

562/1. *LURONIUM NATANS* (L.) Raf. 47, Montgomery: canal, 1½ miles north-east of Guilsfield, GR 33/23.13. V. J. Macnair, 1970, det. F. H. Perring, field record. 2nd record (1st extinct).

†571/1. *LAGAROSIPHON MAJOR* (Ridl.) Moss *35, Monmouth: quarry pool at Gelligroes, GR 31/17.94. A. E. Wade, 1968, NMW. (*Nature Wales*, 11:138 (1969)).

576/2. *ZOSTERA ANGUSTIFOLIA* (Hornem.) Reichb. *73, Kirkcudbright: Auchencairn Bay, GR 25/82.50. O. M. Stewart, 1970, E.

577/6 × 8. *POTAMOGETON* × *NITENS* Weber H15, SE. Galway: river south-west of Kiltartan crossroads and north of Gort, GR 93/4.8. G. Halliday (137/70) & D. A. Webb, 1970, det. J. E. Dandy, BM, LANC, TCD. 1st post-1930 record.

577/7. *POTAMOGETON ALPINUS* Balb. *45, Pembroke: 1.5 km east of Ludchurch, GR 22/15.10. D. A. Cadbury, 1966, det. J. E. Dandy, BM, NMW.

577/13. *POTAMOGETON PUSILLUS* L. *44, Carmarthen: pond, Moat Llandyry, near Kidwelly, GR 22/43.05. I. M. Vaughan, 1970, det. B. Seddon, NMW. H15, SE, Galway: Coole Lough, near Gort, GR 93/4.7. G. Halliday (133/70) & D. A. Webb, 1970, det. J. E. Dandy, BM, LANC. 2nd record.

577/20. *POTAMOGETON FILIFORMIS* Pers. H16, W. Galway: White Isle, Lough Mask, GR 94/1.3. Shallow sandy bay on east side. G. Halliday (121/70) & D. A. Webb, 1970, conf. J. E. Dandy, BM, LANC, TCD. 1st post-1930 record and confirmation of the only v.c. record.

580/1. *ZANNICHELLIA PALUSTRIS* L. *73, Kirkcudbright: Carlingwark Loch, Castle Douglas, GR 25/76.61. E. I. Biggar, 1969, conf. H. Milne-Redhead, field record.

584/1. *NARTHECIUM OSSIFRAGUM* (L.) Huds. 83, Edinburgh: marshes by Cobbinshaw Reservoir, GR 36/01.57. E. P. Beattie, 1968, field record. 2nd record. *84, Linlithgow: Tailend Moss, Bathgate. E. P. Beattie, 1968, E. Raizie Moss, Blackridge, GR 26/87.66. E. P. Beattie, 1970, field record. 2nd record.

597/1. *GAGEA LUTEA* (L.) Ker-Gawl. 83, Edinburgh: Millholm Ford, near Dalhousie, Newtongrange, GR 36/3.6. Woodland bank on R. South Esk. E. B. Basden, 1967, field record. 2nd record.

†605/2. *JUNCUS TENUIS* Willd. *35, Monmouth: colliery tip at Cross Keys, GR 31/21.91. A. E. Wade, 1968, NMW. (*Nature Wales*, 11: 138 (1969)). 36, Hereford: above R. Wye, GR 32/54.15. Grassy cart track. L. E. Whitehead, 1967, field record. 2nd record; not recorded since 1889.

†607/7. *ALLIUM CARINATUM* L. 72, Dumfries: by R. Nith, Dumfries, GR 25/96.76. O. M. Stewart, 1970, DFS. 2nd record.

†607/11. *ALLIUM PARADOXUM* (Bieb.) G. Don *73, Kirkcudbright: woodland by R. Urr, Corbieter, GR 25/79.66. E. I. Biggar, 1969, conf. H. Milne-Redhead, field record.

†620/1. *CROCOSMIA* × *CROCOSMIFLORA* (Lemoine) N. E. Br. *35, Monmouth: roadside near Gelligroes, GR 31/18.95. A. E. Wade, 1968, NMW. (*Nature Wales*, 11: 138 (1969)).

625/4. *EPIPACTIS LEPTOCHILA* (Godfery) Godfery *36, Hereford: Great Doward, GR 32/55.16. Side of track in open woodland. E. Watkins, 1970, det. D. P. Young, field record.

629/1. *NEOTTIA NIDUS-AVIS* (L.) Rich. 2, E. Cornwall: beechwood, Looe, GR 20/24.53. L. J. Margetts, 1969, field record. 1st post-1930 record.

633/1. *CORALLORHIZA TRIFIDA* Chatel. *79, Selkirk: Loch of the Lowes, GR 36/23.19. Willow carr at south end, in two areas, 800 ft. R. W. M. Corner, 1970, field record.

635/1. *COELOGLOSSUM VIRIDE* (L.) Hartm. 82, Haddington: Dirleton, GR 36/5.8. In short grass on golf course south of Yellow Craig. E. P. Beattie, 'for many years', field record. 2nd record.

638/1. *PLATANThERA CHLORANTHA* (Custer) Reichb. 83, Edinburgh: Gladhouse Reservoir, GR 36/30.53. E. P. Beattie, 1968, field record. 2nd record. 84, Linlithgow: Blackburn, GR 26/96. Pasture bordering Easter Inch Moss. E. P. Beattie, 1968, field record. Only known existing locality.

643/3. *DACTYLORHIZA INCARNATA* (L.) Soó 47, Montgomery: marsh, $\frac{3}{4}$ mile south-west of Llanfihangel, GR 33/08.16. H. Webster, 1970, field record. 2nd record.

†646/1. *ACORUS CALAMUS* L. 72, Dumfries: by R. Nith, Dumfries, GR 25/96.76. O. M. Stewart, 1970, field record. 1st post-1930 record.

649/1. *ARUM MACULATUM* L. 82, Haddington: Gifford, by Gifford Water, GR 36/5.6. E. P. Beattie, 'for many years', E. 2nd record.

650/2. *LEMNA TRISULCA* L. *79, Selkirk: Kingside Loch, near Tushielaw, GR 36/34.13. 1150 ft. R. W. M. Corner, 1970, herb. R.W.M.

655/8. *SCIRPUS LACUSTRIS* L. *83, Edinburgh: Cobbinshaw Reservoir, GR 36/0.5. E. P. Beattie, 1967, E. *84, Linlithgow: pond on Tailend Moss, GR 36/0.6. E. P. Beattie, 1967, E.

663/7b. *CAREX LEPIDOCARPA* Tausch subsp. *SCOTICA* E. W. Davies *71, Isle of Man: Strandhall, GR 24/2.6. In alluvial marsh. D. E. Allen, M. Devereau & L. S. Garrad, 1969, det. A. C. Jermy, DGS. The first definite record for this subspecies.

663/20. *CAREX RIPARIA* Curt. 82, Haddington: Danskine Loch, Gifford, GR 36/5.6. E. P. Beattie, 1967, field record. 2nd record.

673/2. *PUCCINELLIA DISTANS* (L.) Parl. *46, Cardigan: sea-wall north-west of Tre'r-ddol, Dovey estuary, GR 22/64.93. G. Halliday (200/70), 1970, LANC, NMW.

675/1. *NARDURUS MARITIMUS* (L.) Murb. *33, E. Gloucs.: Lower Harford, Naunton, GR 42/1.2. On ballast of disused railway line. B. Nash, 1968, conf. E. Philp, field record.

676/11. *POA ANGUSTIFOLIA* L. *35, Monmouth: Newport Docks, GR 31/32.84. A. E. Wade, 1968, NMW. (*Nature Wales*, 11:138 (1969)).

681/2. *MELICA NUTANS* L. 80, Roxburgh: Black Burn, 2 miles north-west of Newcastleton, GR 35/46.89. Rock ledge by waterfall, 650 ft. R. W. M. Corner, 1970, field record. 1st post-1930 record.

687/1. *HORDEUM SECALINUM* Schreb. *†71, Isle of Man: near Ronaldsway, GR 24/2.6. In ley beside Silverburn. L. S. Garrad, 1968, field record.