

Plant Records

Records for publication must be submitted to the appropriate Vice-county Recorder (see *BSBI Year Book 2001*), and not to the Editors. The records must normally be of species, hybrids or subspecies of native or naturalised plants (listed in Kent (1992) or Stace (1997)), 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. S, 102–104 and 110. Only 1st records can normally be accepted for *Rubus*, *Hieracium*, *Taraxacum* 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 for *Taraxacum* must normally be additional to those in *Dandelions of Great Britain and Ireland* by A. A. Dudman & A. J. Richards (1997).

Records are arranged in the order given in the *List of vascular plants of the British Isles* and its supplements by D. H. Kent (1992), from which the species' numbers, taxonomy and nomenclature are taken. Taxa not in that book follow *New Flora of the British Isles* Ed. 2 by C. A. Stace (1997). 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 (superscript figures indicate number of taxa): 1², 2³, 3⁸, 4¹⁰, 5³, 6³, 8¹¹, 9⁶, 10⁷, 11²⁶, 12²⁴, 13¹, 15³, 17¹², 21¹, 23¹, 25¹, 26¹, 28¹⁰, 28⁷, 33², 34¹, 35⁵⁰, 37⁶⁶, 39⁶, 40², 41²³, 42²⁹, 43⁹, 44³⁶, 45⁹, 46¹²⁴, 47³³, 48⁴, 49⁵⁶, 50⁴⁶, 51²¹, 53¹, 54¹, 58¹⁶, 59³, 60¹, 61⁶, 64⁶, 67⁸, 68², 69¹, 70¹, 71³, 77²⁸, 78¹¹, 79³, 80¹¹, 81⁴², 83⁴, 89¹², 91¹⁶, 93⁸, 94¹⁰, 95³⁰, 97¹, 99³, 100⁷, 101², 104¹, 108¹⁰, 109³, 110¹, H10¹, H16¹, H21¹, H27², H30², H31², H35².

The following signs are used:

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

† before the species number: to indicate that the plant is not a native species of the British Isles.

‡ before the record: to indicate a species which, though native in some parts of the British Isles, is not so in the locality recorded.

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

1/3.1. LYCOPODIUM CLAVATUM **28**, W. Norfolk: One small plant on floor of extensive gravel pit, formerly heath, Leziat RSPB Reserve, TF682195, S. Fisher, 1997, conf. G. Beckett. 1st post-1930 record.

1/4.1. DIPHASIASTRUM ALPINUM **80**, Roxburghs.: NE facing bank, old forestry quarry, Ramsaygrain West Forest, Teviothead, NT332022, R.W.M. Corner, 1996. 2nd extant site.

1/4.2a. DIPHASIASTRUM COMPLANATUM subsp. ISSLERI ***108**, W. Sutherland: Stony ground, Canisp, NC2216, A.G. Kenneth, 1985, conf. A.C. Jermy.

‡2/1.2. SELAGINELLA KRAUSSIANA ***50**, Denbs.: Naturalised in mown grass by stream, Bodnant, SH799721, J.A. Green, 1997.

3/1.1. ISOETES LACUSTRIS **94**, Banffs.: Sandy bay, Loch Avon, NJ025032, J. Edelsten, 1989. Not seen at this site since 1867. Pool by Loch Avon, NJ018026, D. Law, 1989. Not seen at this site since 1866. Both **BM**, det. A.C. Jermy. 1st and 2nd recent records.

3/1.1×2. ISOETES ECHINOSPORA × I. LACUSTRIS (I. × HICKEYI) ***46**, Cards.: NE corner of Llyn Pendam, SN709839, A.O. Chater & A.C. Jermy, 1997, **BM**, conf. D. Britton. 1st British record.

4/1.3. EQUISETUM VARIEGATUM **64**, Mid-W. Yorks.: Riverside marsh, Dunsop Bridge, SD6551, P. Jepsen, 1997. 2nd record.

4/1.4×8. EQUISETUM FLUVIATILE × E. PALUSTRE (E. × DYCEI) ***46**, Cards.: With both parents on peaty mud of summer-dry leadmine reservoir, Bog Pond, 2km NW of Ponterwyd, SN732824, A.O. Chater, 1994, **NMW**, conf. A.C. Jermy. 1st record for Wales.

4/1.5×8. EQUISETUM ARVENSE × E. PALUSTRE (E. × ROTHMALERI) ***73**, Kirkcudbrights.: Shoulder high rushy area, Southness, Gillfoot side, NX977546, O.M. Stewart, 1994, **E**, det. C.N. Page. Presumed 1st record. ***80**, Roxburghs.: Flushed bank, Crookedsike Head, Cheviot Burn, Cocklawfoot, NT871183, C. Dixon, 1997, **herb C.N.P.**, det. C.N. Page.

4/1.6×7. EQUISETUM PRATENSE × E. SYLVATICUM (E. × MILDEANUM) ***89**, E. Perth: Road verge, N side of minor road 1km E of Loch of Lowes, NO064439, C.I. Pogson, 1996, det. C.N. Page.

5/1.1. OPHIOGLOSSUM VULGATUM **81**, Berwicks.: Parkland, Newton Don, NT711374, M.E. Braithwaite, 1995. 2nd extant record.

5/2.1. *BOTRYCHIUM LUNARIA* **28**, W. Norfolk: Dune slack, Wells-next-the-Sea, TF909454, E. Banham, 1996. 2nd record since 1973, a new area.

7/1.1. *CRYPTOGRAMMA CRISPA* ***95**, Moray: Only four plants on rocky outcrops on mountain, N facing, Creag an Tarmachain, Grantown-on-Spey, NJ154312, I.P. Green, 1997.

8/1.2. *HYMENOPHYLLUM WILSONII* ***89**, E. Perth: North facing mica schist cliff, Kindrogan Crag, NO049628, H.S. McHaffie, 1985.

✓9/1.1. *PILULARIA GLOBULIFERA* **47**, Monts.: Three populations on lake-edge, shallow (c.30cm) and deep (1.6m) water, Llyn Gwyddior, SH9307, R.A. Jones, E.J. Lomas & T. Teearu, 1997. 1st record since **51**, Flints.: Mud, edge of lake, Llyn Helyg, SJ115775, W. Hay, 1993. 1st record for 20 years.

✓10/2.1. *TRICHOMANES SPECIOSUM* (gametophyte) ***44**, Carms.: Abundant in dry rock cavity, under overhang on NW facing slope in wood, by track along bottom of Allt Penrhyn wood, Forge-Cych, SN254413, A.O. Chater, 1994.

11/1.1×2. *POLYPODIUM VULGARE* × *P. INTERJECTUM* (*P.* × *MANTONIAE*) ***37**, Worcs.: Mossy bank, West Malvern, SO7645; North Quarry, Malvern, SO7646; both P.G. Garner, 1989, det. R.H. Roberts. 1st and 2nd records. ***58**, Cheshire: Wooded bank, Barnston, Wirral, SJ279837, E.F. Greenwood, 1995, **LIV**, det. R.H. Roberts. Mixed with *P. vulgare*.

15/2.5a. *ASPLENIUM TRICHOMANES* subsp. *TRICHOMANES* **50**, Denbs.: Roadside wall, Capel Garmon, SH8157, J.A. Green, 1996. 2nd record.

✓15/2.5c. *ASPLENIUM TRICHOMANES* subsp. *PACHYRACHIS* ***42**, Brecks.: Limestone rocks near Pontneddfechan, SN9108, M. Porter, 1995, det. J.C. Vogel & A.C. Jermy. ***58**, Cheshire: Sandstone cliffs, Maiden Castle, Bickerton, SJ4952, J.P. Guest. Sandstone cliffs, Bickerton Hill, SJ5053, G.M. Kay; both 1997, det. J. Vogel. 1st and 2nd records.

15/2.5×8. *ASPLENIUM TRICHOMANES* × *A. SEPTENTRIONALE* (*A.* × *ALTERNIFOLIUM*), **89**, E. Perth: Stenton, Dunkeld, NO04, J.H. Penson, 1966, **herb. J.H.P.** Volcanic rocks, Craig Tronach, NO053402, J. Castle-Smith & N.W. Taylor, 1991, **E**. 1st and 2nd recent records.

15/2.6. *ASPLENIUM VIRIDE* ***47**, Monts.: In crevices on vertical rock face in rocky stream gorge, Lake Vyrnwy, SH996205, P. Parker, 1997, **NMW**, det. P.M. Benoit.

†16/1.1. *MATTEUCCIA STRUTHIOPTERIS* **6**, N. Somerset: Over 50 plants under trees in marshy area of wood on stream edge, Vobster, ST710489, P.R. Green, 1997.

17/1.1. *POLYSTICHUM SETIFERUM* **67**, S. Northumb.: Wooded slope above stream bank, Dovecrag Burn, NT945024, G.A. & M. Swan, 1997, **herb. G.A.S.** 2nd confirmed record.

17/1.1×2. *POLYSTICHUM SETIFERUM* × *P. ACULEATUM* (*P.* × *BICKNELLII*) ***2**, E. Cornwall: With both parents in woodland by the River Tamar, Lamerhooe Ford, W of Latchley, SX398732, M. Atkinson, 1996, conf. A.M. Paul. ***37**, Worcs.: Park Wood, Malvern Hills, SO7644, R. Maskew, 1991, conf. A.M. Paul. ***50**, Denbs.: Bank of old railway, Pwllglas, SJ125551, M. Keene, 1995, det. A. Paul.

†17/1.1×mun. *POLYSTICHUM SETIFERUM* × *P. MUNITUM* ***17**, Surrey: One plant of several fronds with both parents on bank of B.P., Winkworth Hill, SU996403, A.C. Leslie, 1995, **herb. A. C.L.**

17/3.2×3. *DRYOPTERIS FILIX-MAS* × *D. AFFINIS* (*D.* × *COMPLEXA*) ***37**, Worcs.: Streamside wooded bank, Southstone Rock, Teme Valley, SO7063, P.G. Garner & R. Maskew, 1989, det. A. C. Jermy.

17/3.3a. *DRYOPTERIS AFFINIS* subsp. *AFFINIS* ***S**, Channel Islands: Frequent in wooded valley near stream, Dixcart Valley, Sark, WV467754, R.M. Veall, 1996, det. M. Gibby.

17/3.3b. *DRYOPTERIS AFFINIS* subsp. *CAMBRENSIS* ***2**, E. Cornwall: Two plants only in unshaded roadside hedge on granite, Kit Hill, near Callington, SX383714, R.J. Murphy & M.G.C. Atkinson, 1999, det. A.C. Jermy. 1st confirmed record. ***11**, S. Hants.: Beside main ride in wood, Crowdhill Copse, Fair Oak, SU487198, P.J. Selby, 1995, **herb. R.P. Bowman**, det. H. Corley.

†19/1.1. *AZOLLA FILICULOIDES* **41**, Glam.: Settling pond, Aberthaw Cement Works, ST0367, M. Hampton, 1996. Only extant locality.

†20/1.1. *ABIES ALBA* *81, Berwicks.: Maturing saplings established at plantation edge, Woodhead, Lauder, NT531468; Plantation edge, Blinkbonny Hill, NT566395; both M.E. Braithwaite, 1996. 1st & 2nd records as self-seeded.

†20/1.nor. *ABIES NORDMANNIANA* *46, Cards.: About 15 self-sown trees 2-4m tall in estate woodland, Llanerchaeron, SN479601, S.P. Chambers, 1996.

†20/2.1. *PSEUDOTSUGA MENZIESII* *46, Cards.: Shingle by Afon Ystwyth 2km W of Pontrhyd-y-groes, SN720721, A.O. Chater, 1990. Estate woodland, Coed Ffynnon Caradog, Llangorwen, SN617831, A.O. Chater, 1991. 1st and 2nd records. *81, Berwicks.: Bank, A68 near Chapel-on-Leader, NT564412, M.E. Braithwaite, 1996. 1st record as self-seeded.

†20/3.1. *TSUGA HETEROPHYLLA* *47, Monts.: Cwm wood, Aberhafesp, SO0595, I.C. Trueman & M. Oliver; Hafren Forest, SN8685, A.J. Morton, both 1988. 1st and 2nd records. Regeneration observed in both sites.

†20/4.1. *PICEA SITCHENSIS* *S, Channel Islands: One small tree (planted) about 1m tall in wooded valley, Dixcart Valley, Sark, WV466754, R.M. Veall, 1997, **JSY**, det. R.A. Waterman. *46, Cards.: Roadside slopes by plantations, Cwm Einion, SN695942, A.O. Chater, 1983. Edge of reservoir by plantations, Llyn Pendam, SN702842, A.O. Chater, 1985. 1st and 2nd records. Widely naturalised in Cards.

†20/4.2. *PICEA ABIES* *46, Cards.: Roadside banks and plantation, 300m NW of Panthirion, Brynafan, SN701729, A.O. Chater, 1993. Roadside slope by plantation, W of Blaenmyherin, SN785795, A.O. Chater, 1993. 1st and 2nd records. Rarely naturalised.

†20/5.1x2. *LARIX DECIDUA* × *L. KAEMPFERI* (*L.* × *MARSCHLINSII*) *12, N. Hants.: Self-sown, Alice Holt Forest, Glenbervie Enclosure, SU8142, A. Brewis, 1996. *81, Berwicks.: Plantation edge, Mellerstain, NT644401, M.E. Braithwaite, 1996. 1st record as self-seeded.

†20/5.2. *LARIX KAEMPFERI* *46, Cards.: Roadside verge and slopes by plantations by A44, W of Nantyrarian, SN709811, A.O. Chater, 1988. Rocky slopes by plantations, Coed Bwlchgwallter, Hafod, SN770717, A.O. Chater, 1993. 1st and 2nd records. Widely naturalised. *47, Monts.: Plentiful regeneration on forestry tracksides, Uwch-y-garreg, SN7793, A.J. Morton & W.A. Thompson, 1990.

†20/7.2. *PINUS NIGRA* *46, Cards.: Edges of mixed plantation, Coed Ty'n-y-garth, Cwm Einion, SN689946, A.O. Chater, 1991. Roadside verges by plantations, 800m ENE of Bryn Llychese, SN832810, A.O. Chater, 1993. 1st and 2nd records. Widely naturalised.

†20/7.5. *PINUS RADIATA* *35, Mons.: A line of 10 trees at field edge on B4293 for at least the last 40 years, Devauden, ST4898(Z), T.G. Evans, 1995, **herb. T.G.E.**

†20/7.6. *PINUS STROBUS* *46, Cards.: In middle of pasture, below the Rookery Wood NR, Nanteos, SN616781, A.O. Chater, 1991, **NMW**. *50, Denbs.: Probably planted near farm, Nantglyn, SJ0061, P. Williams, 1996.

†20/7.mug. *PINUS MUGO* *46, Cards.: S facing sheepwalk by side of old estate lodge, Angler's Retreat (Plas y Mynydd), SN746923, A.O. Chater, 1992, **NMW**. *81, Berwicks.: Heather bank, A68 at Soutra, NT476574, M.E. Braithwaite, 1997. 1st record as self-seeded.

†20/7.mur. *PINUS MURICATA* *S, Channel Islands: A mature tree, edge of maritime scrub, near hotel, near Jaspellarie, overlooking Dixcart Bay, Sark, WV467252, R.M. Veall, 1983, det. R.A. Waterman. Confirmed R.A. Waterman (1997) as obviously planted but no longer present. Noted by M.H.Marsden in 1994.

†20/7.wal. *PINUS WALLICHIANA* *35, Mons.: One old tree producing cones at woodland edge at top of cliffs, Piercefield, ST5295, T.G. Evans, 1995.

†20A/CRY.jap. *CRYPTOMERIA JAPONICA* *46, Cards.: Open mixed plantation, Cockshead Wood, 3km NE of Llangybi, SN630554, A.O. Chater, 1996. *49, Caerns.: Probably planted on roadside, Bettws-y-Coed, SH7853, J.A. Green, 1997.

†20A/SEQ.sem. *SEQUOIA SEMPERVIRENS* *S, Channel Islands: In wooded valley bordering hotel garden, Dixcart Valley, Sark, WV465754, R.M. Veall, 1984, det. R.A. Waterman. Two trees obviously planted; one on edge of hotel garden subsequently destroyed by gale, survivor is inside hotel garden. *47, Monts.: A single seedling, about 3 yrs old, under the largest trees in the Redwood Grove, Leighton near Welshpool, SJ2403, A. Markwick, 1987. The first seedling to have occurred naturally here and still flourishing in 1997.

†21/1.1×2.1. *CUPRESSUS MACROCARPA* × *CHAMAECYPARIS NOOTKATENSIS* (× *CUPRESSOCYPARIS LEYLANDII*) *S, Channel Islands: Established plantation of mixed, mature trees, near L'Ecluse, Sark, WV461766, R.M. Veall, 1997, **JSY**, det. R.A. Waterman, Mature trees (also at other sites on Sark), all apparently planted, up to 9m or more.

†021/2.1. *CHAMAECYPARIS LAWSONIANA* *81, Berwicks.: Plantation edge, Blinkbonny Hill, NT566395, M.E. Braithwaite, 1996. 1st record as self-seeded.

†21/3.1. *THUJA PLICATA* *46, Cards.: Estate woodland by stream, Tyglyn, Ciliau Aeron, SN498598, A.O. Chater, 1992. Slope above railway and in adjacent woodland, Glandyfi, SN694968, A.O. Chater, 1995. 1st and 2nd records. Widely naturalised.

†022/1.1. *ARAUCARIA ARAUCANA* *17, Surrey: Margin of raised area, sandy soil, Dorking, TQ174494, J.F. Leslie, K. Page & J.E. Smith, 1997.

23/1.1. *TAXUS BACCATA* †*81, Berwicks.: Cliffs, Newton Don, NT714374, M.E. Braithwaite, 1995. 1st record as established.

†26/2.3. *NUPHAR ADVENA* *81, Berwicks.: Established in artificial loch, Spottiswoode Loch, NT6049, A.G. & D.G. Long, 1964, **HAMU**. Originally det. as *N. lutea*. Confirmed by D.G. Long, 1996, **E**. 1st record.

28/12.1. *CLEMATIS VITALBA* 73, Kirkcudbrights.: Growing up 12m around a 2m diameter dead tree, near Grove Hospital, NX9278, O.M. Stewart, 1997. 2nd extant record.

28/13/7. *RANUNCULUS PARVIFLORUS* 12, N. Hants.: Large patch near Range Gate No. 2, Woolmer Forest, SU788327, J.S. Denton, 1994. 1st recent record, not seen since.

†28/13.16. *RANUNCULUS ACONITIFOLIUS* flore pleno *68, Cheviot: Naturalised in wet grass by stream, Shawdon, NZ083151, G.A. Swan, 1997, **herb. G.A.S.**

28/13.24. *RANUNCULUS PELTATUS* 94, Banffs. : Ditch, Nether Dallachy, NJ352644, J. Edelsten, 1994, **E**, det N.T.H. Holmes. 2nd record.

28/13.25a. *RANUNCULUS PENICILLATUS* subsp. *PENICILLATUS* 50, Denbs.: River Conwy, Llanrwst, SH7962, J.A. Green, 1996. 2nd record.

28/17.4. *THALICTRUM MINUS* †*46, Cards.: Roadside verge and scrub 250m W of Post Office, Penbontirhydybeddau, SN676836, A.O. Chater, 1992. Roadside verge on river bank, 50m E of Pont Tanycastell, Rhydyfelin, SN589788, A.O. Chater, 1992. 1st and 2nd records.

28/17.5. *THALICTRUM ALPINUM* *77, Lanarks.: Rocky outcrop and bank above Gana Burn, Gana Hill, NS9501, K. Watson, 1997.

†28/4.1. *ERANTHIS HYEMALIS* *12, N. Hants.: Hedgebank, South Warnborough, SU720453, C.R. Hall, 1989. Planted in woodland, dominant, spreading to adjoining fields, Wyck Place, near Alton, SU759392, A. Brewis, 1996. 1st and 2nd records.

†28/5.1. *NIGELLA DAMASCENA* *49, Caerns.: Waste ground near railway station, Llandudno, SH7881, W. McCarthy, 1997.

†28/6.1×var. *ACONITUM NAPELLUS* × *A. VARIEGATUM* (*A.* × *CAMMARUM*) *12, N. Hants.: One slowly spreading clump with violet flowers, Odiham Common, SU750524, J. Moon, 1996.

†28/7.1. *CONSOLIDA AJACIS* *46, Cards.: Disturbed slopes of grassed-over rubbish tip, Pendinas, Aberystwyth, SN584798, A.O. Chater, 1991, **NMW**.

†28/9.bla. *ANEMONE BLANDA* *49, Caerns.: Naturalised on roadside, Bodafon Lane, Llandudno, SH8081, W. McCarthy, 1997.

†29/1.2. *BERBERIS THUNBERGII* *73, Kirkcudbrights.: Wood, Loch Ken side of Kenmuir Castle, NX635764, O.M. Stewart, 1995.

†29/1.5. *BERBERIS AGGREGATA* *95, Moray: Several plants, self sown on wall an edge of wood, W of Elgin, NJ170630, P.R. Green, 1997.

†29/1.9. *BERBERIS DARWINII* *11, S. Hants.: Scrub on heath in brambles, East Boldre, SZ366991, A.E. Bolton, 1997, det. Everton Nurseries.

†30/1.1. *PAPAVER PSEUDOORIENTALE* *81, Berwicks.: Established on road verge, A6105 Longformacus road end, NT772532. Known here for many years; Established on and under Town walls, Coldstream, NT842395; both M.E. & P.F. Braithwaite, 1997. 1st and 2nd records. *99, Dunbarton: Waste ground, bank near Hillfoot Station, Bearsden, NS5572, A.McG. Stirling & A. Rutherford, 1983.

30/1.5b. PAPAVER DUBIUM subsp. LECOQII *81, Berwicks.: Soil heap, housing estate, Oxtou, NT498534, M.E. & P.F. Braithwaite, 1997. Well established around village; recorded here as a casual in 1960.

†30/6.1. ESCHSCHOLZIA CALIFORNICA 46, Cards.: Established for several years and abundant on sandy slope above shore, Penyregyd, Gwbert, SN164485, A.O. Chater, 1996. 2nd record.

†31/1.1. DICENTRA FORMOSA *44, Carms.: Escaping along stream from garden, near Blaenwaun, SN219280, G. Hutchinson & J. Bevan, 1995, conf. A.O. Chater.

†31/3.2. PSEUDOFUMARIA ALBA *44, Carms.: Gelli Aur Country Park, SN5920, D. Smith, 1988, NMW, det. D. McClintock. Garden escape.

31/5.1b. FUMARIA CAPREOLATA subsp. BABINGTONII *37, Worcs.: Old wall, Witley Court, SO7764, R. Maskew & P. Whitehead, 1991, conf. M.G. Daker. 39, Staffs.: One plant in flower and fruit in hedgebank, Workhouse Lane, Keele, SJ805452, I.J. Hopkins, 1995. 1st record since 1954.

31/5.3. FUMARIA BASTARDII 108, W. Sutherland: Garden weed, Clachtoll, NC039280, I.M. Evans, 1997. 2nd record.

31/5.6. FUMARIA PURPUREA 51, Flints.: Hedgebank along roadside between Bodfari and Tremeirchion, SJ085717, G. Wynne, 1992, det. M. Daker. 1st record since 1942.

31/5.10. FUMARIA VAILLANTII 28, W. Norfolk: Garden weed, Fakenham, TF934298, M. Keene, 1997, conf. K. & G. Beckett. 1st record since 1958.

†32/1.occxori. PLATANUS OCCIDENTALIS × P. ORIENTALIS (P. × HISPANICA) *35, Mons.: Field/road edge, Piercefield Park, Chepstow racecourse, ST5294, T.G. Evans, 1995.

33/1.3. ULMUS MINOR *43, Rads.: In corner of field, near Shaky Bridge, Llandrindod Wells, SO081614, A. Orange, 1984, NMW.

†33/1.lae. ULMUS LAEVIS S, Channel Islands: Clump of trees near well in valley meadow, S of Le Manoir, Sark, WV465757, R.M. Veall, 1975, det. T.R.G. Rountree. One mature tree presumably planted, storm damaged 1987, dead 1990. *46, Cards.: Well established by suckers from two mature trees in mixed woodland, Y Glog, Rhydyfelin, SN593793, A.O. Chater, 1995, NMW.

†35/2.1. FICUS CARICA 58, Cheshire: Canal bank, Winsford, SJ703663, J.H. Clarke, 1997. Only extant locality.

†39/2.ant. NOTHOFAGUS ANTARCTICA *S, Channel Islands: Planted tree about 2.5m tall, roadside verge, Le Manoir, Sark, WV466758, R.M. Veall, 1997, JSY, det. R.A. Waterman.

39/4.2xsub. QUERCUS CERRIS × Q. SUBER (Q. × CRENATA) *35, Mons.: 2 trees in churchyard at Trevechin, SO284020, C. Titcombe, 1997.

†39/4.3.† QUERCUS ILEX 47, Monts.: One large tree in council car park, Newtown, SO1091, C.A. Small, 1980. Still there in 1997. 2nd record.

†40/1.pap. BETULA PAPYRIFERA *S, Channel Islands: Roadside verge, Aval du Creux, Sark, WV471759, R.M. Veall, 1997, JSY, det. R.A. Waterman. Planted.

40/2.1x2. ALNUS GLUTINOSA × A. INCANA (A. × HYBRIDA) *77, Lanarks.: Self sown on to a coal bing, Hamilton, NS7253, P. Macpherson, 1996, herb. P.M., det. C.S. Crook.

†40/2.3. ALNUS CORDATA *46, Cards.: Marshy waste ground NW of Pen-y-bont Bridge, Llanbadarn Fawr, SN594804, A.O. Chater, 1997.

40/3.1. CARPINUS BETULUS *†81, Berwicks.: Established on bank, Carolside, NT565397, M. E. & P.F. Braithwaite, 1995. 1st record as an established alien.

43/1.10. CHENOPODIUM HYBRIDUM 3, S. Devon: Pottles Farm, Exminster, SX924873, L.M. Spalton, 1996. 2nd record.

43/1.6. CHENOPODIUM RUBRUM *43, Rads.: On heaps of farm manure on roadside tip, S of Upper Pits Farm, Knighton, SO315710, R.G. Woods, 1990, NMW.

43/3.2x4. ATRIPLEX PROSTRATA × A. LONGIPES (A. × GUSTAFSSONIANA) *35, Mons.: Many plants mixed with *A. procumbens* on upper shore and rocks of sea wall, Uskmouth, ST3382, T.G. Evans, 1996, NMW. Upper saltmarsh, Blackrock, ST5188, T.G. Evans, 1996, NMW. 1st and 2nd records.

†45/2.1. CLAYTONIA PERFOLIATA **46**, Cards.: Among gorse on S facing scree W of Cliff Railway, Constitution Hill, Aberystwyth, SN583826, A.D. Hale, 1996. 2nd record.

†45/2.2. CLAYTONIA SIBIRICA **41**, Glam.: North bank of River Rhymney, N of Llanrumney school, ST209803, 1995, J.P. Woodman. Only extant locality.

46/5.3. STELLARIA PALLIDA ***8**, S. Wilts.: Windmill Hill, East Knoyle, ST873310, D. Green, 1997. Not seen subsequently. ***39**, Staffs.: Locally frequent on thin soil over rock ledge, Ilam, Hall Dale, SK133538, R.E. Groom, 1997, **herb. B.R. Fowler**.

46/5.4. STELLARIA NEGLECTA ***81**, Berwicks.: Wood, Coldingham Bay, NT9166, E.P. Beattie, 1956. Shoreline, Coldingham West Loch, NT893679, M.E. Braithwaite, 1996. 1st and 2nd records.

46/7.2×3. CERASTIUM ARVENSE × C. TOMENTOSUM ***37**, Worcs.: With both parents in sandy heathland, Hartlebury Common, SO8170, W.A. Thompson, 1993. conf. J.J. Day & R. Maskew.

46/7.7b. CERASTIUM FONTANUM subsp. HOLOSTEOIDES ***108**, W. Sutherland: Shady seacliff, Fanagmore, NC177502, I.M. Evans, 1997.

46/7.11. CERASTIUM PUMILUM ***51**, Flints.: Open calcareous grassland on rocky, W facing slopes, Prestatyn, SJ067810, D. Guest, 1996.

46/8.1. MYOSOTON AQUATICUM ***81**, Berwicks.: Sandy bank, River Tweed between Fireburnmill and the Lees, NT832389, M.E. Braithwaite, 1997, **herb. M.E.B.**

46/9.1. MOENCHIA ERECTA ***28**, W. Norfolk: Three colonies of c.12 plants in short grass on shingle, Snettisham, TF650304, S. Fisher, 1996, conf. G. Beckett. 1st record since 1959. ***41**, Glam.: By paths in *Agrostis* heath, on S facing slopes of hill, Penmaen, Gower, SS537885, Q.O.N. Kay, 1992, **NMW**.

46/10.7a. SAGINA APETALA subsp. APETALA ***67**, S. Northumb.: Forest roadside, Black Rigg, NU753747, G.A. & M. Swan, 1967, **herb. G.A.S.**, det. F.N. Hepper.

46/10.8. SAGINA MARITIMA **81**, Berwicks.: Road verge, A68 at Renshawrig, NT477571, M.E. Braithwaite, 1996. 1st inland record.

46/15.1. POLYCARPON TETRAPHYLLUM ***6**, N. Somerset: Sparse open grassland (school playing field), Weston-super-Mare, ST320593, R. Higgins, 1997, **herb. I.P. Green**.

46/17.3. SPERGULARIA MARINA †***77**, Lanarks.: Verge of A721, Melbourne, NT0944; **herb. M.E.B.** Verge of A721, near Harpenhall, NT0443; both M.E. Braithwaite, 1996. 1st and 2nd records. Abundantly established.

46/17.5. SPERGULARIA BOCCONEI **1**, W. Cornwall: In sandy patch by inlet off the Camel Estuary, near Dennis Farm, S of Dinas and Padstow, SW919744, H.M. Meredith & M. Tempest, 1996, conf. R.J. Murphy. A completely new locality.

†46/18.1. LYCHNIS CORONARIA ***49**, Caerns.: Naturalised by footpath, Wellington near Llanbedrog, SH3030, BSBI meeting, 1997.

46/20.9×10. SILENE LATIFOLIA × S. DIOICA (S. × HAMPEANA) ***47**, Monts.: One plant with *S. latifolia*, in waste ground on old lead-mine site, Fan Pool, SN9487, W.A. Thompson, 1986.

46/20.11. SILENE GALLICA ***43**, Rads.: One plant on recently constructed road verge, N of entrance to sewage works, Rhayader, SO978673, R.G. Woods, 1987.

46/25.5. DIANTHUS DELTOIDES †**39**, Staffs.: Eight patches in short sunny grassland, landfill site, Dudley Wood, near Mushroom Green, SO939863, T. Beynon, 1996, **BM**, det. F. Rumsey & A.M. Paul. Known here for 2 -3 years. ***†73**, Kirkcudbrights.: Well naturalised by ruined cottage, Craigaploch, Dundrennan, NX724444, O.M. Stewart, 1995.

46/25.7. DIANTHUS ARMERIA **41**, Glam.: 98 flowering and 140 non-flowering plants in open stony waste in old, disused, sandstone quarries, Cwm Clydach, Rhondda, SS961926, J.P. Woodman; 74 plants counted on dry bank by Baglan Reservoir, SS741930, C.R. Hipkin. Known in this area for several years. Both 1997. 2nd extant localities.

†47/1.1. PERSICARIA ALPINA ***77**, Lanarks.: Grassy slope above burn, Cambuslang Golf Course, NS6460, K. Watson, 1987, **GL**. Seen well established in 1996 by P. Macpherson.

†47/1.2. PERSICARIA CAMPANULATA ***50**, Denbs.: Wet wood near garden, Capel Garmon, SH8157, BSBI group, 1996.

†47/1.5. *PERSICARIA MOLLIS* *11, S. Hants.: Steep E-facing grass bank overlooking W side of roadside pond, St Leonards Grange, St Leonards, Beaulieu, SZ406983, R.A. Barrett & E.J. Clement, 1995, **herb. R.P. Bowman**.

†47/1.7. *PERSICARIA AMPLEXICAULIS* *46, Cards.: Grassy roadside verge, Upper Borth, SN607889, J.E. Halfhide, det. A.J. Silverside, 1977. Hedgebank, Capel Salem graveyard, Brongest, SN324450, A.O. Chater, 1997. 1st and 2nd records.

47/1.16. *PERSICARIA MINOR* 50, Denbs.: Oxbow, Llanrwst, SH7962, R. Lewis. 1996. 2nd post-1930 record.

†47/1.cap. *PERSICARIA CAPITATA* *49, Caerns.: Pavement cracks, Abersoch, SH3128 & Criccieth, SH501380, J. Hawksford, 1997. 1st records.

47/4.6. *POLYGONUM RURIVAGUM* *46, Cards.: Bean field, 150m SW of Pen, SN216521, A.O. Chater, 1989, **NMW**. †*81, Berwicks.: Established in stubble, Fireburnmill, NT8139, A. Espir, 1992, det. D.R. McKean. Established in arable field, Coldstream Hospital, NT832393, M.E. Braithwaite, 1997, **herb. M.E.B.**, det. J.R. Akeroyd. 1st and 2nd records.

47/5.1x2. *FALLOPIA JAPONICA* × *F. SACHALINENSIS* (*F.* × *BOHEMICA*) *35, Mons.: Scattered along ditch / roadside, E bank of River Rhymney, NE of Michaelstone Bridge, ST2486, T.G. Evans, 1996, **NMW**, conf. A.P. Conolly. Some *F. japonica* present. *41, Glam.: Along about 30m stretch of roadside, N of Michaelstone Bridge, ST2485, T.G. Evans, 1996, **NMW**. *64, Mid-W. Yorks.: Large patch by old mill-race, Kirkstall Abbey, Leeds, SE261361, K. Pyne, 1996, **LTR**, det. J.P. Bailey & A.P. Conolly. *95, Moray: Two large stands on verge of B9010, growing with *F. sachalinensis* at roadside, Kellas, near Dallas, NJ163538, I.P. Green, 1996, conf. A.P. Conolly. Now recorded from several sites.

†47/5.3. *FALLOPIA BALDSCHUANICA* *50, Denbs.: River bank, Bryn Rhyd-yr-arian, SH9568, J.A. Green, 1996.

†47/7.rhaxpal.† *RHEUM RHAPONTICUM* × *R. PALMATUM* (*R.* × *HYBRIDUM*) *12, N. Hants.: Lay-by, roadside, near Wootton St Lawrence, SU598534, J. & P. Rollinson, 1997, conf. A. Brewis.

47/8.8. *RUMEX LONGIFOLIUS* *108, W. Sutherland: Marshy bank of Ledmore River, NC253116, I.M. Evans, 1997, conf. J.R. Akeroyd.

47/8.10x14. *RUMEX HYDROLAPATHUM* × *R. CONGLOMERATUS* (*R.* × *DIGENEUS*) *47, Monts.: Rare in Montgomery Canal near Arddlin, SJ265165, R. Lansdown, 1997, **RNG**, conf. J.R. Akeroyd.

47/8.10x19. *RUMEX HYDROLAPATHUM* × *R. OBTUSIFOLIUS* (*R.* × *LINGULATUS*) *37, Worcs.: Old brick-pit, Grimley, SO8460, C.B. Westall, 1989, conf. J.R. Akeroyd. *47, Monts.: Rare in Guilsfield Arm of Montgomery Canal SSSI, SJ239133, R. Lansdown, 1997.

47/8.13b. *RUMEX CRISPUS* subsp. *LITTOREUS* *35, Mons.: Sea wall near River Severn, Lamby, ST228777, T.G. Evans, 1995, **NMW**. *49, Caerns.: Sea-shore, Morfa Nefyn, SH2940, J. Hawksford, 1997. Sea-shore, Abersoch, SH3128; Waste ground by sea-shore, Pwllheli, SH3734; Beach, Criccieth, SH4937, J. Hawksford, 1997. 1st and 2nd records. *61, S.E. Yorks.: Welwick Saltmarsh, 1.6km S of Welwick, TA3318, P.J. Cook, 1997, det. J.R. Akeroyd.

47/8.13c. *RUMEX CRISPUS* subsp. *ULIGINOSUS* *46, Cards.: Edge of tidal ditch, Teifi estuary, Cardigan, SN14, A. Ley, 1885, **BM**, det. J.R. Akeroyd. Flood terrace, Leri estuary E of Borth church, SN616899, J.R. Akeroyd & A.O. Chater, 1988. 1st and 2nd records.

47/8.13x19. *RUMEX CRISPUS* × *R. OBTUSIFOLIUS* (*R.* × *PRATENSIS*) 50, Denbs.: Waste ground, Pontcysyllte, SJ266419, J.A. Green, 1997. 2nd record. *73, Kirkcudbrights.: Waste ground, Newton, Dumfries, NX9477, O.M. Stewart, 1996.

47/8.14x21. *RUMEX CONGLOMERATUS* × *R. MARITIMUS* (*R.* × *KNAFII*) *58, Cheshire: Muddy shore, Rostherne Mere, SJ740840, G.M. Kay, 1997, **herb. G.M.K.**, det. J.R. Akeroyd.

47/8.15x9. *RUMEX SANGUINEUS* × *R. OBTUSIFOLIUS* (*R.* × *DUFFTII*) *58, Cheshire: Ditch, Adlington, SJ905796, J.H. Clarke, 1997, det. J.R. Akeroyd.

✓ 47/8.16. *RUMEX RUPESTRIS* 41, Glam.: 21 fruiting plants on largely inaccessible tufaceous cliff-ledge near Dunraven, SS8872, Q.O.N. Kay, 1996. 1st record since 1934.

47/8.19×21. RUMEX OBTUSIFOLIUS × R. MARITIMUS (R. × CALLIANTHEMUS) *37, Worcs.: Damp laneside verge, Heightington, SO7671, W.A. Thompson & B. Westwood, 1996, det. J.R. Akeroyd.

47/8.20. RUMEX PALUSTRIS 15, E. Kent: On sandy banks and edges of newly dug pits, Dungeness, TR0618, E.G. Philp, 1997. 1st record since 1632; c.100 plants still present in 1997.

48/1.11. LIMONIUM PARVUM 45, Pems.: Several hundred plants on blow-hole rim in limestone sea cliff, E of Mewsford Point, Castlemartin, SR9493, S.J. Leach, 1993, det. M. Ingrouille. Splash zone in gully near top of limestone sea cliff, Stackpole NNR, SR9894, S.J. Leach, 1993, det. M. Ingrouille. 2nd British records.

†49/1.off. PAEONIA OFFICINALIS *69, Westmorland: S side of fell road far from houses, Fell Yeat, Casterton, SD636795, C.E. Wild, 1990, LANC. *77, Lanarks.: Grassy bank, Shiels, Glasgow, NS5366, P. Macpherson, 1985, herb. P.M. Still there and flowering in 1989.

†51/1.1. HYPERICUM CALYGINUM 50, Denbs.: Edge of car park, Mold, SJ199627, J. Philips, 1997. 1st recent record.

†51/1.3×4.† HYPERICUM ANDROSAEMUM × H. HIRCINUM (H. × INODORUM) *49, Caerns.: Old quarry, Llangystennin near Colwyn Bay, SH8279, G. Battershall & W. McCarthy, 1997.

†51/1.4.† HYPERICUM HIRCINUM *50, Denbs.: Cracks in stone bridge, Tervor, SJ262415, J.A. Green, 1997.

51/1.6×7. HYPERICUM PERFORATUM × H. MACULATUM (H. × DESETANGSII) *35, Mons.: Side of forest track, Thicket Wood, Rogiet, ST4488, T.G. Evans, 1991; small wood, Cwmcarvan, SO4807, J. Harper, 1991. 1st and 2nd records.

†51/1.for. HYPERICUM FORRESTII *46, Cards.: Mixed woodland on N bank of Afon Ystwyth, Chwarel Goch, Pontrhyd-y-groes, SN725721, A.O. Chater, 1994, det. N.K.B. Robson.

52/1.2. TILIA CORDATA 29, Cambs.: Regrowth from large old coppice stool c.300 years old, Ditton Park Wood, TL662570, S. Leatherdale, 1995, CGE, det. C.D. Pigott. 1st record in E of county of native tree. *73, Kirkcudbrights.: Wood, by Loch Roan, NX745693, O.M. Stewart, 1995. †*80, Roxburghs.: A single large roadside tree planted W of Fairnington, Roxburgh, NT643278, R.W.M. Corner, 1995, herb. R.W.M.C., det. C.D. Pigott.

†52/1.euc. TILIA × EUCHLORA *29, Cambs.: In Park, by SW corner of Cherry Hill, Ely, TL540798, G. Crompton, 1993, det. C.D. Pigott. Widely planted in Cambridge; it is sterile and probably all one genetic clone.

†52/1.tom. TILIA TOMENTOSA *S, Channel Islands: Two mature trees (planted), taller about 8m, roadside verge, La Vaurocque, Sark, WV462758, R.M. Veall, 1997, JSY, det. R.A. Waterman.

†53/6.1. ABUTILON THEOPHRASTI *42, Brecks.: 3 flowering plants in swede field, Ty Mawr, Llysdinam, SN9957, K. Hughson & R.G. Woods, 1996.

57/1.2. VIOLA HIRTA 28, W. Norfolk: Chalk downland, Ringstead Downs, TF691402, T.C.E. Wells, 1997. 2nd extant locality in W. Norfolk.

57/1.4×5. VIOLA RIVINIANA × V. REICHENBACHIANA (V. × BAVARICA) *50, Denbs.: Deciduous woodland, Ruthin, SJ125554, S. Chambers, 1996, det. D. Moore. 1st record.

57/1.7. VIOLA LACTEA 10, Wight: Clifftop heath, Bouldor Copse, SZ379903, T.D. Dines & C. D. Preston, 1996. 2nd extant locality.

57/1.9b. VIOLA PALUSTRIS subsp. JURESSI 46, Cards.: Damp rocks by stream, 900m W of Glasbwl, Llyfnant, SN729974, A.O. Chater & J.P. Woodman, 1995, NMW. 2nd record.

†57/1.11×12×alt. VIOLA ALTAICA × V. LUTEA × V. TRICOLOR (V. × WITTROCKIANA) *50, Denbs.: Weedy roadside verge, Llyn Brenig, SH983592, BSBI group, 1997.

61/1.1×2. POPULUS ALBA × P. TREMULA (P. × CANESCENS) S, Channel Islands: On wall W of Seineusie grounds, road to La Moinerie, Sark, WV463764, R.M. Veall, 1997, JSY, det. R.A. Waterman. 1st record as naturalised. Trees now about 3m tall and suckered from tree about 30m distant.

61/1.3a. POPULUS NIGRA subsp. BETULIFOLIA *44, Carms.: †Morfa, Llanelli, SS59, J.A. Webb, 1945, NMW, det. G. Hutchinson & I.K. Morgan; tree now probably destroyed. Four trees on edge of footpath adjacent to reed-swamp, Dyfatty Marsh, Burry Port, SN454008, G. Hutchinson, 1993, NMW, conf. R.D. Meikle. 1st and 2nd records.

†61/1.3×del. *POPULUS NIGRA* 'PLANTIERENSIS' × *P. DELTOIDES* 'CORDATA' (*P.* × *CANADENSIS* 'ROBUSTA') *S, Channel Islands: One tree (planted) about 4m tall, roadside, foot of hedgebank, Rue de la Coupée between La Vaurocque & Dixcart Lane, Sark, WV461755, R.M. Veall, 1997, **JSY**, det. R.A. Waterman.

†61/1.3×del. *POPULUS* × *CANADENSIS* 'MARILANDICA' × *P.* × *CANADENSIS* 'SEROTINA' (*P.* × *CANADENSIS* 'REGENERATA') *S, Channel Islands: Three mature trees (planted), tallest now 18m, near stream in small, partly wooded, valley, Harbour Hill, Sark, WV473758, R.M. Veall, 1997, **JSY**, det. R.A. Waterman. Known to R.A.W. for many years.

†61/1.del×4. *POPULUS DELTOIDES* × *P. TRICHOCARPA* (*P.* × *GENEROSA*) *S, Channel Islands: Two trees (planted), taller about 6m, roadside, foot of hedgebank, Rue de la Coupée between La Vaurocque & Dixcart Lane, Sark, WV461755, R.M. Veall, 1997, **JSY**, det. R.A. Waterman.

61/2.5lam. *SALIX PURPUREA* subsp. *LAMBERTIANA* *77, Lanarks.: Bank of Carmichael Burn, Carmichael, NS9238, P. Macpherson, 1997, **herb. P.M.**, det. R.D. Meikle.

61/2.10×11. *SALIX CAPREA* × *S. CINEREA* (*S.* × *REICHARDTII*) *47, Monts.: Canal tow-path, Red Bridge, Arddlin, SJ2514, F.H. Perring, 1975. Beside River Rhiw, NE of Manafon, SJ122028, E. Roberts & M. Wainwright, 1991, det. C.A. Sinker. 1st and 2nd records.

61/2.10×12. *SALIX CAPREA* × *S. AURITA* (*S.* × *CAPREOLA*) *44, Carms.: Edge of scrub, acid moorland valley, Glanrhyd Farm, Maudsland, SN332321, R.D. Pryce, 1992, **NMW**, det. R.D. Meikle. 1st confirmed record.

61/2.10×15. *SALIX CAPREA* × *S. PHYLLICIFOLIA* *73, Kirkcudbrights.: Wood, Hardgate Quarry, NX817672, O.M. Stewart, 1996, **E**, det. R.D. Meikle.

61/2.11b×16. *SALIX CINEREA* subsp. *OLEIFOLIA* × *S. REPENS* (*S.* × *SUBSERICEA*) *46, Cards.: Damp meadow, Peris Brook, Llanon, SN56, J.H. Salter, 1930, **NMW**, det. R.D. Meikle.

61/2.12×15. *SALIX AURITA* × *S. PHYLLICIFOLIA* (*S.* × *LUDIFICANS*) *108, W. Sutherland: Edge of burn, Strath Feith an Leothaid, NC200212, P.A. Evans, 1997, conf. R.D. Meikle.

61/2.12×16. *SALIX AURITA* × *S. REPENS* (*S.* × *AMBIGUA*) *77, Lanarks.: Boggy ground, W of Longriggend, NS8070, P. Macpherson, 1997, **herb. P.M.**, det. R.D. Meikle. 1st record since 1923.

61/2.14. *SALIX MYRSINIFOLIA* *81, Berwicks.: Scrub, Winding Burn, NT815665, M.E. Braithwaite, 1996. Only extant record.

61/2.14×20. *SALIX MYRSINIFOLIA* × *S. MYRSINITES* (*S.* × *PUNCTATA*) *94, Banffs.: Scree, Shelterstone Crag, NH999015, J. Edelsten, 1994, **E**, det. R.D. Meikle.

61/2.16. *SALIX REPENS* *47, Monts.: Damp lake margin with *Calluna*, *Molinia* and *Sphagnum*, Llyn Gwyddior, SH938074, T. Teearu, 1997, conf. R.D. Meikle. 1st recent record.

61/2.21. *SALIX HERBACEA* *95, Moray: Barish areas on top of mountain, Creag an Tarmachain, Grantown-on-Spey, NJ154312, I.P. Green, 1996, conf. P.R. Green. 2nd record.

61/2.9×10×11. *SALIX VIMALIS* × *S. CAPREA* × *S. CINEREA* (*S.* × *CALODENDRON*) *37, Worcs.: Waste ground, Bury Hill, Oldbury, SO9789, W.A. Thompson, 1990, det. R.D. Meikle.

61/2.9×11. *SALIX VIMALIS* × *S. CINEREA* (*S.* × *SMITHIANA*) *50, Denbs.: Streamside by road, Llangwm, SH9844, A.O. Chater, 1996. Riverbank, Llanrwst, SH7961, J.A. Green, 1996. 1st and 2nd records.

†62/7.1. *ERYSIMUM CHEIRANTHOIDES* *81, Berwicks.: Established in turnip field, by Craighouse Quarry, NT605356, M.E. Braithwaite, 1995, **herb. M.E.B.** 1st record since 1931 and only extant locality.

†62/10.lon. *MATTHIOLA LONGIPETALA* *49, Caerns.: Several plants on waste ground, Port Dinorwic, SH5267, G.& I. Battershall, 1996.

†62/11.4. *BARBAREA VERNA* *89, E. Perth: New verge near Information Centre, Killicrankie, NN96, M. McCallum Webster, 1976, **E**. Shingle, Tay Marshes, Perth, NO129217, O.M. Stewart, 1982, **E**. 1st and 2nd records.

62/12.3. *RORIPPA ISLANDICA* *41, Glam.: Small population of about 5 plants in muddy disturbed ground in marshy grassland, Cwm Risca Meadow SSSI, SS8784, J.P. Woodman, 1996, conf. A.O. Chater. 2nd record.

62/12.4. *RORIPPA PALUSTRIS* *49, Caerns.: Shore of Coedty Reservoir above Dolgarrog, SH7566, R. Lewis, 1996. 2nd record.

62/12.5. RORIPPA SYLVESTRIS **93**, N. Aberdeen: Garden of old farm, Old Meldrum, NJ823279, D. Elston, 1996, conf. D. Welch. 2nd record.

62/14.6. CARDAMINE IMPATIENS **50**, Denbs.: Shady deciduous wood, Pandy, SJ1935, J.A. Green, 1996. 2nd post-1930 record.

†62/16.1. AUBRIETA DELTOIDEA ***50**, Denbs.: Limestone rocks, Mold, SJ199627, J. Phillips, 1997. ***81**, Berwicks.: Established on town walls, Lauder, NT530476, M.E. Braithwaite, 1997.

†62/2.1. DESCURAINIA SOPHIA ***46**, Cards.: Weed in garden of Tawelfan, Penrhyn-coch, SN641840, A.G. Bates, 1983, **NMW**, det. A.O. Chater.

62/21.4. DRABA MURALIS **8**, S. Wilts.: In chippings at base of stone wall, Stratford Tony, SU091266, E.J.B. & P.M. Rollinson, 1994. 1st record for 60 years. †**81**, Berwicks.: Established on dry bank, Grantshouse Quarry, NT/810652, M.E. Braithwaite, 1996. 2nd record.

62/22.1. EROPHILA MAJUSCULA ***3**, S. Devon: A garden weed, Newton Ferrers, SX552480, R. E.N. Smith, 1997, det. T.T. Elkington. ***37**, Worcs.: Little Malvern Quarry, SO7641, P.G. Garner, 1991, conf. T.T. Elkington. ***42**, Brecks.: Limestone outcrop, Ystradfellte, SN915134, M. Porter, 1997.

62/22.3. EROPHILA GLABRESCENS **3**, S. Devon: Forword Point, SX9049, R.E.N. Smith, 1993, det. T.T. Elkington, 2nd record. ***37**, Worcs.: West Malvern, SO7644, P.G. Garner, 1990, conf. T.T. Elkington.

62/23.3. COCHLEARIA OFFICINALIS ***†42**, Brecks.: Roadside about 2.5km NW of Erwood, SO075444, R.G. Woods, 1994. 1st record. This record replaces that for *Cochlearia danica* in *Watsonia* **20**: 423 (1995)

†62/24.1. CAMELINA SATIVA **51**, Flints.: 'Y Fedwen Arian', Cilcain, SJ1865, G. Harvey, 1996, det. T.C.G. Rich. 1st post-1930 record

62/28.4. THLASPI CAERULESCENS ***89**, E. Perth: Four plants only on steep, scree-strewn, craggy S-facing slope, across Lochsie Burn from Dalmunzie Hotel, Glen Taitneach, NO094714, D. Lloyd-Thomas & M. Sutton, 1992.

62/30.5. LEPIDIUM RUDERALE **46**, Cards.: Minute pavement flowerbed, Llanrhystud, SN538697, A.O. Chater, 1991, **herb. A.O.C.** 1st record since 1941.

62/33.1. DIPLLOTAXIS TENUIFOLIA ***46**, Cards.: Waste ground 500m SE of Aberystwyth Station, SN588811, A.O. Chater, 1997. ***91**, Kincardines.: Disturbed ground at abandoned railway yard, Crathes, NO7496, D. Welch, 1996, **ABD**.

†62/34.4. BRASSICA JUNCEA ***51**, Flints.: Garden weed, 'Gwylfa', Licswm, SJ1771, G. Wynne, 1996, det. T.C.G. Rich. Possibly from bird-seed.

†62/38.1. HIRSCHFELDIA INCANA **42**, Brecks.: Road verge, Talgarth, SO153337, M. Porter, 1997. 2nd record.

62/41.1. CRAMBE MARITIMA ***91**, Kincardines.: Coastal cliffs, Stonehaven, NO887874, V. McAdam & U. Urquhart, 1988.

62/42.1b. RAPHANUS RAPHANISTRUM subsp. MARITIMUS **46**, Cards.: Rank vegetation on edge of Ystwyth estuary, Aberystwyth, SN579806, S.P. Chambers & P. Amis, 1996, **NMW**, conf. A.O. Chater. 2nd record.

†62/42.sat. RAPHANUS SATIVUS ***S**, Channel Islands: In field near derelict vegetable garden, La Rondellerie, Sark, WV460763, M.H. Marsden, 1983, **JSY**.

†62/ERU.ves. ERUCA VESICARIA subsp. SATIVA ***44**, Carms.: Garden, below bird table, Llwynhendy, SS537993, I.K. Morgan, 1993. **51**, Flints.: Disturbed ground, New Brighton, near Mold, SJ2564, J. Phillips, 1996. 2nd record.

63/1.3. RESEDA LUTEA ***91**, Kincardines.: Roadside, Crathes, NO7496, D Welch, 1996.

†65/12.arb. ERICA ARBOREA ***17**, Surrey: One fair sized shrub in hedgerow by footpath, Brook, SU931380, J.F. Leslie, K. Page & J.E. Smith, 1992. Parent visible in garden behind high wall opposite.

†65/2.2. RHODODENDRON LUTEUM ***47**, Monts.: Steep side of Afon Hirddu and roadside, Lake Vyrnwy, SH974213, J. Clarke, 1997. ***50**, Denbs.: Wet areas around ponds in woodland, Coed Cerrig-y-Wyallt, near Tal y Cafn, SH786702, R. Lewis, 1988, **NMW**.

- †65/8.1. GAULTHERIA SHALLON *49, Caerns.: Naturalised on verge, Llanystumdwy, SH4738, BSBI meeting, 1997. *91, Kincardines.: Policies of mansion, Glen Dye, NO649862, D. Welch, 1997.
- †65/8.2. GAULTHERIA PROCUMBENS *46, Cards.: Under oaks in estate grounds S of Trawsgoed mansion, SN671730, A.O. Chater & R.G. Woods, 1989.
- 66/1.3. PYROLA ROTUNDIFOLIA *50, Denbs.: Several patches over 50m in hazel-birch-ash wood on waste from limestone quarry, Minera, near Wrexham, SJ264519, M. Stapley, 1989.
- †69/1.1×pru.† PRIMULA VULGARIS × P. × PRUHONICENSIS *41, Glam.: Hybrid swarms in chapel graveyard with both parents, Rhyd y Fron, near Pontardawe, SN713059, R.G. & J.D. Woods, 1997.
- 69/2.1. HOTTONIA PALUSTRIS *71, Man: Boundary ditch on maritime heath, Ayres, NX432026, M. Devereau, 1988, L.S. Garrard, 1994. Means of arrival unknown but conceivably bird carried. Size of colony fluctuates.
- †69/3.1. CYCLAMEN HEDERIFOLIUM 46, Cards.: Shaded bank of Afon Einon by Ynys-hir bridge, Eglwys-fach, SN684957, E. Greenwood, & P. & W.M. Condry, 1995. 2nd record. *47, Monts.: Bank of Bachan Brook adjoining roadside, Aberbechan, SO1393, C.A. Small, 1989. 1st localised record.
- 69/8.1. SAMOLUS VALERANDI *12, N. Hants.: Shallow pool, Longmoor Airstrip, SU8031, N. A. Sanderson, 1994.
- †71/DEU/sca. DEUTZIA SCABRA *49, Caerns.: Edge of woodland W side of B5106, Pont Dolgarrog, SH7766, R. Lewis, 1996, **NMW**. 1st Welsh record.
- †71/HYD.mac. HYDRANGAEA MACROPHYLLA *17, Surrey: One shrub, pale blue, in woodland, Hindhead, SU881360, J.B.S. Hodge, 1993. Not obviously planted – possibly self-sown.
- †72/2.4. RIBES SANGUINEUM *50, Denbs.: Canal bank, Trevor, SJ256413, J.A. Green, 1997.
- †73/1.1. CRASSULA TILLAEA *45, Pems.: Abundant in compact soil amongst car park blocks, Manorbier car park, SS0697, J.W. Donovan, 1996.
- †73/1.3. CRASSULA HELMSII *44, Carms.: Abundant in pond, Wern Fendigaid, SN638455, I. K. Morgan, 1987. *45, Pems.: Small patch with abundant *Lemna trisulca* in small pond on slope in woodland, Pwll Dyfrig, Glyn-y-mel, Lower Fishguard, SM967371, S.B. Evans *et al.*, 1997. *67, S. Northumb.: Blackworth, NZ37, S. Lowe, 1990. East Cramlington, NZ292759, M. Teffner, 1992. 1st and 2nd records. *73, Kirkcudbrights.: Newly dug pools in unimproved meadow, Craig, NX681755, O.M. Stewart, 1995. *77, Lanarks.: The Moat, Golf Course, Cadder in Glasgow, NS6072, P. Macpherson, 1996, **herb. P.M.**
- †73/3/1. SEMPERVIVUM TECTORUM *50, Denbs.: Roadside wall, Llangwm, SH9745, A.O. Chater, 1996. Chapel wall, Llangwm, SH9645, S.P. Chambers, 1996. 1st and 2nd records.
- 73/5.18. SEDUM VILLOSUM 73, Kirkcudbrights.: By a small burn, Cairnmore of Carsphairn, NX584980, D. Hawkes, 1997. 1st record since 1854.
- †73/5.4. SEDUM SPECTABILE *11, S. Hants.: Under bramble near car park along track, Keyhaven, SZ308917, P.A. Budd, 1997.
- †74/4.1. DARMERA PELTATA *58, Cheshire: Stream bank, Adlington, SJ912807, J.H. Clarke, 1996, conf. G.M. Kay. Wooded streambank, Disley, SJ969844, G.M. Kay, 1997. 1st and 2nd records.
- †74/5.2. SAXIFRAGA CYMBALARIA *46, Cards.: Wall, Alltyroddyn, Capel Dewi, SN450443, M. L. Lewis, c.1921, **ABS**, det. A.O. Chater & A.D.Q. Agnew.
- †74/5.9. SAXIFRAGA SPATHULARIS *46, Cards.: Mixed woodland, Plas Einion, Furnace, SN684948, A.O. Chater, 1991.
- 74/5.9×10. SAXIFRAGA SPATHULARIS × S. HIRSUTA (S. × POLITA) *93, N. Aberdeen: Woodland by lochan, Cortes, NK003593, D. Welch, 1997, **herb. D.W.**
- 74/5.19. SAXIFRAGA TRIDACTYLITES *94, Banffs.: Disused airfield, Boyndie, NJ615646, J. Edelsten, 1993, **E. ABD**, det. D. Parker.
- †74/7.1. TOLMIEA MENZIESII *67, S. Northumb.: Cross roads, Oakerland near Hexham, NY942624, R.M. Burton, 1994, **herb. G.A. Swan**. *68, Cheviot: On bank of streamlet in part shade, Ingram, NU018162, G.A. & M. Swan, 1995, **herb. G.A.S.**

- †74/8.1.† TELLIMA GRANDIFLORA *51, Flints.: Probable garden escape in woodland, near houses, Wepre Country Park, Connah's Quay, SJ291683, J. Phillips, 1997. *67, S. Northumb.: Partly shaded on N bank of River Wansbeck, near Morpeth, NZ215865, H.E. Ellis, 1997, **herb. G. A. Swan.** *89, E. Perth: Kinnaird Burn Den, NN952585, R.E. Youngman, 1996.
- †75/2.1. PHYSOCARPUS OPULIFOLIUS *95, Moray: Several bushes in former garden, rough area on edge of forest, Darnaway Forest, near Forres, NJ006568, I.P. Green, 1996, conf. E.J. Clement.
- †75/3.1. SPIRAEA SALICIFOLIA *35, Mons.: Railside bank, Cadicot Pill, ST48, T.G. Evans, 1985, **NMW.**
- †75/3/1×2. SPIRAEA SALICIFOLIA × S. ALBA (S. × ROSALBA) *49, Caerns.: Hedgerow, near Ysbyty Ifan, SH8348, G. & I. Battershall, 1996. *77, Lanarks.: Near Abington, NS92, P. Macpherson, 1997, **herb. P.M.**, det. A.J. Silverside.
- †75/3/2×3. SPIRAEA ALBA × S. DOUGLASII (S. × BILLARDII) *46, Cards.: Hedges by road at N end of Ponthirwaun, SN262452, A.O. Chater, 1980, det. A.J. Silverside. Widely planted and naturalised in hedges.
- †75/3.3a. SPIRAEA DOUGLASII subsp. DOUGLASII *44, Carmes.: Railway cutting, Burry Port, SN444008, G. Hutchinson, 1988, **NMW.** *46, Cards.: Scrub, Ty'n-y-garth, Cwm Einion, SN691945, A.O. Chater, 1991, **NMW.** Roadside hedges, 100m S of Pwll-y-whil, Pontgarreg, SN352540, A.O. Chater, 1992, **NMW.** 1st and 2nd records. *51, Flints.: Waste ground on site of former garden, Sealand, SJ3568, G. Wynne, 1996, det. G. Hutchinson. *81, Berwicks.: Two large colonies established on roadside, Blyth road end, NT592489, M.E. Braithwaite, 1997, **herb. M.E.B.**
- †75/3.can×tri. SPIRAEA CANTONIENSIS × S. TRILOBATA (S. × VANHOUTTEI) *46, Cards.: Roadside hedges SW of Neuadd-lwyd chapel, 3.5km SSE of Aberaeron, SN473595, A.O. Chater, 1997, **NMW.**
- †75/4.1. ARUNCUS DIOICUS *42, Brecks.: Probably a garden outcast established on river bank, Sennybridge, SN9228, R.G. Woods, 1997.
- 75/6.1. FILIPENDULA VULGARIS *41, Glam.: Limestone grassland on cliff-top at Oxwich Point, far from roads and houses and apparently native, SS507848, B. Pawson, 1997.
- †75/8.2. RUBUS TRICOLOR *11, S. Hants.: Footpath by streambank, Beckton Bunny, SZ243935, V. Scott, 1997, **herb. R.P. Bowman.**
- 75/8.6. RUBUS BRIGGSIANUS *46, Cards.: One bush only in roadside hedgebank 250m ESE of Penwaun, St Dogmaels, SN157442, D.E. Allen & A.O. Chater, 1995, **BM**, conf. A. Newton.
- 75/8.7×321. RUBUS IDAEUS × R. CAESIUS *42, Brecks.: Hedge, Tretower, SO188211, M. Porter, 1997, **herb. M.P.**, conf. A. Newton.
- †75/8.9. RUBUS SPECTABILIS *73, Kirkcudbrights.: Wood edge and roadside, Damhead, Bambarroch, NX8456, O.M. Stewart & A. White, 1996.
- †75/8.10. RUBUS LOGANOBACCUS *12, N. Hants.: Waste ground, Woolmer Forest, near Borden, SU798367, A. Brewis, 1997, **herb. A.B.**
- †75/8.11. RUBUS COCKBURNIANUS 11, S. Hants.: Grassy roadside by gate into wood, nearly opposite cottage, A35 Southampton road, Mallard Wood, Lyndhurst, SU319093, R.P. Bowman, 1997, **herb. R.P.B.** 2nd record.
- 75/8.20. RUBUS FISSUS *8, S. Wilts.: Wardour [Castle], near Tisbury, ST9226, F.A. Rogers, 1895, **BM**, det. W.M. Rogers, conf. D.E. Allen. [12, N. Hants.: the **BM** vouchers for the record in *Journal of Botany* 45: 72 (1907) are *R. nessensis*, det. D.E. Allen.] *27, E. Norfolk: North Walsham to Westwick, TG2727, E.F. Linton, 1893, **BM**, conf. D.E. Allen.
- 75/8.23 RUBUS NESSENSIS *73, Kirkcudbrights.: Roadside through Dalbeattie Forest, NX85, J.R.I. Wood, 1972, **BM**, comm. D.E. Allen.
- 75/8.27. RUBUS PLICATUS *37, Worcs.: Wooded heath, Devil's Spittleful, Kidderminster, SO8075, A. Newton *et al.*, 1989. *H27, W. Mayo: Between Keel and Doogort, Achill Island, Fc.6507, J. Roffey, 1911, **BM**, conf. D.E. Allen.
- 75/8.32. RUBUS VIGOROSUS *37, Worcs.: Hartlebury Common, Stourport-on-Severn, SO8270, A. Newton, 1987.

- 75/8.34. *RUBUS ALBIONIS* *35, Mons.: Wooded path edge, Mescoed Mawr, ST2789, T.G. Evans, M. Porter & R.D. Randall, 1996.
- †75/8.51. *RUBUS ERRABUNDUS* *54, N. Lincs.: Lane near Walesby railway crossing, TF1091, F.A. Lees, 1877, **BM**, det. D.E. Allen.
- 75/8.52. *RUBUS GRATUS* *64, Mid-W. Yorks.: Bank of Claude's Clough, Brogden, SD848419, D.P. Earl, 1997.
- 75/8.53. *RUBUS HESPERIUS* *H10, N. Tipperary: Wooded bogland, near Slevoir Bay, Lough Derg, M8904, D.E. Allen, 1988, **BM**, conf. A. Newton.
- †75/8.55. *RUBUS LACINIATUS* *78, Peebles.: Wallace Hill Wood plantation, NT3136, A. Buckham, 1987, det. D.J. McCosh.
- 75/8.58. *RUBUS LEPTOTHYRSOS* *78, Peebles.: Quarry, near Innerleithen, NT3336, R. Learmouth, 1984, det. A. Newton.
- 75/8.61. *RUBUS LUDENSIS* *46, Cards.: Roadside hedgebank 100m S of Waunwhiod, St Dogmaels, SN145450, D.E. Allen & A.O. Chater, 1995, **BM**, conf. A. Newton.
- 75/8.62. *RUBUS MACROPHYLLUS* *37, Worcs.: Edge of deciduous plantation in Ockeridge Wood, SO7962; By woodland ride in Monk Wood, SO8060; both R. Maskew, A. Newton & M. Porter, 1995. 1st and 2nd records.
- 75/8.76. *RUBUS PYRAMIDALIS* *37, Worcs.: Trackside in coniferous woodland, Kyre near Tenbury Wells, SO6264, R. Maskew & A. Newton, 1992.
- 75/8.92. *RUBUS BOUDICCAE* *5, S. Somerset: Simonsbath, SS7739, E.S. Marshall, 1918 (as *R. pulcherrimus*), E. det. D.E. Allen. *40, Salop: Diddlebury Common, SO5085, A. Ley, 1909, **BM**, det. D.E. Allen. *46, Cards.: Hedgebank on sandy soil 200m N of Warren Farm, Penparc, SN201477, D.E. Allen & A.O. Chater, 1996, **BM**, conf. A. Newton. *48, Merioneth: Dolgellau, SH71, W.C. Barton & H.J. Riddelsdell, 1923, **BM**, det. D.E. Allen. *100, Clyde Is.: Lochranza, Isle of Arran, NR9350, M.L. Wedgwood, 1926, **BM**, E, det. D.E. Allen. *101, Kintyre: Skipness Castle, NR908577, A.R. Church, 1997; sides of B842 in Saddell area, NR786314, G.H. Ballantyne, 1997, **BM**, conf. D.E. Allen. *H16, W. Galway: Near Aughnanure Castle, Oughterard, M1543, J. Roffey, 1911 (as *R. pyramidalis*?), det. D.E. Allen. *H27, W. Mayo: Beside Lough Beltra, M0898, D.E. Allen & G. Sharkey, 1992, **BM**. *H35, W. Donegal: Wood by roadside, Ardnamona, G963857, M. Dowlen & P. Hodson, 1993, **BM**, det. D.E. Allen. *H38, Co. Down: Meenan, Aghaderg parish, J0939, W.M. Rogers, 1901, **BM**, det. D.E. Allen. Field next to Rowallane Gardens, Saintfield, J414579, A. Newton & P. Hackney, 1985, **BEL**, det. D.E. Allen. 1st and 2nd records. *H40, Co. Londonderry: Hedge, station yard, Limavady Junction, C637255, P. Hackney, 1978, **BEL**, det. D.E. Allen.
- 75/8.93. *RUBUS CARDIOPHYLLUS* *100, Clyde Is.: One bush on rocky ground by shore, Kingscross Point, Arran, NS056282, D.E. Allen & A.R. Church 1997, **BM**.
- 75/8.102. *RUBUS ELEGANTISPINOSUS* *78, Peebles.: Roadside, A701 S of Broughton, NT13, G.H. Ballantyne, 1986. Possibly planted.
- †75/8.102. *RUBUS ELEGANTISPINOSUS* *9, Dorset: Wessex Ridgeway through woods, Iwerne Minster, ST8813, D.E. Allen, 1996, **BM**, conf. A. Newton.
- 75/8.112. *RUBUS NEMORALIS* *78, Peebles.: Roadside, by junction of A703 and A72, Peebles, NT2540, G.H. Ballantyne, 1982.
- 75/8.113. *RUBUS PAMPINOSUS* *1, W. Cornwall: Among bracken below railway bridge, Ponsanooth, SW7737, W.C. Barton & F. Rilston, 1930, **BM**, det. D.E. Allen, conf. A. Newton. *46, Cards.: Colony at edge of larch plantation 100m W of Ty'n-y-cwm, Cwm Einion, SN699943, D.E. Allen & A.O. Chater, 1995, **BM**, conf. A. Newton. *47, Monts.: Llyfnant Valley, SN79, W.C. Barton, 1923, **BM**, det. D.E. Allen, conf. A. Newton.
- 75/8.118. *RUBUS PROLONGATUS* *37, Worcs.: Trackside in Wissett's Wood near Bayton, SO6772, R. Maskew & A. Newton, 1993.
- 75/8.122. *RUBUS RUBRITINCTUS* *8, S. Wilts.: East Copse, between Redlynch and Whiteparish, SU226219, Wiltshire Botanical Society, 1996, det. D.E. Allen. *64, Mid-W. Yorks.: Roadside, Gisburn Forest, SD7356, A. Newton, 1997.

- 75/8.125. *RUBUS SUBINERMOIDES* *8, S. Wilts.: East Copse, between Redlynch and Whiteparish, SU226219, Wiltshire Botanical Society, 1996, det. D.E. Allen. *37, Worcs.: Scrub on limestone grassland, Tinker's Coppice, Horsham, SO7357, J.J. Day, R. Maskew & A. Newton, 1992.
- 75/8.132. *RUBUS SPRENGELII* *37, Worcs.: Trench Wood, Oddingley, SO9258, A. Newton *et al.*, 1988.
- †75/8.134. *RUBUS ARMENIACUS* 'HIMALAYAN GIANT' *46, Cards.: Slope above road 200m S of Cardigan Bridge, SN178456, D.E. Allen & A.O. Chater, 1996, **NMW**. *H31, Co. Louth: Clogher Head, O1785, M. Campbell, 1991, **BM**, det. D.E. Allen.
- 75/8.140. *RUBUS ROSSENSIS* *8, S. Wilts.: Roadside between Redlynch and Whiteparish, SU221218, Wiltshire Botanical Society, 1996, det. D.E. Allen.
- 75/8.140×142. *RUBUS ROSSENSIS* × *R. ULMIFOLIUS* *37, Worcs.: Scrub in woodland clearing, Papermill Coppice, near Alfrick, SO7451, P.G. Garner, R. Maskew & A. Newton, 1993.
- 75/8.141. *RUBUS STENOPETALUS* *9, Dorset: Two bushes on Wessex Ridgeway through woods, Iwerne Minster, ST8813, D.E. Allen, 1996, **BM**, conf. A. Newton.
- 75/8.142×321. *RUBUS ULMIFOLIUS* × *R. CAESIUS* *37, Worcs.: Hedge, New Mill Bridge, Shelsley Beauchamp, SO7262, J.J. Day, R. Maskew & A. Newton, 1992.
- 75/8.143. *RUBUS WINTERI* *33, E. Gloucs.: Hailes to Farmcote, SP0529, M.A. Rogers, 1913, **BM**, det. D.E. Allen, conf. A. Newton. *35, Mons.: Alder carr, Henllys Fen, ST2692, T.G. Evans, 1996, det. A. Newton.
- 75/8.144. *RUBUS ADSCITUS* *17, Surrey: Queen's Cottage grounds, Royal Botanic Gardens, Kew, SU1776, H.J. Riddelsdell, 1929, **BM**, conf. D.E. Allen. *37, Worcs.: Hagley Wood, Hayley Green, SO9381, A. Newton & M. Porter, 1993.
- 75/8.150. *RUBUS CRINIGER* *9, Dorset: Wessex Ridgeway near Iwerne Minster, ST8813, D.E. Allen, 1996, **BM**, conf. A. Newton.
- 75/8.158. *RUBUS ORBUS* *9, Dorset: Conifer plantation, France Firs, Blandford Forum, ST880095, D.E. Allen, 1996, **BM**, conf. A. Newton.
- 75/8.161. *RUBUS SURREJANUS* *35, Mons.: Woodland edge, N of Gray Hill, ST4293, R.D. Randall, 1993. *100, Clyde Is.: Bushy waste ground, Glen Cloy, Brodick, Arran, NS011358, D. E. Allen, 1997, **BM**.
- 75/8.163. *RUBUS VESTITUS* *78, Peebles.: Roadside, E of A72, Peebles, NT2540, G.H. Ballantyne, 1988.
- 75/8.167. *RUBUS EGREGIUS* *17, Surrey: Tooting Common, TQ2972, J. Roffey, 1910, **BM**, det. R.D. Randall, conf. A. Newton.
- 75/8.169. *RUBUS FUSCICORTEX* *46, Cards.: Llyfnant Valley, SN79 or SN69, W.C. Barton, 1923, **BM**, conf. D.E. Allen.
- 75/8.171. *RUBUS MUCRONATIFORMIS* *46, Cards.: Roadside hedgebank and field margin, Warren Farm, Penparc, SN201477, D.E. Allen & A.O. Chater, 1997, **BM**, conf. A. Newton.
- 75/8.174. *RUBUS WIRRALENSIS* *37, Worcs.: Scrub on site of disused army camp, Burlish Top, Kidderminster, SO8073, A. Newton *et al.*, 1989.
- 75/8.176. *RUBUS AEQUALIDENS* *33, E. Gloucs.: Whiteshill, near Stroud, SO8407, E.M. Day, 1914, **BM**, det. D.E. Allen, conf. A. Newton. *34, W. Gloucs.: Berry Hill, SO5612, E.M. Day, 1913, **BM**, det. D.E. Allen. *46, Cards.: Track verge in conifers, Long Wood, Llangybi, SN610515, D.E. Allen & A.O. Chater, 1996, conf. A. Newton.
- 75/8.180. *RUBUS DIVERSUS* *8, S. Wilts.: Coniferised ancient woodland, Barnell Copse portion of Whiteparish Common, SU250218, Wiltshire Botanical Society, 1996, **BM**, det. D.E. Allen, conf. A. Newton.
- 75/8.184. *RUBUS GLAREOSUS* *35, Mons.: Wooded path edge, Mescoed Mawr, ST2789, T.G. Evans, M. Porter & R.D. Randall, 1996.
- 75/8.185. *RUBUS GRIFFITHIANUS* *H30, Co. Cavan: Lane on E side of Slieve Glah, H460002, D.E. Allen & P. Reilly, 1987, **BM**, conf. A. Newton.

75/8.188. *RUBUS HETEROBELUS* *4, N. Devon: Track in forestry, Powler's Piece near Melbary, SS365190, R.W. Gould, 1997, **herb. R.W.G.**, det. A. Newton.

75/8.195. *RUBUS MOYLEI* *8, S. Wilts.: West Dean, SU257273. W.C. Barton, 1941, **BM**, det. D.E. Allen.

75/8.197. *RUBUS NORVICENSIS* *21, Middx.: Wooded enclosure, Holland park, London, TQ248800, D.E. Allen, 1997, **BM**, conf. A. Newton. *46, Cards.: Woodland by bridge 300m SSW of Capel Dewi church, SN451421, D.E. Allen & A.O. Chater, 1996, **BM**, conf. A. Newton. 1st Welsh record.

75/8.200. *RUBUS TRICHODES* *11, S. Hants.: Gorse hedge by Bedhampton hypermarket, Havant, SU679077, D.E. Allen, 1992, **BM**, det. A. Newton. *23, Oxon: Chinnor Hill, SU7699, W.O. Focke & W.M. Rogers, 1894, **BM**, det. D.E. Allen & R.D. Randall, conf. A. Newton.

75/8.203. *RUBUS ADAMSII* *37, Worcs.: Trackside in woodland, Pitcher Oak Wood, Redditch, SP0267, R. Maskew, A. Newton & W.A. Thompson, 1996.

75/8.206. *RUBUS ANISACANTHOS* *97, Westerness: Streamside, Resipol, Sunart, NM76, S.M. Macvicar, 1897-8, **BM**, det. A. Newton. *H21, Co. Dublin: Sides of Bohernabreena larger reservoir, O0923, D.E. Allen, 1987, **BM**, conf. A. Newton.

75/8.207. *RUBUS BILOENSIS* *6, N. Somerset: Rough pasture near Stourton, ST7633, R.P. Murray, 1894, **BM**, det. A. Newton & M. Porter.

75/8.209. *RUBUS DENTATIFOLIUS* *37, Worcs.: Clent, SO9279, A. Newton & M. Porter, 1993.

75/8.211. *RUBUS DREJERI* *100, Clyde Is.: Roadside 2km N of Dougarie, Arran, NR871389, A.R. Church, 1997, **BM**, conf. G.H. Ballantyne.

75/8.214. *RUBUS FORMIDABILIS* *12, N. Hants.: Heathy wood margin, Wheatsheaf Common, Liphook, SU835305, D.E. Allen, 1996, **BM**, conf. A. Newton.

75/8.216. *RUBUS HIBERNICUS* *9, Dorset: Beech-fir plantation, Okeford Hill, ST8109, D.E. Allen, 1996, **BM**, conf. A. Newton.

75/8.217. *RUBUS INFESTUS* *78, Peebles.: Lay-by on A72, Woodend, NT3038, G.H. Ballantyne, 1981.

75/8.218. *RUBUS LEYANUS* *37, Worcs.: Scrub in farmyard, Stoke Bliss near Tenbury Wells, SO6463, R. Maskew & A. Newton, 1992.

75/8.224. *RUBUS BLOXAMII* *37, Worcs.: Trackside in woodland, Pepper Wood near Broadheath, SO9374, J.J. Day, R. Maskew & A. Newton, 1991.

75/8.225. *RUBUS BOTRYEROS* *37, Worcs.: Trackside in woodland clearing, Ramscombe Coppice, Great Witley, SO7666, J.J. Day, R. Maskew & A. Newton, 1990.

75/8.227. *RUBUS CANTIANUS* *17, Surrey: Bridleway through woodland, Croham Hurst, Croydon, TQ343629, D.E. Allen, 1997, **BM**, conf. A. Newton.

75/8.231. *RUBUS ECHINATOIDES* *37, Worcs.: Edge of woodland, Black Meadow, Chaddesley Woods, SO9173, J.J. Day, R. Maskew & A. Newton, 1991.

75/8.239. *RUBUS INSECTIFOLIUS* *37, Worcs.: Clent, SO9279, A. Newton & M. Porter, 1993.

75/8.243. *RUBUS MALVERNICUS* *46, Cards.: Replanted conifer plantation, Allt Maestir, 3-5km NW of Lampeter, SN546503, D.E. Allen & A.O. Chater, 1997, **BM**, conf. A. Newton.

75/8.245. *RUBUS PALLIDUS* *37, Worcs.: Edge of woodland, Black Meadow, Chaddesley Woods, SO9173; Trackside in woodland, Pepper Wood near Bournheath, SO9374; both J.J. Day, R. Maskew & A. Newton, 1991. 1st and 2nd records.

75/8.249. *RUBUS RADULA* *78, Peebles.: W side of Walkerburn, NT3537, G.H. Ballantyne, 1981. *100, Clyde Is.: Trackside, Kilmory, Arran, NR959210, A.R. Church & G.H. Ballantyne, 1996; A.R. Church & D.E. Allen, 1997.

75/8.253. *RUBUS RUDIS* *37, Worcs.: Scrub in woodland clearing, Papermill Coppice near Alfrick, SO7451, P.G. Garner, R. Maskew & A. Newton, 1993. *64, Mid-W. Yorks.: Edge of woodland, Gisburn, SD821496, D.P. Earl & J. Buckley-Earl, 1997. New northern limit?

75/8.257. *RUBUS SECTIRAMUS* *11, S. Hants.: Upper Grenville Copse, Hambledon, SU635172, D.E. Allen, 1996. *12, N. Hants.: Wood margin, Hartley Wood Common, Hartley Wespall, SU692581, D.E. Allen, 1994. *13, W. Sussex: Oakwood by sea, Chalkdock Point, near West Itchenor, SU790013, D.E. Allen, 1996. All **BM**, conf. A. Newton.

- 75/8.264. RUBUS ATREBATUM *11, S. Hants.: Margin of chestnut plantation, Hall Copse, near Romsey, SU329209, D.E. Allen, 1981, 1989, **BM**, conf. A. Newton.
- 75/8.266. RUBUS BERCHERIENSIS *46, Cards.: Bank below road, Cwm Degwell, 200m S of St Dogmaels Abbey, SN163454, D.E. Allen & A.O. Chater, 1995, **BM**, conf. A. Newton.
- 75/8.268. RUBUS DASYPHYLLUS *78, Peebles.: Old railway, Peebles, NT253401, G.H. Ballantyne, 1988.
- 75/8.270. RUBUS HYLOCHARIS *50, Denbs.: Roadside, Padog, SH8351, G. Battershall, 1996. [100, Clyde Is.: 1965 Arran specimen det. E.S. Eedes in *NMW* is *R. pictorum*, det. D.E. Allen.] *101, Kintyre: Car park, Skipness, NR903579, A.R. Church, 1997, **BM**, det. D.E. Allen, conf. A. Newton.
- 75/8.273. RUBUS MARSHALLII *9, Dorset: Heath and conifer plantation, Black Down, ST6087 & 6187, D.E. Allen, 1997, **BM**, conf. A. Newton.
- 75/8.275. RUBUS ASPERIDENS *37, Wors.: Scrub in coniferous plantation, Island Coppice, Kyre near Tenbury Wells, SO6464, R. Maskew & A. Newton, 1992.
- 75/8.276. RUBUS MURRAYI *37, Wors.: Trackside in deciduous plantation, Ellbatch Wood near Abberley, SO7366, J.J. Day, R. Maskew & A. Newton, 1990.
- 75/8.278. RUBUS NEWBRIDGENSIS [12, N. Hants.: Delete sole record in *Fl. Hants.*, 158 (1996); further study has shown population is of a different but unnamed species, D.E. Allen & A. Newton.]
- 75/8.284. RUBUS RILSTONEI *46, Cards.: Roadside hedgebanks 250m ESE of Penwaun, St Dogmaels, SN157442, D.E. Allen & A.O. Chater, 1995, **BM**, conf. A. Newton.
- 075/8.286. RUBUS SCABRIPES [17, Surrey: Delete record published in *Watsonia* 20: 291 (1995).]
- 75/8.299. RUBUS PEDEMONTANUS *37, Wors.: Trackside in coniferous woodland, Ribbesford Wood near Bewdley, SO7872, R. Maskew, A. Newton & W.A. Thompson, 1997.
- 75/8.307. RUBUS CONJUNGENS *S, Channel Is.: Bouley Bay, Jersey, WV6654, W.M. Rogers, 1897, **BM**, conf. A. Newton.
- 75/8.308. RUBUS EBORACENSIS *78, Peebles.: Roadside, Nether Harsburgh, NT304394, D.J. McCosh, 1983, det. D.E. Allen.
- 75/8.310. RUBUS HEBRIDENSIS *94, Banffs.: Road junction, Dufftown, NJ323392, D. Welch, 1992, **ABD**, det. A. Newton.
- 75/8.312. RUBUS LATIFOLIUS *71, Man: Open hillside, The Creggans, Knockaloe, SC238818, D.E. Allen, 1975, **BM**, conf. A. Newton.
- 75/8.314. RUBUS PICTORUM *35, Mons.: Hedge, NW of White House, SO4222, M. Porter & R.D. Randall, 1993
- 75/8.315. RUBUS PRUINOSUS *46, Cards.: Disused railway embankment, Trawsgoed, SN663733, D.E. Allen & A.O. Chater, 1997.
- 75/8.317. RUBUS TENUIARMATUS 42, Brecks.: Hedge and lane verge, Digated valley near Llanigon, SO2138, M. Porter, 1997, **herb. M.P.** 2nd record.
- 75/8.319. RUBUS TUBERCULATUS *100, Clyde Is.: Edge of drive, Whiting Bay, Arran, NS046254, A.R. Church & A. Smith, 1997, **BM**, conf. D.E. Allen.
- 75/8.ari. RUBUS ARICONIENSIS *35, Mons.: Woodland, Kingswood, SO4612, M. Porter & R. D. Randall, 1993.
- 75/8.isc. RUBUS ISCANUS *35, Mons.: Woodland, Kingswood, SO4612, M. Porter & R.D. Randall, 1993.
- 75/8.per. RUBUS PERCRISPUS *46, Cards.: Laneside hedge 300m WSW of Bryneithyn, Llanfarian, SN579780, D.E. Allen & A.O. Chater, 1997, **BM**.
- 75/8.vag. RUBUS VAGENSIS *35, Mons.: Woodland, Kingswood, SO4612, M. Porter & R.D. Randall, 1993. *37, Wors.: Hay Slad, West Malvern, SO7644, P.G. Garner, R. Maskew & A. Newton, 1993. *42, Brecks.: Woodland, Park Wood, Talgarth, SO168338, M. Porter, 1991, **herb. M.P.**

75/8.ven. RUBUS VENETORUM *104, N. Ebudes: Laig Bay, Isle of Eigg, NM4802, S.M. Macvicar, 1895, **BM**, det. D.E. Allen.

75/9.5. POTENTILLA ARGENTEA *95, Moray: One plant on waste ground, Rafford, NJ053551, P.R. Green, 1996. 1st record for well over 100 years.

75/9.13×14. POTENTILLA ERECTA × P. ANGLICA (P. × SUBERECTA) *37, Worcs.: Trackside verge, Lickey Hills, SO9875, J.J. Day & R. Maskew, 1992, conf. B. Harold. †*77, Lanarks.: Junction between grassy bank and gravelly shore, Hillend Reservoir, NS8467, P. Macpherson, 1996, **herb. P.M.**, det. B. Harold.

75/9.14. POTENTILLA ANGLICA *95, Moray: Woodland ride, Quarry Wood, W of Elgin, NJ174631, P.R. Green, 1997. 1st confirmed record; possibly brought in with forestry vehicles.

75/9.14×15. POTENTILLA ANGLICA × P. REPTANS (P. × MIXTA) *37, Worcs.: Rough grassland, Clows Top, SO7171, R. Maskew, 1994, det. B. Harold.

†75/11.3. FRAGARIA × ANANASSA *49, Caerns.: Side of disused railway, Bontnewydd, SH4757, G. Battershall & W. McCarthy, 1996. Waste ground, Trevor, SH3847, G. Battershall & R. Lewis, 1996. 1st and 2nd records.

†75/11.chi. FRAGARIA CHILOENSIS *S, Channel Islands: Roadside bank, Rue La Rade outside Beauvoir, Sark, WV465764, R.M. Veall, 1933, **JSY**, det. A. Chevalier. Established on bank until site cleared about 1980. Portions of plants planted in garden and still present (1997)

75/15.2. AGRIMONIA PROCERA *61, S.E. Yorks.: Woodland, Hagg Wood, 0.8km E of Dunnington, SE6852, M. Hammond, 1996. Only extant locality.

75/17.3. SANGUISORBA MINOR *91, Kincardines.: Disturbed ground at abandoned railway yard, Crathes, NO7496, D. Welch, 1996, **ABD**.

†75/17.3b. SANGUISORBA MINOR subsp. MURICATA *50, Denbs.: Roadside near café, Redbrook, SJ508412, K. Watson, 1991, **NMW**.

†75/18.4. ACAENA INERMIS *44, Carms.: Disturbed river shingle, Llangadog, SN706277, I.K. Morgan & R.D. Pryce, 1987, **NMW**.

75/19.10b. ALCHEMILLA FILICAULIS subsp. VESTITA *46, Cards.: Flushed SW facing slope, sheep-grazed pasture with boulders, Cwm Berwyn 800m WNW of Diffwys, SN726780, A.O. Chater, 1988, **NMW**.

†75/19.15. ALCHEMILLA MOLLIS *49, Caerns.: Grassy bank W side of B5106, between Lodge Hotel and Bedal Inn, Talybont, SH7669, R. Lewis, 1996. Grassland near Elephant's Cove, Great Orme, SH7783, W. McCarthy, 1996. 2nd v.c. records. *50, Denbs.: Edge of car park, Llanrhaidr ym Mochnant, SJ1226, J.A. Green, 1996. Probable garden escape, 2nd record.

†75/21.1. ROSA MULTIFLORA *11, S. Hants.: Thicket with *R. canina*, Linford Bottom, Linford, SU179070, G.D. Field, 1997, det. A.L. Primavesi.

†75/21.3. ROSA LUCIAE *41, Glam.: Scrub at edge of old colliery tip below Kenwood Kennells, adjoining salt-marsh, W of Llanmorlais, Gower, SS526945, Q.O.N. Kay, 1995, **herb. Q.O.N.K.** 1st Welsh record. Presumably introduced or a garden throw-out but appears established.

75/21.4×11. ROSA ARVENSIS × R. STYLOSA (R. × PSEUDORUSTICANA) *4, N. Devon: Lane hedge, Sourton Quarry, SX521897, W.H. Tucker, 1997, conf. L.J. Margetts. 1st record under this name.

75/21.4×12. ROSA ARVENSIS × R. CANINA (R. × VERTICILLACANTHA) *4, N. Devon: Climbing through bushes by River Taw, North Wyke, SX6598, R.E.N. Smith, 1997, conf. A.L. Primavesi. 2nd record.

75/21.4×13b. ROSA ARVENSIS × R. CAESIA subsp. VOSAGIACA *37, Worcs.: Scrub on shore of reservoir, Upper Bittell Reservoir, Cofon Hackett, SP0275, R. Maskew, 1995, conf. A.L. Primavesi as hybrid with *R. arvensis* as female parent.

75/21.4×14. ROSA ARVENSIS × R. OBTUSIFOLIA (R. × ROUYANA) *37, Worcs.: Scrub at edge of woodland, Brazier's Coppice, Stoke Bliss near Tenbury Wells, SO6464, R. Maskew, 1991, det. as hybrid with *R. obtusifolia* as female parent.

75/21.4×16. ROSA ARVENSIS × R. SHERARDII *37, Worcs.: Hedge near Harpley, SO6860, R. Maskew, 1995. Hedge near Tanner's Brook, SW of Wyre Forest, SO7273, R. Maskew & W.A. Thompson, 1995; both det. R.M. as hybrids with *R. sherardii* as female parent. 1st and 2nd records.

75/21.4×19. *ROSA ARVENSIS* × *R. MICRANTHA* (*R. × INELEGANS*) *37, Worcs.: Woodland, Coalpits Wood near Knightwick, SO7254, R. Maskew & W.A. Thompson, 1995, conf. A.L. Primavesi as hybrid with *R. micrantha* as female parent.

75/21.5×17. *ROSA PIMPINELLIFOLIA* × *R. MOLLIS* (*R. × SABINII*) *78, Peebles.: Innerleithen, NT33, A. Craig-Christie, 1873, E, det. A. L. Primavesi.

75/21.5×18. *ROSA PIMPINELLIFOLIA* × *R. RUBIGINOSA* (*R. × BITURIGENSIS*) 93, N. Aberdeen: Roadside, Wells of Ythan, NJ623368, D. Welch, 1996, herb. D.W., det. G.G. Graham. 1st post-1930 record.

†75/21.8. *ROSA FERRUGINEA* *95, Moray: One bush self-sown on old tombstone, Alves, near Elgin, NJ134629, I.P. Green, 1996.

75/21.11×20. *ROSA STYLOSA* × *R. AGRESTIS* *11, S. Hants.: Heathland roadside, B3078 Godshill Ridge, SU186156, P.D. Stanley, 1997, det. A.L. Primavesi. 2nd British record.

75/21.12×13a *ROSA CANINA* × *R. CAESIA* subsp. *CAESIA* (*R. × DUMALIS*) *37, Worcs.: Scrub on side of Tanners Brook, SW of Wyre Forest, SO7273, R. Maskew & W.A. Thompson, 1995.

75/21.12×15. *ROSA CANINA* × *R. TOMENTOSA* (*R. × SCABRIUSCULA*) 17, Surrey: Two bushes in hedgerow, Byfleet, TQ071606, B.W. Phillips & K. Page, 1997, conf. A.C. Leslie & P. Stanley. 2nd record.

75/21.12×17. *ROSA CANINA* × *R. MOLLIS* (*R. × MOLLETORUM*) *94, Banffs.: Hedge, Broomhills farm road, NJ582646, J. Edelsten, 1997, det. R. Maskew.

75/21.12×18. *ROSA CANINA* × *R. RUBIGINOSA* (*R. × NITIDULA*) *37, Worcs.: Scrub on limestone grassland, Walsgrove Hill, Great Witley, SO7465, R. Maskew, 1995, det. as hybrid with *R. canina* as female parent.

75/21.12×19. *ROSA CANINA* × *R. MICRANTHA* (*R. × TODDIAE*) *37, Worcs.: Calcareous grassland, Gadbury Bank near Eldersfield, SO7931, R. Maskew, 1989, det. A.L. Primavesi as hybrid with *R. micrantha* as female parent. *47, Monts.: Llanymynech Rocks, SJ/26.21, R. Maskew, 1995.

75/21.12×20. *ROSA CANINA* × *R. AGRESTIS* (*R. × BELNENSIS*) *11, S. Hants.: Heathland roadside, B3078 Godshill Ridge, SU186156, P.D. Stanley, 1997, det. A.L. Primavesi. *49, Caerns.: Wood, near Keeper's Cottage, Penrhynside, Llandudno, SH8081, W. McCarthy, 1996. 1st Welsh record.

75/21.13×16. *ROSA CAESIA* × *R. SHERARDII* *94, Banffs.: Hedge, Mains of Durn farm road, NJ586651, J. Edelsten, 1997, det. R. Maskew.

75/21.13b×14. *ROSA CAESIA* subsp. *VOSAGIACA* × *R. OBTUSIFOLIA* *37, Worcs.: Scrub on limestone grassland, Walsgrove Hill, Great Witley, SO7465; Scrub on limestone grassland, Bredon Hill, SO9439; both R. Maskew, 1995. 1st and 2nd records.

75/21.11×14. *ROSA STYLOSA* × *R. OBTUSIFOLIA* *37, Worcs.: Roadside bank by A44, Broadwas, SO7555, R. Maskew, 1997, conf. A.L. Primavesi as hybrid with *R. obtusifolia* as female parent.

75/21.14×15. *ROSA OBTUSIFOLIA* × *R. TOMENTOSA* *37, Worcs.: Scrub in deciduous plantation in Trench Wood, Oddingley, SO9259, R. Maskew, 1996, det. as hybrid with *R. tomentosa* as female parent.

75/21.14×19. *ROSA OBTUSIFOLIA* × *R. MICRANTHA* *37, Worcs.: Scrub on calcareous grassland near Broadwas, SO7755, R. Maskew, 1997, conf. A.L. Primavesi as hybrid with *R. micrantha* as female parent.

75/21.15×16. *ROSA TOMENTOSA* × *R. SHERARDII* (*R. × SUBERECTIFORMIS*) *37, Worcs.: Scrub on roadside at Broad Heath, SO6765, R. Maskew, 1994, conf. A.L. Primavesi as hybrid with *R. sherardii* as female parent.

75/21.17. *ROSA MOLLIS* 50, Denbs.: Cliffs in Country Park, Mold, SJ1962, W. McCarthy, 1996. Limestone grassland, Maeshafn, SJ2061, BSBI group, 1996, det. A.L. Primavesi. 2nd v.c. records.

75/21.18. *ROSA RUBIGINOSA* 50, Denbs.: Limestone hillside, Rhyd y Foel, SH912763, W. McCarthy, 1997. Canal bank, Trevor, SJ258414, J.A. Green, 1997. 1st & 2nd recent records.

75/21.19x20. ROSA MICRANTHA × R. AGRESTIS (R. × BISHOPII) *8, S. Wilts.: Hedge, Toyd Farm, 5km S of Coombe Bissett, SU089206, P.D. Stanley, 1995, det. A. L. Primavesi.

75/21.20. ROSA AGRESTIS *8, S. Wilts.: Hedge, Toyd Farm, 5km S of Coombe Bissett, SU089206, P.D. Stanley, 1995, det. A.L. Primavesi. 1st record since before 1957. *12, N. Hants.: Old chalk pit, Noar Hill, SU7431, A. Brewis, 1978, **herb. A.B.**, det. R. Melville. *37, Wores.: Scrub on Malvern Common, SO7744, P.G. Garner & R. Maskew, 1989, det. G.G. Graham & A.L. Primavesi. *49, Caerns.: Limestone quarry, Bodafon, Llandudno, SH807820, W. McCarthy, 1995, det. A.L. Primavesi. Limestone hillside, Great Orme, SH7683, W. McCarthy, 1996. 1st & 2nd records this century. *50, Denbs.: Limestone hillside, Colwyn Bay, SH829799, W. McCarthy, 1996, det. A.L. Primavesi.

†75/22.13. PRUNUS LUSITANICA *46, Cards.: Estate woodland, Llanerchaeron, SN480602, A. O. Chater, 1982. Mixed woodland, Coed Penganowen, Nanteos, SN610786, A.O. Chater, 1992. 1st & 2nd v.c. record; widely naturalised throughout Cards. *49, Caerns.: Steeply sloping copse near roadside, between Tyn-y-groes and Talycafn Bridge, SH785719, R. Lewis, 1993, **NMW**. Originally planted but now spreading from bird-sown plants. [The record for this species from Llanbedr-y-cennin in *Watsonia* 20(3): 292 (1995) should be deleted and replaced by the above]. Edge of woodland above B5106, Gwydir Castel, Llanrwst, SH/79.60, R. Lewis, 1976. 1st and 2nd records.

75/22.4x5. PRUNUS SPINOSA × P. DOMESTICA (P. × FRUTICANS) *37, Wores.: Hedgerow, Eckington, SO9141, A.W. Reid, 1997, conf. R. Maskew & W.A. Thompson.

†75/28.18. SORBUS DECIPIENS *47, Monts.: Berriew, SJ1600, P.J. Nethercott, 1990.

†75/28.23. SORBUS LATIFOLIA *47, Monts.: Several plants with *S. aria* cut back into roadside hedge, Brooks, SO1499, M. Wainwright & V. Morgan, 1989, det. P.J. Nethercott. One medium-sized tree in hedgebank beside road, Berriew, SJ1600, P.J. Nethercott, 1989. 1st and 2nd records.

†75/28.7. SORBUS INTERMEDIA *42, Brecs.: One young plant c.15cm tall in waste ground, Brynmawr, SO167119, M. & C. Porter, 1997. 2nd record. *44, Carms.: On waste ground, Llanelli, SS500999, I.K. Morgan, 1992, **NMW**, det. G. Hutchinson. *47, Monts.: One small tree on roadside bank, Berriew, SJ1600, P.J. Nethercott, 1989. Roadside hedge and woodland, Brooks, SO1499, P.J. Nethercott, 1990. 1st and 2nd records.

†75/31.1. PHOTINIA DAVIDIANA *11, S. Hants.: Amongst gorse at edge of wood along heathland path, Fields Heath, Fawley, SU456023, R.P. Bowman, 1988, **herb. R.P.B.**, det. R.P. Bowman & E.J. Clement.

†75/32.34. COTONEASTER BULLATUS *4, N. Devon: Hedge near limestone quarry, Bampton, SS969221, M. Greenwood, 1995, det. J.R. Palmer. Plantation, Meddon, SS281189, W.H. Tucker, 1997, det. J. Fryer. 1st and 2nd record.

†75/32.35. COTONEASTER REHDERI *4, N. Devon: In plantation, Windcutter Hill, Lee, SS487461, E. Stenger & W.H. Tucker; Old railway cutting, Landcross, SS459237, W.H. Tucker; both 1997, det. J. Fryer. 1st and 2nd records.

†75/32.37. COTONEASTER DIELSIANUS *35, Mons.: Bird sown on old wall with *C. horizontalis*, Abergavenny, SO2914, I.K. Morgan, 1993, **NMW**, det. G. Hutchinson. *46, Cards.: Rocky scrub 150m SSW of Gwynfa, Tresaith, SN283511, A.O. Chater & P. Culyer, 1995, **NMW**.

†75/32.39. COTONEASTER FRANCHETII *49, Caerns.: Bank in old quarry, Llangystenium near Colwyn Bay, SH8279, G. Battershall & W. McCarthy, 1997. Roadside, Morfa Bychan, Porthmadog, SH5337, BSBI meeting, 1997. 1st & 2nd v.c. record.

†75/32.40. COTONEASTER STERNIANUS *46, Cards.: Self-sown bush in rocky scrub N of road at W end of Cwm Rheidol Reservoir, SN695796, A.O. Chater, 1996, **NMW**. *49, Caerns.: Limestone grassland bank, Great Orme, Llandudno, SH7782, W. McCarthy, 1997.

†75/32.mai. COTONEASTER MAIREI *11, S. Hants.: Roadside in thick shade, Somerley area, SU121075, G.D. Field, 1998, det. J. Fryer.

†75/32.mar. COTONEASTER MARGINATUS *50, Denbs.: Quarry floor, Llandulas, SH9177, W. McCarthy, 1994, det. J. Fryer.

†75/33.1. PYRACANTHA COCCINEA *46, Cards.: Several plants in rocky scrub above road at W end of Cwm Rheidol Reservoir, SN695796, A.O. Chater, 1996, **NMW**.

75/35.7×8. CRATAEGUS MONOGYNA × C. LAEVIGATA (C. × MEDIA) **28**, W. Norfolk: Roadside hedge, Rougham, TF836206, K. Beckett, 1996. 2nd record, c.600m from *C. laevigata*. ***46**, Cards.: One bush in hedgebank 130m SW of Tanllan, Llanbadarn Odwyn, SN633609, A.O. Chater, 1996.

75/35.8. CRATAEGUS LAEVIGATA **35**, Mons.: Two trees on wet heath, S of Tredegar, SO151068, T.G. Evans, 1995, **NMW**. 1st record since 1946.

†77/7.1b. ANTHYLLIS VULNERARIA subsp. POLYPHYLLA ***49**, Caerns.: Side of disused railway track, Bontnewydd, SH4757, G. Battershall & W. McCarthy, 1996.

77/7.1e. ANTHYLLIS VULNERARIA cf. subsp. LAPPONICA ***45**, Pembs.: Seacliff vegetation, E side of Porthclais Harbour, St David's, SM742239, E. Norman, 1997, **NMW**, det. J.R. Akeroyd.

†77/12.1. HIPPOCREPIS EMERUS ***12**, N. Hants.: Hedgerow, Monk Sherborne, SU607556, M. Taylor, 1997, **herb. A. Brewis**, det. E.J. Clement.

77/14.1. VICIA OROBUS **109**, Caithness: Valley side, Sandside, by Reay, NC950660, R.E.C. Ferreira, 1996. 1st localised record.

†77/14.3. VICIA TENUIFOLIA **28**, W. Norfolk: Pine forest ride in long grass, Roudham, TL931884, K.A. & G. Beckett, 1997, conf. E.J. Clement. 2nd record. c.3 plants far from habitation or disturbance.

†77/14.5. VICIA VILLOSA ***35**, Mons.: Newport Docks, ST38, T.G. Evans, 1985, **NMW**.

77/14.11b. VICIA SATIVA subsp. SEGETALIS ***49**, Caerns.: Road bank, Uwchmynydd near Aberdaron, SH1526, M. & A. Atkinson, 1997. Hedge bottom, Machroes near Abersoch, SH3226, M. & A. Atkinson, 1997. 1st & 2nd localised records of this subspecies.

†77/14.13. VICIA LUTEA ***35**, Mons.: Less than ten plants on railway embankment near bridge over Afon Honddu, Llanvihangel Crucorney, SO3220, S.A. Rippin, 1987.

†77/15.10. LATHYRUS HETEROPHYLLUS ***35**, Mons.: Extensive area on old railway ballast, Pye Corner, Bassaleg, ST2787, T.G. Evans, 1996. 1st Welsh record.

†77/15.11. LATHYRUS HIRSUTUS ***58**, Cheshire: Looking established on rough bank, Wharton, Winsford, SJ655667, J.P. Guest, 1997, **herb. G.M.K.**, det. G.M. Kay.

†77/15.12. LATHYRUS NISSOLIA ***49**, Caerns.: Grassy area at side of track leading to Llyn Parc, about 1.75km SW Llanrwst, SH7860, W. McCarthy, 1996. **51**, Flints.: Roadside verge near crossroads, 1 km NW of Nercwys church, SJ230613, J. Phillips, 1997. Frequent component of new amenity grassland on site of old rubbish tip, Etna Country Park, Buckley, SJ285650, P. Hodges, 1997. 1st confirmed records post-1930.

†77/15.6. LATHYRUS TUBEROSUS ***42**, Brecks.: Edge of disused railway, Cradoc, SO014304, E. Tompkins, 1997, **NMW**. At this site for at least 10 years.

†77/15.7. LATHYRUS GRANDIFLORUS **44**, Carns.: Established in roadside hedgerow, N side of A476 at Gate Square, near Penygroes, SN578148, R.D.Pryce, 1991, conf. G. Hutchinson. 2nd record, still present in 1996. ***95**, Moray: Rough area of former garden on edge of forest, Darnaway Forest, near Forres, NJ006568, I.P. Green, 1996.

†77/15.9. LATHYRUS LATIFOLIUS ***50**, Denbs.: Grassy hillside, Rhyd y Foel, SH914774, J.V. Robertson, 1997.

77/16.4b. ONONIS REPENS subsp. MARITIMA ***46**, Cards.: Dune at S end of Tan-y-bwlch Beach, Aberystwyth, SN579798, A.O. Chater, 1996, **CGE**, det. P.D. Sell. Sandy slope above sea, Traeth y Mwnt, SN194519, A.O. Chater, 1996, **NMW**. 1st and 2nd records.

†77/16.mit. ONONIS MITISSIMA ***41**, Glam.: Garden lawn, Dinas Powis, ST154709, J.P. Curtis, 1992, **NMW**, det. R.M. Burton.

†77/17.3. MELILOTUS OFFICINALIS ***10**, Wight, Disturbed ground, Bembridge Harbour, SZ632885, S.A. Campbell, 1997, **herb. C.R. Pope**, det. R.M. Burton. 1st confirmed record this century, despite intensive searches.

77/18.5. MEDICAGO ARABICA †**81**, Berwicks.: Sandy bank, The Lees, NT840390, M.E. & P.F. Braithwaite, 1997. 2nd extant record.

77/19.3. TRIFOLIUM OCCIDENTALE ***45**, Pembs.: Several flowering patches on coastal cliff grassland, Stack Rocks, Castelmartin, SR/92.5944 and Short Point, Dale, SM798044, R.S. Cropper, 1995. 1st and 2nd records.

†77/19.4b. TRIFOLIUM HYBRIDUM subsp. ELEGANS *77, Lanarks.: Coal bing slope, S of Garnkirk, NS6767, P. Macpherson, 1997, **herb. P.M.**

77/19.6. TRIFOLIUM SUFFOCATUM 10, Wight: Frequent on sandy coastal bank, Cande Lake, Ryde, SZ602926, C.R. Pope, 1996, **herb. C.R.P.** 2nd extant locality.

†77/19.10. TRIFOLIUM AUREUM 5, S. Somerset: Rough grassland at S end of Otterhead Lakes, Royston Water, ST226130, C.J. Cornell, 1997, conf. P.R. Green. 1st record for 73 years. Most likely sown with grass seed several years ago when work was done on lakes.

†77/22.1x2. LABURNUM ANAGYROIDES × L. ALPINUM (L. × WATERERI) *44, Carms.: Pure stand in hedge, Banc Blodeuyn, Mynydd Llanllwni, SN4835, P.A. Smith & A.O. Chater, 1996. Mainly a pure stand in hedgerow, Ffos-y-Gaseg, about 4km SW of Brechfa, P.A. Smith & A.O. Chater, 1996. 1st and 2nd records.

†77/23.2. CYTISUS MULTIFLORUS *49, Caerns.: Side of disused railway, Port Dinorwic, SH5267, G. Battershall *et al.*, 1996. 1 plant on grass verge, near Bangor, SH5971, G. & I. Battershall, 1997. 1st and 2nd records.

†77/24.1. SPARTIUM JUNCEUM *44, Carms.: One plant (self-sown?), roadside, Felinfoel, SN5202, I.K. Morgan, 1996. Amenity plantings, Machynys, SS5097, I.K. Morgan, 1996. 1st and 2nd records.

77/26.1x2. ULEX EUROPAEUS × U. GALLII *46, Cards.: Gorse slope, W side of Pendinas, Aberystwyth, SN582804, A.O. Chater, 1997, **NMW**, conf. P.M. Benoit.

†80/1.man. GUNNERA MANICATA *49, Caerns.: Riverside, Pont Eidda near Ysbyty Ifan, SH8350, G. & I. Battershall, 1997.

84/1.1x8. EPILOBIUM HIRSUTUM × E. CILIATUM (E. × NOVAE-CIVITATIS) *3, S. Devon: Near River Axe, Whitford Bridge, SY2695, L.J. Margetts, 1996, conf. T.D. Pennington. *37, Worcs.: Interfield, SO7749, P.G. Garner, 1993, det. T.D. Pennington.

084/1.8x12. EPILOBIUM CILIATUM × E. BRUNNESCENS *44, Carms.: Acid quarry spoil heap, Pen-y-Dinas Quarry, Llansawel, SN629355, A.O. Chater, 1995, **NMW**, det. T.D. Pennington. 1st Welsh record.

†84/1.13. EPILOBIUM PEDUNCULARE 45, Pems.: Woodland garden, Colby Lodge, SN156078, G. Kitchener, 1995.

84/1.2x3. EPILOBIUM PARVIFLORUM × E. MONTANUM (E. × LIMOSUM) *46, Cards.: Hedgebank, Clawdd-moel, Temple Bar, SN531531, A.O. Chater, 1996, **NMW**, conf. G. Kitchener. *77, Lanarks.: Sloping grassland in light wood, Burnside, near Glasgow, NS6259, P. Macpherson, 1995, **herb. P.M.**, det. J.R. Akeroyd.

84/1.2x8. EPILOBIUM PARVIFLORUM × E. CILIATUM *37, Worcs.: Garden weed, Wollaston, Stourbridge, SO8884, M.E. Smith, 1989, det. G.D. Kitchener. *49, Caerns.: Streamside gravels, Aberdaron, SH1726, M. & A. Atkinson, 1997. *58, Cheshire: By pool, Sandbach, SJ762610, J. H. Clarke, 1997, det. G. Kitchener. *77, Lanarks.: Base of wall by River Clyde, Blantyre, NS6958, A. McG. Stirling & P. Macpherson, 1996, **herb. P.M.**, det. G.D. Kitchener.

84/1.3x6. EPILOBIUM MONTANUM × E. OBSCURUM (E. × AGGREGATUM) *47, Monts.: Laneside near v.c. 50 border, Ffridd Llanerch, SJ1422, P.M. Benoit, 1988. 1st localised record.

84/1.3x8. EPILOBIUM MONTANUM × E. CILIATUM *77, Lanarks.: Roadside, Plains, Airdrie, NS7966, P. Macpherson, 1995, **herb. P.M.**, det. J.R. Akeroyd. *81, Berwicks.: One plant with both parents on waste ground, Lauder, NT527477, M.E. Braithwaite, 1997, **herb. M.E.B.**, det. G. Kitchener.

84/1.4x6. EPILOBIUM LANCEOLATUM × E. OBSCURUM (E. × LAMOTTEANUM) *49, Caerns.: Quarry near Aberdaron, SH1929, A.P. Conolly, 1959, det. C.A. Stace.

84/1.6x8. EPILOBIUM OBSCURUM × E. CILIATUM 44, Carms.: Swampy ditch between road and Afon Teifi, 300 m SE of Pont Stephan, Cwmann, SN583474, A.O. Chater, 1997. 2nd confirmed record. *46, Cards.: Shaded verge of A475, 700m E of Llandyfriog church, SN340409, C.D. Preston & A.O. Chater, 1996. Felled conifer plantation, Lodge Park, Tre'r-ddol, SN662931, A.O. Chater, 1997, **NMW**. 1st and 2nd records.

84/1.7. EPILOBIUM ROSEUM 89, E. Perth: By road along river, Blairgowrie, NO178457, O.M. Stewart, 1981. 2nd record.

84/1.9×12. *EPILOBIUM PALUSTRE* × *E. BRUNNESCENS* *46, Cards.: With both parents on damp shaley ground by Forestry road 2km S of Hafdre, Llyn Brianne, SN804512, A.O. Chater, 1995, **E, NMW**, conf. T.D. Pennington, G. Kitchener & D. McKean. 1st British record.

84/4.1×3. *OENOTHERA GLAZIOVIANA* × *O. BIENNIS* (*O.* × *FALLAX*) *28, W. Norfolk: Roadside, Garboldisham, TL990816, J. Hawksworth, 1994, det. J.C. Bowra. *51, Flints.: Between dunes and small marshy area near old lighthouse, Point of Ayr, SJ18, R.G. Ellis, 1980, **NMW**, det. K. Rostanski.

84/4.3×4. *OENOTHERA BIENNIS* × *O. CAMBRICA* *95, Moray: Many plants on road bank, Blackhills, W of Fochabers, NJ276596, I.P. Green, 1996, det. J.C. Bowra. Scattered along road bank, W of Forres, NJ006585, I.P. Green, 1996, conf. J.C. Bowra. 1st and 2nd records.

84/4.4. *OENOTHERA CAMBRICA* *44, Carms.: Churchyard, St Paul's Church, Llanelli, SS508997, A.M. Pell, 1985, **NMW**, det. R.D. Pryce.

84/6.2. *CIRCAEA ALPINA* *46, Cards.: Wooded ravine of Llyfnant stream 200m W of Cwmrhaidr, SN752962, A.O. Chater & T.D. Dines, 1997, **NMW**, conf. P.M. Benoit.

†84/CLA.amo. *CLARKIA AMOENA* *35, Mons.: Rubbish tip, Newport, ST3085, T.G. Evans, 1985.

†85/2.1. *AUCUBA JAPONICA* *50, Denbs.: Old hedge, Llangollen, SJ184439, J. Clarke & A. Franks, 1997.

88/1.1. *EUONYMUS EUROPAEUS* 81, Berwicks.: Riverside woodland, Birkwood Heaugh, M. E. & P.F. Braithwaite, 1995. 2nd extant record.

†88/1.2. *EUONYMUS LATIFOLIUS* *11, S. Hants.: Edge of wooded strip along track to beach, Cadland, Stanswood Bay, SZ470998, R.P. Bowman, 1997, **herb. R.P.B.**, det. E.J. Clement.

†89/1.1×per. *ILEX AQUIFOLIUM* × *I. PERADO* (*I.* × *ALTACLERENSIS*) S, Channel Islands: One bushy tree (planted), now about 8m tall, verge of footpath, opposite Flagpole Cottage (Beauregard), Sark, WV459756, R.M. Veall, 1997, **JSY**, det. R.A. Waterman. *50, Denbs.: Farm lane, Llangollen, SJ183434, J. Clarke & A. Franks, 1997. *73, Kirkcudbrights.: Wood edge, Netherlaw, NX740449, O.M. Stewart, 1996. *95, Moray: Self sown in roadside hedgerow, Forres, NJ058577, P.R. Green, 1996.

†91/2.7. *EUPHORBIA SERRULATA* *4, N. Devon: Waste ground, Colleton Mills, SS659147, E. Stenger, 1997, conf. L.J. Margetts. *41, Glam.: Thirty plants on calcareous waste ground, The Orchards, Llanishen, Cardiff, ST1781, D.Green, 1995.

91/2.15. *EUPHORBIA CYPARISSIAS* †81, Berwicks.: Established 2m up wall, Lauder, NT529477, M.E. Braithwaite, 1997. 2nd record.

†91/2.16b. *EUPHORBIA AMYGDALOIDES* subsp. *ROBBIAE* *46, Cards.: Roadside hedgebank S of Upper Bridge, Aberaeron, SN458623, A.O. Chater, 1996. Woodland just W of Cymerau Hall, Glandyfi, SN696962, S.P. Chambers, 1996. 1st and 2nd records.

†91/2.obl. *EUPHORBIA OBLONGATA* *44, Carms.: Established on garden rubbish tip, Llanelli, SN4901, I.K. Morgan, 1995, **NMW**, det. E.J. Clement. 1st Welsh record. *46, Cards.: Scrub slope above church hall, Llanbadarn Fawr, SN598810, S.P. Chambers, 1991, conf. B. Wurzell & E.J. Clement.

†93/2.2. *PARTHENOCISSUS INSERTA* *95, Moray: Creeping over gorse in waste area, Cummingstown, NJ135692, P.R. Green, 1996.

†99/1.5. *ACER SACCHARINUM* *77, Lanarks.: Surviving seedling on pathside in wood, Corehouse, NS8841, P. Macpherson, 1996, **herb. P.M.**, det. C.S. Crook.

†100/1.1. *RHUS TYPHINA* *46, Cards.: Well naturalised thicket of suckers in paddock, Penrhynoch, SN646842, A.O. Chater, 1997. *49, Caerns.: Side of path, Glynllifon, SH4655, G. & I. Battershall, 1997. *77, Lanarks.: Bank of River Clyde, Linthouse, NS5466, P. Macpherson, 1992, **herb. P.M.**, conf. J.R. Akeroyd. One plant surviving in 1998.

†102/1.3. *OXALIS CORNICULATA* *50, Denbs.: Wall in village, Nantglyn, SJ0062, BSBI group, 1996. 51, Flints.: Abundant around disused glasshouses, Thornleigh Park, Sealand, SJ3666, G. Kay & BSBI group, 1996, conf. M.F. Watson. 1st post-1930 record.

†102/1.4. *OXALIS EXILIS* 73, Kirkcudbrights.: Grass by road, Mavis Grove road S of Maxwelltown, O.M. Stewart, 1996. 2nd record.

- †102/1.8. *OXALIS ARTICULATA* **46**, Cards.: Roadside hedgebank N of Afon Cledan, 150m E of A487, Llanon, SN515668, A.O. Chater, 1996. 2nd record.
- †102/1.10. *OXALIS DEBILIS* **46**, Cards.: Several plants in rough grass on floor of old sandpit just N of A487(T), Banc y Warren, Penparc, SN203477, A.O. Chater, 1996. 2nd record.
- †102/1.14. *OXALIS INCARNATA* ***46**, Cards.: Roadside 100m W of Llangranog church, SN315540, A.O. Chater, 1996.
- †103/1.1. *GERANIUM ENDRESSII* **81**, Berwicks.: An established clump in damp grassland, near Lauder, NT521481, M.E. Braithwaite, 1997. 1st localised record.
- †103/1.1×2. *GERANIUM ENDRESSII* × *G. VERSICOLOR* (*G.* × *OXONIANUM*) ***46**, Cards.: Streambank by churchyard, Llanilar, SN623751, A.O. Chater & S.P. Chambers, 1994, **NMW**.
- 103/1.4. *Geranium ROTUNDIFOLIUM* **51**, Flints.: Spontaneous garden weed, Gronant, SJ0983, J. Phillips, 1996. 2nd v.c. record.
- †103/1.13. *GERANIUM IBERICUM* ***50**, Denbs.: Edge of stream, Llanrwst, SH799623, R. Lewis, 1997.
- †103/1.13×pla. *GERANIUM IBERICUM* × *G. PLATYPETALUM* (*G.* × *MAGNIFICUM*) ***49**, Caerns.: Naturalised on a bank, Port Dinorwic, SH5267, G. & I. Battershall, 1996.
- 103/1.15. *GERANIUM PUSILLUM* **46**, Cards.: Disturbed flowerbed, Art Dept. grounds, Buarth Mawr, Aberystwyth, SN588815, S.P. Chambers, 1996. Sandy swede field, Nantyferwig, SN168482, A.O. Chater, 1997. 1st and 2nd extant localities.
- †103/1.17. *GERANIUM MACRORRHIZUM* ***46**, Cards.: Footpath verge, SE of National Library, Aberystwyth, SN595814, A.O. Chater, 1992. *Salix cinerea* scrub, 200m NW of Cross Inn, SN542642, A.O. Chater, 1997. 1st and 2nd records. ***73**, Kircudbrights.: Woodland edge, Port Ling, NX883540, O.M. Stewart, 1996.
- †103/1.bru. *GERANIUM BRUTIUM* ***29**, Cambs.: Melbourn by-pass, Meldreth, TL384461, P.D. Sell, 1997, **CGE**.
- 103/2.2. *ERODIUM MOSCHATUM* **46**, Cards.: Shaley track margin and in adjacent field, 700m ESE of Capel Tygwydd, SN277432, A.O. Chater, 1996. 2nd record.
- †103A/LIM.dou. *LIMNANTHES DOUGLASII* ***S**, Channel Islands: Cliff path, Little Sark near Les Fontaines, Sark, WV451740, M.W. Angel, 1991, **JSY**, det. D. McClintock from photograph. ***58**, Cheshire: Newly-seeded roadbank, Stockport, SJ904902, G.M. Kay & E. Kearns, 1997.
- †104/1.maj. *TROPAEOLUM MAJUS* ***44**, Carms.: Behind rubble at edge of sea shore, St Johns Hill, Laugharne, SN302104, G. Hutchinson, 1991, **NMW**. ***49**, Caerns.: Waste ground, Porthmadog, SH5739, G. & I. Battershall, 1996, and J. Clarke & A. Franks, 1997.
- 105/1.1. *IMPATIENS NOLI-TANGERE* ***46**, Cards.: In a gully at Capel Bangor, SN67, C. Morley, 1939, in MS notebook, Ipswich Museum, per A.P. Fowles.
- 106/1.1.† *HEDERA COLCHICA* ***46**, Cards.: Scrub and wood, Caerhedyn, Llyfnant, SN709974, A.O. Chater, 1997. ***47**, Monts.: Scrambling up lakeside bank and trees, Lake Vyrnwy, SH962222, J. Clarke, 1997, det. A. Rutherford (as var. *dentata*).
- 106/1.2b. *HEDERA HELIX* subsp. *HIBERNICA* ***50**, Denbs.: Ruin, Llangwm, SH9844, A.O. Chater, 1996. Roadside wall, Llanrhaidr ym Mochnant, SJ1226, J.A. Green, 1996. 1st and 2nd records.
- †107/1.ran. *HYDROCOTYLE RANUNCULOIDES* ***11**, S. Hants.: Stream flowing through grounds, Southampton University, Highfield, Southampton, SU424151, C.M. Cockerill, 1997, **herb. R.P. B.**, det. R.P. Bowman. Browndown, Gosport, SZ583996, M.J. Southam, 1997. 1st and 2nd records. ***35**, Mons.: 4 large patches, Broadway Reen, Marshfield, ST2681, T.G. Evans, 1996.
- †107/3.1. *ASTRANTIA MAJOR* ***46**, Cards.: Well established on shaley slope below Forestry road in conifer forest 2.3km SE of Eisteddfa Gurig, SN811820, A.O. Chater, 1996, **NMW**. With *Fuchsia magellanica* and *Cotoneaster horizontalis* and presumably deriving from throw-outs, although 2km from nearest garden.
- 107/16.1. *BERULA ERECTA* **93**, N. Aberdeen: Marsh, Logie Buchan, NK0029, D. Welch, 1996, **ABD**. Only extant locality.

107/19.3. *OENANTHE PIMPINELLOIDES* *61, S.E. Yorks.: Seventy plants in neutral grassland, on edge of playing field, Ennerdale Sports Centre, Hull, TA0933, R. Middleton, 1997, **HLU**, det. M.J. Southam, 1st record N of Ipswich.

†107/30.1. *SISON AMOMUM* *44, Carms.: About fifty plants, presumably introduced with material from Slimbridge, in marshy area at edge of path, S of main wildfowl lake, Penclacwydd Wildfowl and Wetland Trust Centre, Llanelli, SS530986, B. Stewart, 1991, det. I.K. Morgan. 1st post-1930 record.

107/31.1. *CICUTA VIROSA* *37, Worcs.: Marginal reed-swamp, Podmore Pool, Kidderminster, SO8477, C.B. Westall, 1989, conf. J.J. Day & R. Maskew.

†107/38.1. *LEVISTICUM OFFICINALE* *35, Mons.: One plant in gap in pavement, Chepstow, ST5393(G), C.A. Shirley, 1994, **NMW**. *95, Moray: Several plants self sown, waste ground on dunes, Finehorn, NJ043643, I.P. Green, 1997.

†107/39.3. *PEUCEDANUM OSTRUTHIUM* *67, S. Northumb.: At W end of enclosure around long-deserted farm house, Grindon Green, NY729736, G. Simpson, 1992, **herb. G.A. Swan**. Only extant locality. *91, Kincardines.: Den by old graveyard, Garvock, NO743705, D. Welch, 1997.

107/40.1. *PASTINACA SATIVA* †42, Breccs.: Edge of railway track, Garth Station, SN953494, L. J. Smith, 1996. 2nd record. †*73, Kirkcudbrights.: 6-7 plants on roadside, A75 just E of road off to Girton, NX6154, O.M. Stewart & A. White, 1996.

†107/41.2. *HERACLEUM MANTEGAZZIANUM* *46, Cards.: Naturalised for c. 27 years, farmyard, Ynys Edwin, Eglwys-fach, SN678962, A.O. Chater & W.M. Condry, 1997. *91, Kincardines.: By River North Esk, Morphie, NO708636, D. Welch, 1994. Well established so present here for some years.

108/4.1. *BLACKSTONIA PERFOLIATA* *77, Lanarks.: Very widespread in abandoned industrial estate, Netherton, NS7855, W. Brackenridge, 1997, **herb. P. Macpherson**.

108/5.2. *GENTIANELLA CAMPESTRIS* 83, Midlothian: About twenty plants in rich grassland, Fullarton Water, only 2m away from lay-by after bridge, NT283564, C. Dixon, 1997, det. D.R. McKean. 1st record post-1934.

✓ 108/5.5. *GENTIANELLA ANGLICA* subsp. *ANGLICA* *37, Worcs.: Limestone grassland, Tunnel Hill, SP0247, J.W. Meiklejohn, 1992, conf. A.W. Reid. Limestone grassland, Highclere, SP0147 & SP0148, D.T. Holyoak, 1992. 1st and 2nd records.

†110/1.1. *NICANDRA PHYSALODES* 44, Carms.: Occasional garden weed on disturbed soil, Maesquare, W of Crymlyn Manor, Bethlehem, SN653233, M. Williams, 1995, **NMW**, det. G. Hutchinson. 2nd record.

110/8.1x3. *SOLANUM NIGRUM* × *S. PHYSALIFOLIUM* (*S.* × *PROCURRENS*) *11, S. Hants.: Potato field, North Hayling, SU728030, P.D. Stanley & E.J. Clement, 1996, **herb. R.P. Bowman**, det. E. J.C.

†110/8.3. *SOLANUM PHYSALIFOLIUM* *49, Caerns.: Flower beds, town centre, Llandudno, SH7782, W. McCarthy, 1996.

†110/8.4. *SOLANUM SARACHOIDES* *95, Moray: One plant on waste ground, rubbish tip, Elgin, NJ236631, P.R. Green, 1997.

†110/8.7. *SOLANUM TUBEROSUM* *46, Cards.: Naturalised for at least 5 years in gully on sea cliffs, 300m ENE of Mwnt church, SN198521, A.O. Chater, 1997.

†110/8.ros. *SOLANUM ROSTRATUM* *11, S. Hants.: Edge of refuse tip in gravel extraction area, along footpath, Efford, Keyhaven, SZ310922, M.E. Young, 1997, **herb. R.P. Bowman**.

†110/8.vil. *SOLANUM VILLOSUM* *35, Mons.: Farmyard, Rogiet, ST48, T.G. Evans, 1990s, **NMW**.

111/3.2b. *CALYSTEZIA SEPIUM* subsp. *ROSEATA* *46, Cards.: Grassy railway embankment, 500m W of Ynys Edwin, Eglwys Fach, SN673962, A.O. Chater & W.M. Condry, 1991, **NMW**.

111/3.2x4. *CALYSTEZIA SEPIUM* × *C. SILVATICA* (*C.* × *LUCANA*) *37, Worcs.: Waste ground, Billesley Common, SP0880, J.W. Partridge, 1995, det. R.K. Brummitt.

111/3.3x4. *CALYSTEZIA PULCHRA* × *C. SILVATICA* (*C.* × *HOWITTIIORUM*) *11, S. Hants.: In roadside hedge opposite house and garden, twining over *Symphoricarpos*, A3057 Lower Brook, Kings Somborne, SU339278, R.P. Bowman, 1997, **herb. R.P.B.**, det. R.K. Brummitt.

113/2.1. NYMPHOIDES PELTATA †**51**, Flints.: Established from planted stock in shallow muddy water, Greenfield Country Park, SJ193773, G. Wynne, 1997. 2nd record. †***60**, W. Lancs.: Old mill pond, Fleetwood, SD327465, D. & J. Steeden, 1985.

†114/1.1. POLEMONIUM CAERULEUM ***50**, Denbs.: Naturalised on rough banks, Carrog, SJ1046, S.P. Chambers, 1996.

115/1.1.† PHACELIA TANACETIFOLIA ***35**, Mons.: Horsington Yard, Abergavenny, SO21, R. Fraser, 1988, **NMW**. About 300 plants in strip across rape field, E of Gwern-eiddig, SO4106, J.D. R. Vernon, 1996; planted to keep away aphids. 1st and 2nd records. ***41**, Glam.: Established garden throw out, Whitchurch, Cardiff, ST152795, G. Hutchinson, 1991, **NMW**. ***42**, Brecks.: Weed on garden path, Cwm Gwdi, 3km SW of Brecon, SO0226, C.H.G. Allum, 1996. Introduced with bird seed? ***43**, Rads.: Garden path, Presteigne, SO3164, S. Voelcker, 1996, det. D.R. Humphreys.

†116/2.4. ECHIUM PININANA ***3**, S. Devon: Self seeding in a lane, Ringmore, SX6545, M. Catt, 1997.

†116/12.2. AMSINCKIA MICRANTHA ***58**, Cheshire: New earth bank, Moreton, SJ263901, P.G. Gutteridge, 1997, det. G.M. Kay. **77**, Lanarks.: Well established in recently planted woodland, Blantyre, NS6829, K. Watson, 1997, **GLAM**, det. E.J. Clement. 1st record since 1923, presumably an accidental introduction.

116/15.3. MYOSOTIS STOLONIFERA ***77**, Lanarks.: Flushes by the Carsehope Burn, SW of Daer Reservoir, NS9505, K. Watson, 1997, **herb. P. Macpherson**.

†116/4.2. SYMPHYTUM ASPERUM ***80**, Roxburghs.: One large established clump, roadside verge, Pinnacle, Ancrum, NT589254, H. Noltie, 1992, **herb. R.W.M. Corner**.

†116/4.4. SYMPHYTUM GRANDIFLORUM ***49**, Caerns.: Edge of wood, Edern near Nefyn, SH2839, G. Battersall *et al.*, 1996. Grassy roadside, Bethesda, SH6067, J. Hawksford, 1997. 1st and 2nd records.

†116/9.2. BORAGO PYGMAEA ***35**, Mons.: Narrow band of plants among foxgloves, bracken and brambles in strip of tall plants in middle of steep field, Yew Tree Cottage, Long Lane, Penallt, SO527092, S.J. Tyler, 1995, **herb. T.G.E.**, det. T.G. Evans, conf. J.R. Akeroyd.

†118/4.1c. LAMIASTRUM GALEOBDOLON subsp. ARGENTATUM ***50**, Denbs.: Road verge, Bryneglwys, SJ1446, S.P. Chambers, 1996.

118/5.2. LAMIUM MACULATUM **50**, Denbs.: Established on bank, Maerdy, SJ0144, S.P. Chambers, 1996. 2nd record.

†118/17.1. SATUREJA MONTANA ***44**, Carms.: About thirty-five plants well naturalised, street-side brick wall, Bryn Avenue, Barry Port, SN453009, I.K. Morgan, 1993.

118/18.5. CLINOPODIUM ACINOS ***10**, Wight: Fifty-six plants counted in old chalk pit, Nunwell Down, Brading, SZ592872, A. Campbell, 1997, **herb. C.R.P.**, det. C.R. Pope. Only extant locality.

†118/23.3×4. MENTHA SUAVEOLENS × M. SPICATA (M. × VILLOSA) ***46**, Cards.: Scrub above coast path, W end of Tresaith beach, SN277514, A.O. Chater, 1994, **NMW**.

118/23.4. MENTHA SUAVEOLENS †***81**, Berwicks.: Established on riverside, River Tweed below Clintmains, NT606324, M.E. Braithwaite, 1995, **herb. M.E.B.**, det. R.M. Harley.

†118/24.1. ROSMARINUS OFFICINALIS **49**, Caerns.: Sand dunes, West shore, Llandudno, SH7781, W. McCarthy, 1996. 2nd record.

118/25.4. SALVIA VERBENACA **50**, Denbs.: Limestone rock outcrops, Henllan, SJ027697, C. Welsh, 1997, det. J.A. Green. Grassland, Rhyd y Foel, SH914762, J.V. Robertson, 1997. 1st recent records

120/1.2. CALLITRICHE TRUNCATA **15**, E. Kent: Marsh dyke, Denge Beach, TR0517, E.G. Philp, 1996, **MNE**. 1st record for about fifty years.

120/1.6. CALLITRICHE BRUTIA ***110**, Outer Hebrides: Beinn na h-Aire, S Uist, NF8435, P. Smith, 1994.

121/1.1. PLANTAGO CORONOPUS **47**, Monts.: Sandy saltmarsh, near Dovey Junction Station, SN694987, Flora project field party, 1989. 2nd record.

121/1.3b. *PLANTAGO MAJOR* subsp. *INTERMEDIA* *50, Denbs.: Sandy bank, Sutton Green, SJ417489, K. Watson, 1993, **NMW**.

†122/1.2. *BUDDLEJA DAVIDII* *91, Kincardines.: Waste ground by petrol station, Banchory, NO709960, D. Welch, 1997.

†123/1.sus×vir. *FORSYTHIA SUSPENS*A × *F. VIRIDISSIMA* (*F.* × *INTERMEDIA*) *12, N. Hants.: Lane, Kingsley, SU787380, A. Brewis, 1997. *35, Mons.: Bank of River Ebbw, Risca, ST29, J. Harper, 1992. The River Ebbw bank has been reinforced and raised and many strange, planted? species have appeared there; this may be one of them.

†123/2.ang. *FRAXINUS ANGUSTIFOLIA* *29, Cambs.: Roadsides, Cambridge, TL45, C.D. Preston, G. Crompton & G.M.S. Easy, 1986 & 1987. ?Frequently planted now.

124/1.2. *VERBASCUM VIRGATUM* *79, Selkirks.: Pathside (now part of Southern Upland Way), near Galafoot, Galashiels, NT511351, J. Murray, 1995, **herb. R.W.M. Corner**, conf. D.R. McKean.

124/1.2×7. *VERBASCUM VIRGATUM* × *V. THAPSUS* (*V.* × *LEMAITREI*) *83, Midlothian: With both parents in waste ground, opposite Duddington caravan site, NT285721, S. Maxwell, 1996, **E.** det. D.R. McKean. New Scottish record.

†124/1.6. *VERBASCUM DENSIFLORUM* *35, Mons.: One plant with three main branched stems, on trackside in Council road maintenance site, Dixton, Monmouth, SO5113, T.G. & U.T. Evans, 1997, **herb. T.G.E.**

124/8.2. *CHAENORHINUM MINUS* *91, Kincardines.: Railway cess, Newtonhill, NO910935, D. Welch, 1997.

124/1.11. *VERBASCUM PULVERULENTUM* *44, Carms.: Waste ground, E of Llanelli Railway Station, SS508993, T. Davies, 1991.

†124/10.1. *ASARINA PROCUMBENS* *58, Cheshire: Old wall, Alderley Edge, SJ851781, A.R. Franks, 1997. Present for at least 10 years.

†124/11.2. *CYMBALARIA PALLIDA* *81, Berwicks.: Established on lower town walls, Lauder, NT529476, M.E. Braithwaite, 1997.

†124/11.3. *CYMBALARIA HEPATICIFOLIA* *40, Salop: Garden escape, growing on a wall, Grinshill, SJ515238, T. Preece, 1994.

124/12.2. *KICKXIA SPURIA* *43, Rads.: On disturbed ground, S of Penlan Wood, Clyro, SO208440, R.G. Woods, 1988, **NMW**.

124/13.1×4. *LINARIA VULGARIS* × *L. REPENS* (*L.* × *SEPIUM*) *37, Worcs.: Railway track near Langley Green Station, SO9988, B.R.W. Fowler, 1987.

124/13.3×4. *LINARIA PURPUREA* × *L. REPENS* (*L.* × *DOMINII*) *11, S. Hants.: Edge of building site on bank between pavement and fence, Milford on Sea, SZ289914, V. Scott, 1997, **herb. R.P. Bowman**, det. R.P. Bowman & C.A. Stace. *37, Worcs.: Waste ground, Moseley, SP0882, J.J. Day, P.G. Garner & B. Westwood, 1993.

†124/15.1. *ERINUS ALPINUS* *95, Moray: Well naturalised in masonry on on Dulicht railway bridge, Grantown-on-Spey, NJ024282, J.R. Edelsten, 1996.

124/16.19. *VERONICA AGRESTIS* 10, Wight: Cracks in paving stones, Yarmouth, SZ357897, P. & G. Stanley, 1997, **herb. P.S.** 2nd recent record.

†124/16.25. *VERONICA LONGIFOLIA* *35, Mons.: Waste ground outside walled garden, Llanfoist Church, SO2813, T.G. Evans, 1990, **NMW**, det. E.J. Clement. *46, Cards.: Rough grass by long-overgrown tip, Blaendolau, Llanbadarn Fawr, SN600804, A.O. Chater, 1990.

124/20.1×5. *EUPHRASIA ROSTKOVIANA* × *E. ARCTICA* *42, Brecks.: Heathy field, Coelbren, SN8612, M. Porter, 1980, **herb. M.P.**, det. A.J. Silverside. 1st confirmed Welsh record.

124/20.3×7. *EUPHRASIA ANGLICA* × *E. NEMOROSA* *42, Brecks.: Rough grassy bank, Cwm Fforch, SO0937, M. Porter, 1982, det. A.J. Silverside.

124/20.7×19. *EUPHRASIA NEMOROSA* × *E. SCOTTICA* *42, Brecks.: Flushes along forestry ride, Garwnant, SN9913, M. Porter, 1989, det. A.J. Silverside.

✓ 124/20.8. *EUPHRASIA PSEUDOKERNERI* *35, Mons.: Turf over Carboniferous Limestone, S of Little Dinham Wood, T.G. Evans, 1994, det. A.J. Silverside.

124/20.9×19. EUPHRASIA CONFUSA × E. SCOTTICA *46, Cards.: Flush by drainage adit, Cwmystwyth leadmine, SN810751, S.P. Chambers, 1992, det. A.J. Silverside. *49, Caerns.: Damp montane grassland, Cwm Idwal, SH6458, A.J. Silverside, 1994.

124/20.13×14. EUPHRASIA CAMBRICA × E. OSTENFELDII *49, Caerns.: Rocky ledge, Cwm Idwal, SH6458, A.J. Silverside, 1994. 1st Welsh record.

124/20.14. EUPHRASIA OSTENFELDII *42, Brecons.: Flush by rocky outcrop, Nant Irfon, SN8453, M. Porter, 1995, det. A.J. Silverside. 1st record south of Snowdonia.

124/23.1. PARENTUCHELLIA VISCOSA 10, Wight: Over 250 plants in donkey pasture, Wootton Common, SZ533918, C.R. Pope, 1997. New and only extant site. †42, Brecons.: Single plant probably introduced in grass-seed mixture on road verge, near Llyswen, SO141375, M. & C. Porter, 1997. 2nd record.

124/24.1. RHINANTHUS ANGUSTIFOLIUS *11, S. Hants.: Species-rich acidic grassland over gravel/sand surface of former tip area, W of Fort Cumberland, Eastney, Portsmouth, SZ679991, D. P.J. Smith, 1997, det. R.P. Bowman (from colour transparencies). *35, Mons.: On bank damming stream to create a duck pond, Green Meadow Community Farm, ST2994, C. Titcombe, 1992, NMW, det. T.G. Evans, 2nd Welsh record.

124/24.2f. RHINANTHUS MINOR subsp. BOREALIS *49, Caerns.: Moel Siabod, SH75, E. Roberts, 1950s, det. D.J. Hamblen.

124/25.2b. PEDICULARIS SYLVATICA subsp. HIBERNICA *41, Glam.: Abundant on *Molinia* bog, especially in areas burnt two years previously, Broad Pool, Gower, SS5191, E. Lughadha, P. A. Smith, R. Warren & T.C.G. Rich, 1993, NMW.

†125/1.2. LATHRAEA CLANDESTINA *48, Merioneth: Shoreline of estuary, Dwyryd Estuary, SH589357, R.G. Hughes, 1993, NMW. *50, Denbs.: Under rhododendron, Bodnant Garden, SH7982, A. Parry Jones, 1995. 80, Roxburghs.: Under riverside willows, River Tweed, N side below Allan Water, NT525354, J. Murray, 1997. 2nd record.

125/2.10. OROBANCHE MINOR *50, Denbs.: Bare gravelly ground, Llay, SJ3354, K. Davies, 1996.

†127/1.1. ACANTHUS MOLLIS *49, Caerns.: Large, well-naturalised clump on bridleway, Rhiw, near Aberdaron, SH2328, G. & I. Battershall, 1996. *73, Kirkcudbrights.: Waste ground, Castle Douglas, NX7562, O.M. Stewart & A. White, 1995.

128/1.4. PINGUICULA GRANDIFLORA †*48, Merioneth: Basic boggy rill with *P. vulgaris*, Brithdir, near Dolgellau, SH71, P.M. Benoit, 1987, NMW. 1st record for Wales. Two plants only in 1983; increased to 11 in 1987. In a completely natural habitat but probably originally planted.

128/2.1. UTRICULARIA VULGARIS 73, Kirkcudbrights.: Abundant in loch by shore, Loch Ken, NX6970, O.M. Stewart, 1996, E. 1st recent record.

129/1.10.† CAMPANULA POSCHARSKYANA *49, Caerns.: Boulders on bank of River Roe, Rowen, Conwy, SH7670, W. McCarthy, 1996. Wall base, Llandudno, SH7882, W. McCarthy, 1996. 1st and 2nd records. *50, Denbs.: Old wall at edge of waste ground, Llanrwst, SH7961, R. Lewis, 1996.

129/1.12. CAMPANULA TRACHELIUM *46, Cards.: Naturalised in thick grass and nettles, Tyglyn Aeron, SN5059, M.L. Lewis, 1908, ABS, conf. A.O. Chater.

129/1.7. CAMPANULA GLOMERATA 51, Flints.: Semi-improved calcareous grassland, Pentrecwm, SE side of Moel Hiraddug, Dyserth, SJ0678, CCW 'Phase 1' survey, 1994. 2nd record.

†129/7.2. LOBELIA ERINUS 42, Brecons.: Disturbed roadside verge beside B4358, Beulah, SN9251, R.G. Woods, 1996. 2nd record. *44, Carms.: River shingle, River Teifi, N of Pentrecwrt, SN392395, G. Hutchinson, 1991. *47, Monts.: Roadside parking place, NW of Talywern, SH820009, C.A. Small, 1989. Stoney beach beside Afon Rhiw, NW of Felindre, SJ160022, E. Roberts & M. Wainwright, 1989. 1st and 2nd records. *49, Caerns.: Waste ground, Llanberis, SH5759, G. Battershall *et al.*, 1996. Pavement crack, Abersoch, SH3128, J. Hawksford, 1997. 1st and 2nd records.

129/7.3. LOBELIA DORTMANNIA *94, Banffs.: Pool near Loch Avon, NJ018026, J. Edelsten, 1994, E, det. D. McKean.

†130/5.arv. *ASPERULA ARVENSIS* *S, Channel Islands: Under bird-table in garden, The Kennel, Rue du Fort, Sark, WV466764, B. Gurden, 1979, **JSY**, det. D. McClintock.

130/6.3. *Galium ULIGINOSUM* **46**, Cards.: Flushed slope W of Llyn Gwngu, SN/837.728, J.P. Woodman & A.O. Chater, 1997. 2nd extant locality, and the only upland one.

†130/8.tin. *RUBIA TINCTORUM* *53, S. Lincs.: Growing over a Jurassic limestone wall, Boothby Graffoe, SK9859, P. Porter, 1996, det. I. Weston, conf. E.J. Clement.

131/1.4. *SAMBUCUS EBULUS* †*46, Cards.: Waste ground, Picton Terrace, New Quay, SN388600, R.E.N. Smith, 1997. Only extant locality. **59**, S. Lancs.: Well-established clump, fruiting well on disturbed mesotrophic grass/herb between industrial premises, Knowsley Industrial Park, Kirkby, SJ428972, P. Gateley, 1996. 1st record since 1960.

†131/2.3. *VIBURNUM TINUS* *49, Caerns.: One shrub in hedgerow between Trefriw and Gower Bridge, near Llanrwst, SH7862, R. Lewis, 1997. One shrub in hedgerow of lane near Afon Crafnant, W of Trefriw, SH7763, R. Lewis, 1997. 1st and 2nd records.

†131/3.orb×mic. *SYMPHORICARPOS ORBICULATUS* × *S. MICROPHYLLUS* (*S.* × *CHENAULTII*) *11, S. Hants.: Scrub, in hawthorn, gorse and brambles, Pennington Common, SZ307952, M.E. Young, 1997, det. Everton Nurseries. *39, Staffs.: One prostrate plant on old dumped spoil, W side of Bilston Cosely Road, SO944957, B.R. Fowler & I.C. Trueman, 1996, det. D. Gardner. *70, Cumberland: Plantation ride, Green Rigg, Catlowdy, NY485784, R.E. Groom, 1990, **LANC. 73**, Kirkcudbrights.: Disused quarry, near Hardgate, NX812668, O.M. Stewart, 1995. 2nd & only extant record.

131/4.1. *LINNAEA BOREALIS* **93**, N. Aberdeen: Sitka spruce plantation, previously Scots pine woodland, The Bin, NJ4943, E. Shand, 1989. 1st post-1930 record, confirming 1906 record for this pinewood.

†131/6.3. *LONICERA INVOLUCRATA* *43, Rads.: Streamside, Davids Well, SO0678, D.R. Humphreys & E.R. Dean, 1996, det. R.G. Woods.

†131/6.6. *LONICERA JAPONICA* *46, Cards.: Scrub by old allotments, Felin-y-mor Road, Aberystwyth, SN581805, A.O. Chater, 1994, **NMW**. Scrub on riverbank W of Llansantffraed church, SN511674, A.O. Chater & J.P. Woodman, 1997. 1st and 2nd records.

†131/6.tat. *LONICERA TATARICA* *17, Surrey: Bush 2m high in woodland strip, Send, TQ026548, J.F. Leslie & K. Page, 1993. Established garden throw-out.

133/1.2. *VALERIANELLA CARINATA* *108, W. Sutherland: Stony drive to house, Nedd, NC137319, I.M. Evans, 1997.

133/1.3. *VALERIANELLA RIMOSA* **12**, N. Hants.: Over 100 plants in arable field, Bramdown Copse, Overton, SU528471, J.R. Moon, 1994, det. F. Rose. Only extant locality.

†133/2.2. *VALERIANA PYRENAICA* *91, Kincardines.: Policies of mansion, Glenbervie, NO768805, D. Welch, 1996.

†133/2.phu. *VALERIANA PHU* **46**, Cards.: Roadside hedgebank 100m SW of Neuadd-lwyd chapel, 3.5km SSE of Aberaeron, SN473595, A.O. Chater, 1997, **NMW**. Roadside bank 850m NNE of Dihewyd, SN491566, A.O. Chater & J.P. Woodman, 1997. Only extant localities in Britain.

†134/1.2. *DIPSACUS SATIVUS* *51, Flints.: Probable garden escape in waste ground, near car park, Bridge Inn, Pontblyddyn, SJ278604, S.P. Chambers, 1997.

†134/1.lac. *DIPSACUS LACINIATUS* *17, Surrey: Over 20 plants in roadside verge, S of Hascombe, TQ001382, J.F. Leslie, K. Page & J.E. Smith, 1993. *44, Carms.: About twelve plants on cinders and ballast by main railway line, Pwll, Llanelli, SN463007, I.K. Morgan, 1997.

†135/1.3. *ECHINOPS BANNATICUS* *73, Kirkcudbrights.: Several clumps in open wood, near Kenmore Castle, NX635764, O.M. Stewart & A. White, 1995.

135/3.2c. *ARCTIUM MINUS* **73**, Kirkcudbrights.: Disused railway depot, E of Lochanhead, NX9171, O.M. Stewart, 1997. 2nd recent record.

135/4.1. *SAUSSUREA ALPINA* *77, Lanarks.: Rocky outcrop, Gana Hill, NS9501, K. Watson, 1997.

135/5.3×4. *CARDUS CRISPUS* × *C. NUTANS* (*C.* × *STANGII*) *37, Worcs.: With both parents in horse pasture, Cookley, SO8480, B. Westwood, 1996, conf. R. Maskew & W.A. Thompson.

135/11.1. CENTAUREA SCABIOSA *91, Kincardines.: Disturbed ground at abandoned railway yard, Crathes, NO7496, D. Welch, 1996.

†135/11.2. CENTAUREA MONTANA *81, Berwicks.: Strong colony established in railway cutting, Lauder, NT498531, M.E. Braithwaite, 1997.

135/11.3×jac. CENTAUREA NIGRA × C. JACEA (C. × MONCKTONII) *61, S.E. Yorks.: Neutral grassland, verge of bypass, near Beverley, TA03, J. Dews, 1997, det. C.A. Stace.

135/16.1b. LEONTODON AUTUMNALIS subsp. PRATENSIS [58, Cheshire: Goyts Moss, SD001718. Delete record in *Watsonia* 21: 396 (1997).]

135/16.3. LEONTODON SAXATILIS 95, Moray: Grassy road verge, N verge of A96, W of Elgin, NJ166631, P.R. Green, 1996. 2nd record.

135/18.1. SCORZONERA HUMILIS *41, Glam.: Flushed marshy grassland, Cefn Cribwr Meadows SSSI, SS8583, J.P. Woodman, 1996, conf. P.D. Sell & A.O. Chater. Single patch in species-rich meadow at Little Hills Farm, SS539928, J.P. Woodman, 1997. 1st and 2nd records.

135/19.1b. TRAGOPOGON PRATENSIS subsp. MINOR *79, Selkirks.: Edge of path, near Gala Water & College of Textiles, Galashiels, NT507353, M. Little, 1994. 1st localised record.

135/21.4gla. SONCHUS ASPER subsp. GLAUDESCENS *46, Cards.: Roadside by Teifi estuary, Nantyferwig, Gwbart, SN166483, A.O. Chater, 1995. Disturbed ground by supermarket development, Parc-y-llyn, Llanbadarn Fawr, SN593806, A.O. Chater, 1995. 1st and 2nd records.

†135/23.3. CICERBITA PLUMIERI *95, Moray: Many plants on road verge and open woodland, Blackhills near Fochabers, NJ276585, I.P. Green, 1996.

135/28.62. TARAXACUM FULGIDUM *42, Brecks.: Meadow, Llangasty Tal-y-Llyn, SO1225, A. J. Richards *et al.*, 1996.

135/25.65. TARAXACUM HAEMATICUM *35, Mons.: Short turf over coal waste, Cum Du, SO2502, T.G. Evans, 1997, **NMW**, det. A.J. Richards.

135/25.93. TARAXACUM LANCIDENS *42, Brecks.: Meadow, Llangasty Tal-y-Llyn, SO1225, A. J. Richards *et al.*, 1996.

135/25.96. TARAXACUM PRIONUM *42, Brecks.: Lane verge, grassy bank, 3km N of Ponsticill, SO0514, M. Porter, 1995, det. A.J. Richards.

135/25.124. TARAXACUM CURTIFRONS *42, Brecks.: Bank of old lane near Llanbedr, SO225193, M. Porter, 1996, **herb. M. P.**, det. A.J. Richards.

135/25.125. TARAXACUM CYANOLEPIS *35, Mons.: River Wye meadow covered by Spring tides, N of Chepstow Castle, ST531951, T.G. Evans, 1997, **NMW**, det. A.J. Richards.

135/25.134. TARAXACUM EXSERTIFORME *35, Mons.: Forest road, N of Howick, ST5095, Hans Øllg. *et al.*, 1996.

135/25.140. TARAXACUM HORRIDIFRONS *35, Mons.: Roadside, Cleddon, SO5103, International Taraxacum Group, 1996, det. A.J. Richards, Hans Øllg., *et al.*

135/25.159. TARAXACUM LUCIDUM *35, Mons.: Shady bank, Caerllan, SO4982, International Taraxacum Group, 1996, det. A.J. Richards, Hans Øllg., *et al.* *42, Brecks.: Pasture at edge of Llangorse Lake, Llangasty Tal-y-Llyn, SO1326, M. Porter, 1995, det. A.J. Richards.

135/25.170. TARAXACUM NITIDUM *35, Mons.: Shady bank, Caerllan, SO4908, International Taraxacum Group, 1996, det. A.J. Richards, Hans Øllg., *et al.*

135/25.173. TARAXACUM OBTUSIFRONS *42, Brecks.: River bank, Llangynidr, SO1420, A.J. Richards *et al.*, 1996.

†135/25.189. TARAXACUM PSEUDORETROFLEXUM *35, Mons.: Cleddon Lane verge, Cleddon, SO5103, T.G. Evans, 1996.

135/25.199. TARAXACUM SINUATUM *61, S.E. Yorks.: Neutral grassland, Hollym Cross, TA3325, P.J. Cook, 1997, det. A.J. Richards.

135/25.215. TARAXACUM TUMENTILOBUM *35, Mons.: Roadside bank, New House Roundabout, M48, ST5391, T.G. Evans, 1996, det. A.J. Richards.

135/25.bre. TARAXACUM BRECONENSE *35, Mons.: Short turf over coal waste, Cwm Du, SO2502, T.G. Evans, 1997, **NMW**, det. A.J. Richards.

135/25.edm. TARAXACUM EDMONSONIANUM *42, Brecks.: Bank of old lane, Llangynidr, SO1419, M. Porter, 1996, det. A.J. Richards.

135/25.ope. TARAXACUM OPERTUM H.Øllg. ined. *35, Mons.: Forest roadside, N of Howick, ST5095, Hans Øllg. *et al.*, 1996.

135/26.3. CREPIS BIENNIS *46, Cards.: Abundant on roadside and field banks 500m SE of Glynarthen, SN313482, A.O. Chater, 1997, **NMW**. 47, Monts.: Semi-improved neutral grassland, Gweunydd Ty-Brith SSSI and Nature Reserve, Deuddwr, SJ243178, S.L. Smith & D. Guest, 1997. 2nd record. 80, Roxburghs.: One plant on road verge, Threepwood Bridge, NT519441, L. Gaskell, 1997, **herb. M.E. Braithwaite**. 1st record since 1878. †*81, Berwicks.: Perhaps established on road verge near old quarry, Threepwood Bridge, NT519441, L. Gaskell, 1997, **herb. M.E.B.**

†135/26.set. CREPIS SETOSA *35, Mons.: Near meadow boundary fence, near Llanfoist, SO300119, T.G. Evans, 1991, **NMW**, det. R. Fraser.

†135/27.2×6. PILOSELLA OFFICINARUM × P. AURANTIACA (P. × STOLONIFLORA) *4, N. Devon: Grass, Parracombe churchyard, SS669448, W.H. Tucker, 1997, **herb. L.J.M.**, conf. L.J. Margetts. *46, Cards.: E part of chapel graveyard, Tan-y-groes, SN284493, A.O. Chater, 1997, **CGE**, det. P.D. Sell. This population agrees with subsp. *schuriana* Naegeli & Peter and appears to be the first record for Britain for this nothomorph.

†135/27.3a. PILOSELLA FLAGELLARIS subsp. FLAGELLARIS *80, Roxburghs.: Old road, now gated off, near A7 N of Galashiels, NT476378, J. Murray, 1995, **herb. R.W.M. Corner**, det. D.R. McKean. *81, Berwicks.: Established on road verge, A1 near Grantshouse, NT814655, M.E. Braithwaite, 1996.

135/28.3. HIERACIUM RIGENS *37, Worscs.: Occasional in sandy heathland, Devil's Spittleful, SO8074, SO8174, SO8175, J. Bevan & W.A. Thompson, 1991.

135/28.6a. HIERACIUM UMBELLATUM subsp. UMBELLATUM *49, Caerns.: Side of disused railway, Caernarfon, SH4863, G. & I. Battershall, 1996.

135/28.21. HIERACIUM TRICHOCAULON *37, Worscs.: Small colony in sandy heathland, Devil's Spittleful, SO8174, J. Bevan & W.A. Thompson, 1993.

135/28.34. HIERACIUM SPARSIFOLIUM *47, Monts.: Rocky banks of Afon Trannon, E of Staylittle, SN9193, A.J. Morton, 1987, conf. J. Bevan.

135/28.67. HIERACIUM SUBAMPLIFOLIUM *37, Worscs.: Stone walls, Croft Bank, West Malvern, SO7646, J. Bevan, P.G. Garner & W.A. Thompson, 1990.

135/28.78. HIERACIUM ORCADENSE *91, Kincardines.: Outcrop of Old Red Sandstone, Dunnottar Castle, NO878838, D. Welch, 1995, **herb. D.W.**, det. D.J. McCosh.

135/28.115. HIERACIUM SCOTOSTICTUM *37, Worscs.: Sandy laneside bank, Upper Rochford, SO6367, R. Maskew & W.A. Thompson, 1994, det. J. Bevan.

135/28.123. HIERACIUM STENSTROEMII *37, Worscs.: Small colony in woodland, Armley Bank, Broadway Hill, SP1136, J. Bevan & W.A. Thompson, 1994.

135/28.133. HIERACIUM SUBCRASSUM *37, Worscs.: Broken wooded slope, The Dingle, West Malvern, SO7645, J. Bevan, P.G. Garner & W.A. Thompson, 1996, det. P.D. Sell. Fourth British record.

135/28.140. HIERACIUM EXOTERICUM *47, Monts.: Large population with other members of this section, railway cutting, S of Talerddig, SN9399, A.J. Morton, 1989.

135/28.147. HIERACIUM CALEDONICUM *94, Banffs.: Serpentine outcrop, Craigs of Succoth, NJ435363, D. Welch, 1992, **ABD**, det. D. McCosh.

135/28.165. HIERACIUM LASIOPHYLLUM *44, Carms.: One plant only on acid crag, Craig Allt-y-berau, SN7746, J. Bevan, R.D. Pryce & G. Hutchinson, 1995.

135/30.1. FILAGO VULGARIS 46, Cards.: Dry bank by road, RAE Site, Aber-porth, SN251516, A.O. Chater, 1997. 2nd extant locality.

135/30.4. FILAGO MINIMA 45, Pembs.: Hundreds to low 1,000s of plants scattered in short open turf on small stones, Trecwn Burning Ground, Llanychaer, SM9934, S.B. Evans *et al.*, 1996. 2nd record. 64, Mid-W. Yorks.: Hundreds of plants on floor of old sandstone quarry, Ireland Woods, Leeds, SE254382, M. Wilcox, 1997. 1st record this century.

135/33.6. *GNAPHALIUM LUTEALBUM* *15, E. Kent: Sandy area at edge of newly dug pits, Dungeness, TR0618, E.G. Philp, 1996, **MNE**. In 1997 several hundred plants & two further colonies were present in the area. †*95, Moray: One plant on waste ground on Gallow Hill, Hopeman, NJ149686, P.R. Green, 1997, **herb. I.P. Green**, conf. E.J. Clement.

†135/40.4. *SOLIDAGO GIGANTEA* *49, Caerns.: Village green (jettisoned garden relic?), Bryn croes, SH2231, J.P. Bailey & A.P. Conolly, 1985, **NMW**.

†135/40.5. *SOLIDAGO GRAMINIFOLIA* *42, Brecks.: Naturalised on waste ground, Brynmawr, SO185116, M. Porter, 1997.

†135/41.3×4. *ASTER LAEVIS* × *A. NOVI-BELGII* (*A. × VERSICOLOR*) *46, Cards.: Saltmarsh by Afon Rheidol, Aberystwyth, SN584811, A.O. Chater, 1993, **CGE**, conf. P.D. Sell & P.F. Yeo. *49, Caerns.: Edge of neglected car park, Pwllheli, SH3734, J. Hawksford, 1997. *77, Lanarks.: Well established in scrubby wood, Gartsherrie, NS7266, P. Macpherson, 1996, **herb. P.M.**, det. P. F. Yeo.

†135/41.4. *ASTER NOVI-BELGII* 81, Berwicks.: Established in ditch by road, A1107, near Old Cambus Wood, NT8368, M.E. Braithwaite, 1996. Large colony on road verge, A68 near Lauder Barns, NT547463, M.E. Braithwaite, 1997, **herb. M.E.B.** 1st and 2nd post-1930 records and only extant localities.

†135/41.4×5. *ASTER NOVI-BELGII* × *A. LANCEOLATUS* (*A. × SALIGNUS*) *44, Carms.: Roadside bank, Railway station approach, Kidwelly, SN401065, G. Hutchinson, 1995, **NMW**, det. P.F. Yeo. 1st authenticated record.

†135/41.5. *ASTER LANCEOLATUS* *49, Caerns.: Scrub, edge of river, Pwllheli, SH3734, J. Hawksford, 1997.

†135/41.con. *ASTER CONCINNUS* *46, Cards.: NE bank of Afon Cletwr, Tre'r-ddol, SN654929; N bank of Afon Rheidol, Aberystwyth, SN587812; both A.O. Chater, 1990, **CGE & NMW**, det. P.F. Yeo & P.D. Sell. 1st and 2nd records.

†135/43.1. *ERIGERON GLAUCUS* *49, Caerns.: Naturalised at side of track near Aberdaron, SH1626, G. & I. Battershall, 1996. Roadside verge, near Penmaenmawr, SH7176, G. & I. Battershall, 1997.

†135/43.4. *ERIGERON KARVINSKIANUS* 50, Denbs.: Lowest W facing crags above woodland, W side of Bryn Euryn, Colwyn Bay, SH8379, R. Lewis, 1993, det. Mrs R. Lever. [The determiner was erroneously given as Mrs R. Lewis in *Watsonia* 20(3): 298.]

†135/44.1. *CONYZA CANADENSIS* *95, Moray: Two plants in set-aside field, Roseisle near Duffus, NJ156668, I.P. Green, 1996. Many plants on waste ground on new housing estate, Forres, NJ033588, P.R. Green, 1997. 1st and 2nd records.

†135/44.2. *CONYZA SUMATRENSIS* *12, N. Hants.: Rough grass near A331, Spring Lakes, Aldershot, SU886516, C.R. Hall, 1997, **herb. A. Brewis**.

†135/45.2. *OLEARIA MACRODONTA* *49, Caerns.: Probably planted originally on side of track, Machroes near Abersoch, SH3226, G. & I. Battershall, 1997.

†135/48.2. *TANACETUM MACROPHYLLUM* *77, Lanarks.: Well established between railings of Botanic Gardens & River Kelvin, Kelvinside, Glasgow, NS5667, K. Watson, 1996, **GLAM**, det. E.J. Clement.

135/54.1. *CHAMAEMELUM NOBILE* 10, Wight: Non-flowering but frequent in mown amenity grassland, Puckpool Park, Ryde, SZ613922, C.R. Pope, 1996, **herb. C.R.P.** 2nd extant site. ✓

†135/57.1. *LEUCANTHEMELLA SEROTINA* 12, N. Hants.: Bridleway called Alresford Lane, Cheriton, SU600292, R.M. Veall, 1996. 2nd record.

†135/58.lac×max. *LEUCANTHEMUM LACUSTRE* × *L. MAXIMUM* (*L. × SUPERBUM*) *81, Berwicks.: Large colony established on road verge, A697 E of Fireburnmill, NT824393, M.E. Braithwaite, 1997.

135/60.1. *TRIPLEUROSPERMUM MARITIMUM* 47, Monts.: Saltmarsh, Morben-isaf, SN7098, T. Kohler, T. Teearu & E. Lomas, 1988. 2nd record.

135/60.1×2. *TRIPLEUROSPERMUM MARITIMUM* × *T. INODORUM* *51, Flints.: Behind coastal dunes, Talacre Warren, SJ1184, BSBI group, 1996.

- †135/61.1. COTULA CORONOPIFOLIA **11**, S. Hants.: Sandy shingle bank S side of Hermitage Stream, Bedhampton Mill, SU704062, J.R.W. Hollins, 1997, **herb. R.P.B.**, conf. R.P. Bowman. 2nd record.
- †135/62.1. SENECIO CINERARIA ***81**, Berwicks.: Established at field edge, Burnmouth, NT955611, J. Muscott, 1997.
- 135/62.10×11. SENECIO JACOBAEA × S. AQUATICUS (S. × OSTENFELDII) **50**, Denbs.: Rough field, Cerrig-y-druidion, SH952484, J.A. Geen, 1997. 2nd record.
- 135/62.12. SENECIO ERUCIFOLIUS ***48**, Merioneth: One plant with *S. jacobaea*, roadside bank, near Trawsfynydd, SH7037, P.M. Benoit *et al.*, 1994, **NMW**. 1st certain record.
- 135/62.13×15. SENECIO SQUALIDUS × S. VULGARIS (S. × BAXTERI) ***46**, Cards.: Garden, Llanbadarn Fawr, SN598810, J.H. Salter, 1935, (*Fl. Pl. Ferns Cardiganshire* (1935)).
- †135/62.3. SENECIO INAEQUIDENS ***77**, Lanarks.: Unused cul de sac, King George V Dock, Glasgow, NS5366, P. Macpherson, 1995, **herb. P.M.**, det. R.M. Burton. One plant 1995, three plants 1996 and 1997.
- †135/66.com×lax. BRACHYGLOTTIS COMPACTA × B. LAXIFOLIA (B. 'SUNSHINE') ***46**, Cards.: Gully on sea cliffs below Grogal, W of New Quay, SN373593, A.O. Chater & A.P. Fowles, 1989, **BM**, conf. D.H. Kent. ***77**, Lanarks.: Grassy, open area near river, Meadowside, Glasgow, NS5566, P. Macpherson, 1988, **herb. P.M.**, det. D. McClintock.
- †135/69.1×2×3. DORONICUM PARDALIANCHES × D. PLANTAGINEUM × D. COLUMNAE (D. × EXCELSUM) ***67**, S. Northumb.: Roadside verge, Acumb Fell, NY955675, G.A. Swan, 1996, **herb. G.A.S.**, det. P.S. Green.
- †135/71.2. PETASITES JAPONICUS ***S**, Channel Islands: Small shaded valley beside stream, Harbour Hill, Sark, WV473758, R.M. Veall, 1988, det. D. McClintock. Apparently planted – seen in 1988 by Botanical Group from Guernsey – still present and spreading.
- †135/73.1. CALENDULA OFFICINALIS **51**, Flints.: Waste ground, W end of Marsh Road, Rhyl, SJ002803, J. Phillips, 1997. 2nd record and 1st since 1942.
- †135/73.1. CALENDULA OFFICINALIS ***43**, Rads.: Spoilheap in lay-by at roadside, between Newbridge & Disserth, SO030589, R.G. Woods, 1980s, **NMW**.
- †135/78.1. RUDBECKIA HIRTA ***41**, Glam.: Coal dump, Cardiff Docks, ST197749, G. Hutchinson, 1988, **NMW**.
- †135/79.1. HELIANTHUS ANNUUS ***49**, Caerns.: Demolition site, Llandudno, SH784821, W. McCarthy, 1995.
- †135/79.2×rig. HELIANTHUS TUBEROSUS × H. RIGIDUS (H. × LAETIFLORUS) ***81**, Berwicks.: Over 2m up wall, Lauder, NT528477, M.E. Braithwaite, 1997.
- †135/81.3. BIDENS CONNATA var. ANOMALA ***58**, Cheshire: Canal bank, Sandbach, SJ732505, G.M. Kay, 1997, **herb. G.M.K.**, conf. E.J. Clement. Canal bank, Hassall Green, SJ778584, G.M. Kay, 1997. 1st and 2nd records.
- 135/SCO.his. SCOLYMUS HISPANICUS ***46**, Cards.: Two plants by waste ground, N side of Afon Rheidol, Aberystwyth, SN586811, R. Birch, 1997.
- 138/2.1. STRATIOTES ALOIDES ***5**, S. Somerset: Many plants in pond in Wayford Woods, Wayford, ST399064, I.P. Green, 1997. †***35**, Mons.: Planted in artificial pond in Water Park Pond, near Ahtophon Factory, St Mellons, ST249815, G. Hutchinson, 1994. Pond in Industrial Park, Pwll-mawr, ST223787, T.G. Evans, 1996. 1st records. A series of ponds and lakes have been created between Newport and Cardiff with some strange plantings.
- †138/4.2. ELODEA NUTTALLII ***49**, Caerns.: Margin of Llyn Padarn, Llanberis, SH5662, A. Jones, 1997. ***95**, Moray: Very plentiful in pond, Sunbank Park, Lossiemouth, NJ231694, I.P. Green, 1996.
- †138/6.1. LAGAROSIPHON MAJOR ***46**, Cards.: In two ponds in grounds of Ffynnon Berw, 1km NNW of Ffynnonddewi, SN381538, A.O. Chater, 1994. Upland ponds 2km NNE of Ffairrhos, SN750697, M.D. Sutton, 1997. 1st and 2nd records.
- 141/1.1. TRIGLOCHIN MARITIMA **47**, Monts.: Dovey Junction, SN7098, M. Hogan & C. Fieldhouse, 1986. 2nd record.

- 142/1.3. POTAMOGETON COLORATUS *44, Carms.: Pond in sand dunes created about 5 years previously, Pembrey Country Park, SN3900, N.F. Stewart, 1996.
- 142/1.5×6. POTAMOGETON LUCENS × P. GRAMINEUS (P. × ZIZII) *41, Glam.: SW part of Kenfig Pool, SS796812, N.F. Stewart, 1996.
- 142/1.6×9. POTAMOGETON GRAMINEUS × P. PERFOLIATUS (P. × NITENS) *41, Glam.: Pool on Margam Dunes, SS782838, N.F. Stewart, 1996.
- 142/1.7. POTAMOGETON ALPINUS 81, Berwicks.: Pond, Eden water at Nenthorn House, NT673371, M.E. Braithwaite, 1995, **herb. M.E.B.**, det. N.T.H. Homes. Large colony in slow moving burn in fen, Lauder Burn, NT516452, M.E. & P.F. Braithwaite, 1997, **herb. M.E.B.** 1st and 2nd recent records and only extant localities.
- 142/1.16. POTAMOGETON TRICHOIDES *4, N. Devon: Portledge Pool, SS392245, W.H. Tucker, 1996, conf. L.J. Margetts.
- 142/1.19. POTAMOGETON CRISPUS †*46, Cards.: Pond in pasture 200m N of Clogfryn, Aberaeron, SN449624, A.O. Chater, 1996, **NMW**, conf. C.D. Preston.
- 142/1.20×21. POTAMOGETON FILIFORMIS × P. PECTINATUS (P. × SUECICUS) 93, N. Aberdeen: Shallow water, Loch of Strathbeg, NK0858, C.D. Preston & P.M. Hollingsworth, 1994. 1st post-1930 record.
- 143/1.1. RUPPIA MARITIMA *47, Monts.: Many plants found in four different brackish pools in salt-marsh, Dovey Junction, SN695985, F. Evans, E. Gwynn & A. Law, 1993.
- †147/1.1. ACORUS CALAMUS 4, N. Devon: Pond edge, Simpson, Holsworthy, SS364038, W. H. Tucker, 1997. 2nd post-1930 record.
- †147/2.1. LYSICHTON AMERICANUS *12, N. Hants.: Riverside Railway Walk, River Rother, Liss, SU780283, J. Ockenden, 1997, det. F. Rose. *91, Kincardines.: Roadside ditch, Durris, NO785968, D. Welch, 1997. Probably escaped from Durris House, about 1km away. Shingle terrace on island in River Dee, Maryculter, NO815983, D. Welch, 1997. 1st and 2nd records.
- †147/5.2b. ARUM ITALICUM subsp. ITALICUM *41, Glam.: Caswell, SS5897, A.S. Lewis 1997.
- 148/1.1. SPIRODELA POLYRHIZA 41, Glam.: Abandoned Carboniferous Limestone sheep-dip, Tythegston, SS864781, P.S. Jones & S. Thomas, 1997. Abundant in a concrete drinking-pond in the SW corner of a field near Tresilian, SS953680, Q.O.N. Kay, 1997. 1st recent records.
- 148/2.3. LEMNA TRISULCA *45, Pembs.: Abundant with small patch of *Crassula helmsii* in shady shallow pond on slope in woodland, Pwll Dyfrig, Glyn-y-mel, Lower Fishguard, SM967371, S.B. Evans *et al.*, 1997.
- †148/2.4. LEMNA MINUTA *41, Glam.: Locally abundant, with *L. minor*, in shallow water in moat & fish pond in Botanic Garden, University College of Swansea, SS6291, Q.O.N. Kay, 1996. 46, Cards.: Garden pond, Old Castle Farm, Cardigan, SN165463, A.O. Chater, 1996. 2nd record
- 151/1.13×14. JUNCUS ARTICULATUS × J. ACUTIFLORUS (J. × SURREJANUS) *71, Man: Isolated pond, Ballavarran Dub, SC365972, B.A. Tregale, 1999, **DGS**.
- 151/1.25×26. JUNCUS EFFUSUS × J. INFLEXUS (J. × DIFFUSUS) *50, Denbs.: Wet ground near lake, Painters Green, SJ502499, J.A. Green, 1997, **NMW**.
- 151/1.6. JUNCUS FOLIOSUS *35, Mons.: Wet meadow, Ty'r Sais Farm, near Pen-y-fan Pond, SO1800, T.C.G. Rich, P.A. Smith & S.E. Erskine, 1996. *108, W. Sutherland: Wet trackside, Aultanrynie, Loch More, NC349356, C. Dixon, 1997.
- 151/1.8. JUNCUS AMBIGUUS 47, Monts.: Frequent in upper saltmarsh, Dovey Junction, with *J. bufonius*, SN695983, P.M. Benoit, 1987. 2nd record. *51, Flints.: Damp depression in disturbed dunes, Point of Ayr, SW of lighthouse, SJ1185, A.O. Chater, 1996, det. T. Cope.
- †151/2.4. LUZULA LUZULOIDES 81, Berwicks.: Open woodland, Castle hill, Thirlstane Castle, NT534477, M.E. & P.F. Braithwaite, 1997. Only extant locality.
- 152/11.1. CYPERUS LONGUS †*44, Carms.: SW corner of lake margin, Sandy Water Park, Llanelli, SN493004, I.K. Morgan, 1995. Source unknown, lake constructed c.5 years ago.
- 152/16.1×15. CAREX PANICULATA × C. REMOTA (C. × BOENNINGHAUSIANA) *80, Roxburghs.: Side of ditch, Linton Loch, Morebattle, NT793254, O.M. Stewart, 1997, **E**.

152/16.5. CAREX OTRUBAE **109**, Caithness: Coastal turf, near Rattar, ND2574, R.E.C. Ferreira, 1995. 1st localised record.

152/16.5×15. CAREX OTRUBAE × C. REMOTA (C. × PSEUDOAXILLARIS) ***45**, Pembs.: Grassy verge of track (re-surfaced for motors) with *C. remota*, Cardigan Wildlife Park (entrance road from Cilgerran), SN185436, R.W. David, 1978, **NMW**, conf. A.O. Chater. The second parent (*C. otrubae*) is frequent on the banks of the River Teifi nearby.

152/16.9b. CAREX DIVULSA subsp. LEERSII ***73**, Kirkcudbrights.: Few plants on bank of waste ground and rough grassland, Castle Douglas, NX750624, O.M. Stewart, 1996, **E**, det. D.A. Pearman & A.O. Chater. **81**, Berwicks.: One large clump in flower under beech, The Lees, NT/840390, M.E. & P.F. Braithwaite, 1997, **herb. M.E.B.** 2nd extant record. Status unknown.

152/16.21. CAREX LACHENALII ***94**, Banffs.: Cairngorms, NH994010, J. Edelsten, 1996, **E**, det. A.C. Jermy.

152/16.25×26 CAREX ACUTIFORMIS × C. RIPARIA (C. × SOOI) ***25**, E. Suffolk: Large stand, Framlingham Mere, TM285637, A.C. Jermy, 1990. 1st record for Suffolk.

152/16.27. CAREX PSEUDOCYPERUS ***49**, Caerns.: Fen, Cors Llyferin S of Abersoch, SH3126, D. Jones, 1995, **NMW**.

152/16.28×29. CAREX ROSTRATA × C. VESICARIA (C. × INVOLUTA) ***80**, Roxburghs.: With both parents in fen, Tilery Moss, SW of Muirhouse Law, NT623274, R.W.M. Corner, 1997, **herb. R.W.M.C.**, det. A.O. Chater.

152/16.31. CAREX PENDULA **81**, Berwicks.: Spring in former woodland, Eye Water above Grantshouse, NT810650, M.E. Braithwaite, 1996. 2nd extant record. **91**, Kincardines.: Marsh in woodland, Maryculter, NJ860999, D. Welch, 1997. 1st definite post-1930 record.

152/16.39. CAREX LAEVIGATA ***89**, E. Perth: Bridge of Cally, NO15, J.H. Penson, 1960, **herb. J.H.P.**, conf. A.McG. Stirling.

152/16.44×46. CAREX HOSTIANA × C. VIRIDULA (C. × FULVA) **83**, Midlothian: Marsh, S of Gladhouse Reservoir, NT296502, C. Dixon, 1997, **E**, det. D.R. McKean. 2nd record.

152/16.44×46a. CAREX HOSTIANA × C. VIRIDULA subsp. BRACHYRRHYNCHA (C. × FULVA) ***79**, Selkirks.: With both parents in basic flush, Roughhope Burn, Philhope, Borthwick Water, NT383078, R.W.M. Corner, 1997, **herb. R.W.M.C.**, det. A.O. Chater. ***80**, Roxburghs.: With both parents in basic flush, Grindstone Burn, Upper Hindhope, Kale Water, NT768086, R.W.M. Corner, 1997, **herb. R.W.M.C.**, det. A.O. Chater.

152/16.59a. CAREX MAGELLANICA subsp. IRRIGUA ***49**, Caerns.: Few plants in swamp with *Carex rostrata*, Mignient near Ysbyty Ifan, SH7744, G. Battershall, 1996.

152/2.2b. TRICHOPHORUM CESPITOSUM subsp. CESPITOSUM ***108**, W. Sutherland: *Schoenus nigricans* mire, Ceathramh Garbh, Rhiconich, NC228515, R.W.M. Corner, 1997, conf. G.A. Swan.

152/2.2a×b. TRICHOPHORUM CESPITOSUM subsp. CESPITOSUM × subsp. GERMANICUM (proliferous form) ***46**, Cards.: Small flush with *Carex dioica*, *Rhynchospora alba*, etc., Bryn Mawr, SE of Hafod, SN771717, A.O. Chater, 1963, **NMW**, det. G.A. Swan.

153/12.9. FESTUCA VIVIPARA ***93**, N. Aberdeen: Trackside in heather moorland, Hill of Millmedden, NJ5323, D. Welch, 1997, **ABD**, conf. C.A. Stace.

153/12.10. FESTUCA FILIFORMIS **47**, Monts.: Hummocks in boggy field, NE of Llanfihangel-yng-ngwynfa, SJ0915, P.M. Benoit, 1989. 2nd record.

153/12.4. FESTUCA ALTISSIMA ***43**, Rads.: In quantity on rock outcrops & decaying wood, Bach Howey Gorge, SO119435, R.G. Woods & M. Porter, 1980s. [**81**, Berwicks.: Cromwells, Brunta Burn, NT596505, M.E. Braithwaite, 1992, det. D.R. McKean. Delete record in *Watsonia* **19**: 293 (1993). The plant has flowered and is *Elymus caninus*, M.E. Braithwaite, 1995, det. D.R. McKean.]

†153/12.5. FESTUCA HETEROPHYLLA ***28**, W. Norfolk: Edge of woodland ride, West Briggs, TF656105, S. Fisher, 1997, conf. R.M. Payne. ***95**, Moray: Well naturalised in grassy area under trees, in grounds of small chapel at Gordonstown School, Duffus, NJ192689, I.P. Green, 1996, conf. R.M. Burton.

153/12.6. *FESTUCA ARENARIA* *44, Carms.: Sparse population on seaward *Ammophila arenaria* ridge, Pendine Ranges, Laugharne Burrows, SN311071, A.O. Chater, 1997, **NMW**.

153/12.7b. *FESTUCA RUBRA* subsp. *JUNCEA* *46, Cards.: Storm beach W of road, Tan-y-bwlch Beach, Aberystwyth, SN579805, S.P. Chambers, 1994, **herb. S.P.C.**, det. C.A. Stace. Rocky sea cliff, NNW side of Foel y Mwnt, SN192521, A.O. Chater, 1994, **NMW**. 1st and 2nd records. *49, Caerns.: Cliff-top turf, Porth Ceriad, near Abersoch, SH3124, M. & A. Atkinson, 1997.

153/12.7c. *FESTUCA RUBRA* subsp. *LITORALIS* *46, Cards.: Saltmarsh E of Afon Leri, Ynyslas, SN616930, A.O. Chater, 1993. Saltmarsh, Teifi estuary, 1km S of Nantyferwig, SN168480, A. O. Chater, 1997, **NMW**. 1st and 2nd records.

153/12.7d. *FESTUCA RUBRA* subsp. *COMMUTATA* *44, Carms.: Llansteffan Dunes, Llansteffan, SN31, H. Sealy-Lewis, 1987.

153/12.7g. *FESTUCA RUBRA* subsp. *MEGASTACHYS* *44, Carms.: Roadside verge, near Edwinsford, SN635345, A.O. Chater, 1995. Roadside near Maesteilo, Capel Isaac, SN592265, J. A. Green, D.M. George & E. Stephenson, det. A.O. Chater, 1995, **NMW**. 1st and 2nd records. *46, Cards.: Grassy slope in village, Ponterwyd, SN751807, A.O. Chater, 1988, **NMW**, det. A.K. Al-Bermani. Laneside verge just N of Pont Pant-mawr, 2km WNW of Llanilar, SN607757, A.O. Chater, **NMW**, 1992. 1st and 2nd records.

153/12.8c. *FESTUCA OVINA* subsp. *OPHIOLITICOLA* *44, Carms.: Rocky calcareous grassland, Pal-y-Cwrt, SN678182, A.O. Chater *et al.*, 1997.

153/12.9. *FESTUCA VIVIPARA* *93, N. Aberdeen: Trackside in heather moorland, Hill of Millmedden, NJ530230, D. Welch, 1997, **ABD**, conf. C.A. Stace.

†153/12.gau. *FESTUCA GAUTIERI* *3, S. Devon: Road embankment, Exeter, SX926927, R. Takagi-Arigho, 1990, **herb. R.T.-A.**, det. T.A. Cope.

153/12.1×13.1. *FESTUCA PRATENSIS* × *LOLIUM PERENNE* (× *FESTULOLIUM LOLIACEUM*) *50, Denbs.: Wet meadows, near Overton, SJ396425, D. Tinston, 1987, **NMW**, det. P.M. Benoit.

153/12.2×13.1. *FESTUCA ARUNDINACEA* × *LOLIUM PERENNE* (× *FESTULOLIUM HOLMBERGII*) *28, W. Norfolk: Wiggshall St Mary, TF575142, R.M. Payne, 1992, conf. R.M. Payne & A. Copping. 2nd record for Norfolk.

153/12.2×13.2. *FESTUCA ARUNDINACEA* × *LOLIUM MULTIFLORUM* *11, S. Hants.: Bishop's Palace, Bishop's Waltham, SU553175, P.D. & C.A. Stanley, 1997, **herb. R.P. Bowman**, det. E.J. Clement.

153/12.7×14.3. *FESTUCA RUBRA* × *VULPIA MYUROS* 35, Mons.: By railway line, Mitchell Troy, SO4910, E. Nelmes, 1951, **K**, det. C.A. Stace. Precedes TGE's record of 21/7/1988 as 1st record. C.A. Stace writes 'This ... is the earliest from any part of the world.'

153/14.1. *VULPIA FASCICULATA* *51, Flints.: Fixed sand dunes, Point of Ayr, SJ123851, J.A. Green, 1985, **NMW**, det. G. Hutchinson.

153/14.3. *VULPIA MYUROS* *89, E. Perth: Waste ground, Invergowrie, NO349300, A.A. Slack, 1980. Virtually on boundary between v.cc 89 & 90. Apparently 1st localised record.

153/16.2. *PUCCINELLIA DISTANS* †*77, Lanarks.: Verge of A73, N of Newmains, NS8256, **herb. M.E.B.** Road verge of A74, Melbourne, NT0844; both M.E. Braithwaite, 1996. 1st and 2nd records.

153/16.2b. *PUCCINELLIA DISTANS* subsp. *BOREALIS* *95, Moray: Road verges, Speybridge, NJ040261, P.R. Green, 1997, conf. H. Bowen. Plentiful along many of the roads and also on saltmarshes; greatly on the increase.

153/18.4. *POA HUMILIS* *61, S.E. Yorks.: On old brick wall, Sledmere, SE9364, M.E. Braithwaite, 1997. On old brick wall, Patrington, TA3122, P.J. Cook, 1997. 1st and 2nd records. Subsequently found on other brick walls in Holderness.

†153/18.7. *POA CHAIXII* *43, Rads.: Among trees, Rock Park, Llandrindod Wells, SO055609, R.G. Woods, 1986. 47, Monts.: Park woodland under beech, Berriew, SJ1900, E. Roberts & M. Wainwright, 1989. 2nd record; possibly planted for pheasant cover.

153/20.1. *CATABROSA AQUATICA* 91, Kincardines.: Muddy pool close to HWM, Nigg Bay, NJ967044, D. Welch, 1997, **ABD**. 1st post-1930 record.

153/21.2. CATAPODIUM MARINUM *35, Mons.: On exposed former shelly beach on River Severn bank, Rumney Great Wharf, ST248786, P. Millman, *et al.*, 1997. Though looking native in a suitable habitat, much material has been imported to build up nearby sea wall and status is uncertain.

153/22.1. SESLERIA CAERULEA *35, Mons.: Chepstow, ST59, T.G. Evans, 1988, **NMW**.

153/24.1. GLYCERIA MAXIMA 46, Cards.: Dominant in pond in fields 300m SSW of Coed-y-cwm, Cwm Cou, SN275428, A.O. Chater, 1996. 2nd record.

†153/28.2. AVENA FATUA *46, Cards.: Several plants on disturbed ground, Ffair-Rhos, SN743679, A.O. Chater, 1991, **NMW**.

†153/29.1. GAUDINIA FRAGILIS 11, S. Hants.: Horse pasture in closed sward of fairly rich area of grassland, on clay, Hounslow, Eling, SU353117, J. Rowe, 1997, **herb. R.P.B.**, conf. R.P. Bowman. 2nd record.

†153/30.1pur. TRisetum FLAVESCENS subsp. PURPURASCENS *46, Cards.: Grassy slope by pond, Gwern-medd, Llangoedmor, SN213454, A.O. Chater & L. Gander, 1997, **NMW**.

†153/37.2. ANTHOXANTHUM ARISTATUM *12, N. Hants.: Roadside B2070, Petersfield, SU752240, P. Stanley, 1994, **herb. E.J.C.**, det. E.J. Clement. Also present in 1995.

153/39.1x4. AGROSTIS CAPILLARIS × A. STOLONIFERA (A. × MURBECKII) 46, Cards.: River shingle by Afon Ystwyth downstream of road bridge, Llanfarian, SN589777, S.P. Chambers, 1997. 2nd record.

153/40.2. CALAMAGROSTIS CANESCENS 80, Roxburghs.: Edge of fen, Linton Loch, Morebattle, NT794255, R.W.M. Corner, 1997, **herb. R.W.M.C.**, 2nd extant locality.

†153/43.1. LAGURUS OVATUS *49, Caerns.: Waste ground, Pwllheli, SH364341, G. Battershall & W. McCarthy, 1996.

153/45.1. MIBORA MINIMA *59, S. Lancs.: In low fore-dune, NE end of Marine Lake, Southport, SD337185, D.P. Earl & J. Buckley-Earl, 1996, conf. T.A. Cope.

153/46.1. POLYPOGON MONSPELIENSIS *58, Cheshire: Old sludge bed and tracks, Wharton, Winsford, SJ656677, J.P. Guest, 1997, **herb. G.M. Kay**, det. E.J. Clement. †*95, Moray: Several plants on waste ground, Hopeman, NJ149686, I.P. Green, 1997.

†153/48.1. BECKMANNIA SYZIGACHNE *59, S. Lancs.: Ditch bank between Marsh Farm and River Douglas, Hesketh Bank, SD452240, D.P. Earl, 1996, conf. T.A. Cope.

153/50.3. BROMUS RACEMOSUS 51, Flints.: Hay meadow, Coed Duon, Tremeirchion, SJ073715, A.O. Chater, 1997. 1st post-1930 record.

†153/50.5. BROMUS LEPIDUS 12, N. Hants.: Grassy part of garden, Warren Road, Liss Forest, SU7828, det. F. Rose. Sandy tank tracks, Hogmoor Enclosure, SU7834; both A. Brewis, 1997, **herb. A.B.** 1st and 2nd recent records.

†153/50.7. BROMUS SECALINUS *11, S. Hants.: Edge of bean field, S of Twyford, SU485232, P.J. Selby, 1997, **herb. R.P.B.**, conf. R.P. Bowman & E.J. Clement.

†153/52.2. ANISANTHA RIGIDA *29, Cambs.: Large patches by fence between sown area and old shelter belt, SE side Magog Down, TL490531, S.M. Walters, 1997, **CGE**, det. D.A. Wells.

†153/52.4. ANISANTHA TECTORUM *58, Cheshire: New earth bank, Moreton, SJ263901, P.G. Gutteridge, 1997, **herb. G.M.K.**, conf. G.M. Kay.

†153/52.5. ANISANTHA MADRITENSIS *12, N. Hants.: Among rubbish, Woolmer Trading Estate, SU795350, A. Brewis, 1997, **herb. A.B.**

†153/53.1. CERATOCHLOA CARINATA *95, Moray: Very well naturalised on road verge and edge of arable field, Roseisle, NJ138670, P.R. Green, 1997. Well naturalised on verge of lane, Duffus, NJ174687, P.R. Green, 1997. 1st and 2nd records.

153/53.3. CERATOCHLOA CATHARTICA 51, Flints.: College grounds, Welsh College of Horticulture, Northop, SJ2369, J.A. Green & BSBI group, 1996. 1st post-1930 record.

153/54.1. BRACHYPODIUM PINNATUM 89, E. Perth: Ungrazed grassland on sloping calcareous gravels, banks of River Tay near Boat of Murthly, NO057396, N.W. Taylor, 1992, **PTH**, det. T.A. Cope.

153/56.1×3. *ELYTRIGIA REPENS* × *E. JUNCEA* (*E.* × *LAXA*) *3, S. Devon: At head of creek, Salcombe, Lower Batson, SX735397, L.J. Margetts & L.M. Spalton, 1997, det. T.A. Cope. At head of saltmarsh creek, River Erme, Holbeton, SX619491, L.M. Spalton, 1997, det. T.A. Cope. 1st and 2nd post-1930 records.

153/56.2. *ELYTRIGIA ATHERICA* *12, N. Hants.: Sown on sandy waste ground, Bordon, SU7936, A. Brewis, 1997, **herb. A.B.** *73, Kirkcudbrights.: Shore of marsh, Kirkdale, NX518527, O.M. Stewart, A. White & C. Jermy, 1996. 1st recent record.

†153/59.1. *HORDEUM DISTICHON* *47, Monts.: Farm manure heap, SE of Llanwyddyn, SJ0218, C.J. Tyas, 1986.

†153/59.3. *HORDEUM JUBATUM* *42, Brecks.: Well established on verges of A465, between Brynmawr and Rhymney, SO1812, T.G. Evans, 1997. *81, Berwicks.: Established on road verge, A698 below Lochton, NT777385, M.E. & P.F. Braithwaite, 1995, **herb. M.E.B.** 2nd record.

†153/60.1. *TRITICUM AESTIVUM* *S, Channel Islands: Roadside, La Vaurocque, Sark, WV461757, M. Marsden, 1982, **JSY.** *46, Cards.: Field crop, 300m W of Tegfan, near Llechrhyd, SN226451, A.O. Chater, 1992, **NMW.**

†153/62.1. *CORTADERIA SELLOANA* *49, Caerns.: Edge of pool, Spinnies Nature Reserve, near Bangor, SH613721, G. Battershall, 1994.

†153/62.ric. *CORTADERIA RICHARDII* *44, Carms.: Waste ground, below Cwmbach Road, Llanelli, SN498012, G. Hutchinson & I.K. Morgan, 1994, det. T.B. Ryves. *46, Cards.: Gorse slope above tip, Pendinas, Aberystwyth, SN584799, A.O. Chater, 1993, **NMW.** Streambank 100m S of Ynys-hir bridge, Eglwys-fach, SN684956, P. Condry, 1995, det. A.O. Chater. 1st and 2nd records.

†153/65.cil. *ERAGROSTIS CILIANENSIS* *29, Cambs.: In scattered bird seed, near Kidman's Plantation, Whittlesford, TL447488, A. Arbon, 1994, conf. R.M. Payne.

†153/68.1. *ECHINOCHLOA CRUS-GALLI* *49, Caerns.: Pavement at base of wall, Llandudno, SH794819, W. McCarthy, 1995. Roadside, Bethesda, SH6066, J. Hawksford, 1997. 1st and 2nd records.

†153/68.col. *ECHINOCHLOA COLONA* *4, N. Devon: Garden paving, Instow, SS473303, M. Tulloh, 1989, det. T.A. Cope. Probably introduced in bird-seed.

†153/68.esc. *ECHINOCHLOA ESCULENTA* *39, Staffs.: Waste ground by RSPB centre, by River Tame, 3km E of West Bromwich, SP035927, J.P. Martin, 1989. *44, Carms.: Shingle of river, Afon Lliedi, near Buckley's Brewery, Llanelli, SN509006, I.K. Morgan, 1991, **NMW,** det. G. Hutchinson. 2nd Welsh record.

†153/70.pum. *SETARIA PUMILA* *49, Caerns.: Base of wall, Jubilee Street, Llandudno, SH7831, W. McCarthy, 1997.

†153/71.san. *DIGITARIA SANGUINALIS* *39, Staffs.: Two plants on roadside, Railway Drive, Madeley, SJ772441, I.J. Hopkins, 1995. 1st record since 1932.

†153/FAR.spa. *FARGESIA SPATHACEA* *S, Channel Islands: Roadside verge, near fence, Dixcart Lane, near Dixcart Hotel, Sark, WV465754, R.M. Veall, 1997, **JSY,** det. D. McClintock. Planted; one clump now about 1.5m tall. *46, Cards.: Several large thickets in damp estate woodland, Highmead, Llanybydder, SN499431, A.O. Chater, 1985, **NMW,** det. C. Stapleton. [previously erroneously published as 153/1.1. *Semiarundinaria anceps* (under *Arundinaria jansauensis*), *Watsonia* 16:196 (1986) and *BSBI Welsh Bull.* 44: 29(1986)]. Colony in wood near gardens, Y Glog, Rhydyfelin, SN593793, A.O. Chater, 1985, **NMW.** 1st and 2nd records.

†153/PAN.sch. *PANICUM SCHINZII* *29, Cambs.: Two plants by grain silo, Newmarket, TL646629, G.M.S. Easy, 1984.

154/1.1b. *SPARGANIUM ERECTUM* subsp. *MICROCARPUM* *44, Carms.: Ditch on boundary of two farms, Carway, SN463058, R.D. Pryce, 1979, **NMW.**

154/1.1d. *SPARGANIUM ERECTUM* subsp. *OOCARPUM* *3, S. Devon: Stream, Thorverton Village, SS927021, L.J. Margetts, 1997.

155/1.1×2. *TYPHA LATIFOLIA* × *T. ANGUSTIFOLIA* (*T.* × *GLAUCA*) *12, N. Hants.: On the marshy edge of the promontory that extends into the pond from the W bank (probably acidic), Shortheath Pond, SU775368, B.A. Gale, 1985, **herb. B.A.G.**, det. A.C. Leslie. Possibly introduced by an angling club. *37, Worcs.: With both parents in small reed-swamp, Broadwaters, Kidderminster, SO8478, W.A. Thompson & B. Westwood, 1994, conf. M. Briggs.

†156/5.2. *HEMEROCALLIS LILIOASPHODELUS* *77, Lanarks.: Rough grass at base of scrubby trees, East Flatt, East Kilbride, NS6551, P. Macpherson, 1995, **herb. P.M.**, det. E.J. Clement. Presumably a result of fly-tipping; obviously surviving (still present in 1997).

†158/6.1. *KNIPHOFIA UVARIA* *46, Cards.: One non-flowering plant among gorse on heathy ground among leadmine spoil heaps, Cwmsymlog, SN698837, A.O. Chater, 1996. *81, Berwicks.: Established where cast out in rough ground near railway, Burnmouth, NT955610, V. Muscott, 1997.

†158/6.2. *KNIPHOFIA PRAECOX* *46, Cards.: Scrub on streambank W of bridge by Llansantffraed church, SN512674, S.P. Chambers, 1997.

158/9.1. *GAGEA LUTEA* †95, Moray: Hundreds of plants on W bank of River Spey, Orton, S of Fochabers, NJ317523, P.R. Green, 1996. 2nd record, 1st native site.

†158/12.bul×mac. *LILIUM BULBIFERUM* × *L. MACULATUM* (*L.* × *HOLLANDICUM*) *58, Cheshire: Sand dunes, Hoylake, SJ207877, G.M. Kay, 1997. A small colony has developed from original introduction.

158/20.2×3. *HYACINTHOIDES NON-SCRIPTA* × *H. HISPANICA* *46, Cards.: Scrub slope W of church, Llanbadarn Fawr, SN598810, S.P. Chambers & A.O. Chater, 1991.

†158/22.1. *CHIONODOXA FORBESII* *26, W. Suffolk: Old garden, now plantation of beech trees, Ousden, TL735595, R. Addington, 1988, det. by a local gardener. *49, Caerns.: Naturalised on roadside, Bodafon Lane, Llandudno, SH8081, W. McCarthy, 1997. *99, Dunbarton: Well established in wood with rich loamy soil, behind Cardross Park, NS3477, A. McG. Stirling & A. Rutherford, 1985.

†158/23.1. *MUSCARI NEGLECTUM* *46, Cards.: Grassy roadside slope, Fron-deg, Llanbadarn Fawr, SN600811, A.O. Chater, 1993. Scrub slope W of church, Llanbadarn Fawr, SN598810, S.P. Chambers, 1997. 1st and 2nd records.

†158/23.2. *MUSCARI ARMENIACUM* *46, Cards.: Grassy roadside verge, road to Upper Forest, Lampeter, SN576490, A.O. Chater, 1992. Copse by Primrose Hill, Llanbadarn Fawr, SN600811, A.O. Chater, 1993. 1st and 2nd records.

†158/24.12. *ALLIUM CARINATUM* *81, Berwicks.: Established on limestone rocks, Birgham Haugh Wood, NT798389, M.E. Braithwaite, 1995, **herb. M.E.B.**

†158/24.2. *ALLIUM UNIFOLIUM* *99, Dunbarton: Spreading well in damp, basic soil in deciduous woods, behind Cardross Park, NS3477, A.McG. Stirling & A. Rutherford, 1985, det C. D. Brickell. Considered first British escape.

158/31.1. *LEUCOJUM AESTIVUM* †*89, E. Perth: Among *Phragmites* in Tay Marshes, Perth, NO129217, O.M. Stewart, 1982, E.

158/31.2. *LEUCOJUM VERNUM* 8, S. Wilts.: Boggy ground near pond, Britford Green near Salisbury, SU1627, M. Marks, 1991, det. D.P.E. Stevens. 1st record for 90 years. †*49, Caerns.: 7 clumps by footpath, Glynllifon Park near Caernarfon, SH4555, D. Jones, 1991.

†158/32.1×3. *GALANTHUS NIVALIS* × *G. PLICATUS* *46, Cards.: Damp grassland, Aberstringell limekilns, Llanrhystud, SN519684, A.O. Chater, 1995, **NMW**. *95, Moray: Kincorth Wood with both parents, Kintessack, NJ011617, P.R. Green, 1997.

†158/32.4a. *GALANTHUS PLICATUS* subsp. *PLICATUS* *95, Moray: Well naturalised in Kincorth Wood, Kintessack, NJ011617, P.R. Green, 1997.

†158/32.ika. *GALANTHUS IKARIAE* *95, Moray: Naturalised in waste ground, N of Forres, NJ026608, P.R. Green, 1996.

†158/33.3. *NARCISSUS POETICUS* *46, Cards.: Sea cliff at W side of Aber-porth, SN257515, A.O. Chater, 1992. Roadside hedgebank, Clogfryn, Aberaeron, SN449623, A.O. Chater, 1994. 1st and 2nd records.

†158/33.3a. *NARCISSUS POETICUS* subsp. *POETICUS* *46, Cards.: Copse NW of Ffosrydygaled, Chancery, SN578765, A.O. Chater, 1994. Roadside bank at NE end of Llwynceilyn, SN443598, A. O. Chater, 1995. 1st and 2nd records.

†158/33.3b. *NARCISSUS POETICUS* subsp. *RADIIFLORUS* *46, Cards.: Abundant under trees 100m E of Lovesgrove mansion, SN629816, A.O. Chater, 1995. Hedgebank of road by Tanycastell, Llanychaiarn, SN588788, A.O. Chater, 1994. 1st and 2nd records.

†158/33.3×5. *NARCISSUS POETICUS* × *N. PSEUDONARCISSUS* (*N. × INCOMPARABILIS*) *46, Cards.: Wooded streambank 200m W of Coed Wileirog, Wallog, SN601854, A.O. Chater, 1992.

†158/33.3×5c. *NARCISSUS POETICUS* × *N. PSEUDONARCISSUS* subsp. *MAJOR* (*N. × INCOMPARABILIS* [*N. × BERNARDII*]) *46, Cards.: Roadside hedgebank, Tanycastell, Rhydyfelin, SN588788, A.O. Chater, 1994.

†158/33.5c. *NARCISSUS PSEUDONARCISSUS* subsp. *MAJOR* *46, Cards.: Sand dunes by N end of road, Ynys-las Dunes NNR, SN611940, A.O. Chater, 1993. Marshy scrub 200m S of Felin Geri, Cwm Cou, SN300421, A.O. Chater, 1994. 1st and 2nd records.

†158/33.5×6. *NARCISSUS PSEUDONARCISSUS* × *N. CYCLAMINEUS* (*N. × MONOCHROMUS*) *46, Cards.: Scrub by old cottage site 100m E of Cwmtudu, SN357575, A.O. Chater, 1994.

†158/33.bic. *NARCISSUS BICOLOR* *46, Cards.: Ash wood SW of Pen-y-wern, New Cross, SN636765, A.O. Chater, 1994. Mixed woodland on ridge E of Crugiaiu, Rhydyfelin, SN592794, A. O. Chater, 1996. 1st and 2nd records.

†158/35.2. *RUSCUS HYPOGLOSSUM* *12, N. Hants.: Well-naturalised in deciduous woodland, Ashford Chace, Steep, near Petersfield, SU741261, J.D. Fryer, 1998, **herb. J.D.F.**, det. J.M. Mullin, Probably bird-sown.

†158/36.1. *ALSTROEMERIA AUREA* *41, Glam.: Eastcliff, Pennard, SS5567, A.S. Lewis, 1997.

†158/ERY.den. *ERYTHRONIUM DENS-CANIS* *17, Surrey: Many seedlings of varying ages in cemetery, Brookwood, SU9656, J.F. Leslie & K. Page, 1988. Seeded from grave.

†159/2.5. *SISYRINCHIUM STRIATUM* *35, Mons.: Two plants on earth mound in road development, Cleppa Park, Newport, ST278847, G. Hutchinson, 1994.

†159/8.1. *CROCUS VERNUS* *95, Moray: Well naturalised on dunes, Hopeman, NJ146698, P. R. Green, 1996.

†159/8.6. *CROCUS CHRYSANTHUS* *46, Cards.: Rough grass in SE corner of Llanafan churchyard, SN685721, A.O. Chater, 1997.

†159/8.7×ang. *CROCUS FLAVUS* × *C. ANGUSTIFOLIUS* (*C. × STELLARIS*) *46, Cards.: Roadside verge 400m NNW of Moelifor, Llanrhystud, SN548710, A.O. Chater, 1997.

†159/13.2. *CROCOSMIA MASONIORUM* *95, Moray: One patch on waste ground, Miltonduff, NJ201587, I.P. Green, 1996, conf. P.S. Green.

162/3.7. *EPIACTIS PHYLLANTHES* *37, Wores.: Old quarry, Fish Hill, Broadway, SP1136, T. D. Knight & R. Maskew; Wooded bank on edge of Hartlebury Common, SO8270, J.J. Day; both 1987, det. R. Maskew, conf. A.J. Richards. 1st and 2nd records.

162/5.1. *NEOTTIA NIDUS-AVIS* 47, Monts.: Old valley woodland, Abermule Dingle, SO19, J. Clarke & A. Franks, 1992. 2nd record and only extant locality. *108, W. Sutherland: Deciduous woodland, Loch Dubh, Ardroe, NC072238, R.E.C. Ferreira, 1981.

162/8.1. *GOODYERA REPENS* *109, Caithness: Peat moor, Aukengill Loch, ND353652, J.K. & S.I. Butler, 1996.

162/11.1. *CORALLORHIZA TRIFIDA* *91, Kincardines.: In Sphagnum in willow carr, Banchory, NO687946, D. Welch, 1992.

162/15.1. *PSEUDORCHIS ALBIDA* 50, Denbs.: Eryrys, SJ2057, M. Prosser, 1986. 1st record since 1950.

162/16.1b. *GYMNADENIA CONOPSEA* subsp. *DENSIFLORA* *78, Peebles.: West Linton, NT15, A. Craig-Christie, 1873, **E**, det. F. Rose.

162/16.1c. *GYMNADENIA CONOPSEA* subsp. *BOREALIS* 46, Cards.: Heathy pasture, Cae'r-meirch, Pontrhyd-y-groes, SN7573, A.O. Chater, 1996. 2nd record

162/16.1×18.1. GYMNADENIA CONOPSEA × DACTYLORHIZA FUCHSII (× DACTYLODENIA ST-QUINTINII) *39, Staffs.: One plant with parents on N facing roadside bank on limestone, Ecton, SK098586, B.R. Fowler, 1987, det. R.H. Roberts.

162/17.1. COELOGLOSSUM VIRIDE 83, Midlothian: Thirty-one, very small plants seen in heavily grazed rich grassland, Fullarton Water, NT282562, C. Dixon, 1997, det. D.R. McKean. 1st record for over 100 years.

162/18.8. DACTYLORHIZA LAPPONICA *108, W. Sutherland: *Schoenus* mire, Ardbhair, NC155333; Kinloch Lodge, NC566510; both R.E.C. Ferreira, post 1985. 1st and 2nd records.

162/23.3. OPHRYS APIFERA 67, S. Northumb.: Reclaimed pit-heap, near Rising Sun Farm, NZ296688, M. Jones, 1996. 2nd record.

†162/SER.par. SERAPIAS PARVIFLORA *2, E. Cornwall: Natural, coastal grassland, Penlee Point, Watchhouse Field, SX439490, P. Cobbing, 1989, det. P. Cribb. New to the British Isles; probably deliberately introduced.