

## Plant Records

Records for publication must be submitted to the appropriate Vice-county Recorder (see *B.S.B.I. Year Book for 1995*), and *not* the Editors. The records must normally be of species, hybrids or subspecies of native or naturalized plants belonging to one or more of the following categories: 1st or 2nd v.c. record; 1st or 2nd post-1930 v.c. record; only extant v.c. locality, or 2nd such locality; a record of an extension of range by more than 100 km. Such records will also be accepted for the major islands in v.cc. 102–104 and 110. Only 1st records can normally 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 vascular plants of the British Isles* by D. H. Kent (1992), from which the species' numbers, taxonomy and nomenclature are taken. The B.S.B.I. has set up a procedure to register changes to this list, and a number of records of additional species have been held over until the new arrangements can take effect. The Ordnance Survey national grid reference follows the habitat and locality. With the exception of collectors' initials, herbarium abbreviations are those used in *British and Irish herbaria* by D. H. Kent & D. E. Allen (1984). Records are field records if no other source is stated.

Records from the following vice-counties are included in the text below: 1–6, 9, 11, 13, 14, 17, 22, 24–26, 28, 29, 35, 36, 38, 41, 43–51, 58, 59, 61, 64, 68–70, 72–75, 77–81, 83, 86, 89, 91–93, 96, 98, 99, 101, 104, 108.

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.

1/4.1. *DIPHASIASTRUM ALPINUM*   **83**, Midlothian: Moorland, Mauldsie Hill, NT/316.518. C. Dixon, 1992, E, det. D. R. McKean. 1st record since 1863.

4/1.1. *EQUISETUM HYemale*   \*b78, Peebles.: Base-rich flushes, Medwyn Mains, NT/12.49. B. D. Wheeler, 1993, E, det. D. J. McCosh.

4/1.4 × 5. *EQUISETUM FLUVIATILE* × *E. ARVENSE* (*E. × LITORALE*)   \*b24, Bucks.: Edge of lake, Great Linford Gravel Pits, SP/836.430. R. Maycock, 1989, det. C. N. Page.

4/1.4 × 8. *EQUISETUM FLUVIATILE* × *E. PALUSTRE* (*E. × DYCEI*)   \*b104, N. Ebudes: Abhainn a'Ghlinne, Dalavil, Skye, NG/60.05. M. Veit, 1991, **herb.** M.V.

4/1.5 × 8. *EQUISETUM ARVENSE* × *E. PALUSTRE* (*E. × ROTHMALERI*)   \*b101, Kintyre: Shore just above water level, Auch Lochy, NR/726.228. C. D. Preston & N. F. Stewart, 1988, E, det. C. N. Page.

5/1.1. *OPHIGLOSSUM VULGATUM*   **73**, Kirkcudbrights.: Grassland, I.C.I. factory, Cargenbridge, NX/946.747. O. M. Stewart, 1993. 2nd extant locality.

†8/1.1. *PTERIS RETICULATA*   \*b5, S. Somerset: Porlock Wood, Porlock, SS/877.467. P. Green, 1993.   \*b29, Cambs.: Hole in brick wall, Market Passage, Cambridge, TL/449.585. C. D. Preston, 1993, CGE, conf. J. R. Akeroyd.

11/1.1 × 2. *POLYPODIUM VULGARE* × *P. INTERJECTUM* (*P. × MANTONIAE*)   \*b28, W. Norfolk: Ditch-side, East Winch, TF/704.159. H. Williamson, 1993, **BM**, det. A. C. Jermy.

14/1.1. *THELYPTERIS PALUSTRIS*   **41**, Glam.: Fen meadow near Cefn Cribwr, SS/8.8. J. Woodman, 1993, **NMW**, det. G. Hutchinson. Only extant locality.

15/2.4. *ASPLENIUM MARINUM*   **81**, Berwicks.: Sandstone rocks near Ladykirk, NT/8.4. M. E. Braithwaite, 1993. Confirmation of an 1838 record at an inland site 14 km from sea.

- 15/2.5a. *ASPLENIUM TRICHOMANES* subsp. *TRICHOMANES* \***50**, Denbs.: River gorge, Ysbytty Ifan, SH/817.458. J. A. Green, 1993.
- 16/3.3. *ATHYRIUM FLEXILE* **92**, S. Aberdeen: Near Derry Cairngorm, NO/0.9. D. J. McCosh, C. A. Stace & D. J. Tennant, 1993, **BM**, conf. A. C. Jermy & A. Paul. 2nd record.
- 16/4.2. *GYNNOCARPIUM ROBERTIANUM* \***46**, Cards.: Overgrown stoney mounds, Mynach Vale lead mine, SN/772.775. D. K. Reed, 1993, **NMW**.
- †17/2.1. *CYRTOMIUM FALCATUM* \***11**, S. Hants.: Wall of dock, Portsmouth Naval Base, SU/628.003. D. E. Bulloch, 1992, **herb. R. P. Bowman**, det. E. J. Clement.
- 17/3.5. *DYMOPTERIS AEMULA* **41**, Glam.: Sandstone cliff in oak woodland near Blackmill, Bridgend, SS/9.8. P. S. Jones, N. Ward & A. J. Williams, 1993, **NMW**, det. G. Hutchinson & Q. O. N. Kay. Only extant locality. \***73**, Kirkcudbrights.: Shaded rocks, Castramont Burn, NX/592.617. R. Tydewell, 1989, refound by P. Ripley & O. M. Stewart, 1993.
- 17/3.8 × 9. *DYMOPTERIS CARTHUSIANA* × *D. DILATATA* (*D. × DEWEVERI*) \***50**, Denbs.: Shore of Alwen Reservoir, SH/927.554. G. Battershall, 1993, det. A. C. Jermy.
- †19/1.1. *AZOLLA FILICULOIDES* \***46**, Cards.: Ditch E. of Llangorwen church, SN/603.838. S. P. Chambers, 1993. Covering surface of fish pond, Llain-wen, SN/392.550. R. J. Williams, 1993, **NMW**. 1st and 2nd records.
- 27/1.1. *CERATOPHYLLUM DEMERSUM* \***99**, Dunbarton: Forth & Clyde Canal between Temple and Kelvindale, NS/55.69. K. J. Watson & K. J. Murphy, 1988.
- †28/6.1 × var. *ACONITUM NAPELLUS* × *A. VARIEGATUM* (*A. × CAMMARUM*) \***77**, Lanarks.: Trackside, Craigend, NS/82.33. P. Macpherson, 1993, **herb. P.M.**
- 28/13.4. *RANUNCULUS SARDOUS* **38**, Warks.: Edge of cereal crop, Wellesbourne, SP/286.542. M. J. Senior, 1992, **WAR**, det. J. M. Mullin. 1st post-1930 record. **50**, Denbs.: Gravel near the sea, Foryd, Rhyl, SH/991.808. J. A. Green, 1993. 2nd extant locality. **75**, Ayrs.: By muddy farm track, Standard Farm, Barrhill, NX/264.818. J. McCleary, 1993, **GLAM**, conf. A. McG. Stirling. 2nd, and 1st recent, record.
- 28/13.10. *RANUNCULUS AURICOMUS* **108**, W. Sutherland: Deciduous woodland, Strath Beag, Loch Eriboll, NC/390.514. M. Barron, 1993. 2nd record.
- 28/15.1. *MYOSURUS MINIMUS* **3**, S. Devon: Hundreds of plants on damp edge of green lane near Colyton, SY/23.95. L. J. Margetts, 1991. 1st post-1930 record.
- 28/17.3. *THALICTRUM FLAVUM* \***45**, Pembs.: *Phragmites australis*-dominated fen, Castlemartin Corse, SR/900.997. J. O. Mountford, 1984.
- 30/1.5b. *PAPAVER DUBIUM* subsp. *LECOQII* **46**, Cards.: Vegetated waste ground, Penrhyn-coch, SN/638.839. S. P. Chambers, 1993. 2nd record.
- 30/1.6. *PAPAVER HYBRIDUM* **5**, S. Somerset: Arable field, Kilton, Nether Stowey, ST/160.451. I. Green, 1993. 1st record since 1897.
- 30/5.1. *CHELIDONIUM MAJUS* †**81**, Berwicks.: Woodland edge by road near Lennel, NT/849.406. M. E. & P. F. Braithwaite, 1993. Only extant locality.
- 31/4.1. *CERATOCAPNOS CLAVICULATA* **104**, N. Ebudes: Boulder scree N. of Eyre, Raasay, NG/577.351. S. J. Bungard, 1993, conf. C. W. Murray. Only extant locality on Raasay.
- 31/5.3. *FUMARIA BASTARDII* **79**, Selkirks.: Disturbed ground, Boleside, Galashiels, NT/500.335. M. E. Braithwaite, 1992, **herb. R. W. M. Corner**, det. M. G. Baker. 2nd record, 1st since 1930.
- 31/5.8. *FUMARIA DENSIFLORA* **61**, S.E. Yorks.: Arable field on chalk, Etton Wood, SE/945.433. J. Dews, 1993, det. M. G. Daker. Only extant locality and 1st record of a native population.

†40/2.2. *ALNUS INCANA* \*77, Lanarks.: Marshy ground, Hamilton, NS/72.55. P. Macpherson, 1993, **herb. P.M.**

†43/1.3. *CHENOPODIUM CAPITATUM* \*13, W. Sussex: Maize field S. of Coates Common, SU/998.172. H. W. Matcham & N. J. H. Sturt, 1993, det. J. M. Mullin.

43/1.6. *CHENOPODIUM RUBRUM* 46, Cards.: Abundant on manure heap, Tygwyn, SH/523.647. A. O. Chater, 1993. 2nd post-1930 record.

43/3.2. *ATRIPLEX PROSTRATA* 81, Berwicks.: Verge of A697 near Crook's Lodge, NT/815.405. M. E. Braithwaite, 1993, **herb. M.E.B.** 1st inland record.

43/3.2 × 4. *ATRIPLEX PROSTRATA* × *A. LONGIPES* (*A. × GUSTAFSSONIANA*) \*46, Cards.: Bare disturbed mud in saltmarsh, W. bank of Afon Leri, Ynys-las, SN/616.934. A. O. Chater, 1993, **NMW**.

43/3.5. *ATRIPLEX PRAECOX* 104, N. Ebudes: Seashore, Eilean Tigh, Raasay, NG/609.533. S. J. Bungard, 1990, E, det. D. R. McKean. 1st Raasay record.

43/3.6. *ATRIPLEX LITTORALIS* \*35, Mons.: Margin of old sludge pond, Alpha Steel Works, Newport, ST/338.848. T. G. Evans & M. Jones, 1993, **NMW**. \*46, Cards.: Bare disturbed mud in saltmarsh, W. bank of Afon Leri, Ynys-las, SN/616.934. A. O. Chater, 1993, **NMW**. Stoney ground at top of saltmarsh, E. side of Aberystwyth harbour, SN/582.811. A. O. Chater, 1993, **NMW**. 1st and 2nd records.

43/3.10. *ATRIPLEX PORTULACOIDES* †\*46, Cards.: Edges of creeks in saltmarsh, Dyfi estuary, SN/641.941. A. O. Chater, 1993, **NMW**. Planted in 1950s by E. H. Chater, now naturalized over several hectares.

43/8.1. *SALSOLA KALI* 104, N. Ebudes: Sandy shore, Laig, Eigg, NM/46.88. J. Bevan, P. F. Braithwaite & C. W. Murray, 1992. Only extant locality on Eigg.

46/1.1c. *ARENARIA SERPYLLIFOLIA* subsp. *LEPTOCLADOS* \*81, Berwicks.: Ha-ha, The Hirsel, NT/828.409. M. E. Braithwaite, 1993, **herb. M.E.B.**, det. G. Halliday.

46/4.2. *MINUARTIA Verna* †\*41, Glam.: Site of abandoned experimental plots on smelter waste tips, Pentre-chwyth, Swansea, SS/669.953. S. J. Wainwright, 1993, conf. C. R. Hipkin. Probably a deliberate but unrecorded introduction.

46/7.7b. *CERASTIUM FONTANUM* subsp. *HOLOSTEOIDES* \*73, Kirkcudbrights.: Damp rock ledge near Door of Cairnsmore of Fleet, NX/512.643. O. M. Stewart, 1993.

46/7.12. *CERASTIUM SEMIDECANDRUM* 79, Selkirks.: Top of old wall, Newark Castle, Yarrow, NT/422.294. R. W. M. Corner, 1993, **herb. R.W.M.C.** 2nd record.

46/9.1. *MOENCHIA ERECTA* 44, Carms.: Dry S.-facing rocky bank, Cwm Crychan, SN/820.390. I. K. Morgan, 1992. 2nd extant locality.

†46/18.1. *LYCHNIS CORONARIA* \*46, Cards.: Vegetated ballast of long-disused railway, site of Llanfarian station, SN/591.778. S. P. Chambers, 1993. Well established and persistent.

†47/1.7. *PERSICARIA AMPLEXICAULIS* \*77, Lanarks.: Rough grassy bank, Cessnock, Glasgow, NS/56.64. E. K. Lindsay & P. Macpherson, 1993, **herb. P.M.**

47/1.8. *PERSICARIA VIVIPARA* 73, Kirkcudbrights.: In two flushes, Cairnsmore of Fleet, NX/512.653 & 517.644. D. Hawker, 1992. 2nd record.

†47/5.1 × 2. *FALLOPIA JAPONICA* × *F. SACHALINENSIS* (*F. × BOHEMICA*) \*3, S. Devon: Edge of carpark, Trenchford Reservoir, SX/804.824. L. J. Margetts & W. H. Tucker, 1992, **herb. L.J.M.** \*69, Westmorland: Beck Head, Witherslack, SD/446.846. T. C. G. Rich & M. Baecker, 1991, **LANC**, det. A. P. Conolly & J. P. Bailey.

47/4.6. *POLYGONUM RURIVAGUM* \*68, Cheviot: Gravel by road near roundabout on A1, Berwick, NT/990.547. M. E. Braithwaite, 1992, **herb. G. A. Swan**, det. J. R. Akeroyd.

47/8.8 × 13. *RUMEX LONGIFOLIUS* × *R. CRISPUS* (*R. × PROPINQUUS*) \*79, Selkirks.: With parents on waste ground, A7 3 km S. of Selkirk, NT/468.250. R. W. M. Corner, 1993, **herb.** **R.W.M.C.**, det. J. R. Akeroyd.

47/8.15 × 19. *RUMEX SANGUINEUS* × *R. OBTUSIFOLIUS* (*R. × DUFFTII*) \*46, Cards.: With parents on waste ground, Glanyrafon Industrial Estate, Llanbadarn Fawr, SN/611.803. A. O. Chafer, 1992, **NMW**, det. J. R. Akeroyd.

47/8.21. *RUMEX MARITIMUS* 81, Berwicks.: Muddy edge of pool in fen, Lithtillum Loch, NT/80.40. M. E. Braithwaite, 1993. Only extant locality.

50/1.1. *ELATINE HEXANDRA* \*96, Easterness: Loch Dochfour, NH/607.387. N.C.C. Loch Survey Team, 1988.

51/1.6 × 7. *HYPERICUM PERFORATUM* × *H. MACULATUM* subsp. *OBTUSIUSCULUM* (*H. × DESETANGSII* nothosubsp. *DESETANGSII*) \*24, Bucks.: Calcareous bank of disused railway, Buckingham, SP/698.330. R. Maycock & A. Woods, 1989, det. N. K. B. Robson. \*44, Carms.: Hay meadow, Pencarreg, SN/567.460. H. J. Killick, 1985, **NMW**. Roadside, farm above Goitre, SN/373.234. J. Bevan, H. J. Killick & M. E. Smith, 1992, **NMW**. 1st and 2nd records, both det. N. K. B. Robson.

52/1.1. *TILIA PLATYPHYLLOS* 50, Denbs.: Hedgerow, Colwyn Bay, SH/835.809. G. Battershall, 1993. 2nd record.

†53/1.6. *MALVA PUSILLA* 4, N. Devon: Recently disturbed area, Kenwith Nature Reserve, Bideford, SS/448.272. W. H. Tucker, 1993. 1st post-1930 record.

53/2.1. *LAVATERA ARBOREA* 50, Denbs.: Hedgerow, Llysfaen, SH/899.784. G. Battershall, 1993. 2nd record. 51, Flints.: Disturbed ground near dunes, Ffrith Beach, Prestatyn, SJ/047.833. J. Phillips, 1992. 1st post-1930 record.

53/2.2. *LAVATERA CRETICA* †\*3, S. Devon: Waste ground, Topsham Quay, SX/966.877. L. J. Margetts, 1991, **BM**, det. N. K. B. Robson.

†54/1.1. *SARRACENIA PURPUREA* 98, Main Argyll: In *Sphagnum* at margin of bog pools, Rannoch Moor, NN/3.4. J. Rees, 1992. 31 plants counted by G. P. Rothero & B. H. Thompson, 13 July 1993.

59/1.1. *FRANKENIA LAEVIS* †\*3, S. Devon: Face of low cliff, Lympstone, SX/989.838. R. Lawrence, 1986.

61/2.5 × 9 × 11. *SALIX PURPUREA* × *S. VIMINALIS* × *S. CINEREA* (*S. × FORBYANA*) \*77, Lanarks.: Shingle, Glengavel Water, NS/64.36. P. Macpherson, 1993, **herb.** **P.M.**, det. R. D. Meikle.

†61/2.6. *SALIX DAPHNOIDES* \*77, Lanarks.: Grassy river-bank, Meadowside, NS/55.66. P. Macpherson, 1991, **herb.** **P.M.**, det. R. D. Meikle.

61/2.9 × 10. *SALIX VIMINALIS* × *S. CAPREA* (*S. × SERICANS*) \*75, Ayrs.: Gailes Marsh, Irvine, NS/32.36. K. J. Watson, 1992.

61/2.9 × 16. *SALIX VIMINALIS* × *S. REPENS* (*S. × FRIESIANA*) \*69, Westmorland: Sandy car-park, Sandscale, SD/200.757. P. Burton, 1993, **LANC**, det. R. D. Meikle. 3rd British record.

61/2.10b. *SALIX CAPREA* subsp. *SPHACELATA* \*78, Peebles.: Steep hill slope, Talla Linns, NT/138.202. N. P. Ashmole, 1993, **E**, det. D. R. McKean & R. D. Meikle.

61/2.10 × 14. *SALIX CAPREA* × *S. MYRSINIFOLIA* (*S. × LATIFOLIA*) \*104, N. Ebudes: Rocky outcrop below bridge over R. Lealt, Skye, NG/516.604. C. Westall, 1989, **E**, det. R. D. Meikle.

61/2.11 × 16. *SALIX CINEREA* × *S. REPENS* (*S. × SUBSERICEA*) \*11, S. Hants.: Heathland, Whitten Bottom, SU/204.006. G. H. Forster, 1993, **herb.** **R. P. Bowman**, det. R. D. Meikle.

61/2.14 × 15. *SALIX MYRSINIFOLIA* × *S. PHYLICIFOLIA* (*S. × TETRAPLA*) \*93, N. Aberdeen: Roadside by moorland, Glass, NJ/445.382. D. Welch, 1993, **ABD**, det. R. D. Meikle.

†62/1.6. *SISYMBRIUM ORIENTALE* \*99, Dunbarton: Waste ground near river bank, Dumbarton Common, NS/39.76. A. McG. Stirling, 1993, **GLAM**.

- †62/9.1. *MALCOLMIA MARITIMA* \*49, Caerns.: Marine embankment below Môr Hel Hotel, Criccieth, SH/498.377. R. E. Hughes, 1987, NMW.
- 62/10.1. *MATTHIOLA INCANA* †46, Cards.: Well naturalized on vegetated shingle, Borth, SN/608.891. A. O. Chater, 1993, NMW. 2nd record, 1st since 1930.
- 62/12.3. *RORIPPA ISLANDICA* \*44, Carms.: River shingle, River Bran N. of Llandovery, SN/783.362. R. D. Pryce, 1981, NMW. Muddy hollow in silage field near Newcastle Emlyn Castle, SN/319.408. A. O. Chater & T. C. G. Rich, 1993, NMW. 1st and 2nd records, both det. T. C. G. Rich. 46, Cards.: Muddy hollow in old ox-bow near Newcastle Emlyn Castle, SN/312.405. A. O. Chater & T. C. G. Rich, 1993, NMW, det. T. C. G. Rich. 2nd record.
- 62/12.5 × 6. *RORIPPA SYLVESTRIS* × *R. AMPHIBIA* (*R. × ANCEPS*) \*61, S.E. Yorks.: Winter-flooded marshy grassland, Wheldrake Ings, SE/704.438. C. D. Preston, 1993, CGE.
- †62/14.4. *CARDAMINE RAPHAENIFOLIA* 79, Selkirks.: Edge of R. Yarrow below Newark Castle, NT/422.293. R. W. M. Corner, 1993, **herb. R.W.M.C.** 2nd record.
- 62/21.4. *DRABA MURALIS* †79, Selkirks.: Old walls, Newark Castle, Yarrow, NT/422.294. R. W. M. Corner, 1993, **herb. R.W.M.C.** Introduced as seed 10 years ago. 1st record since 1875.
- 62/22.3. *EROPHILA GLABRESCENS* 46, Cards.: Rabbit-grazed sandy grassland, Penyrgyd dunes, SN/162.485. A. O. Chater, 1991, NMW, det. T. T. Elkington. 2nd record. \*73, Kirkcudbrights.: Crevices in road and pavement, Black Water Bridge, NX/616.883. O. M. Stewart, 1993.
- 62/23.3. *COCHLEARIA OFFICINALIS* 81, Berwicks.: Bank of A1, Bowshiel Wood, NT/794.670. M. E. & P. F. Braithwaite, 1993. 1st inland record.
- 62/23.5. *COCHLEARIA DANICA* 81, Berwicks.: Verge of A1, Brockholes, NT/823.648. M. E. & P. F. Braithwaite, 1993. 1st inland record.
- 62/27.1. *TEESDALIA NUDICAULIS* \*81, Berwicks.: Near Gaitheugh, NT/5.3. A. Brotherston, 1877, **BM.**
- 62/31.1. *CORONOPUS SQUAMATUS* \*77, Lanarks.: Rough bank, Coatbridge, NS/71.67. P. Macpherson, 1993, **herb. P.M.**
- †62/34.4. *BRASSICA JUNcea* 41, Glam.: Flower-bed, Hill's Street, The Hayes, Cardiff, ST/186.764. K. L. Davies, 1986, NMW, det. T. C. G. Rich. Still present in 1993. Only extant locality.
- †62/37.1b. *COINCYA MONENSIS* subsp. *RECURVATA* \*58, Cheshire: Waste ground, Bromborough Dock, SJ/346.854. V. Gordon & K. Watson, 1992, **herb. G. M. Kay**, det. T. C. G. Rich.
- 62/41.1. *CRAMBE MARITIMA* 75, Ayrs.: Shingle N. of Girvan Mains, NS/19.00. A. McG. Stirling et al., 1993. 2nd extant locality.
- 65/10.2. *ARCTOSTAPHYLOS ALPINUS* 104, N. Ebudes: Windswept ridge, Beinn Bhuidhe, Skye, NG/77.21. C. W. Murray, 1990, **herb. C.W.M.** 1st record since 1772 record from same area.
- 69/6.3. *ANAGALLIS MINIMA* 104, N. Ebudes: Rubha na Cloiche, NG/565.337, & near Eyre, NG/572.339, Raasay. S. J. Bungard, 1993. 1st Raasay records.
- †72/1.1. *ESCALLONIA MACRANTHA* \*46, Cards.: Self-sown plants on cliff, E. side of Ystwyth estuary, Aberystwyth, SN/580.806. A. O. Chater, 1993, NMW.
- 73/1.1. *CRASSULA TILLAEA* \*13, W. Sussex: Sandy arable field near Bignor Park Cottage, SU/990.169. M. Edwards, 1993, conf. M. Briggs.
- †73/1.3. *CRASSULA HELMSII* \*35, Mons.: Edge of stream, Trethomas, ST/187.886. J. Woodman, 1992, NMW. Margin of borrow pit, Monmouth, SO/503.127. J. F. Harper, 1992, NMW. 1st and 2nd records, both conf. T. G. Evans. \*49, Caerns.: Pond, Port Meirion village, SH/58.37. R. G. Ellis, 1993. \*91, Kincardines.: Pool in rocks above high water-mark, Cove Bay, NJ/957.007. D. Welch, 1993, **ABD.** \*104, N. Ebudes: Pond in grounds of Skeabost House Hotel, Skye, NG/413.487. C. W. Murray, C. D. Preston & N. F. Stewart, 1989, **herb. C.W.M.**

- †73/5.8. *SEDUM STOLONIFERUM* \*4, N. Devon: Roadside verge under trees, Ayshford, ST/045.160. L. J. Margetts & W. H. Tucker, 1990, det. H. J. M. Bowen.
- †73/5.17. *SEDUM DASYPHYLLUM* 50, Denbs.: Rhos-on-sea, SH/843.808. G. Battershall, 1993. 2nd extant locality.
- †74/1.2. *ASTILBE RIVULARIS* \*98, Main Argyll: Clearing in estate woodland N. of Inveraray Castle, NN/096.099. B. H. Thompson, 1993, **BM**, det. J. M. Mullin.
- †74/5.8 × 9. *SAXIFRAGA UMBROSA* × *S. SPATHULARIS* (*S. × URBIUM*) 50, Denbs.: Damp wood, Nant y Garth Pass, Ruthin, SJ/150.518. J. A. Green, 1993. Only extant locality.
- †75/1.2. *SORBARIA TOMENTOSA* \*29, Cambs.: Old wall, Humberstone Road, Cambridge, TL/458.595. G. M. S. Easy, 1993, **herb.** **G.M.S.E.**
- †75/4.1. *ARUNCUS DIOICUS* \*47, Monts.: Meadow below Powis Castle, Welshpool, SJ/216.063. G. Hutchinson, 1989. 1st Welsh record.
- 75/8.14. *RUBUS ARRHENIIFORMIS* \*9, Dorset: Common land, Lambert's Castle, SY/36.98. L. J. Margetts, 1991, **herb.** **L.J.M.**, det. A. Newton. \*28, W. Norfolk: Wet heath and scrub, East Winch, TF/70.14. A. L. Bull, 1993, conf. A. Newton.
- 75/8.27. *RUBUS PLICATUS* \*104, N. Ebudes: Skeabost, Skye, NG/41.48. A. Newton, 1991, **herb.** **A.N.**
- 75/8.50. *RUBUS EBUDENSIS* \*104, N. Ebudes: Side of B884, Colbost, Skye, NG/212.492. A. Newton, 1991, **herb.** **A.N.**
- 75/8.51. *RUBUS ERRABUNDUS* \*2, E. Cornwall: Scrub on heathy hill, Kit Hill, SX/376.715. R. W. Gould, 1993, det. A. Newton.
- †75/8.55. *RUBUS LACINIATUS* \*75, Ayrs.: Daljarrock, Colmonell, NX/1.8. R. C. L. Howitt, 1970, **GLAM**.
- 75/8.68. *RUBUS PERDIGITATUS* \*3, S. Devon: Ride in forestry plantation, Trinity Hill, Axminster, SY/305.954. L. J. Margetts, 1992, **herb.** **L.J.M.**, det. A. Newton.
- 75/8.76. *RUBUS PYRAMidalIS* \*104, N. Ebudes: Kyle Farm road, Skye, NG/74.25. A. Newton, 1991, **herb.** **A.N.**
- 75/8.82. *RUBUS SILURUM* \*69, Westmorland: Single large bush by side of farm road to Beckside Hall, Middleton, SD/628.882. G. Halliday, 1993, **LANC**, conf. A. Newton. Northernmost known locality.
- 75/8.90. *RUBUS AMPLIFICATUS* \*80, Roxburghs.: Railway S. of Newcastletown, NY/4.8. C. W. Muirhead, 1969, **GLAM**, det. A. McG. Stirling.
- 75/8.92. *RUBUS BOUDICCAE* \*9, Dorset: Woodbury Hill near Bere Regis, SY/85.94. M. Porter, 1991.
- 75/8.93. *RUBUS CARDIOPHYLLUS* \*2, E. Cornwall: Scrub, Red Lake Reserve between Lostwithiel and Lerryn, SX/12.58. A. Newton, 1988.
- †75/8.102. *RUBUS ELEGANTISPINOSUS* \*69, Westmorland: Hedge, Arrad Foot, Greenodd, SD/306.813. G. Halliday, 1993, **LANC**, det. A. Newton.
- 75/8.111. *RUBUS MILFORDENSIS* \*11, S. Hants.: Single bush by gateway by Dunwood near Romsey, SU/306.230. D. E. Allen, 1985, **BM**, conf. A. Newton.
- 75/8.116. *RUBUS PISTORIS* \*9, Dorset: Lightly wooded heath, Bewley Down, ST/28.06. L. J. Margetts, 1988, **herb.** **A. Newton**, det. A.N.
- 75/8.125. *RUBUS SUBINERMOIDES* \*104, N. Ebudes: Po tree, Skye, NG/47.43. A. Newton, 1991, **herb.** **A.N.**

- +75/8.134. *RUBUS ARMENIACUS* \*70, Cumberland: Verge of lane W. of Renwick, NY/575.440. G. Halliday, 1993, LANC, conf. A. Newton. \*75, Ayrs.: Embankment of disused railway, Parkhouse Community Nature Reserve, Ardrossan, NS/23.42. A. McG. Stirling, 1993.
- 75/8.140. *RUBUS ROSENSESSIS* \*2, E. Cornwall: Path by Lower Tamar Lake, SS/294.110. W. H. Tucker, 1993, conf. A. Newton.
- 75/8.143. *RUBUS WINTERI* \*3, S. Devon: Under roadside trees near Exmouth, SY/02.83. R. D. Randall, 1991, conf. A. Newton.
- 75/8.144. *RUBUS ADSCITUS* \*9, Dorset: Hedgerow, Hawkchurch, SY/34.99. L. J. Margetts, 1988, **herb. A. Newton**, det. A.N.
- 75/8.159. *RUBUS ORDOVICUM* \*50, Denbs.: Hedge, Capel Garmon, SH/812.582. G. Battershall, 1993, conf. A. Newton.
- 75/8.169. *RUBUS FUSCICORTEX* \*50, Denbs.: Hedge, Capel Garmon, SH/812.582. G. Battershall, 1993, conf. A. Newton.
- 75/8.176. *RUBUS AEQUALIDENS* \*3, S. Devon: W. of Dawlish, SX/93.76. R. D. Randall, 1991, **herb. R.D.R.**, conf. A. Newton.
- 75/8.188. *RUBUS HETEROBELUS* \*3, S. Devon: Lympstone Common, SY/03.85. R. D. Randall, 1991, **herb. R.D.R.**, conf. A. Newton.
- 75/8.199. *RUBUS RADULOIDES* \*70, Cumberland: Hedge by road W. of Rose Castle, Nether Welton, NY/363.464. G. Halliday, 1993, LANC, det. A. Newton.
- 75/8.239. *RUBUS INSECTIFOLIUS* \*2, E. Cornwall: Scrub, Red Lake Reserve between Lostwithiel and Lerryn, SX/12.58. A. Newton, 1988.
- 75/8.242. *RUBUS LONGITHYRSIGER* \*9, Dorset: Woodland, Bewley Down, ST/28.06. L. J. Margetts, 1988, **herb. A. Newton**, det. A.N.
- 75/8.243. *RUBUS MALVERNICUS* \*3, S. Devon: Shady roadside, Venn Ottery, SY/064.915. R. Gould, L. J. Margetts & R. D. Randall, 1992, **herb. L.J.M.**, det. A. Newton.
- 75/8.253. *RUBUS RUDIS* \*28, W. Norfolk: Conifer plantation, Shouldham Warren, TF/66.10. A. L. Bull, 1993, conf. A. Newton.
- 75/8.280. *RUBUS PHAEOCARPUS* \*9, Dorset: Footpath across Warmwell Heath, SY/758.872. D. E. Allen, 1993, BM, conf. A. Newton.
- 75/8.286. *RUBUS SCABRIPES* \*17, Surrey: One large bush on margin of woodland, Hoimbury Hill, TQ/098.432. Surrey Flora Committee meeting, 1993, det. D. E. Allen & A. Newton.
- 75/8.312. *RUBUS LATIFOLIUS* \*104, N. Ebudes: Roadside verge, Elgol, Skye, NG/528.146. M. Gregory, 1989, **herb. C. W. Murray**, det. A. Newton.
- 75/8.319. *RUBUS TUBERCULATUS* \*77, Lanarks.: Grassy waste ground, Kenmuir, Glasgow, NS/66.62. P. Macpherson & A. McG. Stirling, 1993, **herb. P.M.**
- +75/9.9. *POTENTILLA NORVEGICA* 80, Roxburghs.: Waste ground by the Slitrig, Whitlaw, Hawick, NT/499.134. R.W. M. Corner, 1992, **herb. R.W.M.C.** 2nd record.
- 75/9.13b. *POTENTILLA ERECTA* subsp. *STRICTISSIMA* \*3, S. Devon: Gorse scrub, Hackpen Hill, Culmstock, ST/111.119. Gorse scrub, North Hill near Broadhembury, ST/096.065. Both L. J. Margetts, 1993, NCE, det. A. J. Richards. 1st and 2nd records. \*4, N. Devon: Rough grassland, Marshall Farm estate, Woolfardisworthy, SS/310.185. M. Bristow & W. H. Tucker, 1993, **herb. L. J. Margetts**, conf. L.J.M. \*5, S. Somerset: Foches Corner, West Buckland, ST/183.172. L. J. Margetts, 1993, det. A. J. Richards. \*46, Cards.: With subsp. *erecta* in dense *Calluna vulgaris*/ *Empetrum nigrum* heath, Draws Drum E. of Ponterwyd, SN/797.805. Bank in conifer forest, Myherin valley E. of Ysbyty Cynfyn, SN/772.790. Both A. O. Chater, 1991, NMW, conf. B. Harold. 1st and 2nd records.

75/9.14. *POTENTILLA ANGLICA* \*93, N. Aberdeen: Grassland on abandoned railway, Ellon, NJ/947.305. D. Welch, 1993, **ABD**.

75/9.14 × 15. *POTENTILLA ANGLICA* × *P. REPTANS* (*P. × MIXTA*) \*46, Cards.: Laneside grassy bank, Felin Ganol, Penparc, SN/199.487. A. O. Chater, 1991, **NMW**. Mown grassland, R.A.E. site, Aberporth, SN/241.522. A. O. Chater, 1992, **NMW**. 1st and 2nd records, both conf. B. Harold.

75/13.3. *GEUM MACROPHYLLUM* \*46, Cards.: Abundant in wooded dingle and on roadside banks and verges, Cwmyrolchfa N. of Bronnant, SN/640.688. G. Jones, 1993, **NMW**, det. A. O. Chater. Known here to site owner for 40 years.

75/15.2. *AGRIMONIA PROCERA* 28, W. Norfolk: Pasture, Larling, TL/963.903. J. Humphris, 1993. Only extant locality. †104, N. Ebudes: Edge of woodland path, Cuillin Hills estate, Portree, Skye, NG/48.43. J. E. Duncan & H. Lefevre, 1982, **herb. C. W. Murray**. 1st Skye record.

†75/18.1. *ACAENA NOVAE-ZELANDIAE* \*46, Cards.: Shaley slopes under pines, U.C.W. Campus, Aberystwyth, SN/597.817. S. P. Chambers, 1993.

†75/19.5. *ALCHEMILLA TYTTHANTHA* \*77, Lanarks.: Rough grassland, Cuningar Loop, Glasgow, NS/62.63. K. J. Watson, 1990, **GL**, conf. S. M. Walters.

†75/21.8. *ROSA GLAUCA* \*17, Surrey: Self-sown in rough grass, Bagshot Heath, SU/903.632. S. Berrett & K. Page, 1993.

75/21.11 × 12. *ROSA STYLOSA* × *R. CANINA* (*R. × ANDEGAVENSIS*) \*17, Surrey: Scrub around old farm pond, Dormansland, TQ/428.404. G. Fookes, 1993, det. A. L. Primavesi.

75/21.12 × 14. *ROSA CANINA* × *R. OBTUSIFOLIA* (*R. × DUMETORUM*) \*25, E. Suffolk: Sea-wall, Buss Creek Marshes, Southwold, TM/495.761. C. D. Preston & S. E. Yates, 1992, det. A. L. Primavesi.

75/21.17. *ROSA MOLLIS* \*75, Ayrs.: Garnock Floods, Irvine, NS/30.41. K. J. Watson, 1992. Sandy waste ground, I.C.I. Nobel Works site, Ardeer, NS/28.40. A. McG. Stirling, 1993. 1st and 2nd records.

75/21.19. *ROSA MICRANTHA* \*26, W. Suffolk: Roadside verge near Mayday Farm, Brandon, TL/796.833. C. D. Preston, 1992, det. A. L. Primavesi. 1st post-1930 record.

†75/22.7. *PRUNUS CERASUS* 50, Denbs.: Hedge, Cefn Berain, SH/979.687. J. A. Green, 1993. Only extant locality.

†75/22.13. *PRUNUS LUSITANICA* \*49, Caerns.: Bird-sown plants in grassland, Brynian Farm near Llanbedr-y-Cennin, SH/785.719. R. Lewis, 1993, **NMW**.

75/28.24. *SORBUS TORMINALIS* 41, Glam.: Carboniferous limestone cliff, Castell Coch woodlands, ST/128.828. G. M. Barter, 1992. 2nd extant locality.

†75/32.5. *COTONEASTER AFFINIS* \*3, S. Devon: Edge of East Budleigh Common, SY/040.847. L. J. Margetts, 1991, **herb. L.J.M.**, det. J. Fryer & J. R. Palmer. \*46, Cards.: Ty-rhos near Plwmp, SN/371.513. M. Evans, 1978, **NMW**, det. J. Fryer. Still present 1993, when dominant in roadside hedges and with abundant self-sown seedlings.

†75/32.10. *COTONEASTER SALICIFOLIUS* 41, Glam.: Railway cutting, Gabalfa, ST/166.791. G. Hutchinson, 1986, **NMW**, det. J. Fryer. 2nd record. \*47, Monts.: Scrub on limestone, Llanymynech Rocks, SJ/260.217. J. Pedlow & M. Wainwright, 1989, det. J. Fryer.

†75/32.11 × 18. *COTONEASTER DAMMERI* × *C. CONSPICUUS* (*C. × SUECICUS*) \*41, Glam.: Waste ground, Bridgend Industrial Estate, SS/92.79. G. Hutchinson, 1990, **NMW**, det. J. Fryer.

†75/32.16. *COTONEASTER INTEGRIFOLIUS* \*77, Lanarks.: Carrick Quay, Glasgow, NS/59.64. P. Macpherson, 1992, **herb. P.M.**, conf. J. Fryer.

†75/32.18. *COTONEASTER CONSPICUUS* \*41, Glam.: Railway embankment, Gabalfa, ST/168.791. G. Hutchinson, 1986, **NMW**, det. J. Fryer. \*49, Caerns.: Steep roadside slope between

Tyn-y-Groes and Talycafn Bridge, SH/785.719. R. Lewis, 1992, NMW, conf. J. Fryer. 1st Welsh records.

†75/32.21. *COTONEASTER HORIZONTALIS* \*47, Monts.: Disused limestone quarry, Llanymynech Rocks, SJ/264.217. H. Webster, 1986. \*73, Kirkcudbrights.: Amongst willows in quarry E. of Creetown, NX/500.585. O. M. Stewart, 1992. \*75, Ayr.: Embankment of disused railway, Parkhouse Community Nature Reserve, Ardrossan, NS/23.42. A. McG. Stirling, 1993.

†75/32.22. *COTONEASTER HJELMQVISTII* \*41, Glam.: Railway embankment, Gabalfa, ST/168.791. G. Hutchinson, 1986, NMW, det. J. Fryer.

†75/32.34. *COTONEASTER BULLATUS* \*25, E. Suffolk: Open woodland, The Dales, Ipswich, TM/155.462. M. A. Hyde, 1981. Ditch, Piper's Vale, Ipswich, TM/175.416. T. Hutton, 1993, det. E. M. Hyde. Both **herb. E. & M. Hyde**. 1st and 2nd records. \*26, W. Suffolk: Roadside hedge, Harper's Hill, Nayland, TL/967.334. B. H. Harley, 1993, IPS, det. G. M. S. Easy. \*47, Monts.: Limestone scree, Llanymynech Rocks, SJ/260.218. R. Dawes & I. C. Trueman, 1989, det. J. Fryer. \*75, Ayr.: Embankment of disused railway, Parkhouse Community Nature Reserve, Ardrossan, NS/23.42. A. McG. Stirling, 1993.

†75/32.35. *COTONEASTER REHDERI* \*46, Cards.: Scrub below A487 S.W. of Ffos-y-ffin, SN/444.601. A. O. Chater, 1993, NMW. \*49, Caerns.: Woodland, Bryn Maelgwyn S. E. of Llandudno, SH/797.805. R. Lewis, 1991, NMW, det. J. Fryer. Edge of woodland between Pontwgan and Roewen, SH/7.7. R. Lewis, 1993. 1st and 2nd records.

†75/32.37. *COTONEASTER DIELSIANUS* \*47, Monts.: Woodland on limestone, Llanymynech Hill, SJ/266.217. M. Wainwright, 1989, det. J. Fryer.

†75/32.40. *COTONEASTER STERNIANUS* \*4, N. Devon: Wall above river-bank, Hillsford Bridge, SS/742.478. W. H. Tucker, 1988, det. J. R. Palmer. Still present in 1993. \*29, Cambs.: Bramble thickets on waste ground, Wisbech, TF/462.103. G. M. S. Easy, 1993, **herb. G.M.S.E.** \*41, Glam.: Waste ground, Birchgrove, Cardiff, ST/165.804. A. D. Tipper, 1988, NMW, det. J. Fryer. \*44, Carms.: Lane to Waungron Farm, S. of Llanybydder, SN/52.42. G. Hutchinson, 1991, NMW, det. J. Fryer. Stradey Woods, Llanelli, SN/495.014. I. K. Morgan, c.1969, NMW, det. G. Hutchinson.

77/4.2. *ASTRAGALUS DANICUS* \*108, W. Sutherland: Sandy grassland, Bay of Clachtoll, NC/040.273. A. McG. Stirling & A. A. P. Slack, 1993.

†77/7.1d. *ANTHYLLIS VULNERARIA* subsp. *CARPATICA* \*25, E. Suffolk: Verge of bridle-path and farm-track, Wherstead, TM/147.413. Ipswich District Natural History Society, 1993, IPS, det. J. R. Akeroyd.

77/14.12. *VICIA LATHYROIDES* 79, Selkirks.: Old wall top, Newark Castle, Yarrow, NT/422.294. D. J. Methven, 1993. 1st record since 1926 record in this locality.

77/14.13. *VICIA LUTEA* †58, Cheshire: Road bank, Tarvin, SJ/496.661. M. Stead, 1991, **herb. G. M. Kay**. 1st record since 1862.

77/15.2. *LATHYRUS JAPONICUS* 11, S. Hants.: Bare shingle, Hurst Castle Spit, SZ/319.898. G. D. Field, 1993, conf. R. P. Bowman. Only extant locality. \*91, Kincardines.: Stoney beach just above high-water mark, Nigg, NJ/965.047. D. Bale, 1993, **herb. D. Welch**, conf. D. W.

†77/15.7. *LATHYRUS GRANDIFLORUS* \*73, Kirkcudbrights: Ravenshall, NX/525.523. O. M. Stewart, 1993. Well naturalized on roadside and river-bank, Palnure, NX/455.631. O. M. Stewart, 1993. 1st and 2nd records.

77/15.12. *LATHYRUS NISSOLIA* †\*44, Carms.: Roadside verge near Derwen Farm, Cae'r-brynn, SN/597.143. R. D. Pryce & K. Sanderson, 1993, NMW. Side of B4310 near Porthyrhyd, SN/521.166. G. Hutchinson, 1993, NMW. 1st and 2nd records.

77/18.5. *MEDICAGO ARABICA* †83, Midlothian: Waste ground, Granton, Edinburgh, NT/23.77. O. M. Stewart, 1990, E. Grassy bank, Warriston Road, Edinburgh, NT/253.754. S. Maxwell, 1993. 1st and 2nd post-1930 records.

- 77/19.5. *TRIFOLIUM GLOMERATUM*     5, S. Somerset: Gadd's Bottom, Kingston St Mary, ST/230.297. I. Green, 1993. 1st record since 1916.
- †77/25.1. *GENISTA MONSPESSULANA*     \*5, S. Somerset: Hedge bank, Lucombe, SS/913.443. J. Clarke, 1993.
- 78/1.1. *HIPPOPHAE RHAMNOIDES*     †\*77, Lanarks.: Grassy waste ground, Cessnock, Glasgow, NS/56.64. P. Macpherson, 1991, **herb. P.M.** Still present in 1993.
- †79/2.2. *MYRIOPHYLLUM AQUATICUM*     \*46, Cards.: In *Azolla filiculoides*-dominated pond, Llain-wen near Synod Inn, SN/392.550. A. O. Chater, 1993, **NMW**.
- †80/1.1. *GUNNERA TINCTORIA*     \*75, Ayrs.: Waste ground near sea, Auchengarth, NS/190.643. A. McG. Stirling, 1993.     \*99, Dunbarton: Bank of A83 near Cameron House, Balloch, NS/37.83. A. McG. Stirling, 1993.
- 84/1.3 × 8. *EPILOBIUM MONTANUM* × *E. CILIATUM*     \*104, N. Ebudes: With both parents on waste ground, Park Lane, Portree, Skye, NG/48.43. G. Kitchener, 1991, E.
- 84/1.7. *EPILOBIUM ROSEUM*     73, Kirkcudbrights.: Old Creetown station, NX/475.599. O. M. Stewart & A. White, 1993. Only extant locality.
- †84/1.14. *EPILOBIUM KOMAROVIANUM*     \*2, E. Cornwall: China clay waste, Carvear Moor, SX/051.547. G. C. Matthews & R. J. Murphy, 1993.     \*98, Main Argyll: Roadside bank, grounds of County Hospital, Oban, NM/86.30. E. L. S. Macpherson, 1961, **herb. P. Macpherson**, conf. E. J. Clement.
- †91/2.14 × wal. *EUPHORBIA ESULA* × *E. WALDSTEINII* (*E. × PSEUDOVIRGATA*)     \*3, S. Devon: By Exeter Canal, SX/92.91. L. M. Spalton, 1991, det. A. Radcliffe-Smith.
- †100/1.1. *RHUS HIRTA*     \*50, Denbs.: Waste ground, Llandulas, SH/918.782. G. Battershall, 1993.
- †102/1.6. *OXALIS STRICTA*     \*50, Denbs.: Weed in flowerbeds, Loggerheads, SJ/199.626. R. Maycock & A. Woods, 1993.
- †102/1.10. *OXALIS DEBILIS*     \*49, Caerns.: Waste ground near railway halt, Dolgarrog, SH/784.669. R. Lewis, 1991, **NMW**.
- †103/1.1 × 2. *GERANIUM ENDRESSII* × *G. VERSICOLOR* (*G. × OXONIANUM*)     \*77, Lanarks.: Wood, Thorntonhall, NS/58.54. P. Macpherson, 1989, **herb. P.M.** Still present and spreading, 1993.
- †104/1.1. *TROPAEOLUM SPECIOSUM*     \*75, Ayrs.: Roadside hedge, Pinmore, Girvan, NX/20.91. A. E. White, 1993, conf. A. McG. Stirling.
- 105/1.1. *IMPATIENS NOLI-TANGERE*     †\*46, Cards.: Gulley, Capel Bangor, SN/6.7. C. Morley, 1939, ms notebook in **IPS**.
- †105/1.3. *IMPATIENS PARVIFLORA*     \*93, N. Aberdeen: Railway siding, Inverurie, NJ/776.219. D. Welch, 1992, **ABD**.
- †107/32.1. *AMMI MAJUS*     \*38, Warks.: Churchyard, Birmingham, SP/070.871. A. D. Grenfell, 1983. Roadside, Coventry, SP/356.786. M. J. Senior, 1992, det. J. C. Bowra. 1st and 2nd records.
- 108/3.2. *CENTAURIUM ERYTHRAEA*     80, Roxburghs.: Steep bank, Bowden Burn, Newtown St Boswells, NT/56.30. J. Blane, 1992. 2nd extant locality.
- 108/4.1. *BLACKSTONIA PERFORIATA*     \*28, W. Norfolk: Bank of New Cut by Whitedyke Farm, Feltwell, TL/69.89. J. Secker, 1992.
- 108/5.2. *GENTIANELLA CAMPESTRIS*     50, Denbs.: Limestone turf, Maeshafn, SJ/200.615. R. Maycock & R. Woods, 1993. 2nd post-1930 record.
- 108/5.4a. *GENTIANELLA AMARELLA* subsp. *AMARELLA*     1, W. Cornwall: Dune grassland, Rushy Green near Crantock, SW/787.608. H. Meredith, 1993, conf. L. J. Margetts. 1st record since 1912.

109/1.herb. *VINCA HERBACEA* [81, Berwicks.: Delete record published in *The botanist in Berwickshire* by M. E. Braithwaite & D. G. Long (1990), which is based on a form of *V. minor*, fide M. E. Braithwaite.]

110/3.1. *ATROPA BELLADONNA* 75, Arys.: Sandy waste ground, I.C.I. Nobel Works site, Ardeer, NS/28.40. A. McG. Stirling & E. Millar, 1993. 1st record this century.

111/3.2b. *CALYSTEIA SEPIUM* subsp. *ROSEATA* \*45, Pembs.: Behind shingle ridge, Newgale, SM/849.218. S. B. Evans, 1987, NMW.

111/3.2 × 4. *CALYSTEIA SEPIUM* × *C. SYLVATICA* (*C. × LUCANA*) \*73, Kirkcudbrights.: With both parents on hedgebank, Eldingham industrial estate near Dalbeattie, NX/838.626. O. M. Stewart, 1993.

113/2.1. *NYMPHOIDES PELTATA* †\*68, Cheviot: Edge of R. Tweed N.E. of Union Bridge, NT/934.512. J. M. Croft & C. D. Preston, 1991, CGE. Still present in 1994.

116/1.2. *LITHOSPERMUM OFFICINALE* 46, Cards.: Weedy vegetation on sandy slope between road and beach N.W. of Nantyferwig, Gwbert, SN/165.484. A. O. Chater, 1993, NMW. 1st record since 1929, when recorded in this area by J. H. Salter.

116/4.3. *SYMPHYTUM TUBEROSUM* [47, Monts.: Delete record published in *Watsonia* 19: 288 (1993); specimen in NMW is *S. grandiflorum*, det. F. H. Perring.]

†116/4.4. *SYMPHYTUM GRANDIFLORUM* \*47, Monts.: Churchyard, Penstrowed, SO/070.915. C. A. Small, 1992, NMW, det. F. H. Perring. \*73, Kirkcudbrights.: Wood edge E. of Kirkeudbright, NX/691.507. O. M. Stewart & A. White, 1992.

†116/4.6. *SYMPHYTUM ORIENTALE* \*50, Denbs.: Roadside, Eglwysbach, SH/804.716. W. McCarthy, 1993, NMW. 1st Welsh record.

†116/4.8. *SYMPHYTUM BULBOSUM* \*6, N. Somerset: Edge of path, Butleigh, Street, ST/520.338. P. Green, 1993, det. F. H. Perring.

†116/5.1. *BRUNNERA MACROPHYLLA* \*64, Mid-W. Yorks.: Roadside, Marston Moor, SE/499.525. P. P. Abbott, 1993.

116/15.1 × 4. *MYOSOTIS SCORPIOIDES* × *M. LAXA* (*M. × SUZAE*) \*46, Cards.: Poached, muddy margin of pond, The Moat, Llandyfriog, SN/342.408. A. O. Chater, 1993, NMW, det. P. M. Benoit.

116/15.9. *MYOSOTIS RAMOSISSIMA* 73, Kirkcudbrights.: Short turf near shore, Fauldbog Bay, NX/643.441. O. M. Stewart, 1992. 2nd extant locality.

†118/4.1a. *LAMIASTRUM GALEOBDOLON* subsp. *ARGENTATUM* \*25, E. Suffolk: By wall alongside watercourse, Walberswick, TM/499.746. G. Kitchener, 1992. Off Dunwich road, Westleton, TM/445.693. G. Kitchener, 1992. 1st and 2nd records.

†118/13. rac. × nep. *NEPETA RACEMOSA* × *N. NEPETELLA* (*N. × FAASSENII*) \*46, Cards.: Dune by caravan site, The Patch, Penyryerryd, SN/162.485. A. O. Chater, 1993, NMW.

118/22.1. *LYCOPUS EUROPAEUS* 104, N. Ebudes: In *Sphagnum* and running water under *Salix aurita*, N. of Lochan Gun Ghrunnd, Raasay, NG/613.519. S. J. Bungard, 1991. 1st Raasay record.

118/23.†3 × 4. *MENTHA SPICATA* × *M. SUAVEOLENS* (*M. × VILLOSA*) \*24, Bucks.: Disused orchard, Ravenstone, SP/849.507. R. Maycock & A. Woods, 1989, det. R. M. Harley as var. *alopecuroides*.

118/23.4. *MENTHA SUAVEOLENS* \*83, Midlothian: Waste ground by sea, Granton, Edinburgh, NT/23.77. O. M. Stewart, 1988, E, det. R. M. Harley. 1st confirmed record.

118/25.3. *SALVIA PRATENSIS* \*13, W. Sussex: Grazed chalk grassland, Anchor Bottom S. of Upper Beeding, TQ/205.095. G. Hart, 1992, herb. P. Harmes, det. A. C. Leslie. 1st confirmed record.

121/1.3b. *PLANTAGO MAJOR* subsp. *INTERMEDIA* \*25, E. Suffolk: Side of ditch, Shipmeadow, TM/389.905. C.D. Preston & N. F. Stewart, 1989, CGE. \*46, Cards.: Margin of potato field N.

of Ty-gwyn, Mwnt, SN/197.521. J. R. Akeroyd, A. O. Chater & C. D. Preston, 1987. Recently reconstructed bank of A44, Lovesgrow, SN/636.810. S. P. Chambers, 1992. 1st and 2nd records.

†123/1.sus. × vir. *FORSYTHIA SUSPENSA* × *F. VIRIDISSIMA* (*F. × INTERMEDIA*) \*35, Mons.: Bank of R. Ebbw, Risca, ST/2.9. J. Harper, 1992.

124/1.2. *VERBASCUM VIRGATUM* †\*35, Mons.: Rail ballast, old shunting lines, Undy, ST/447.875. T. G. Evans, 1993, **herb. T.G.E.**

124/2.2. *SCROPHULARIA AURICULATA* 104, N. Ebudes: S. of Eaglais Breige, Raasay, NG/58.43. S. J. Bungard, 1990, **herb. C. W. Murray**, det. D. R. McKean. 1st Raasay and 2nd v.c. record.

124/8.2. *CHAENORHINUM MINUS* \*93, N. Aberdeen: Cess by railway, Gartly, NJ/527.314. D. Welch, 1993, **ABD**.

†124/16.23. *VERONICA FILIFORMIS* 104, N. Ebudes: Inverarish, Raasay, NG/555.357. S. J. Bungard, 1993. 1st Raasay record.

†124/17.1. *HEBE SALICIFOLIA* \*50, Denbs.: Woods, Pwllycrochan, SH/842.785. G. Battershall, 1993.

124/20.1 × 9. *EUPHRASIA ROSTKOVIANA* subsp. *ROSTKOVIANA* × *E. CONFUSA* \*44, Carms.: Acidic, sheep-grazed turf above Pont Clydach, Mynydd Du, SN/740.195. R. D. Pryce, 1982, NMW, det. A. J. Silverside. 2nd Welsh record.

124/20.3 × 7. *EUPHRASIA ANGLICA* × *E. NEMOROSA* \*44, Carms.: Rough pasture, Cefn Parcin, Llanybydder, SN/54.42. I. M. Vaughan, 1972, NMW, det. A. J. Silverside. 3rd Welsh record.

124/20.5 × 9. *EUPHRASIA ARCTICA* subsp. *BOREALIS* × *E. CONFUSA* \*44, Carms.: Disturbed ground on recolonised ash-tip, Machynys, Llanelli, SS/51.98. R. D. Pryce, 1986, NMW, det. A. J. Silverside. 2nd Welsh record. \*46, Cards.: Leadmine, Llwynmalus, Tyn-y-graig, SN/690.679. S. P. Chambers, 1992, det A. J. Silverside.

124/20.5 × 19. *EUPHRASIA ARCTICA* subsp. *BOREALIS* × *E. SCOTTICA* \*44, Carms.: Heathy roadside E.N.E. of Llidiadnenog, SN/553.367. R. D. Pryce, 1986, NMW, det. A. J. Silverside. 1st Welsh record.

124/20.6 × 9. *EUPHRASIA CONFUSA* × *E. TETRAQUETRA* \*2, E. Cornwall: Short turf by the sea, Tintagel, SX/05.89. G. G. & P. S. Graham, 1983, SUN, det. A. J. Silverside.

124/20.20. *EUPHRASIA HESLOP-HARRISONII* 104, N. Ebudes: Saltmarsh turf, Ardnish, Skye, NG/679.242, and Kensaleyre, Skye, NG/418.518. A. J. Silverside, 1982, **herb. A.J.S.** 1st and 2nd Skye records.

124/23.1. *PARENTUCELLIA VIScosa* †\*5, S. Somerset: Edge of newly made pond, Fitzhead, Wiveliscombe, ST/109.299. P. Green, 1993. †64, Mid-W. Yorks.: Old quarry, West Bradford, SD/731.471. K. A. Crowther, 1992. 2nd record. Limestone grassland below slag heap, Micklefield, SE/433.324. Leeds Naturalists' Club excursion, 1993. 2nd extant locality.

124/25.2b. *PEDICULARIS SYLVATICA* subsp. *HIBERNICA* \*41, Glam.: *Molinia caerulea* bog, Broad Pool, Gower, SS/51.91. E. Nic Lughadha *et al.*, 1993, NMW. Coastal heath, Overton Cliff, SS/454.849. T. C. G. Rich *et al.*, 1993. 1st and 2nd records. \*46, Cards.: With subsp. *sylvatica* in *Molinia caerulea*-dominated heathy pasture, N. of Nanthen-foel, Pont Creuddyn, SN/542.521. A. O. Chater & D. Glyn Jones, 1993, NMW. With subsp. *sylvatica* in flush, Cefnyresgair-fawr, E.S.E. of Tregaron, SN/707.581. A. O. Chater, 1993. 1st and 2nd records.

†125/1.2. *LATHRAEA CLANDESTINA* \*48, Merioneth: Woodland, W. bank of Afon Dulas near Esgair-geiliog, N. of Machynlleth, SH/7.0. S. Grasse & A. Morton, 1990, NMW. Open *Salix* scrub, Dwyryd estuary, SH/5.3. R. E. Hughes, 1993, NMW. Introduced c.30 years ago and now well naturalized. 1st and 2nd Welsh records.

125/2.2. *OROBANCHE RAPUM-GENISTAE* 4, N. Devon: On *Cytisus scoparius* subsp. *maritimus* on steep rock face above landing beach, Lundy, SS/142.439. L. Farrell & R. Key, 1993. 1st post-1930 record for Lundy.

- †129/1.4. *CAMPANULA PERSICIFOLIA* \***46**, Cards.: Overgrown bank of Afon Einion, Eglwys Fach, SN/684.958. A. O. Chater, 1993, **NMW**.
- 130/6.7. *GALIUM MOLLUGO* **79**, Selkirks.: Field on S.E. side of Selkirk, NT/476.284. J. Muscott, 1992. 2nd record.
- 130/6.7b. *GALIUM MOLLUGO* subsp. *ERECTUM* \***50**, Denbs.: Edge of lane, Eryris, SJ/209.571. J. A. Green, 1993.
- 130/6.9. *GALIUM STERNERI* **81**, Berwicks.: Rock outcrop, Gaitheugh, Gledswood, NT/59.34. M. E. Braithwaite, 1993, **herb. M.E.B.** 1st record since J. H. Balfour's 1852 record in this locality.
- †131/1.1. *SAMBUCUS RACEMOSA* \***6**, N. Somerset: Postlebury Wood, Trudoxhill, ST/739.427. G. Read, 1993.
- †131/2.3. *VIBURNUM TINUS* \***50**, Denbs.: Woodland, N. side of Bryn Euryn, Colwyn Bay, SH/83.80. and bank of A470 N.E. of Talycafn Bridge, SH/79.72. R. Lewis, 1993. 1st and 2nd records.
- 131/6.4. *LONICERA XYLOSTEUM* †\***75**, Ayrs.: Sourlie Wood, Irvine, NS/34.41. K. J. Watson, 1993.
- 133/1.1. *VALERIANELLA LOCUSTA* \***96**, Easterness: Dunes, Nairn, NH/896.574. M. Barron, 1993.
- 133/1.2. *VALERIANELLA CARINATA* **50**, Denbs.: Colwyn Bay, SH/833.802. G. Battershall, 1993. 2nd post-1930 record.
- †133/1.5. *VALERIANELLA ERIOCARPA* \***11**, S. Hants.: Base of cliffs below Royal Bath Hotel, Bournemouth, SZ/091.908. R. M. Walls, 1993, **herb. R.M.W.**, conf. R. P. Bowman.
- 135/11.1. *CENTAUREA SCABIOSA* **81**, Berwicks.: Railway cutting, Lamberton, NT/96.59. J. O. Mountford & C. Sargent, 1980. 2nd record.
- †135/11.2. *CENTAUREA MONTANA* **50**, Denbs.: Mynydd Llanelian, SH/850.744. G. Battershall, 1993. 2nd record.
- 135/17.1. *PICRIS ECHIOIDES* †\***98**, Main Argyll: Edge of estate track near Loch Craignish, Lunga, NM/797.070. B. H. Thompson, 1993, **herb. B.H.T.**, conf. C. D. Preston.
- 135/22.1. *LACTUCA SERRIOLA* \***43**, Rads.: Recently excavated ground, Presteigne by-pass, SO/321.634. D. R. Humphries, 1993. \***51**, Flints.: Roadside bank in industrial estate, Sandycroft, SJ/328.667. T. Edmondson, 1992.
- 135/22.2. *LACTUCA VIROSA* \***5**, S. Somerset: Waste ground, Minehead, SS/974.462. I. Green, 1993.
- †135/27.5a. *PILOSELLA CAESPITOSA* subsp. *COLLINIFORMIS* \***77**, Lanarks.: Rough grassland near Stevenston, NS/76.59. P. Macpherson, 1993, **herb. P.M.**
- 135/28.4. *HIERACIUM SALTICOLA* \***99**, Dumbarton: Waste ground, Dumbarton Common, NS/39.76. A. McG. Stirling, 1993.
- 135/28.5. *HIERACIUM VAGUM* \***75**, Ayrs.: R. Stinchar, Ballantrae, NX/0.8. A. Somerville, 1902, **LCN**, det. P. D. Sell & C. West.
- 135/28.10. *HIERACIUM SUBUMBELLATIFORME* \***91**, Kincardines.: Rocky riverside, Banchory, NO/687.957. D. Welch, 1993, **ABD**, det. D. J. McCosh.
- 135/28.94. *HIERACIUM SUBHIRTUM* \***75**, Ayrs.: Rocky streamside, Cross Burn, Kirrieroch, NX/40.87. O. M. Stewart & A. McG. Stirling, 1988, E, det. D. J. McCosh.
- 135/28.116. *HIERACIUM DURICEPS* \***80**, Roxburghs.: Calcareous streamside rocks, Green Needles, Kielderstone, NT/64.01. B.S.B.I. field meeting, 1993, det. A. McG. Stirling.
- 135/28.140. *HIERACIUM EXOTERICUM* \***91**, Kincardines.: Old Red Sandstone outcrop in river gorge, The Burn, Edzell, NO/599.710. D. Welch, 1993, **herb. D.W.**, det. D. J. McCosh.

- 135/28.147. *HIERACIUM CALEDONICUM* \*91, Kincardines.: Rock outcrop, Slack of Birnie, NO/672.807. D. Welch, 1993, **herb. D.W.**, det. D. J. McCosh.
- 135/28.176. *HIERACIUM DICELLA* \*75, Ayrs.: Sea cliffs S. of the castle, Dunure, NS/24.15. R. Mackechnie, 1936, **GLAM**, det. D. J. McCosh. Still there in 1993.
- 135/28.209. *HIERACIUM VENNCONTIUM* \*104, N. Ebudes: Cliff above Old Man of Storr, Skye, NG/49.54. O. M. Stewart, 1987, E, det. P. D. Sell.
- 135/28.236. *HIERACIUM GLOBOSIFLORUM* \*104, N. Ebudes: Rocky outcrops, Beinn na Greine, Skye, NG/74.22. C. W. Murray, 1989, **herb. C.W.M.**, det. J. Bevan as 'dark-styled form'.
- 135/28.248. *HIERACIUM HOLOSERICUM* \*104, N. Ebudes: Rough gravelly ground, Beinn na Greine, Skye, NG/74.22. R. M. & C. W. Murray & A. A. P. Slack, 1986, **herb. C.W.M.**, det. J. Bevan.
- 135/30.4. *FILAGO MINIMA* 46, Cards.: Disturbed sandy soil, Penparc sand quarries, SN/199.484. A. O. Chater & C. D. Preston, 1993, **NMW**. Only extant locality.
- †135/41.3 × 4. *ASTER LAEVIS* × *A. NOVI-BELGII* (*A. × VERSICOLOR*) \*46, Cards.: Long grass at tidal limit of Afon Cletwr, Craigypenrhyn, SN/653.929. A. O. Chater, 1992, **CGE**, det. P. F. Yeo.
- †135/43.4. *ERIGERON KARVINSKIANUS* 50, Denbs.: Crags above woodland, W. side of Bryn Euryn, Colwyn Bay, SH/83.79. R. Lewis, 1993, det. Mrs R. Lewis.
- 135/62. †1 × 10. *SENECIO CINEREA* × *S. JACOBAEA* (*S. × ALBESCENS*) \*59, S. Lancs.: Disused cinder track, Fazakerley, SJ/380.978. B.S.B.I. meeting, 1993. \*75, Ayrs.: Waste ground in industrial estate, Cambuslea Road, Newton-upon-Ayr, NS/35.23. A. McG. Stirling, 1993.
- †135/71.3. *PETASITES ALBUS* 46, Cards.: Extensive colony in scrub and woodland, Falcondale grounds, SN/565.491. A. O. Chater, 1993. 2nd record.
- †138/4.2. *ELODEA NUTTALLII* \*61, S.E. Yorks.: Barmston Drain, Beverley, TA/05.40. J. Dews, 1993. Slowly flowing ditch, Wheldrake Ings, SE/703.433. C. D. Preston, 1993. 1st and 2nd records. 73, Kirkcudbrights.: Carsfad Loch, NX/605.858. O. M. Stewart, 1993. 2nd record.
- 142/1.8. *POTAMOGETON PRAELONGUS* 29, Cambs.: Wicken Lode, Wicken Fen, TL/56.70. N. F. Stewart, 1992. 2nd extant locality.
- 142/1.14. *POTAMOGETON OBTUSIFOLIUS* 46, Cards.: Mesotrophic lake, Llyn Maesllyn, SN/693.627. A. O. Chater & C. Moscrop, 1993, **NMW**. 2nd record.
- 142/1.16. *POTAMOGETON TRICOIDES* \*3, S. Devon: Drainage ditch, Exminster Marshes, SX/9.8. M. C. F. Proctor, 1969, **BM**, det. J. E. Dandy. \*61, S.E. Yorks.: Pond and slowly flowing ditch, Wheldrake Ings, SE/704.434. & 703.433. C. D. Preston, 1993, **CGE**.
- 142/2.1. *GROENLANDIA DENSA* †\*104, N. Ebudes: Pond in hotel grounds, Skeabost House Hotel, Skye, NG/413.487. C. W. Murray, C. D. Preston & N. F. Stewart, 1989, **herb C.W.M.** Perhaps introduced unintentionally with plants from Derbyshire.
- 148/2.2 *LEMNA MINOR* \*108, W. Sutherland: Recently re-excavated peaty ditch near Elphin school, NC/215.119. I. M. Evans, 1993.
- †148/2.4. *LEMNA MINUTA* \*38, Warks.: Pond, Solihull, SP/164.817. J. W. Partridge, 1989, **WAR**, det. A. C. Leslie. R. Leam near Leamington Spa, SP/333.655. J. W. Partridge, 1991, det. J. C. Bowra. 1st and 2nd records.
- †151/1.2. *JUNCUS TENUIS* \*79, Selkirks.: Track, Thirlstane Tower, Ettrick, NT/281.154. R. W. M. Corner, 1993, **herb. R.W.M.C.**
- 151/1.6. *JUNCUS FOLIOSUS* \*73, Kirkcudbrights.: Edge of damp, shingley burn, glen N. of Corse of Slakes road, NX/54.58. O. M. Stewart, 1993. \*86, Stirlings.: Sandy shore of Loch Lomond, Balmaha, NS/42.90. A. & D. A. Pearman & C. D. Preston, 1993, **CGE**.
- 152/3.2. *ELEOCHARIS AUSTRIACA* \*59, S. Lancs.: Silty mound in bed of River Ribble 2.5 km N.N.E. of Clitheroe Castle, SD/752.441. P. Jepson, 1993, det. S. M. Walters.

- 152/7.2. *SCHENOPLECTUS TABERNAEMONTANI* \*81, Berwicks.: Pond, Morningbank, Swinton, NT/833.477. M. E. Braithwaite, 1993, **herb. M.E.B.**
- 152/12.1. *SCHENUS NIGRICANS* \*48, Merioneth: With *Juncus maritimus* in upper saltmarsh near Pennal, SN/6.9. R. Squires, 1993, **NMW**. 1st confirmed record.
- 152/16.1. *CAREX PANICULATA* \*86, Stirlings.: Mugdock Wood, Milngavie, NS/545.763. A. McG. Stirling, 1950, **BM**, det. R. W. David.
- 152/16.1 × 3. *CAREX PANICULATA* × *C. DIANDRA* (*C. × BECKMANNII*) \*98, Main Argyll: Loch Ederline, Ford, NM/865.021. A. McG. Stirling & B. H. Thompson, 1992, **BM**, det. R. W. David.
- 152/16.3. *CAREX DIANDRA* \*78, Peebles.: Bridgehouse, NT/1.5. No collector, 1865, **BM**.
- 152/16.5. *CAREX OTRUBAE* 104, N. Ebudes: Shore rocks, Rubha na Leac, Raasay, NG/598.381. S. J. Bungard, 1993. 1st confirmed Raasay record.
- 152/16.7. *CAREX SPICATA* \*74, Wigtowns.: Port Castle Bay, Whithorn, NX/425.357. A. Rutherford & A. McG. Stirling, 1985, **BM**, det. R. W. David.
- 152/16.8b. *CAREX MURICATA* subsp. *LAMPROCARPA* \*89, E. Perth: Stenton, Dunkeld, NO/07.40. J. H. Penson, 1961, **BM**, det. R. W. David.
- 152/16.11. *CAREX DISTICHA* \*93, N. Aberdeen: Marsh by flooded brick-pit, Cruden Bay, NK/08.36. M. Innes, 1992.
- 152/16.27. *CAREX PSEUDOCYPERUS* 46, Cards.: Large pond dug out from swampy, wooded hollow in 1992, Cwmsaeson, Oakford, SN/453.585. A. O. Chater & D. Glyn Jones, 1993. 2nd record.
- 152/16.47. *CAREX PALLESCENS* 83, Midlothian: Upland grassland, Moorfoot Hills S.W. of Hirndean Castle, NT/294.501. C. Dixon, 1993, **E**, conf. D. R. McKean. Upland heath, Linhouse Water E. of Murieston, NT/075.649. S. Maxwell, 1993. 1st and 2nd post-1930 records.
- 152/16.49. *CAREX ORNITHOPODA* 64, Mid-W. Yorks.: Grassy areas amongst limestone pavement at 380 m, Twistleton Scars, SD/715.764. B.S.B.I. meeting, 1992, det. G. M. Kay. 2nd record, 1st this century.
- 152/16.59. *CAREX MAGELLANICA* \*46, Cards.: Fringing pool and in nearby wet mire, E. of Drybedd, Dyffryn Castle, SN/779.832. A. O. Chater, 1993, **NMW**.
- 152/16.68. *CAREX ELATA* 36, Herefs.: Pondside, Wallbrook Wood, Allensmore, SO/440.360. J. Port, 1993, det. A. O. Chater. 1st confirmed record this century.
- 153/11.1. *MILIUM EFFUSUM* 81, Berwicks.: Policy woodland, Swinton House, NT/813.473. M. E. Braithwaite, 1993, **herb. M.E.B.** 2nd extant locality.
- †153/12.7g. *FESTUCA RUBRA* subsp. *MEGASTACHYS* 25, E. Suffolk: Edges of garden lawn, Shottisham, TM/31.44. A. Morgan, 1992, det. P. J. O. Trist. 2nd record.
- 153/12.9. *FESTUCA VIVIPARA* 83, Midlothian: Disturbed ground, Emly Bank, Moorfoot Hills, NT/293.474. C. Dixon, 1993, **E**, det. D. R. McKean. 2nd post-1930 record.
- 153/12.12. *FESTUCA HUONII* \*3, S. Devon: Rock outcrop near Prawle Point, SX/767.361. R. Takagi-Arigho, 1992, **herb. R.T.-A.**, det. T. A. Cope. 1st record for British Isles outside Channel Islands.
- 153/18.1. *POA INFIRMA* \*9, Dorset: Cliffs, Bournemouth, SZ/12.91. R. M. Walls, 1993.
- 153/18.6. *POA ANGUSTIFOLIA* \*81, Berwicks.: Sandstone wall top, side of R. Tweed below Ladykirk House, NT/886.455. M. E. Braithwaite, 1993, **herb. M.E.B.**, det. J. R. Edmondson.
- 153/20.1. *CATABROSA AQUATICA* 78, Peebles.: peaty ditch, Kippit Farm, Dolphinton, NT/11.47. D. J. McCosh, 1993, **herb. D.J.M.** 1st post-1930 record.
- 153/24.1. *GLYCERIA MAXIMA* 81, Berwicks.: Side of R. Tweed, Ladykirk, NT/896.464. M. E. Braithwaite, 1993, **herb. M.E.B.** 2nd record.

†153/28.3. *AVENA FATUA* 79, Selkirks.: Waste ground, Clovenfords, NT/451.367. R. W. M. Corner, 1991, **herb. R.W.M.C.** 1st post-1930 record.

†153/29.1. *GAUDINIA FRAGILIS* \*11, S. Hants.: Old grassland in meadow, Curdridge, SU/52.13. J. Rowe, 1993, **HCMS**, det. F. Rose.

153/32.1b. *DESCHAMPSIA CESPITOSA* subsp. *PARVIFLORA* \*35, Mons.: Shady cliff top near Lover's Leap, Piercefield Park, ST/523.969. T. G. Evans, 1988, **herb. T.G.E.** Shady bank of River Honddu N.N.W. of Cwmyoy, SO/291.249. T. G. Evans, 1993, **herb. T.G.E.** 1st and 2nd records.

153/31.2. *KOELERIA MACRANTHA* 79, Selkirks.: Basic grassland, Selkirk Hill, NT/481.284. J. Muscott, 1992, **herb. R. W. M. Corner.** 2nd extant locality.

†153/38.5. *PHALARIS PARADOXA* \*14, E. Sussex: Arable field near Wilmington East, TQ/539.053. P. A. Harmes, 1989, **herb. P.A.H.**, det. E. J. Clement. Established in quantity; still present in 1993.

†153/39.3. *AGROSTIS CASTELLANA* \*3, S. Devon: Waste ground, The Maer, Exmouth, SY/011.800. R. Takagi-Arigho, 1990, **RAMM**. \*58, Cheshire: New road verge, Ringway, SJ/807.858. D. Shaw, 1992, **herb. G. M. Kay**, det. R. M. Payne.

†153/39.9. *AGROSTIS SCABRA* 83, Midlothian: Boggy area of disused railway, Edinburgh, NT/763.251. D. R. McKean & U. L. Moorhead, 1993, **E.** 1st record since 1915.

153/40.2. *CALAMAGROSTIS CANESCENS* \*24, Bucks.: Edge of woodland ride by hazel coppice, Leckhampstead Wood, SP/727.403. R. J. Hornby, L. M. Jones-Walters & J. Spencer, 1989.

153/44.1. *APERA SPICA-VENTI* 13, W. Sussex: Arable set-aside on chalk downland, Thundersbarrow Hill, TQ/22.09. H. Matcham & A. Spiers, 1993, **herb. P. A. Harmes.** Sandy set-aside field E. of Coates Castle, SU/996.177. A. Spiers, 1993. 1st and 2nd records since 1909.

153/45.1. *MIBORA MINIMA* †\*9, Dorset: Dune-slack, Studland Heath, SZ/033.838. F. Woodhead, 1993, **RNG.**

†153/51.4. *BROMOPSIS INERMIS* \*69, Westmorland: S. side of Kaber-Barras road, NY/815.116. J. Atkins, 1993, **LANC**, det. G. Halliday.

†153/52.1. *ANISANDRA DIANDRA* 38, Warks.: Side of bridle path, Pillerton Priors, SP/292.486. J. C. Bowra, 1993, **WAR**, det. P. J. Copson. 2nd record, 1st this century.

†153/53.1. *CERATOCHLOA CATHARTICA* 11, S. Hants.: Side of farm track near Sandy Lane, Shedfield, SU/556.147. E. A. Pratt, 1992, det. E. J. Clement. By footpath along Danes Stream, Milford on Sea, SZ/292.917. V. Scott, 1992, det. P. J. O. Trist. 1st records since 1925.

†153/53.2. *CERATOCHLOA MARGINATA* \*22, Berks.: Field track, Pusey House, Southover, SU/3.9. T. C. G. Rich, 1993, **RNG.**

153/56.1 × 2. *ELYTRIGIA REPENS* × *E. AETHERICA* (*E. × OLIVERI*) \*3, S. Devon: Waste ground, The Maer, Exmouth, SY/009.800. R. Takagi-Arigho, 1989.

153/57.1. *LEYMUS ARENARIUS* 104, N. Ebudes: Rocky skerry S. of Oskaig Point, Raasay, NG/544.377. J. Bungard, 1992, conf. S. J. Bungard. 1st Raasay record.

153/63.1b. *MOLINIA CAerulea* subsp. *ARUNDINACEA* \*44, Carms.: Damp grassy area N.E. of Witchett Pool, Laugharne Burrows, SN/283.077. G. Hutchinson & I. K. Morgan, 1992, **NMW.**

†153/68.1. *ECHINOCHLOA CRUS-GALLI* \*46, Cards.: Abundantly naturalized in marsh by pond N. of Lampeter College, SN/579.488. A. O. Chater, 1993, **NMW.**

†153/71.1. *DIGITARIA ISCHAEMUM* \*3, S. Devon: Derelict sidings, Exeter, SX/917.916. D. Bolton, 1989, **RAMM**, det. R. Takagi-Arigho. Waste ground, Exmouth, SX/992.807. R. Takagi-Arigho, 1989, **RAMM.** 1st and 2nd records.

154/1.4. *SPARGANIUM NATANS* \*5, S. Somerset: Pinkworthy Pond, SS/723.423. C. Giddens & P. Green, 1993, det. C. D. K. Cook.

- 155/1.2. *TYPHA ANGUSTIFOLIA*      **35**, Mons.: Galvanised tank, sludge bed pond, Alpha Steel Works, Newport, ST/33.84. T. G. Evans & M. Jones, 1993. 2nd record.
- †157/1.1. *PONTEDERIA CORDATA*      \***59**, S. Lancs.: Disused canal, White Gate, Oldham, SD/895.034. G. M. Kay & P. D. Stanley, 1993.
- 158/7.1. *COLCHICUM AUTUMNALE*      **41**, Glam.: Damp grassland near Lakston, Bridgend, SS/8.7. C. Lindley, 1993. Only extant locality.
- 158/11.1. *FRITILLARIA MELEAGRIS*      †\***58**, Cheshire: Sloping wet pasture, Hassall Green, SJ/779.579. S. Jones, 1993.
- †158/23.1. *MUSCARI NEGLECTUM*      \***83**, Midlothian: Wood, Bowshank near Stow, NT/45.41. M. Little, 1984.
- †158/23.2. *MUSCARI ARMENIACUM*      \***83**, Midlothian: Under birch trees on old railway line, Warriston, Edinburgh, NT/25.75. D. R. McKean, 1986. Still present in 1994.
- †158/24.5. *ALLIUM SUBHIRSUTUM*      \***17**, Surrey: Roadside, Purley, TQ/326.538. G. Fookes, 1993.
- 158/24.14. *ALLIUM SCORODOPRASUM*      \***98**, Main Argyll: Grassland between beach and fields, Toward Point, NS/130.675. C. Gibson, 1991, conf. G. P. Rothero.
- 158/24.16. *ALLIUM VINEALE*      \***104**, N. Ebudes: Rock ledges S. of Sithean Mor, Raasay, NG/599.475. S. J. Bungard, 1991, **herb. C. W. Murray**.
- †158/33.3a. *NARCISSUS POETICUS* subsp. *POETICUS*      \***49**, Caerns.: Grassy bank at top of rock outcrop, Tyn-y-Groes, SH/775.718. R. Lewis, 1993, **NMW**.
- †159/4.1. *HERMODACTYLUS TUBEROSUS*      **6**, N. Somerset: Sandy bank, Brean, ST/297.557. P. Green, 1993. 2nd record.
- 162/3.1. *EPIPACTIS PALUSTRIS*      **2**, E. Cornwall: Marshy area in dunes, Rock Dunes, SW/934.766. T. J. Dingle & M. G. C. Atkinson, 1993. 2nd record.
- 162/3.4. *EPIPACTIS HELLEBORINE*      **72**, Dumfriess.: Above Liddel Water, Penton Bridge, NY/433.774. M. S. Porter, 1991. 2nd record this century.
- 162/8.1. *GOODYERA REPENS*      **81**, Berwicks.: Pinewood near Hirsell Law, NT/83.42. M. E. Braithwaite, 1993. Only extant locality.
- 162/13.2. *PLATANTHERA BIFOLIA*      \***79**, Selkirks.: Hill pasture, Selkirk Hill, NT/4.2. G. French, 1993.
- 162/16.1 × 18.1. *GYMNADENIA CONOPSEA* × *DACTYLORHIZA FUCHSII* (× *DACTYLODENIA ST-QUINTINII*)      \***104**, N. Ebudes: Grassland, Harris area, Rum, NM/3.9. C. W. Murray, 1984, det. M. Bates & S. J. Clarke.
- 162/17.1. *COELOGLOSSUM VIRIDE*      **46**, Cards.: Unimproved pasture, Tynygwnedwn, S.S.E. of Llanfair Clydogau, SN/6.4. A. O. Chater & L. Gander, 1993. 2nd extant locality.
- 162/18.3 × 5. *DACTYLORHIZA INCARNATA* × *D. PURPURELLA* (*D. × LATIRELLA*)      \***81**, Berwicks.: Old quarry, Grantshouse, NT/827.645. Lady Margaret Elliot, 1993, E, det. S. Clarke.
- 162/18.8. *DACTYLORHIZA LAPPONICA*      \***104**, N. Ebudes: Damp flush, Dibidil, Rum, NM/4.9. B. & J. Allan, 1989, E (photographs), det. D. J. Tennant.
- 162/20.4. *ORCHIS USTULATA*      \***41**, Glam.: Limestone grassland, Llanmadog, SS/43.93. N. Benson, 1993, conf. D. Painter. 1st certain Welsh record.