

Plant Records

Records for publication must be submitted in the form shown below to the appropriate vice-county Recorder (see list of *County Recorders* (1982)), and *not* the Editors. The records must normally be of native or naturalized alien plants belonging to one or more of the following categories: 1st or 2nd v.c. record; 1st post-1930 v.c. record; only extant v.c. record, or 2nd such record; a record of an extension of range by more than 100 km. Such records will also be accepted for the major islands in v.c. 102-104 and 110. Only 1st records can be accepted for *Rubus*, *Hieracium* and hybrids. Records for subdivisions of vice-counties will not be treated separately; they must therefore be records for the vice-county as a whole. Records of *Taraxacum* are now being dealt with separately, by Dr A. J. Richards, and will be published at a later date.

Records are arranged in the order given in the *List of British vascular plants* by J. E. Dandy (1958) and 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.

1/2. LYCOPODIELLA INUNDATA (L.) Holub **70**, Cumberland: eastern Cumberland, GR 35/— R. W. M. Corner, 1983, field record. Only extant record. ***104**, N. Ebudes: Loch Meodal, Sleat, Skye, GR 18/65.11. M. & E. Vickers, 1977, **herb. C. W. Murray**. 1st record for Skye.

†2/2. SELAGINELLA KRAUSSIANA (Kunze) A. Braun ***82**, E. Lothian: Biel Estate, Stenton, GR 36/62.75. Marshy ground. E. P. Beattie, 1957, **E**, det. C. N. Page.

3/2. ISOETES ECHINOSPORA Durieu **92**, S. Aberdeen: Loch of Aboyne, GR 37/53.99. C. Newbold, M. Palmer & P. Marren, 1983, field record. 1st post-1930 record.

4/1. EQUISETUM HYEMALE L. **85**, Fife: Newbigging of Craighall, Ceres, GR 37/41.10. N. F. Stewart, 1983, **herb. G. H. Ballantyne**. 1st record this century, confirms an 1884 record.

4/1 × 4. EQUISETUM HYEMALE L. × E. VARIEGATUM Schleich. ex Weber & Mohr ***67**, S. Northumb.: Chirdon Burn, GR 35/75.82. G. A. Swan, 1961, **herb. G. A. S.**, det. A. C. Jermy & C. N. Page. ***70**, Cumberland: side of River Lyne, Dodgsonstown, Roadhead, GR 35/50.75. G. Halliday, 1982, **LANC**, det. C. N. Page.

4/9 × 5. EQUISETUM ARVENSE L. × E. FLUVIATILE L. ***83**, Midlothian: N. Esk Reservoir, GR 36/57.15. H. McHaffie, 1983, **E**, det. C. N. Page.

7/1. HYMENOPHYLLUM TUNBRIGENSE (L.) Sm. ***75**, Ayr.: Biglees Glen, West Kilbride, GR 26/20.52. B. Simpson, 1982, field record.

15/4. ASPLENium MARINUM L. ***82**, E. Lothian: Bass Rock, GR 36/60.87. Mr McAffer, 1979, **E**.

15/5. ASPLENium TRICHOMANES L. subsp. TRICHOMANES ***44**, Carms.: Craig Cwm Clýd, Mynydd Myddfai, GR 22/79.29. R. N. Stringer & I. K. Morgan, 1982, **NMW**.

16/1. ASPLENium CETERACH L. ***75**, Ayr.: Corbie Craigs Sill, near Dalmellington, GR 26/45.09. Old quarry. B. Simpson, 1973, field record. 1st definite record. †**104**, N. Ebudes: Suardal marble quarries, Skye, GR 18/62.20. Ballast of old tramway. M. Gregory, 1981, field record. 2nd record, 1st record for Isle of Skye.

21/2aff. DRYOPTERIS AFFINIS (Lowe) Fraser-Jenkins subsp. AFFINIS ***44**, Carms.: Stradey Woods, Llanelli, GR 22/49.01. I. K. Morgan, 1982, **NMW**, det. C. R. Fraser-Jenkins.

21/2bor. *DRYOPTERIS AFFINIS* (Lowe) Fraser-Jenkins subsp. *BORRERI* (Newman) Fraser-Jenkins *44, Carms.: Cwm Mawr, Llanelli, GR 22/48.02. I. K. Morgan, 1982, NMW, det. C. R. Fraser-Jenkins.

21/2sti. *DRYOPTERIS AFFINIS* (Lowe) Fraser-Jenkins subsp. *STILLUPENSIS* (Sabransky) Fraser-Jenkins *44, Carms.: Craig Cwm Clŷd, Mynydd Myddfai, GR 22/79.29. I. K. Morgan, 1982, NMW, det. C. R. Fraser-Jenkins.

21/6. *DRYOPTERIS CARTHUSIANA* (Vill.) H. P. Fuchs 107, E. Sutherland: Strathsteven, GR 29/8.0. B.S.B.I. Field Meeting, 1983, field record. 2nd record.

21/7 × 6. *DRYOPTERIS DILATATA* (Hoffm.) A. Gray × *D. CARTHUSIANA* (Vill) H. P. Fuchs *44, Carms.: Talley, GR 22/63.33. I. K. Morgan, 1982, NMW, conf. C. R. Fraser-Jenkins.

22/2 × 1. *POLYSTICHUM ACULEATUM* (L.) Roth × *P. SETIFERUM* (Forsk.) Woynar *44, Carms.: Cwm Clydach, Trimsaran, GR 22/44.07. I. K. Morgan, 1983, NMW, conf. P. M. Benoit. *104, N. Ebuades: Leac nan Craobh, Torrin, Skye, GR 18/57.20. M. Barron, 1976, herb. C. W. Murray, det. P. D. Sell & A. Sleep. 1st record for Isle of Skye.

24/2. *THELYPTERIS THELYPTEROIDES* (Michx) Holub subsp. *GLABRA* Holub *42, Brecks.: N. of Llanfihangel-nant-Bran, GR 22/9.3. Upland mire. R. G. Woods, 1983, NMW. 73, Kirkcudbrights.: Preston Merse, GR 25/94.55. O. M. Stewart, 1979, E. 2nd extant record.

25/1. *POLYPODIUM VULGARE* L. s.str. 25, E. Suffolk: Bentley, Dodnash Wood, GR 62/10.36. E. M. Hyde, 1983, herb. E. M. H., conf. R. H. Roberts. 2nd record. 26, S. Suffolk: Polstead, GR 52/99.40. E. M. Hyde, 1983, herb. E. M. H., conf. R. H. Roberts. 2nd record.

25/int. × 1. *POLYPODIUM INTERJECTUM* Shivas × *P. VULGARE* L. *25, E. Suffolk: Bentley, Dodnash Wood, GR 62/10.36. East Bergholt, GR 62/08.34. Both E. M. Hyde, 1983, herb. E. M. H., det. R. H. Roberts. 1st and 2nd records. 26, W. Suffolk: Polstead, GR 52/99.40. E. M. Hyde, 1983, herb. E. M. H., det. R. H. Roberts.

†27/1. *AZOLLA FILICULOIDES* Lam. *47, Monts.: Berriew, GR 33/1.0. Canal. C. J. Harris, 1981, field record. Wernllwyd, GR 33/20.02. Canal. M. Wainwright & E. D. Pugh, 1981, field record. 1st and 2nd records.

28/1. *BOTRYCHIUM LUNARIA* (L.) Sw. 73, Kirkcudbrights.: New Galloway, GR 25/60.75. Golf course. V. McClure, 1972, field record. Only extant record.

29/1. *OPHIOGLOSSUM VULGATUM* L. 104, N. Ebuades: Drinan, Strathaird, Skye, GR 18/54.13. C. W. Murray, 1980, herb. C. W. M. 2nd record.

35/1. *TAXUS BACCATA* L. *48, Merioneth: Dduallt, GR 23/8.2. Ledge of acidic mountain cliff. P. M. Benoit & A. O. Chater, 1970, field record. 1st record in a natural habitat.

38/1. *HELLEBORUS FOETIDUS* L. †*81, Berwicks.: Gateheugh, S.S.S.I., GR 36/59.34. A. G. & D. G. Long, 1973, field record.

38/2. *HELLEBORUS VIRIDIS* L. 43, Rads.: Llanbadarn-y-garreg, GR 32/10.49. Woodland. R. & R. Key, 1983, field record. 2nd record.

46/10. *RANUNCULUS AURICOMUS* L. 45, Pems.: Manorbier, GR 21/06.98. Woodland. M. Higgins, 1982, NMW. 2nd record. *46, Cards.: Llechryd, GR 22/21.43. Roadside bank. S. B. Evans, 1983, field record.

46/19. *RANUNCULUS FLUITANS* Lam. 59, S. Lancs.: Bradshaw Brook, Jumbles, Bolton, GR 34/73.13. A. J. Percy, 1982, field record. 2nd record, 1st record for over 100 years.

46/24bul. *RANUNCULUS FICARIA* L. subsp. *BULBIFER* Lawalrée *74, Wigtowns.: Portpatrick, GR 15/99.54. A. J. Silverside, 1981, field record.

57/1. *CERATOPHYLLUM DEMERSUM* L. 43, Rads.: Stanage Park, GR 32/33.71. Ornamental lake. R. G. Woods, 1983, field record. 2nd record.

58/5. *PAPAVER ARGEMONE* L. *107, E. Sutherland: Dornoch Links, GR 28/80.88. B.S.B.I. Field Meeting, 1983, field record.

- 62/1. CHELIDONIUM MAJUS L. †94, Banffs.: Gordon Castle, Fochabers, GR 38/35.59. Waste ground by farm buildings. M. McC. Webster, 1982, field record. 2nd record.
- †65/2. CORYDALIS BULBOSA (L.) DC. *57, Derbys.: Risley, GR 43/46.35. Woodland. G. Smith, 1983, **DBY**.
- 66/3. FUMARIA PURPUREA Pugsl. 68, Cheviot: Embeton, GR 46/23.22. Disused Quarry. G. A. & M. Swan, 1983, **herb. G. A. S.** 1st post-1930 record.
- 66/7. FUMARIA DENSIFLORA DC. *81, Berwicks.: Burnmouth, GR 36/96.60. Railway cutting. N. Stewart, 1979, **herb. M. E. Braithwaite**. Haigsfield, GR 36/81.39. Arable field. M. E. Braithwaite, 1979, **herb. M. E. B.** 1st and 2nd records.
- 69/1. RHYNCHOSINAPIS MONENSIS (L.) Dandy 59, S. Lancs.: Birkdale, Southport, GR 34/31.16. Old dunes. P. Smith, 1983, field record. 2nd record.
- †72/1. DILOTAXIS MURALIS (L.) DC. *93, N. Aberdeen: Fraserburgh, GR 48/00.65. Rubbish dump. D. Welch, 1983, **ABD**.
- 72/2. DILOTAXIS TENUIFOLIA (L.) DC. *47, Monts.: Welshpool Railway Station, GR 33/22.07. I. C. Trueman & P. M. Benoit, 1982, field record.
- 74/2. RAPHANUS MARITIMUS Sm. *46, Cards.: Cardigan Island, GR 22/16.51. T. A. W. Davis, 1968, field record. 1st definite record.
- †74/3. RAPHANUS SATIVUS L. *45, Pembs: Strumble Head, GR 12/89.39. B. S. Leggett, 1982, **NMW**.
- †79/1. LEPIDIUM SATIVUM L. *45, Pembs.: Pembroke Dock, GR 12/95.03. Waste ground. J. P. Curtis, 1982, **NMW**, conf. R. G. Ellis.
- 84/1. THLASPI ARVENSE L. 43, Rads.: by River Ithon, near Penybont, GR 32/11.64. C. A. Chadwell, 1982, field record. 2nd record.
- 88/5 × 1. COCHLEARIA DANICA L. × C. OFFICINALIS L. *82, E. Lothian: N. of Gullane, GR 36/49.85. A. J. Silverside, 1982, **E.** 1st definite record.
- †90/2. BUNIAS ORIENTALIS L. 80, Roxburghs.: W. of Melrose Station, GR 36/54.33. Side of old railway track. R. W. M. Corner, 1983, **herb. R. W. M. C.**, det. D. R. McKean. 1st record since 1915.
- †92/1. LOBULARIA MARITIMA (L.) Desv. 47, Monts.: Dol-las near Forden, GR 33/20.00. Gravelly bank of River Severn. J. Roper & M. Wainwright, 1982, field record. 2nd record.
- 94/4. DRABA MURALIS L. *17, Surrey: Epsom, GR 51/23.58. J. Byatt & E. C. Wallace, 1983, field record. 43, Rads.: Stanage Park, GR 32/32.71. R. G. Woods, 1983, **NMW**. 2nd record.
- 95/2spa. EROPHILA VERNA (L.) Chevall. Subsp. SPATHULATA (A. F. Lang) Walters *84, W. Lothian: near Queensferry, GR 36/10.79. Coastal turf. A. J. Silverside, 1981, **herb. A. J. S.**
- 97/2. CARDAMINE AMARA L. 29, Cambs.: Isleham, GR 52/64.75. C. Turner, 1982, field record. 1st record since 1879.
- 102/3. RORIPPA SYLVESTRIS (L.) Bess. 96, Easterns: Daviot, GR 28/72.39. M. Barron, 1983, field record. 2nd record.
- †110/1. CAMELINA SATIVA (L.) Crantz *45, Pembs.: Pembroke Dock, GR 12/95.03. Waste ground. J. P. Curtis, 1982, **NMW**, conf. R. G. Ellis.
- 112/1. RESEDA LUTEOLA L. 72, Dumfriess.: Corsehill Dump, GR 35/20.69. Old sandstone quarry. H. Darke & E. Pringle, 1983, **DFS**, det. J. D. S. Martin. 1st record this century.
- 113/5. VIOLA REICHENBACHIANA Jord. ex Bor. 45, Pembs.: Manorbier, GR 21/06.98. M. Higgins, 1982, **NMW**. 2nd record.
- 113/8. VIOLA PERSICIFOLIA Schreber 29, Cambs.: Wicken Fen, GR 52/54.70. and GR 52/56.70. T. A. Rowell, 1982, **CGE**, conf. S. M. Walters. 1st records since 1916.

115/1. *HYPERICUM ANDROSAEMUM* L. **95**, Moray: Darnaway, Forres, GR 38/01.53. Shingle of River Findhorn. M. McC. Webster, 1980, field record. 2nd record.

115/6. *HYPERICUM MACULATUM* Crantz ***93**, N. Aberdeen: Delgatie, GR 38/76.50. Roadside. D. Welch, 1983, **ABD**.

122/1. *ELATINE HEXANDRA* (Lapierre) DC. **92**, S. Aberdeen: N.W. end of Loch Kinord, GR 37/43.99. D. Spence, 1964, field record. 1st post-1930 record.

†123/8. *SILENE ARMERIA* L. ***82**, E. Lothian: St Baldred's Cradle, Tynninghame, GR 36/63.81. Near high water mark below dune cliff. I. M. Strachan, 1982, **E**, conf. D. R. McKean.

†129/ocy. *SAPONARIA OCYMOIDES* L. ***41**, Glam.: Pencoed, GR 21/9.8. Spontaneous garden weed. H. J. Dawson, 1983, **NMW**, det. S. G. Harrison.

131/2. *CERASTIUM ARVENSE* L. **69**, Westmorland: Barrow-in-Furness, GR 34/21.68. Waste ground. G. Halliday, 1983, **LANC**. Only extant record. **81**, Berwicks.: Birgham, GR 36/79.38. M. E. Braithwaite, 1983, **herb. M. E. B.** 1st post-1930 record.

†131/3. *CERASTIUM TOMENTOSUM* L. ***95**, Moray: Lossiemouth, GR 38/23.69. Roadside verge by old quarry. M. McC. Webster, 1982, **E**.

131/12. *CERASTIUM SEMIDECANDRUM* L. **81**, Berwicks.: Hume Castle, Old Cambus, St Abbs, GR 36/70.40. M. E. Braithwaite, 1983, **herb. M. E. B.** 1st post-1930 record.

133/1. *STELLARIA NEMORUM* L. ***43**, Rads.: near Cabalva, GR 32/23.46. Woodland. R. G. Woods, 1983, field record.

133/3. *STELLARIA PALLIDA* (Dumort.) Piré ***81**, Berwicks.: Greenheugh Point, GR 36/80.70. Seashore. O. M. Stewart, 1979, **E**.

133/6. *STELLARIA PALUSTRIS* Retz. **85**, Fife: Woodhead Mire, by Black Loch, GR 37/26.15. S. J. Leach, 1982, field record. 2nd extant record.

135/1. *MOENCHIA ERECTA* (L.) Gaertn., Mey. & Scherb. **44**, Carms.: Mandinam, Llangadog, GR 22/73.28. R. G. Woods, 1983, field record. 1st record since 1908. **45**, Pembs.: Manorbier, GR 21/05.97. Cliff grassland. J. P. Curtis, 1983, **NMW**. 2nd record.

136/1. *SAGINA APETALA* Ard. ***93**, N. Aberdeen: Fraserburgh, GR 48/00.65. D. Welch, 1983, **ABD**.

137/4. *MINUARTIA HYBRIDA* (Vill.) Schischk. **†*48**, Merioneth: near Llangower, GR 23/9.3. Railway bank. J. Fryer, 1983, **NMW**.

†141/6. *ARENARIA BALEARICA* L. ***43**, Rads.: Maesgwynne, Howey, GR 32/06.56. In stockyard. R. G. Woods, 1983, field record.

146/1. *HERNIARIA GLABRA* L. **6**, N. Somerset: Weston-super-Mare, GR 31/31.60. A. J. Byfield, M. A. R. & C. Kitchen, 1983, field record. Confirms 1791 and 1946 records.

148/1. *SCLERANTHUS ANNUUS* L. **82**, E. Lothian: Sheriff Hall, near North Berwick, GR 36/56.81. E. H. Jackson & A. J. Silverside, 1982, field record. 2nd record.

149/1b. *MONTIA FONTANA* L. subsp. *CHONDROSPERMA* (Fenzl) Walters ***47**, Monts.: above Garreg Bank, GR 33/28.11. Rocky outcrops in fields. F. H. Perring, 1980, field record. 1st definite record.

†149/2. *MONTIA PERFOLIATA* (Willd.) Howell ***94**, Banffs.: Gordon Castle, Fochabers, GR 38/35.59. Garden weed. M. McC. Webster, 1982, field record.

†153/3. *AMARANTHUS ALBUS* L. ***57**, Derbys.: Alvaston, Derby, GR 43/38.33. Garden weed. J. Ogden, 1983, field record.

159/1. *SALSOLA KALI* L. **67**, S. Northumb.: Druridge Bay, GR 45/27.99. G. A. Swan, 1983, field record. 1st record for over 100 years.

†**ABUTILON THEOPHRASTI** Medicus **41**, Glam.: Cardiff Docks, GR 31/19.75. Waste ground.

G. S. Walters, 1983, **NMW**. 2nd record. *43, Rads.: Llanfaredd, GR 32/06.50. Cultivated field.
F. M. Slater, 1983, **NMW**.

†**HIBISCUS TRIONUM** L. 41, Glam.: Cardiff Docks, GR 31/19.75. Waste ground. G. S. Walters, 1982, **NMW**. 2nd record, 1st post-1930 record.

168/2. **GERANIUM SYLVATICUM** L. *57, Derbys.: Nutwood, near Ravister Rocks, Brassington, GR 43/21.55. Carboniferous limestone woodland. G. Challenger, 1980, **DBY**, det. E. Milne-Redhead & G. A. Matthews. *101, Kintyre: near Loch nan Torran, Ormsary, GR 16/77.70. B. H. Thompson, 1982, field record.

†168/3 × 4. **GERANIUM ENDRESSII** Gay × **G. VERSICOLOR** L. *48, Merioneth: between Corris and Aberllefenni, GR 23/7.0. Roadside. I. K. Morgan, 1982, **NMW**, det. P. M. Benoit.

†168/6. **GERANIUM PHAEUM** L. 73, Kirkcudbrights.: by Loch Milton, GR 25/83.71. O. M. Stewart, 1983, field record. 2nd record.

168/12. **GERANIUM ROTUNDIFOLIUM** L. *82, E. Lothian: Rugged Knowes, Milsey Bay, North Berwick, GR 36/56.85. E. P. Beattie, 1977, E. W. of Carlekemp Plantation, North Berwick, GR 36/53.85. O. M. Stewart, 1983, field record. 1st and 2nd records.

†170/2. **OXALIS CORNICULATA** L. *99, Dunbarton: Victoria Street, Dumbarton, GR 26/40.74. E. R. Brock, 1983, field record, conf. A. McG. Stirling.

†170/4. **OXALIS EUROPAEA** Jord. *99, Dunbarton: Helensburgh, GR 26/30.82. A. Rutherford, 1982, field record, conf. A. McG. Stirling.

†172/1. **AILANTHUS ALTISSIMA** (Mill.) Swingle 25, E. Suffolk: Henham, GR 62/46.76. Naturalized extensively in woodland. P. G. Lawson, 1982, field record. Beccles, GR 62/41.89. P. G. Lawson, 1982, field record. 1st and 2nd records.

†183/pol. **LUPINUS POLYPHYLLUS** Lindley *107, E. Sutherland: Strathsteven, 3 miles E. of Golspie, GR 29/88.01. B.S.B.I. Field Meeting, 1983, field record.

†184/alp. **LABURNUM ALPINUM** (Miller) Berchtold & J. Presl *70, Cumberland: W. of Pooley Bridge Pier, Ullswater, GR 35.46.24. Roadside. R. W. M. Corner, 1983, **LANC**.

185/2. **GENISTA ANGLICA** L. *107, E. Sutherland: The Mound, GR 28/77.99. J. K. Butler, 1982, field record. Dornoch Links, GR 28/80.88. B.S.B.I. Field Meeting, 1983, field record. 1st and 2nd records.

†190/1 × 2. **MEDICAGO FALCATA** L. × **M. SATIVA** L. *82, E. Lothian: Preston Grange, Prestonpans, GR 36/37.74. O. M. Stewart, 1980, **E**.

190/5. **MEDICAGO POLYMORPHA** L. †*69, Westmorland: by River Mint, Mealbank, Kendal, GR 34/5.9. C. E. Wild, 1983, field record, det. G. Halliday.

191/3. **MELILOTUS ALBA** Medic. 43, Rads.: Buih Road, GR 32/02.53. Station yard. R. G. Woods, 1983, field record. 2nd record.

192/16. **TRIFOLIUM SUFFOCATUM** L. 6, N. Somerset: Weston-super-Mare, GR 31/31.60. Sea-front lawn. R. Fitzgerald, 1983, **BRIST**, conf. D. E. Coombe. Rediscovery of record of c. 1850.

192/24. **TRIFOLIUM MICRANTHUM** Viv. 83, Midlothian: Royal Botanic Garden Nursery, GR 36/24.75. Lawn. N. Bishop, 1970, **E**. 1st post-1930 record.

192/occ. **TRIFOLIUM OCCIDENTALE** D. E. Coombe *4, N. Devon: Welcombe Mouth, GR 21/21.18. Maritime cliff. J. N. B. Milton, 1983, **CGE**, conf. D. E. Coombe.

200/3. **ASTRAGALUS GLYCYPHYLLOS** L. 81, Berwicks.: at junction of Ale and Eye Waters, GR 36/94.62. M. E. Braithwaite, 1978, **herb. M. E. B.** 1st post-1930 record.

206/2. **VICIA TETRASPERMA** (L.) Schreb. *81, Berwicks.: Newton near Swinton, GR 36/85.48. Disused sandstone quarry. M. E. Braithwaite, 1982, **herb. M. E. B.** 1st definite record.

†207/5. **LATHYRUS TUBEROSUS** L. *50, Denbs.: Marford Quarry, GR 33/35.55. A. G. Spencer, 1982, **NMW**.

- †207/8. *LATHYRUS LATIFOLIUS* L. *73, Kirkcudbrights.: near Southerness, GR 25/97.54. O. M. Stewart, field record. *107, E. Sutherland: Dornoch Links, GR 28/80.88. B.S.B.I. Field Meeting, 1983, field record.
- †207/gra. *LATHYRUS GRANDIFLORUS* Sibth. & Sm. *83, Midlothian: Ratho, GR 36/13.70. O. M. Stewart, 1977, E. *99, Dunbarton: Clyde shore near Dalmuir, GR 26/47.71. Waste ground. A. McG. Stirling, 1979, field record.
- †208/1. *PHYSOCARPUS OPULIFOLIUS* (L.) Maxim. *85, Fife: The Wilderness, Ladybank, GR 37/32.10. G. H. Ballantyne, 1975, field record.
- †209/2 × 1. *SPIRAEA DOUGLASII* Hook × *S. SALICIFOLIA* L. *99, Dunbarton: near Erskine Bridge, Old Kilpatrick, GR 26/46.72. Canal bank. A. McG. Stirling, 1980, E, conf. A. J. Silverside.
- †209/2. *SPIRAEA DOUGLASII* Hook. 73, Kirkcudbrights.: Knockbex, GR 25/58.49. O. M. Stewart, 1983, field record. 2nd record. *78, Peebles.: Neidpath/Haylodge Park, Peebles, GR 36/23.40. Bank of River Tweed. D. J. McCosh, 1980, herb. D. J. McC., det. A. J. Silverside. *99, Dunbarton: Craggan, Loch Long, GR 26/26.99. Roadside. A. McG. Stirling, 1980, E, conf. A. J. Silverside.
- †209/alb. *SPIRAEA ALBA* Duroi *99, Dunbarton: Rosneath, GR 26/25.82. Roadside. A. McG. Stirling, 1979, field record, conf. A. J. Silverside.
- †209/jap. *SPIRAEA JAPONICA* L. fil. *41, Glam.: Merthyr Mawr, GR 21/87.77. S. Waldron & G. Ellis, 1982, NMW.
- 211/6 × 9. *RUBUS CAESIUS* L. × *R. IDAEUS* L. *17, Surrey: Great Bookham Common, GR 51/13.56. A. C. Leslie, 1982, field record, conf. A. Newton.
- †211/8. *RUBUS SPECTABILIS* Pursh *74, Wigtowns.: Stranraer, GR 25/04.62. D. Irvine, 1981, GLAM, det. A. J. Silverside. *93, N. Aberdeen: Rathen, GR 48/00.59. R. Bell, 1975, field record, det. M. McC. Webster. Turriff, GR 38/70.51. D. Welch, 1983, ABD. 1st and 2nd records.
- 211/11/9. *RUBUS AFFINIS* Weihe & Nees *42, Brecc.: Abercraf, GR 22/83.12. M. Porter, 1983, herb. M. P., det. A. Newton.
- 211/11/18. *RUBUS LATIFOLIUS* Bab. *78, Peebles.: Glack Farm, Kirkton Manor, GR 36/21.37. D. J. McCosh, 1983, herb. D. J. McC., det. A. Newton.
- †211/11/54. *RUBUS LACINIATUS* Willd. *70, Cumberland: Scotby, Carlisle, GR 35/4.5. Railway siding. R. Graham, 1940, CLE, det. A. Newton.
- 211/11/80. *RUBUS PYRAMIDALIS* Kalt. *69, Westmorland: N. W. of Moss House, Chapels, Furness, GR 34/22.84. G. Halliday & A. Newton, 1983, LANC.
- 211/11/99. *RUBUS SEPTENTRIONALIS* W. C. R. Wats. *78, Peebles.: Leithen Water, above Huthope, GR 36/28.45. D. J. McCosh, 1983, herb. D. J. McC., det. A. Newton. *101, Kintyre: Knapdale Forestry Ground, near Barnluasgan, GR 16/7.9. A. G. Kenneth, 1980, herb. A. G. K., det. E. S. Eedes.
- 211/11/126. *RUBUS ERRABUNDUS* W. C. R. Wats. *78, Peebles.: Easter Happrew, 1 mile N.N.W. of Stobo, GR 36/19.39. D. J. McCosh, 1983, herb. D. J. McC., det. A. Newton. *101, Kintyre: Kilmichael of Inverlussa, GR 16/77.86. A. G. Kenneth, 1980, herb. A. G. K., det. E. S. Eedes.
- 211/11/146. *RUBUS SPRENGELII* Weihe *75, Ayr.: Loch Ryan shore, near mouth of Water of App, GR 25/05.72. A. McG. Stirling, 1982, E.
- 211/11/182. *RUBUS MUCRONULATUS* Bor. *70, Cumberland: Banks, N.E. of Brampton, GR 35/56.64. A. Newton, 1976, field record.
- 211/11/191. *RUBUS LEYANUS* Rogers *35, Mons.: Glanau Wood, Trellech, GR 32/49.07. A. Newton, 1983, field record.
- 211/11/252. *RUBUS EURYANTHEMUS* W. C. R. Wats. *42, Brecc.: Penrhos, GR 22/79.11. M. Porter, 1983, herb. M. P., det. A. Newton.

211/11/297. *RUBUS RADULOIDES* (Rogers) Sudre *73, Kirkcudbrights.: Richorn, Dalbeattie, GR 25/83.59. O. M. Stewart & A. Newton, 1982, field record.

211/11/315. *RUBUS FURVICOLOR* Focke *101, Kintyre: Cairnbarne, GR 16/8.9. A. G. Kenneth, 1980, **herb. A. G. K.**, det. E. S. Edees.

212/12. *POTENTILLA CRANTZII* (Crantz) G. Beck ex Fritsch 104, N. Ebeudes: Ben Suardal, Skye, GR 18/63.20. C. W. Murray, A. A. P. Slack & A. McG. Stirling, 1981, **herb. C. W. M.**, conf. H. J. B. Birks. 1st record for Isle of Skye.

212/14 × 15. *POTENTILLA ANGLICA* Laichard. × *P. REPTANS* L. *93, N. Aberdeen: Leith Hall, Kennethmont, GR 38/54.29. Lawn. M. McC. Webster, 1982, **E.**

†214/1. *DUCHESNEA INDICA* (Andr.) Focke 41, Glam.: Cardiff, GR 31/19.78. Spontaneous garden weed. D. B. Sanday, 1983, **NMW**, det. R. G. Ellis. 2nd record.

220/3/1. *ALCHEMILLA GLAUCESENS* Wallr. †*81, Berwicks.: Oldcastles, Chirnside, GR 36/85.58. Disused railway cutting. M. E. Braithwaite, 1982, **herb. M. E. B.**, det. M. E. Bradshaw.

222/1. *SANGUISORBA OFFICINALIS* L. 81, Berwicks.: Bemerside Moss S.S.S.I., GR 36/60.33. Wet meadow. M. E. Braithwaite, 1978, field record. 1st post-1930 record.

223/1. *SANGUISORBA MINOR* Scop. subsp. *MINOR* †*48, Merioneth: Morfa Mawddach, GR 23/6.1. Ballast of old railway track. K. M. & P. M. Benoit, 1981, **NMW**. 1st definite record.

†223/2. *SANGUISORBA MINOR* Scop. subsp. *MURICATA* Briq. *67, S. Northumb.: Wylam, GR 45/12.64. Disused railway track. G. A. Swan, 1983, **herb. G. A. S.**

†225/5. *ROSA RUGOSA* Thunb. *99, Dunbarton: Ardmore Point, GR 26/31.78. Shore. A. McG. Stirling, 1971, field record.

225/8 × 15. *ROSA CANINA* L. × *R. MICRANTHA* Borrer ex Sm. *42, Brecks.: Talgarth, GR 32/16.32. M. Porter, 1979, **herb. M. P.**, det. R. Melville.

225/12. *ROSA SHERARDII* Davies *26, W. Suffolk: Gt Barton, GR 52/89.66. I. M. Vaughan, 1982, **IPS**.

†226/5. *PRUNUS CERASUS* L. *29, Cambs.: Cherry Hinton, GR 52/48.55. Chalk pit. S. M. Walters, 1982, **CGE**. 1st definite record.

†232/4. *SORBUS INTERMEDIA* (Ehrh.) Pers. 107, E. Sutherland: Dornoch Links, GR 28/80.88. B.S.B.I. Field Meeting, 1983, field record. 2nd record.

†237/hel. *CRASSULA HELMSII* (T. Kirk) Cockayne *34, W. Gloucs.: N.E. of Coleford, Dean, GR 32/58.12. S. H. Bishop, 1983, **herb. S. H. B.**

246/2. *RIBES SPICATUM* Robson *80, Roxburghs.: Kershope Burn, below Kershope Bridge, GR 35/48.82. F. J. Roberts, 1981, **herb. R. W. M. Corner**, det. D. R. McKean. 94, Banffs.: Marypark, GR 38/18.38. Bank of river. M. McC. Webster, 1982, field record. 2nd record.

†*OSMARONIA CERASIFORMIS* (Torr. & Gr.) Greene *35, Mons.: Tintern, GR 31/53.99. Site of derelict garden. M. & C. Kitchen, 1983, field record.

†254/6. *EPILOBIUM CILIATUM* Raf. *104, N. Ebeudes: Druimfearn, GR 18/69.16. Waste ground. M. McC. Webster, 1978, **E.**

†256/cam. *OENOTHERA CAMBRICA* Rostański 12, N. Hants.: Aldershot, GR 41/87.51. A. Mundell, 1980, **herb. K. Rostański**, det. K. R. 2nd record.

†256/fal. *OENOTHERA FALLAX* Renner emend. Rostański *29, Cambs.: near Earith, GR 52/3.7. J. S. L. Gilmour, S. M. Walters & P. D. Sell, 1951, **CGE**, det. K. Rostański. Between Hauxton and Trumpington, GR 52/4.5. P. D. Sell, 1952, **CGE**. 1st and 2nd records.

†256/per. *OENOTHERA PERANGUSTA* Gates [*12, N. Hants.: *Watsonia*, 13:334 (1981), has been redetermined as *O. cambrica*.]

†256/sal. *OENOTHERA SALICIFOLIA* Desf. ex G. Don *51, Flints.: Mold, GR 33/2.6. Waste ground. G. Wynne, 1962, **herb. G. W.**, det. K. Rostański.

- †260/1. *GUNNERA TINCTORIA* (Molina) Mirb. *57, Derbys.: Chisworth, GR 33/99.99. Woodland. J. Hawksford, 1982, field record.
- 261/1. *HIPPURIS VULGARIS* L. *45, Pembs.: West Williamston, GR 22/03.05. Pool in limestone quarry. S. B. Evans, 1983, field record. [*45, Pembs.: *Watsonia*, 11: 395 (1977) is now considered to be erroneous.] 104, N. Ebudes: Allt Port na Cullaidh, Elgol Skye, GR 18/53.14. M. Gregory, 1981, field record. 2nd record for Isle of Skye.
- 262/3. *CALLITRICHE OBTUSANGULA* Le Gall *47, Monts.: Nant Droppings, near Dylife, GR 22/85.94. Old reservoir. A. J. Morton, 1980, field record. Dol-las, near Forden, GR 33/20.00. Pools behind gravelly bank of River Severn. M. Wainwright, 1980, field record. 1st and 2nd records.
- 262/5. *CALLITRICHE HERMAPHRODITICA* L. 107, E. Sutherland: Loch Evelix, 4 miles E. of Dornoch, GR 28/73.87. B.S.B.I. Field Meeting, 1983, field record. 2nd record.
- 272/2. *ERYNGIUM CAMPESTRE* L. 6, N. Somerset: near Bath, GR 31/7.5. Rough grassland. R. Hurst, 1968, field record, relocated by R. G. B. Roe, 1983, 1st post-1930 record.
- 277/3. *TORILIS NODOSA* (L.) Gaertn. 81, Berwicks.: St Abbs Head N.N.R., GR 36/91.68. M. E. Braithwaite, 1983, **herb. M. E. B.** 1st post-1930 record. 82, E. Lothian: Sheriff Hall, near North Berwick, GR 36/56.81. E. H. Jackson & A. J. Silverside, 1982, field record. 1st post-1930 record.
- 287/1. *SISON AMOMUM* L. 47, Monts.: Forden, GR 32/2.9. Hedgebank of wet field. J. Roper, 1983, field record. 1st definite record for 50 years.
- 298/1. *CRITHMUM MARITIMUM* L. *101, Kintyre: Rudha a'Mharaich, GR 16/58.12. B. H. Thompson, 1982, field record.
- †309/3. *PEUCEDANUM OSTRUTHIUM* (L.) Koch 80, Roxburghs.: Billhope, Hermitage, GR 35/44.97. Naturalized near old cottage. R. W. M. Corner, 1983, **herb. R. W. M. C.** 1st record since 1873.
- 319/11. *EUPHORBIA EXIGUA* L. 59, S. Lancs.: Southport, GR 34/33.17. Garden weed. V. Gordon, 1982, field record. 1st post-1930 record.
- †319/16. *EUPHORBIA CYPARISSIAS* L. 84, W. Lothian: near Philipstoun, GR 36/05.76. O. M. Stewart, 1980, field record. 1st post-1930 record.
- 319/17. *EUPHORBIA AMYGDALOIDES* L. *43, Rads.: Stanner, GR 32/26.57. C. A. Chadwell, 1982, field record. Worsell Wood, GR 32/25.58. Forestry track. R. G. Woods, 1983, field record. 1st and 2nd records.
- 320/12. *POLYGONUM HYDROPIPER* L. 84, W. Lothian: Linlithgow Loch, GR 36/0.7. O. M. Stewart, 1980, field record. 1st post-1930 record.
- 320/13. *POLYGONUM MITE* Schrank *67, S. Northumb.: Ramshope Burn, near Catcleugh Reservoir, GR 36/73.03. G. A. Swan, 1959, **herb. G. A. S.**, det. J. R. Akeroyd. 1st definite record.
- 320/14. *POLYGONUM MINUS* Huds. *67, S. Northumb.: Broomlee Lough, GR 35/79.69. G. A. & M. Swan, 1968, **herb. G. A. S.**
- †320/20. *REYNOUITRIA SACHALINENSIS* (Friedrich Schmidt Petrop.) Nakai 43, Rads.: Howey, GR 32/05.58. R. G. Woods, 1983, field record. 2nd record.
- †320/21. *POLYGONUM POLYSTACHYUM* Wall. ex Meisn. 25, E. Suffolk: Benhall, GR 26/38.61. A. F. Leverett, 1982, field record. 2nd record.
- †320/22. *POLYGONUM CAMPANULATUM* Hook. f. *74, Wigtowns.: Drummore, GR 25/13.37. Coastal scrub, well naturalized. A. J. Silverside, 1981, **GLAM.**
- †320/aub. *FALLOPIA AUBERTII* (Louis Henry) J. Holub *74, Wigtowns.: Monreith, GR 25/36.40. Cliff-top scrub, well naturalized. A. J. Silverside, 1981, **GLAM.**
- 325/1/3. *RUMEX TENUIFOLIUS* (Wallr.) Löve *69, Westmorland: Flodding Hill, Holmscales,

New Hutton, GR 34/56.86. Rocky outcrops. G. Halliday, 1982, **LANC**, det. D. H. Kent. *75, Ayr: Bogside, Stevenson, GR 26/31.40. Sandy waste ground. A. McG. Stirling, 1979, **E**.

325/7 × 11. *RUMEX AQUATICUS* L. × *R. CRISPUS* L. *99, Dunbarton: near Ross Priory, Loch Lomond, GR 26/41.87. Near loch shore with putative parents. J. Mitchell, 1976, field record, conf. D. H. Kent. 1st record for the British Isles.

325/8. *RUMEX LONGIFOLIUS* DC. 83, E. Lothian: E. of Drem, GR 36/53.79. Roadside verge. A. J. Silverside & E. H. Jackson, 1982, field record. 2nd record, 1st post-1930 record.

325/8 × 12. *RUMEX LONGIFOLIUS* DC. × *R. OBTUSIFOLIUS* L. *73, Kirkcudbrights.: by the B7000, N. of Nethercleugh, GR 25/61.86. O. M. Stewart, 1983, **E**.

†325/9 × 12. *RUMEX CRISTATUS* DC. × *R. OBTUSIFOLIUS* L. *35, Mons.: Rumney, Cardiff, GR 31/20.79. River bank. G. S. Walters, 1983, field record. *41, Glam.: Rumney, Cardiff, GR 31/20.79. River bank. G. S. Walters, 1982, **NMW**, det. D. H. Kent.

325/11 × 12. *RUMEX CRISPUS* L. × *R. OBTUSIFOLIUS* L. *70, Cumberland: Whitehaven, GR 25/98.17. Allotment. C. C. Haworth, 1982, **herb. C. C. H.**, det. D. H. Kent. *82, E. Lothian: Sheriff Hall, GR 36/56.81. A. J. Silverside & E. H. Jackson, 1982, **E**.

325/12 × 14. *RUMEX OBTUSIFOLIUS* L. × *R. SANGUINEUS* L. *82, E. Lothian: Dunglass Estate, GR 36/76.72. A. J. Silverside, 1983, **E**.

330/2. *ULMUS PROCERA* Salisb. †*94, Banffs.: Gordon Castle, Fochabers, GR 38/35.59. M. McC. Webster, 1982, field record.

†331/1. *FICUS CARICA* L. *49, Caerns.: Edeyrn, GR 23/2.3. Cliffs. A. M. Pell, 1982, **NMW**.

†336/2. *ALNUS INCANA* (L.) Moench *57, Derbys.: Drakelow, GR 43/22.20. A. Willmot, 1981, field record.

†341/2. *QUERCUS ILEX* L. 47, Monts.: Glascoed Farm, GR 33/23.21. E. D. Pugh, 1980, field record. 2nd record.

†342/2. *POPULUS ALBA* L. × *P. TREMULA* L. (= *P. × CANESCENS* (Ait.) Sm.) *69, Westmorland: E. side of A6 near Brougham, Penrith, GR 35/52.27. R. W. M. Corner, 1983, **LANC**. *70, Cumberland: S.E. of Hunsonby, GR 35/59.36. E. side of B5305, N. of Catterlen, GR 35/48.34. Both R. W. M. Corner, 1983, **LANC**. 1st and 2nd records. *79, Selkirks.: N. side of River Tweed, opposite Peel Hospital, GR 36/43.35. R. W. M. Corner, 1978, **herb. R. W. M. C.**, det. D. R. McKean. 1st record since 1911. *80, Roxburghs.: Oakendean near Melrose, GR 36/56.33. J. G. Roger, 1982, **herb. R. W. M. C.** 1st localised record.

343/2 × 4. *SALIX ALBA* L. × *S. FRAGILIS* L. *82, E. Lothian: Samuelston, GR 36/4.7. O. M. Stewart, 1980, **E**, det. R. C. L. Howitt.

343/6. *SALIX PURPUREA* L. *45, Pems.: near Caerfarchell, GR 12/79.26. M. & R. Gulliver, 1982, **NMW**.

343/6 × 9. *SALIX PURPUREA* L. × *S. VIMINALIS* L. *82, E. Lothian: GR 36/4.7. O. M. Stewart, 1980, **E**, det. R. C. L. Howitt.

†343/7. *SALIX DAPHNOIDES* Vill. *69, Westmorland: Lambrigg, Grayrigg, GR 34/59.96. M. Baecker & R. Dalton, 1981, **LANC**, det. R. D. Meikle. *70, Cumberland: S. side of Kirk Beck, E. of Bewcastle, GR 35/57.74. G. Halliday, 1981, **LANC**, det. R. D. Meikle. 2nd record.

343/13 × 12b. *SALIX AURITA* L. × *S. CINEREA* L. subsp. *OLEIFOLIA* Macreight *82, E. Lothian: Monynut Water, Laughing Law, GR 36/73.64. A. J. Silverside & E. H. Jackson, 1982, field record.

343/13 × 16. *SALIX AURITA* L. × *S. REPENS* L. *102, S. Ebudes: Glas Aird, Scalasaig, Isle of Colonsay, GR 17/40.94. A. McG. Stirling, 1983, **E**.

†344/2. *LEDUM PALUSTRE* L. subsp. *GROENLANDICUM* (Oeder) Hultén 59, S. Lancs.: Wheelton Moor, above Heapy, near Chorley, GR 34/63.19. J. M. Smith, 1983, field record, det. A. Gunn. 2nd record.

346/1. *LOISELEURIA PROCUMBENS* (L.) Desv. **104**, N. Ebudes: Coir'an Eich, Cuillin Hills, Skye, GR 18/43.22. D. Horsfield, 1981, field record. S. E. ridge of Sgurr nan Gillean, Cuillin Hills, Skye, GR 18/48.25. G. D. Field, 1982, **herb. C. W. Murray**. 1st and 2nd records since unlocalised record of 1887.

†351/1. *GAULTHERIA SHALLON* Pursh ***35**, Mons.: Trelleck, GR 32/49.07. T. G. Evans, 1983, field record. ***99**, Dunbarton: Kilcreggan, GR 26/23.80. Rocky ground near shore. A. McG. Stirling, 1983, **E**.

†352/1. *PERNETTYA MUCRONATA* (L.f.) Gaudich. ex Spreng. ***5**, S. Somerset: Yenworthy, Oare, GR 21/80.48. Established on moorland. C. J. Giddens, 1982, field record.

358/3. *VACCINIUM ULIGINOSUM* L. **80**, Roxburghs.: between Newlands and Steele Road, Newcastleton, GR 35/51.93. R. W. M. Corner, 1983, **herb. R. W. M. C.** 2nd record.

358/4. *VACCINIUM OXYCOCCOS* L. **104**, N. Ebudes: Isle of Wiay, Loch Bracadale, Skye, GR 18/29.36. A. Currie, 1981, **herb. C. W. Murray**, det. D. R. McKean. 1st record for Isle of Skye since 1868.

†358/6. *VACCINIUM MACROCARPON* Ait. ***45**, Pembs.: Cwm Dewi, Dinas, GR 22/00.39. *Molinia* bog on edge of fen. S. B. Evans & R. A. Lindsay, 1981, **NMW**. Established for at least 20 years.

365/1. *LIMONIUM VULGARE* Mill. **35**, Mons.: Goldcliff, GR 31/3.8. Upper saltmarsh. P. Baker & C. Titcombe, 1983, field record. Only extant record.

372/4. *ANAGALLIS MINIMA* (L.) E. H. L. Krause ***43**, Rads.: Llandeilo Graban, GR 32/09.43. R. G. Woods, 1983, field record.

387/1. *NYMPHOIDES PELTATA* (S. G. Gmel.) Kuntze **†93**, N. Aberdeen: Delgatie Castle, GR 38/75.50. D. Welch, 1983, field record. 1st record since 1904, at same locality.

388/1. *POLEMONIUM CAERULEUM* L. **†92**, S. Aberdeen: near Monymusk, GR 37/69.14. Abundant over several acres of recently felled coniferous woodland. P. R. Marren, 1982, field record. 1st post-1930 record.

†392/3. *SYMPHYTUM ORIENTALE* L. ***81**, Berwicks.: Birgham, GR 36/79.38. Hedge bank. M. E. Braithwaite, 1983, **herb. M. E. B.**

392/6. *SYMPHYTUM TUBEROSUM* L. **†48**, Merioneth: Gwastadedd, near Llandderfel, GR 33/0.3. Road verge. H. Handley, 1983, **herb. H. H.**, conf. A. O. Chater. 2nd record, probably rediscovery of original 1887 record.

†394/1. *TRACHYSTEMON ORIENTALIS* (L.) G. Don ***35**, Mons.: Tintern, GR 31/53.99. Well established in small meadow. T. G. Evans, 1983, field record. ***41**, Glam.: Porthkerry Wood, Barry, GR 31/09.67. Waste ground. R. Tidswell, 1983, **NMW**.

†**AMSINCKIA INTERMEDIA** Fischer & C. A. Meyer ***81**, Berwicks.: opposite Horncliffe, GR 36/ 92.49. River bank. M. E. Braithwaite, 1983, **herb. M. E. B.**

400/10. *MYOSOTIS RAMOSISSIMA* Rochel **73**, Kirkcudbrights.: Balmae Haven, GR 25/67.44. O. M. Stewart, 1983, **E**. 1st record since 1887.

403/1. *ECHIUUM VULGARE* L. **73**, Kirkcudbrights.: Gipsy Point, Dundrennen GR 25/68.43. O. M. Stewart, 1982, **E**. 1st definite record since 1843.

†406/2. *CALYSTEGIA PULCHRA* Brummitt & Heywood ***99**, Dunbarton: Ardoch, Cardross, GR 26/35.76. A. McG. Stirling, 1970, field record.

†408/1. *NICANDRA PHYSALODES* (L.) Gaertn. **59**, S. Lancs.: Southport, GR 34/32.17. Tip. V. Gordon, 1982, field record. 2nd record.

413/3. *SOLANUM NIGRUM* L. **47**, Monts.: Llansantffraid, GR 33/21.19. F. H. Perring, 1980, field record. 2nd record. **†111**, Orkney: Alfred St, Stromness, GR 57/25.08. Garden weed. A. Thomson, 1982, field record. 1st post-1930 record.

416/7. *VERBASCUM NIGRUM* L. *43, Rads.: Nantmel, GR 32/02.66. Roadside verge. R. G. Woods, 1982, field record.

†420/2 × 3. *LINARIA PURPUREA* (L.) Mill. × *L. REPENS* (L.) Mill. *69, Westmorland: Glenridding, GR 35/38.16. M. Coulson, 1977, **LANC, herb. M. C.**, det. E. J. Clement.

420/3. *LINARIA REPENS* (L.) Mill. †94, Banffs.: Keith, GR 38/42.50. M. McC. Webster, 1982, field record. 2nd record.

422/2. *KICKXIA ELATINE* (L.) Dumort. 52, Anglesey: Clegir Mawr, Llanfairynghornwy, GR 23/30.90. Near Porth China, Aberffraw, GR 23/33.68. Both among arable crops. L. J. Rees, 1983, field records. 1st post-1930 records.

424/2. *SCROPHULARIA AURICULATA* L. *99, Dunbarton: near Shandon Church, GR 26/25.86. A. McG. Stirling & A. Rutherford, 1983, E.

†425/cup. × 1. *MIMULUS CUPREUS* Dombroin × *M. GUTTATUS* DC. *82, E. Lothian: Monynut Water, GR 36/73.64. A. J. Silverside & E. H. Jackson, 1983, **herb. A. J. S.**

†425/3. *MIMULUS MOSCHATUS* Dougl. ex Lindl. *106, E. Ross: Swordale, GR 28/06.98. E. H. Geldard, 1982, field record.

†430/14. *VERONICA PEREGRINA* L. *101, Kintyre: Northlea, Tarbert, Loch Fyne, GR 16/86.68. Garden weed. J. Dickson, 1982, field record.

432/2hib. *PEDICULARIS SYLVATICA* L. subsp. *HIBERNICA* D. A. Webb *102, S. Ebeudes: near Uragai, Isle of Colonsay, GR 17/39.97. A. G. Kenneth & A. McG. Stirling, 1983, E.

435/1/1. *EUPHRASIA MICRANTHA* Reichb. *78, Peebles.: Cramalt Head, GR 36/18.24. D. J. McCosh, 1980, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/1 × 1/13. *EUPHRASIA MICRANTHA* Reichb. × *E. NEMOROSA* (Pers.) Wallr. *78, Peebles.: Cramalt, GR 36/19.23. D. J. McCosh, 1980, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/17 × 1/1. *EUPHRASIA ARCTICA* Lange ex Rostrup × *E. MICRANTHA* Reichb. *78, Peebles.: Fruid Water, Tweedsmuir, GR 36/10.17. D. J. McCosh, 1982, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/15 × 1/2. *EUPHRASIA CONFUSA* Pugsl. × *E. SCOTTICA* Wettst. *78, Peebles.: Gaigy Middens, Fruid, GR 36/11.15. D. J. McCosh, 1982, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/17 × 1/2. *EUPHRASIA ARCTICA* Lange ex Rostrup × *E. SCOTTICA* Wettst. *78, Peebles.: Fruid Water, Tweedsmuir, GR 36/10.17. D. J. McCosh, 1982, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/13. *EUPHRASIA NEMOROSA* (Pers.) Wallr. *78, Peebles.: Talla Reservoir, Tweedsmuir, GR 36/10.22. D. J. McCosh, 1980, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/15 × 1/13. *EUPHRASIA CONFUSA* Pugsl. × *E. NEMOROSA* (Pers.) Wallr. *42, Brecc.: W. of Cefngorwydd, GR 22/89.43. M. Porter, 1978, **herb. M. P.**, det. A. J. Silverside. *82, E. Lothian: Laughing Law, GR 36/73.64. A. J. Silverside & E. H. Jackson, 1983, field record.

435/1/17 × 1/15. *EUPHRASIA ARCTICA* Lange ex Rostrup × *E. CONFUSA* Pugsl. *78, Peebles.: West Linton, GR 36/14.52. D. J. McCosh, 1974, **herb. D. J. McC.**, det. A. J. Silverside.

435/1/15 × 1/19. *EUPHRASIA CONFUSA* Pugsl. × *E. ROSTKOVIANA* Hayne *42, Brecc.: N.W. of Llanafon-fawr, GR 22/90.55. M. Porter, 1978, **herb. M. P.**, det. A. J. Silverside. 1st Welsh record.

435/1/17. *EUPHRASIA ARCTICA* Lange ex Rostrup *78, Peebles.: Cross Cryne, Biggar, GR 36/04.35. D. J. McCosh, 1980, **herb. D. J. McC.**, det. A. J. Silverside.

437/1. *PARENTUCELLIA VISCOSA* (L.) Caruel †69, Westmorland: Barrow-in-Furness Hospital at Hawcoat, GR 34/20.71. Newly-seeded area. G. Halliday, 1983, field record. 2nd record.

439/1. *LATHRAEA SQUAMARIA* L. 25, E. Suffolk: Priestley Wood, Barking, GR 62/08.53. J. Spencer & H. Barnett, 1983, field record. 2nd record.

440/3. *OROBANCHE RAPUM-GENISTAE* Thuill. **28**, W. Norfolk: Hockham, Hills and Holes, GR 52/90.95. On *Sarothamnus scoparius*. E. Campbell, 1983, field record, conf. C. P. Petch. 1st record since 1920.

440/4. *OROBANCHE ALBA* Steph. ex Willd. ***101**, Kintyre: Rudha Duin Bhain, near Largybaan, GR 16/59.14. Limestone cliff. E. Bignall, 1982, field record.

442/4. *UTRICULARIA MINOR* L. **81**, Berwicks.: Gordon Moss S.S.S.I., GR 36/63.42. G. Waldie, 1974, field record. 1st post-1930 record.

445/4 × 3. *MENTHA AQUATICA* L. × *M. ARVENSIS* L. **80**, Roxburghs.: Hare Moss, near Selkirk, GR 36/46.24. R. W. M. Corner, 1982, **herb. R. W. M. C.**, det. R. M. Harley. 1st localised record.

†472/afr. *PLANTAGO AFRA* L. ***41**, Glam.: Cardiff Docks, GR 31/1.7. Waste ground. J. Storrle, c. 1876, **NMW**, det. G. Ellis.

475/8. *CAMPANULA PATULA* L. ***47**, Monts.: near Hyssington, GR 32/3.9. Hedge bank. J. Warren, 1980, field record.

475/11. *CAMPANULA MEDIUM* L. ***49**, Caerns.: near Pwllheli, GR 23/3.3. A. P. Conolly, 1981, field record. Bangor, GR 23/5.7. Roadside bank. R. H. Roberts, 1982, field record. 1st and 2nd records.

476/1. *LEGOUSIA HYBRIDA* (L.) Delarb. **68**, Cheviot: S. of Craster, GR 46/25.19. G. A. Swan, 1983, **herb. G. A. S.** 2nd record, 1st record for over 100 years.

483/2. *ASPERULA CYNANCHICA* L. **61**, S. E. Yorks.: c. 1 mile E. of Settrington, GR 44/85.70. Chalk grassland. R. Jefferson, 1983, field record. 2nd extant record.

485/3a. *GALIUM MOLLUGO* L. **93**, N. Aberdeen: Leith Hall, Kennethmont, GR 38/54.29. Lawn. M. McC. Webster, 1982, **E.** 1st post-1930 record.

485/3b. *GALIUM ALBUM* Miller ***93**, N. Aberdeen: Inverurie, GR 38/77.22. D. Welch, 1983, **ABD.**

487/1. *SAMBUCUS EBULUS* L. **80**, Roxburghs.: Ashybank, W. of Denholm, GR 36/54.17. R. W. M. Corner, 1983, **herb. R. W. M. C.** 2nd extant record.

494/5. *VALERIANELLA DENTATA* (L.) Poll. **68**, Cheviot: S. of Craster, GR 46/25.19. Edge of cornfield. G. A. Swan, 1983, **herb. G. A. S.** Only extant record.

†496/1. *CENTRANTHUS RUBER* (L.) DC. ***107**, E. Sutherland: Meikleferry, 4 miles W. of Dornoch, GR 28/73.87. B.S.B.I. Field Meeting, 1983, field record.

498/1. *KNAUTIA ARVENSIS* (L.) Coult. **99**, Dunbarton: Dalmuir, GR 26/49.71. Roadside bank. A. McG. Stirling, 1983, **E.** 1st record this century.

499/1. *SCABIOSA COLUMBARIA* L. **81**, Berwicks.: Foulton Dean, GR 36/92.54. M. E. Braithwaite, 1979, field record. 1st post-1930 record.

502/1. *BIDENS CERNUA* L. **81**, Berwicks.: Bemersyde Moss S.S.S.I., GR 36/61.33. Mire-pool edge. M. E. Braithwaite, 1978, **herb. M. E. B.** 1st post-1930 record.

†504/1. *AMBROSIA ARTEMISIIFOLIA* L. **44**, Carms.: Pont-y-fenni, GR 22/23.16. Roadside lay-by. R. D. Pryce, 1983, **NMW**, det. T. G. Evans. 2nd record, 1st record since 1911.

†506/13. *SENECIO FLUVIATILIS* Wallr. **80**, Roxburghs.: banks of River Tweed at Newstead, GR 36/56.34. J. G. Roger, 1979, field record. 2nd record. ***99**, Dunbarton: Cardross, GR 26/33.77. J. H. Penson, 1964, field record.

†506/ver. *SENECIO VERNALIS* Waldst. & Kit. ***85**, Fife: Dalgety Bay, GR 36/16.84. Waste ground. O. M. Stewart & J. Hewson, 1982, **herb. G. H. Ballantyne**. Kirkcaldy, GR 36/26.92. Re-seeded lawn. G. H. Ballantyne, 1983, field record. 1st and 2nd records.

†512/1. *INULA HELENIUM* L. ***99**, Dunbarton: between High Craigton and Carbeth, GR 26/52.78. Roadside. A. McG. Stirling, 1982, field record.

- 514/5. *FILAGO MINIMA* (Sm.) Pers. 79, Selkirks.: Douglas Burn, near Craig Douglas, GR 36/29.24. On river gravel. R. W. M. Corner, 1983, **herb. R. W. M. C.** Only extant record.
- 515/2. *GNAPHALIUM NORVEGICUM* Gunn. 92, S. Aberdeen: on S. side of Devil's Point, GR 43/97.95. A. G. Payne, 1979, field record. 2nd record.
- †516/1. *ANAPHALIS MARGARITACEA* (L.) Benth. *99, Dunbarton: Bowling Harbour, GR 26/45.73. J. H. Penson, 1965, field record.
- †518/4. *SOLIDAGO GRAMINIFOLIA* (L.) Salisb. *69, Westmorland: bank of River Brathay, by Old Brathay, Ambleside, GR 35/36.03. G. Halliday, 1983, **LANC.**
- †519/7 × 6. *ASTER LAEVIS* L. × *A. NOVI-BELGII* L. *99, Dunbarton: Helensburgh, GR 26/31.82. Waste ground. A. Rutherford, 1983, field record, det. A. J. Silverside.
- †519/8 × 6. *ASTER LANCEOLATUS* Willd. × *A. NOVI-BELGII* L. *99, Dunbarton: Bowling, GR 26/45.73. B.S.B.I. Field Meeting, 1982, field record, det. A. J. Silverside.
- 532/1. *MATRICARIA RECUTITA* L. 81, Berwicks.: Haigsfield, GR 36/81.40. E. K. Swinton, 1950, M. E. Braithwaite, 1979, **herb. M. E. B.** 1st post-1930 record.
- †534/1. *COTULA CORONOPIFOLIA* L. *95, Moray: Dyke, GR 28/98.57. Garden weed. M. McC. Webster, 1982, field record.
- 535/7. *ARTEMISIA MARITIMA* L. 81, Berwicks.: Pettico Wick N. N. R., GR 36/90.69. C. Warman, 1981, **herb. M. E. Braithwaite.** 1st post-1930 record.
- 538/1. *ARCTIUM LAPPA* L. 73, Kirkcudbrights.: Barocco, GR 25/78.47. R. W. David & O. M. Stewart, 1983, field record. 1st post-1930 record.
- 542/1. *ONOPORDUM ACANTHIUM* L. †*42, Brechs.: Crickhowell, GR 32/22.19. Edge of pasture. R. Waring, 1983, **NMW**, det. M. Porter †47, Monts.: Arddleen, GR 33/26.16. Disturbed ground. E. D. Pugh, 1981, field record. 1st localized record, 1st record for 150 years.
- 544/dil. *CENTAUREA DILUTA* Aiton *45, Pembs.: Strumble Head, GR 12/83.93. B. S. Leggett, 1982, **NMW.**
- 550/1pra. *LEONTODON AUTUMNALIS* L. subsp. *PRATENSIS* (Koch) Arcangeli *68, Cheviot: Hen Hole, Cheviot, GR 36/89.20. G. A. & M. Swan, 1983, **herb. G. A. S.**, det. C. Jeffrey.
- †552/2 × 1. *TRAGOPOGON PORRIFOLIUS* L. × *T. PRATENSIS* L. *29, Cambs.: Litlington, GR 52/31.42. Meadow. R. H. Kyle, 1982, field record, conf. C. J. King. 1st definite record.
- †552/2. *TRAGOPOGON PORRIFOLIUS* L. 26, W. Suffolk: Boxford, GR 52/96.40. Roadside cutting. H. Mendel, 1983, field record, det. C. A. Green. 2nd extant record.
- 554/1. *LACTUCA SERRIOLA* L. *50, Denbs.: Llan-y-pwll, near Wrexham, GR 33/36.51. Sand quarry. J. B. Formstone, 1982, **NMW.**
- †557/2. *CICERBITA BOURGAEI* (Boiss.) Beauverd *80, Roxburghs.: above Sprouston Burn, Newtown St Boswells, GR 36/57.32. Roadside verge. J. Blance, 1983, **herb. R. W. M. C.**, det. D. R. McKean.
- †557/3. *CICERBITA MACROPHYLLA* (Willd.) Wallr. *99, Dunbarton: near Craigendoran Station, GR 26/30.81. Roadside verge. A. McG. Stirling, 1971, field record. *101, Kintyre: Crinan Canal, near Dunardry, GR 16/81.91. B. H. Thompson, 1982, field record.
- 558/1/32. *HIERACIUM DASYTHRIX* (E. F. Linton) Pugs. *104, N. Ebudes: N. of Beinn Bhuidhe, N. of Kyleshea, GR 18/78.22. C. W. Murray, 1973, **ABD**, det. P. D. Sell.
- 558/1/52. *HIERACIUM CARNEDDORUM* Pugs. *43, Rads.: Burfa Hill, GR 32/28.61. A. C. Powell, 1981, **NMW**, det. P. D. Sell.
- 558/1/63. *HIERACIUM JOVIMONTIS* (Zahn) Roffey *104, N. Ebudes: Balmeanach, Braes, Skye, GR 18/52.34. J. Palmer, 1979, **herb. J. P.**, det. C. West.
- 558/1/69. *HIERACIUM DICELLA* Sell & West *94, Banffs.: Inchroy, Tomintoul, GR 38/18.07. Limestone cliff. M. McC. Webster, 1982, **CGE**, det. P. D. Sell & C. West.

- 558/1/98. *HIERACIUM EXOTERICUM* Jord. ex Bor. s.str. *46, Cards.: Trawsgoed, GR 22/67.73. Open woodland. A. O. Chater, 1981, **NMW**, det. P. D. Sell.
- 558/1/112. *HIERACIUM PSEUDOSTENSTROEMII* Pugsl. 104, N. Ebudes: below Sgurr, Eigg, GR 17/46.84. C. W. Murray, 1973, **ABD**, det. P. D. Sell. 1st record for Isle of Eigg.
- 558/1/117. *HIERACIUM DIPTEROIDES* Dahlst. *104, N. Ebudes: Torrin, Skye, GR 18/57.20. C. W. Murray, 1973, **ABD**, det. P. D. Sell.
- 558/1/138. *HIERACIUM CRAVONIENSE* (F. J. Hanb.) Roffey *81, Berwicks.: Longformacus, GR 36/68.57. M. E. Braithwaite, 1983, **herb. M. E. B.**
- 558/1/209. *HIERACIUM SUBCROCATUM* (E. F. Linton) Roffey *78, Peebles.: Black Burn, Winterhope, GR 36/17.20. D. J. McCosh, 1981, **herb. D. J. McC.** det. P. D. Sell.
- 558/1/cal. *HIERACIUM CALEDONICUM* F. J. Hanb. *75, Ayr.: Finnarts Bay, Glen App, GR 25/05.72. Old quarry. A. McG. Stirling, 1967, **herb. A. McG. S.**, det. P. D. Sell & C. West.
- 558/1/tri. *HIERACIUM TRIVIALE* Nottl. *78, Peebles.: Bowbeat Burn, Leithen, GR 36/28.46. D. J. McCosh, 1983, **herb. D. J. McC.**, det. P. D. Sell.
- 558/2/leu. *HIERACIUM PILOSELLA* L. subsp. *EURONOTUM* Naegeli & Peter *78, Peebles.: Blyth Bridge, GR 36/13.45. D. J. McCosh, 1981, **herb. D. J. McC.**, det. P. D. Sell.
- 558/2/mel. *HIERACIUM PILOSELLA* L. subsp. *MELANOPS* Peter *78, Peebles.: Winterhope Burn, Megget Water, GR 36/19.20. A. J. Silverside, 1982, **herb. A. J. S.**
- 558/2/mic. *HIERACIUM PILOSELLA* L. subsp. *MICRADENIUM* Naegeli & Peter *78, Peebles.: Underscar, Shieldgreen Kipps, N. of Peebles, GR 36/27.44. D. J. McCosh, 1981, **herb. D. J. McC.**, det. P. D. Sell.
- 558/2/tri. *HIERACIUM PILOSELLA* L. subsp. *TRICHOSOMA* Peter *78, Peebles.: Kingledores, GR 36/11.27. D. J. McCosh, 1981, **herb. D. J. McC.**, det. P. D. Sell.
- †558/2/7car. *HIERACIUM AURANTIACUM* L. subsp. *CARPATICOLA* Naegeli & Peter *93, N. Aberdeen: Inverurie, GR 38/77.22. Railway. D. Welch, 1983, **ABD**. *107, E. Sutherland: Evelix, GR 28/7.9. Roadside verge. B.S.B.I. Field Meeting, 1983, field record, det. M. J. Burnhill.
- 559/8. *CREPIS PALUDOSA* (L.) Moench 43, Rads.: Llanbadarn Ffynydd, GR 32/09.78. C. A. Chadwell, 1982, field record. 1st post-1930 record. *46, Cards.: Cwm Einon, GR 22/69.94. W. M. Condry, 1983, field record.
- 562/1. *LURONIUM NATANS* (L.) Raf. 52, Anglesey: Mynachdy, Llanfairynghornwy, GR 23/30.92. Llyn Dinam, GR 23/31.77. Both P. Day, 1983, field records. 1st post-1930 records.
- †570/3. *ELODEA NUTTALLII* (Planch.) St John *33, E. Gloucs.: Cotswold Water Park, Lechlade, GR 42/21.01. S. C. Holland, 1983, field record, det. A. L. Grenfell. *34, W. Gloucs.: Cherington Lake, N. of Tetbury, GR 31/89.98. S. C. Holland, 1983, **herb. S. C. H.**, det. A. L. Grenfell.
- 577/2. *POTAMOGETON POLYGONIFOLIUS* Pourr. *82, E. Lothian: Aikengall Water, Sheeppath Glen, Lammermuir Hills, GR 36/68.70. Sir George Taylor, 1982, **BM, E.**
- 577/9. *POTAMOGETON PERFOLIATUS* L. 43, Rads.: River Ithon near Disserth, GR 32/04.59. C. A. Chadwell, 1982, field record. 2nd record.
- 577/15. *POTAMOGETON BERCHTOLDII* Fieb. 84, W. Lothian: Linlithgow Loch, GR 26/99.77. O. M. Stewart, 1980, field record. 1st post-1930 record.
- 577/19. *POTAMOGETON CRISPUS* L. 104, N. Ebudes: Loch Dubhar-sgoth, below Ben Edra, Skye, GR 18/45.63. H. J. B. Birks & C. W. Murray, 1983, **herb. C. W. M.** 1st localised record, 1st post-1930 record.
- 577/20 × 21. *POTAMOGETON FILIFORMIS* Pers. × *P. PECTINATUS* L. *83, Midlothian: Duddingston Loch, Edinburgh, GR 36/2.7. In Terras Herbarium, 1886, **E**, det. D. R. McKean.

- 598/1. *ORNITHOGALUM UMBELLATUM* L. †**42**, Brecs.: Llanhamlach, GR 32/08.26. River bank. D. R. Morgan, 1983, **NMW**, det. M. Porter. 1st localised record.
- †600/2. *HYACINTHOIDES HISPANICA* (Miller) Rothm. ***69**, Westmorland: Honeybee wood, Brigsteer, Kendal, GR 34/48.89. Soil dump in wood. T. C. G. Rich & D. P. Earl, 1982, field record.
- †601/1. *MUSCARI NEGLECTUM* Guss. ex Ten. ***44**, Carms.: Pembrey Forest, GR 22/40.02. Edge of ride. I. K. Morgan, 1983, field record.
- 605/7/amb. *JUNCUS AMBIGUUS* Guss. ***25**, E. Suffolk: Languard Common, Felixstowe, GR 62/28.32. A. Copping, 1983, **herb. E. M. Hyde**, conf. C. A. Stace. 1st definite record. **46**, Cards.: Ynys-las, GR 22/61.92. Brackish peat. A. O. Chater, 1983, **NMW**, det. C. A. Stace. ***67**, S. Northumb.: mouth of River Wansbeck, GR 45/30.85. S. of Cresswell, GR 45/30.91. Both G. A. Swan, 1983, **herb. G. A. S.**, det. C. A. Stace. 1st and 2nd records. ***68**, Cheviot: Inner Farne, GR 46/21.35. B. Sowerby, 1953, **BM**, det. T. A. Cope. Holy Island, GR 46/10.43. G. A. Swan, 1983, **herb. G. A. S.**, det. C. A. Stace. 1st and 2nd records. **70**, Cumberland: Drigg Dunes, GR 34/06.96. C. C. Haworth, 1983, field record. 2nd record. ***73**, Kirkcudbrights.: Preston Merse, GR 25/95.54. O. M. Stewart, 1983, **E**.
- 605/9 × 8. *JUNCUS INFLEXUS* L. × *J. EFFUSUS* L. ***61**, S. E. Yorks.: Rise Park, GR 54/14.41. F. E. Crackles, 1983, **herb. F. E. C**.
- 605/13. *JUNCUS BALTICUS* Willd. **85**, Fife: St Andrews Links, GR 37/50.17. Dune hollows. P. K. Kinnear, 1982, field record. 2nd extant record.
- 605/14. *JUNCUS MARITIMUS* Lam. ***81**, Berwicks.: Reed Point, GR 36/77.72. Salt marsh. B.S.B.I. Field Meeting, 1978, field record.
- †606/4. *LUZULA LUZULOIDES* (Lam.) Dandy & Wilmott **69**, Westmorland: Appleby Castle grounds, GR 35/68.19. Sir Charles Willink, 1980, **LANC**. 2nd record.
- †*YUCCA RECURVIFOLIA* Salisb. ***41**, Glam.: Crymlyn Burrows, Swansea, GR 21/7.9. Sand dunes. B. M. Sturdy, 1982, field record, det. M. E. Gillham.
- 607/5. *ALLIUM VINEALE* L. ***95**, Moray: Kearn Farm, near Hopeman, GR 38/1.6. Roadside verge. M. McC. Webster, 1982, **E**. **101**, Kintyre: W. of Borgadel Water, GR 16/60.07. B. H. Thompson, 1982, field record. Significant extension of range.
- †607/9b. *ALLIUM ROSEUM* L. subsp. *BULBIFERUM* (DC.) E. F. Warb. ***44**, Carms.: Capel Hendre, GR 22/59.11. Churchyard. A. M. Pell, 1982, **NMW**, det. R. G. Ellis.
- †*NECTAROSCORDUM SICULUM* (Ucria) Lindley ***41**, Glam.: Roath Park, Cardiff, GR 31/18.78. Naturalized on bank of stream. V. G. Ellis, 1983, **NMW**, det. R. G. Ellis. Porthkerry Park, GR 31/09.66. Naturalized on top of cliff. R. Tidswell, 1983, **NMW**, det. R. G. Ellis. 1st and 2nd records. ***42**, Brecs.: Gliffaes, Crickhowell, GR 32/17.19. B. M. Evans, 1983, **NMW**, det. R. G. Ellis.
- 611/1. *LEUCOJUM VERNUM* L. †***80**, Roxburghs.: Jed Water, below Ferniehirst Castle, GR 36/65.17. M. E. Braithwaite, 1978, field record.
- †616/5. *IRIS GERMANICA* L. ***82**, E. Lothian: Ferny Ness, near Longniddry, GR 36/44.77. Sand dunes. A. J. Silverside, 1981, field record.
- †617/1. *HERMODACTYLIS TUBEROSUS* (L.) Mill. ***45**, Pembs.: Manorbier, GR 21/06.97. D. Rees, 1981, **NMW**, conf. S. B. Evans.
- †621/2. *GLADIOLUS COMMUNIS* L. subsp. *BYZANTINUS* (Miller) A. P. Hamilton ***41**, Glam.: Nash Point, GR 21/91.68. Sea cliff. B.S.B.I. Field Meeting, 1983, **NMW**. Established for at least 10 years.
- †*CURTONUS PANICULATUS* (Klatt) N. E. Br. ***44**, Carms.: Machynys, Llanelli, GR 21/5.9. Rubbish dump. I. K. Morgan, 1983, **NMW**.
- 625/1. *EPIPACTIS PALUSTRIS* (L.) Crantz **35**, Mons.: Cwm Llanwenarth, Govilon, GR 32/25.12. Meadow. G.T.N.C./M.P.S. 'Grasslands' team, 1983, field record. 2nd record.

- 625/6. *EPIPACTIS PHYLLANTHES* G. E. Sm. *65, N.W. Yorks.: Richmond, GR 45/18.00. F. Horsman, 1983, field record.
- 628/2. *LISTERA CORDATA* (L.) R. Br. *46, Cards.: Pencreigiau'r Llan, GR 22/74.94. A. O. Chater, W. M. Condry & D. G. Jones, 1983, field record. 82, E. Lothian: above Aikengall Water, Sheeppath Glen, Lammermuir Hills, GR 36/68.70. A. Younger, 1982, field record. 2nd record, 1st post-1930 record. 85, Fife: St Michael's Wood, Leuchars, GR 37/44.23. Dune heath in pine plantation. S. J. Leach & P. Kinnear, 1982, field record. 2nd extant record.
- 629/1. *NEOTTIA NIDUS-AVIS* (L.) Rich. 92, S. Aberdeen: at the Shooting Greens, near Kincardine O'Neil, GR 37/62.95. Under birch scrub. M. Wilson, 1981, field record. 2nd record.
- 631/1. *HAMMARBYA PALUDOSA* (L.) Kuntze 73, Kirkcudbrights.: Cairnaber, GR 25/48.75. P. Starley & O. M. Stewart, 1983, field record. 2nd record.
- 635/1. *COELOGLOSSUM VIRIDE* (L.) Hartm. 73, Kirkcudbrights.: Ken Valley, GR 25/6.8. P. Starley, 1980, E. 1st record since 1897.
- 638/1. *PLATANTERA CHLORANTHA* (Custer) Reichb. 92, S. Aberdeen: N. bank of River Dee at Abergeldie, GR 44/28.95. P. Batty, 1983, field record. 1st post-1930 record.
- 643/3b. *DACTYLORHIZA INCARNATA* (L.) Soó subsp. *PULCHELLA* (Druce) Soó *99, Dunbarton: Craigton, Milngavie, GR 26/54.76. F. G. Rodway & A. McG. Stirling, 1982, field record.
- 643/3f. *DACTYLORHIZA INCARNATA* (L.) Soó subsp. *ACHROLEUCA* (Boll) Hunt & Summerh. *41, Glam.: Kenfig Burrows, GR 21/7.8. D. M. Turner-Ettlinger, 1982, field record.
- 649/2. *ARUM ITALICUM* Mill. †73, Kirkcudbrights.: New Abbey, GR 25/96.65. Sandy bank by Pow Burn. O. M. Stewart, 1983, E. 1st post-1930 record.
- †650/minus. *LEMNA MINUSCULA* Herter *25, E. Suffolk: Orford, GR 62/42.49. Drainage ditch behind sea wall. A. M. Boucher, 1983, field record, conf. A. C. Leslie.
- 651/1. *WOLFFIA ARRHIZA* (L.) Hork. ex Wimm. *35, Mons.: Goldcliff, GR 31/35.38. Abundant in reën. P. R. Glading, 1983, NMW. Only extant Welsh record.
- 652/2. *SPARGANIUM EMERSUM* Rehm. *107, E. Sutherland: Loch Evelix, 4 miles W. of Dornoch, GR 28/73.87. B.S.B.I. Field Meeting, 1983, field record.
- 652/4. *SPARGANIUM MINIMUM* Wallr. 81, Berwicks.: Gordon Moss S.S.S.I., GR 36/63.42. M. E. Braithwaite, 1982, herb. M. E. B. 1st post-1930 record. 85, Fife: Tentsmuir Forest, GR 37/49.26. S. J. Leach, 1983, field record. 2nd record, only extant record.
- 654/3. *ERIPHORUM LATIFOLIUM* Hoppe 104, N. Ebudes: near Balmeanach, Raasay, GR 18/56.40. H. J. B. Birks, 1981, field record. 1st post-1930 record for Isle of Raasay.
- 655/5. *SCIRPUS HOLOSCHOENUS* L. 41, Glam.: Cardiff Docks, GR 31/19.75. Marshy ground. R. Tidswell, 1983, NMW. 2nd extant record.
- 655/8. *SCIRPUS LACUSTRIS* L. 84, W. Lothian: Linlithgow Loch, GR 36/00.77. O. M. Stewart, 1980, field record. 2nd record.
- 656/2. *ELEOCHARIS ACICULARIS* (L.) Roem. & Schult. 92, S. Aberdeen: Queen's Loch, Aboyne, GR 37/52.97. B. M. Gerrie, 1978, field record. 1st post-1930 record.
- 656/3. *ELEOCHARIS QUINQUEFLORA* (F. X. Hartmann) Schwarz 46, Cards.: Mwnt, GR 22/19.52. A. O. Chater, 1983, field record. 2nd record.
- 657/2. *BLYSMUS RUFUS* (Huds.) Link 81, Berwicks.: Reed Point, GR 36/77.72. Salt marsh. B.S.B.I. Field Meeting, 1979, field record. 1st post-1930 record.
- 663/7. *CAREX LEPIDOCARPA* Tausch *93, N. Aberdeen: Corsemal, GR 38/39.40. D. Welch, 1983, ABD.
- 663/9pul. *CAREX SEROTINA* Mérat subsp. *PULCHELLA* (Lönnr.) Van Ooststr. *41, Glam.: Oxwich, GR 21/5.8. Edge of dunes. P. Jones, 1982, NMW, det. A. O. Chater & R. W. David.

- 663/15. *CAREX PSEUDOCYPHERUS* L. **44**, Carms.: Laugharne Burrows, GR 22/28.07. J. Rees & I. K. Morgan, 1983, **NMW**, det. S. B. Evans. 2nd record, 1st record since c. 1840.
- 663/16 × 17. *CAREX ROSTRATA* Stokes × *C. VESICARIA* L. ***35**, Mons.: Llwyn-y-celyn, GR 31/47.94. T. G. Evans, 1983, **NMW**, det. A. O. Chater.
- 663/22. *CAREX PENDULA* L. **81**, Berwicks.: Dunglass Burn, GR 36/77.72. B.S.B.I. Field Meeting, 1979, field record. 1st post-1930 record.
- 663/27. *CAREX VAGINATA* Tausch **78**, Peebles.: Stirik Craig, Gameshope, GR 36/14.14. D. J. McCosh, 1983, **herb. D. J. McC.** 2nd record.
- 663/32. *CAREX HIRTA* L. **104**, N. Ebudes: Armadale, Skye, GR 18/63.03. A. Lee & J. W. Clark, 1982, **herb. C. W. Murray**, det. A. O. Chater & R. W. David. 1st record for Isle of Skye.
- 663/33. *CAREX LASIOCARPA* Ehrh. **81**, Berwicks.: Lurgie Loch S.S.S.I., GR 36/67.34. C. O. Badenoch, 1980, **herb. M. E. Braithwaite**. 1st post-1930 record. **85**, Fife: Dunbog Bog, GR 37/27.16. S. J. Leach, 1983, field record. 2nd extant record.
- 663/44. *CAREX NORVEGICA* Retz. **92**, S. Aberdeen: Glen Callater, GR 44/21.80. A. G. Payne, 1978, field record. 2nd record.
- 663/46. *CAREX ELATA* All. ***35**, Mons.: Whitson, Llanwern, GR 31/37.85. P. R. Glading, 1983, **NMW**, conf. A. O. Chater. **45**, Pembs.: Penally, GR 21/11.98. S. B. Evans, 1982, field record. 2nd record.
- 663/47. *CAREX ACUTA* L. ***45**, Pembs.: Haverfordwest, GR 12/95.16. J. Comont, 1982, field record. **52**, Anglesey: Llyn Pandy, Llangefni, GR 23/45.76. P. Day, 1983, field record. 1st post-1930 record, confirmation of an old record. **81**, Berwicks.: Dryburgh Suspension Bridge, GR 36/58.32. N. T. H. Holmes, 1973, **herb. R. W. M. Corner**. 1st post-1930 record.
- 663/56 × 54. *CAREX DIANDRA* Schrank × *C. PANICULATA* L. ***75**, Ayr.: Loch Lochton, 3 miles N.W. of Lendalfoot, GR 25/17.92. A. McG. Stirling, 1978, **BM, E**, det. R. W. David & A. O. Chater. 1st record for Scotland.
- 663/56. *CAREX DIANDRA* Schrank ***106**, E. Ross: Strathroy Valley, GR 28/68.77. A. S. Maclellan, 1983, field record.
- †663/59. *CAREX VULPINOIDEA* Michx. ***75**, Ayr.: Dalry, GR 26/29.49. Site of old tip. B. Simpson, 1981, field record, det. A. O. Chater & A. C. Jermy.
- 663/68. *CAREX MURICATA* L. **79**, Selkirks.: Blakehope Hill, Caddonfoot, GR 36/44.34. R. W. M. Corner, 1983, **herb. R. W. M. C.** 1st record since 1917.
- 663/76. *CAREX RUPESTRIS* All. **104**, N. Ebudes: Ben Suardal, Skye, GR 18/63.20. C. W. Murray, A. A. P. Slack & A. McG. Stirling, 1981, **CGE, herb. C. W. M.**, det. R. W. David. 1st record for Isle of Skye.
- 670/2 × 3. *FESTUCA ARUNDINACEA* Schreb. × *F. GIGANTEA* (L.) Vill. ***74**, Wigtowns.: Glenluce, GR 25/18.58. A. J. Silverside, 1981, **GLAM**.
- †670/5. *FESTUCA HETEROPHYLLA* Lam. **81**, Berwicks.: Mellerstain, GR 36/64.39. R. W. M. Corner, 1980, **herb. R. W. M. C.** 2nd record.
- 670/6pru. *FESTUCA RUBRA* L. subsp. *PRUINOSA* (Hackel) Piper ***73**, Kirkcudbrights.: Rockcliffe, GR 25/84.53. Seashore. R. Mackechnie, 1946, **E**. 1st definite record.
- 670/9. *FESTUCA TENUIFOLIA* Sibth. ***49**, Caerns.: near Moel-y-ci, Tergarth, GR 23/5.6. R. H. Roberts, 1982, field record. 1st definite record.
- †670/dif. *FESTUCA DIFFUSA* Dumort. ***49**, Caerns.: Llaniestyn, GR 23/28.33. Derelict garden. A. P. Conolly, 1981, **herb. A. P. C.**, det. S. Cunningham.
- 670/gue. *FESTUCA GUESTFALICA* Boenn. ex Reichenb. ***29**, Cambs.: Cambridge, GR 52/4.5. J. S. Henslow, 1825, **CGE**, det. P. J. O. Trist. Hildersham Furze Hill, GR 52/55.48. G. Crompton & J. Heap, 1981, **CGE**, conf. P. J. O. Trist. 1st and 2nd records.

- †671/2 × 1. *LOLIUM MULTIFLORUM* Lam. × *L. PERENNE* L. *82, E. Lothian: Sheriff Hall, GR 36/56.81. A. J. Silverside & E. H. Jackson, 1982, E.
- 673/2. *PUCCINELLIA DISTANS* (L.) Parl. 17, Surrey: A23 N. of Merstham, GR 51/28.55. G. D. Kitchener, 1983, field record. 2nd record.
- 674/2. *CATAPODIUM MARINUM* (L.) C. E. Hubbard *67, S. Northumb.: North Blyth, GR 45/32.81. Open ground, heavily contaminated with alumina. A. W. Davison, 1983, **herb. G. A. Swan**. 1st definite record. 81, Berwicks.: Breeches Rock, Burnmouth S.S.S.I., GR 36/95.62. Sea cliff. B.S.B.I. Field Meeting, 1979, field record. 2nd record.
- 676/11. *POA ANGUSTIFOLIA* L. *74, Wigtowns.: Lochinch, GR 25/1.6. R. Mackechnie, 1973, E.
- †676/14. *POA PALUSTRIS* L. 48, Merioneth: Bala Lake, GR 23/9.3. P. M. Benoit, 1982, **NMW**. 2nd record.
- †676/15. *POA CHAIXII* Vill. *43, Rads.: Llandrindod, GR 32/05.60. R. G. Woods, 1983, field record. 46, Cards.: Maestir Churchyard, GR 22/55.49. A. O. Chater, 1983, **NMW**. 2nd record.
- 681/1. *MELICA UNIFLORA* Retz. *94, Banffs.: Gordan Castle, Fochabers, GR 38/35.59. M. McC. Webster, 1982, field record.
- †683/4. *BROMUS INERMIS* Leys. 83, Midlothian: Musselburgh, GR 36/33.72. E. H. Jackson, 1976, E, det. A. J. Silverside. 1st post-1930 record. *99, Dunbarton: near Cardross Station, GR 26/34.77. A. McG. Stirling, 1982, E.
- 683/6. *BROMUS MADRITENSIS* L. 26, W. Suffolk: Lakenheath, GR 52/7.8. M. Southwell, 1953, **CGE**, conf. P. J. O. Trist. 2nd record.
- 683/15. *BROMUS COMMUTATUS* Schrad. 74, Wigtowns.: Lochinch, GR 25/1.6. R. Mackechnie, 1969, E. 2nd record, 1st record since 1883.
- 685/4. *ELYMUS PYCNANTHUS* (Godron) Melderis *73, Kirkcudbrights.: Auchencairn Bay, GR 25/8.5. H. Milne-Redhead, 1972, **DFS**. Carsethorn, GR 25/99.59. O. M. Stewart & A. Newton, 1982, field record. 1st and 2nd records.
- †687/jub. *HORDEUM JUBATUM* L. 41, Glam.: N. Cardiff, GR 31/13.81. G. Hutchinson, 1982, **NMW**, det. R. G. Ellis. 1st record for 50 years. *72, Dumfriess.: Riggfoot, Lochmaben, GR 35/08.83. Pasture. M. E. R. Martin, 1983, field record. *81, Berwicks.: Soutra Hill, GR 36/47.56. Road verge. M. E. Braithwaite, 1983, **herb. M. E. B.**
- 689/1. *KOELERIA CRISTATA* (L.) Pers. 79, Selkirks.: Blakehope Hill, Caddonfoot, GR 36/44.34. R. W. M. Corner, 1983, **herb. R. W. M. C.** 1st localized record.
- †692/1. *AVENA FATUA* L. *99, Dunbarton: Renton, GR 26/38.79. Barley field. A. McG. Stirling & A. Rutherford, 1983, E.
- †697/3mul. *AIRA CARYOPHYLLEA* L. subsp. *MULTICULMIS* (Dumort.) Bonnier & Layens *82, E. Lothian: S. of Macmerry, GR 36/43.71. Disused railway line. O. M. Stewart, 1981, field record.
- 701/5 × 3. *AGROSTIS STOLONIFERA* L. × *A. TENUIS* Sibth. *82, E. Lothian: E. of Drem, GR 36/53.79. Roadside verge. A. J. Silverside & E. H. Jackson, 1982, E.
- 701/4. *AGROSTIS GIGANTEA* Roth 104, N. Ebudes: Prabost, Skeabost Bridge, Skye, GR 18/41.50. Garden. C. W. Murray, 1979, **herb. C. W. M.**, det. D. R. McKean. 2nd record for Isle of Skye.
- 702/1. *APERA SPICA-VENTI* (L.) Beauv. 70, Cumberland: Great Salkeld, GR 35/55.36. Laneside. G. Halliday, 1983, **BM, LANC**. 1st record this century.
- 711/1. *HIEROCHLOE ODORATA* (L.) Beauv. *74, Wigtown: Lochinch, GR 25/1.6. R. Mackechnie, 1973, E.
- †713/2. *PHALARIS CANARIENSIS* L. 43, Rads.: Nantmel, GR 32/01.65. Tip. R. G. Woods, 1983, field record. 2nd record.

†PANICUM MILEACEUM L. 44, Carms.: near Carmarthen, GR 22/41.20. G. Hutchinson, 1983, field record. 2nd record.

†719/2. DIGITARIA SANGUINALIS (L.) Scop. 35, Mons.: Rumney, Cardiff, GR 31/21.78. A. R. Perry, 1982, NMW. 2nd record.

†720/1. SETARIA VIRIDIS (L.) Beauv. *99, Dunbarton: Balloch, GR 26/38.82. Waste ground. A. McG. Stirling, 1983, E.