

## Plant Records

Records for publication must be submitted to the appropriate Vice-county Recorder (see *BSBI Year Book 2003*), and not to the Editors. Following publication of the *New Atlas of the British & Irish Flora* and the impending publication of the *Vice-county Census Catalogue*, new criteria have been drawn up for the inclusion of records in *Plant Records*; these will be published in *BSBI News* and will be followed in future issues of these lists. So, for the last time, the old criteria for inclusion of records are followed here (but with the addition of some casual taxa that are included in the two books mentioned above): 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: 1<sup>st</sup> or 2<sup>nd</sup> v.c. record; 1<sup>st</sup> or 2<sup>nd</sup> post-1930 v.c. record; only extant v.c. locality, or 2<sup>nd</sup> 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.c.c. 102-104, 110 & 113. Only 1<sup>st</sup> 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): 1<sup>8</sup>, 2<sup>11</sup>, 4<sup>3</sup>, 5<sup>11</sup>, 6<sup>2</sup>, 10<sup>1</sup>, 11<sup>3</sup>, 12<sup>6</sup>, 13<sup>6</sup>, 14<sup>1</sup>, 17<sup>1</sup>, 29<sup>123</sup>, 33<sup>1</sup>, 35<sup>23</sup>, 41<sup>14</sup>, 42<sup>16</sup>, 43<sup>9</sup>, 44<sup>48</sup>, 45<sup>12</sup>, 46<sup>56</sup>, 47<sup>13</sup>, 48<sup>4</sup>, 49<sup>19</sup>, 50<sup>25</sup>, 51<sup>8</sup>, 52<sup>24</sup>, 58<sup>22</sup>, 60<sup>5</sup>, 61<sup>4</sup>, 64<sup>50</sup>, 65<sup>3</sup>, 66<sup>3</sup>, 67<sup>11</sup>, 68<sup>11</sup>, 77<sup>31</sup>, 78<sup>1</sup>, 79<sup>8</sup>, 80<sup>10</sup>, 81<sup>9</sup>, 83<sup>5</sup>, 88<sup>1</sup>, 91<sup>22</sup>, 93<sup>17</sup>, 95<sup>10</sup>, 96<sup>4</sup>, 99<sup>31</sup>, 110<sup>14</sup>, H6<sup>26</sup>, H8<sup>1</sup>, 113(A)<sup>141</sup>, 113(S)<sup>35</sup>.

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.

1/1.1. HUPERZIA SELAGO **35**, Mons.: One plant on barish area of coal waste, W of Keepers pond, Blorenge, SO250106, H. Wray, 2000. 2nd recent record.

‡2/1.2. SELAGINELLA KRAUSSIANA \***113(A)**, Channel Is. (Alderney): Patch about 1m square against N wall of Parish Church, St Anne, WA574074, J. Page, 1993, det. D. McClintock.

3/1.2. ISOETES ECHINOSPORA \***44**, Carms.: In c.1m deep and deeper water at SE corner of lake, Talley Upper (southern) Lake, SN633329, BSBI meeting, 2001, **NMW**, det. A.O. Chater.

4/1.1. EQUISETUM HYEMALE \***H6**, Co. Waterford: 2 large stands, in damp wooded river bank (right bank), Whelanbridge River, S of Whelan's Bridge, S520098, I.P. Green, 2001.

4/1.1x3. EQUISETUM × TRACHYODON (E. HYEMALE × E. VARIEGATUM). \***52**, Anglesey: Several hundred stems on the road verge near Llyn Penrhyn, SH313765, N. Brown, 2000, det. C.N. Page & A. Paul.

4/1.4x5. EQUISETUM × LITORALE (E. FLUVIATILE × E. ARVENSE) \***39**, Staffs.: Edge of ditch on W side of road, near the Butcher's Arms pub, SK081616, R. Maskew, 2001. \***91**, Kincards.: Marsh 25m from Loch of Loirston, NJ937009, D. Welch, 2001, **ABD**, conf. A.C. Jermy.

4/1.4x8. EQUISETUM × DYCEI (E. PALUSTRE × E. FLUVIATILE) \***1**, W. Cornwall: With both parents in marsh of Mount Field by Penhale Sands, Mount, near Perranporth, SW782567, C.N. Page, 2000, **herb. C.N.P.** \***2**, E. Cornwall: With both parents alongside wet track, Goss Moor (NNR), SW939596, C.N. Page, 1998. On Tregonetha Downs, SW944635, M. & T. Atkinson, I.J. Bennallick & H.M. Meredith, 1999, det. C.N. Page. 1<sup>st</sup> & 2<sup>nd</sup> records.

4/1.4x9. EQUISETUM × WILMOTII (E. FLUVIATILE × E. TELMATEIA) \***2**, E. Cornwall: By wet track into the moor, Goss Moor (NNR), SW939596, I.J. Bennallick *et al.*, 1999, det. C.N. Page. New to Cornwall.

4/1.5×8. EUISETUM × ROTHMALERI (E. ARVENSE × E. PALUSTRE) \*1, W. Cornwall: With both parents in marshy area, southern end of Mount Field by Penhale Sands, Mount, near Perranporth, SW782567, C.N. Page, 2000, **herb. C.N.P.** \*2, E. Cornwall: By disused railway between old and new A30, near Goss Moor (NNR), SW933599, C.N. Page, 1998. New to Cornwall.

4/1.5×9. EUISETUM × ROBERTSII (E. ARVENSE × E. TELMATEIA). \*52, Anglesey: Extensive colony with both parents at Traeth Lligwy, SH4987, T.D. Dines & I.R. Bonner, 2000. New to science. Close to the colony of *E. × font-queri* discovered by R.H. Roberts in 1989. \*60, W. Lancs.: Canal side, Cabus, Lancaster Canal, SD4847, E.F. Greenwood, 2001, **LIV**, det. C.N. Page. 2nd British record.

5/1.2. OPHIOGLOSSUM AZORICUM \*H6, Co. Waterford: 2 patches on gravelly shore of small pool below lough, Coumshingaun Lough, S330109, P.R. Green, 2001.

9/1.1. PILULARIA GLOBULIFERA \*60, W. Lancs.: Wet heath, Ribbleton Common near Preston, SD53, Anon, 1825, **MANCH.** 1st & only v.c. record. 65, N.W. Yorks.: Pond, Good Wood plantation, Catterick Garrison, SE165958, C. Newlands, 2001. 1st recent record. 99, Dunbarton: Muddy runnels by loch shore, near Geal Loch, Loch Lomond, NN3215, A.McG. Stirling & J. Mitchell, 1995, **herb. A.McG.S.** 1st localised record.

10/1.1. HYMENOPHYLLUM TUNBRIGENSE \*44, Carms.: With *H. wilsonii* & *Phegopteris connectilis* on low cliffs on bank of stream in wooded valley, 1km WNW of Gwernogle, SN520345, R.G. Woods, 2000.

10/2.1gam. TRICHOMANES SPECIOSUM (gametophyte) 42, Brecks.: Recesses of sandstone outcrop in woodland, Coed y Fedw, Felin Fach, SO088340, R.G. Woods, 1999. 2nd record.

11/1.1×2. POLYPODIUM × MANTONIAE (P. INTERJECTUM × P. VULGARE) 64, Mid-W. Yorks.: Roadside S of village, Laverton, SE2272, D.J. Tennent, 2000, det. R.H. Roberts. 2nd record.

11/1.2×3. POLYPODIUM × SHIVASIAE (P. INTERJECTUM × P. CAMBRICUM) \*46, Cards.: With both parents on N-facing side of old mortared wall, W part of S wall of St Mary's churchyard, Cardigan, SN180460, A.O. Chater, 1998, **NMW**, conf. A.C. Jermy.

11/1.3. POLYPODIUM CAMBRICUM 50, Denbs.: Limestone woodland, Llandulas, SH9077, W. McCarthy & M. Stead, 2001, det. R.H. Roberts. 1st recent record.

11/1×2. POLYPODIUM × MANTONIAE (P. VULGARE × P. INTERJECTUM) \*39, Staffs.: Several patches, Munster Rock, Arley Wood, SO801826, P.G. Garner & R. Maskew, 2001, det. R. Maskew.

14/2.1. PHEGOPTERIS CONNECTILIS 81, Berwicks.: A series of large colonies on steep N-facing woodland bank, Ellerburn Wood, NT762607, M.E. Braithwaite, 2000. 2nd extant site.

15/1.1×2.5. × ASPLENOPHYLLITIS CONFLUENS (PHYLLITIS SCOLOPENDRIUM × ASPLENIUM TRICHOMANES) \*39, Staffs.: A single, several fronded plant, with parents, wet wall, 12 Bath Street, Leek, SJ987565, S. & E. O'Donnell, 2000, conf. A.M. Paul. 1st British record since the 19th century; stolen a few months later.

15/2.2. ASPLENIUM ONOPTERIS \*H6, Co. Waterford: Wet dripping cliffs, Muggot's Bay, X297876, P.R. Green, 2001, **DBN**.

15/2.5×7. ASPLENIUM × CLERMONTIAE (A. TRICHOMANES × A. RUTA-MURARIA) \*68, N. Northumb.: 1 good tuft with both parents, in E-facing mortared wall, near Howick Scar, NV255188, G.A. Swan, 2000, **BM**, det. F. Rumsey.

15/2.5c. ASPLENIUM TRICHOMANES subsp. PACHYRACHIS \*64, Mid-W. Yorks.: Castle wall, Knaresborough, SE348569, B. Wright, 2000.

17/1.1×2. POLYSTICHUM × BICKNELLII (P. SETIFERUM × P. ACULEATUM) 50, Denbs.: Woodland, Plas Power Country Park, SJ292499, BSBI group, 2000. 2nd record.

17/1.1×mun. POLYSTICHUM × LESLIEI (P. SETIFERUM × P. MUNITUM) \*2, E. Cornwall: With both parents, on hedgebank by narrow lane, Tywardreath, Par, SX081543, P.J. Acock, 2001, det. A.M. Paul & F.J. Rumsey. 2nd British record.

†17/1.mun. POLYSTICHUM MUNITUM 2, E. Cornwall: Originally a garden escape but now established, on hedgebank by narrow lane, Tywardreath, Par, SX081543, P. Hunt, 2001, det. P.J. Acock & A.M. Paul. Known here for the past 30 years.

17/3.1. DRYOPTERIS OREADES \*60, W. Lancs.: 1-2 plants only, at top of crags, Fell End Crag, Leck, SD652792, E.F. Greenwood, 2000, det. A.C. Jermy.

17/3.8×9. DRYOPTERIS × DEWEVERI (D. CATHUSIANA × D. DILATATA) \*1, W. Cornwall: With both parents nearby, in somewhat marshy area by river at edge of wood, Bishop's Wood, Idless, near Truro, SW829482, M.J. Stribley, 2000, conf. R.J. Murphy.

†19/1.1. AZOLLA FILICULOIDES \*99, Dunbarton: In great quantity over 2.5km, reduced level canal surface, Forth & Clyde Canal, Old Kilpatrick, NS4672, K. & S. Futter, 2000. All gone 2001.

†20/7.1. PINUS SYLVESTRIS \*113(A), Channel Is. (Alderney): Plantation, Newtown Road & Mont Touraille, WA582077, B. Bonnard, 1988.

†20/7.2a. PINUS NIGRA subsp. NIGRA. \*113(A), Channel Is. (Alderney): Plantation, Newtown Road, WA582077, B. Bonnard, 1988.

†20/7.2b. PINUS NIGRA subsp. LARICIO \*113(A), Channel Is. (Alderney): Plantation, Newtown Road, WA582077, B. Bonnard, 1988. \*113(S), Channel Is. (Sark): 3 planted trees in almost level clearing beside hill path overlooking Les Laches path from La Forge to Harbour, WV475756, R.M. Veall, 1997, **herb. Société Sercquaise**, det. R.A. Waterman.

†20/7.4. PINUS PINASTER \*113(A), Channel Is. (Alderney): Plantation, Newtown Road, WA582077, B. Bonnard, 1988.

†20/7.wal. PINUS WALLICHIANA \*29, Cambs.: One self-sown plant at base of S wall, of Great Shelford church, TL459518, A.C. Leslie, 2001. Large parent tree nearby in churchyard.

†20A/TAX.dis. TAXODIUM DISTICHUM \*77, Lanarks.: Seedling on waste ground, between Shettleston & Carntyne, Glasgow, NS6364, P. Macpherson, 2000, **herb. P.M.** det. A.McG. Stirling. 1st record other than planted.

†21/PLA.ori. PLATYCLADUS ORIENTALIS \*29, Cambs.: Churchyard, Whaddon, TL350465, P.D. Sell, 1991, **CGE**. 2 plants, both c.45cm tall and fruiting, on top of brick wall, at N end of Mill Road cemetery, Cambridge, TL461583, A.C. Leslie, 2001. 1st & 2nd records.

26/1.1. NYMPHAEA ALBA \*†113(A), Channel Is. (Alderney): Large patch (probably introduced) from a single plant in pond, Corblets Quarry, WA596088, B. Bonnard, 1986, det. D. McClintock.

27/1.1. CERATOPHYLLUM DEMERSUM 46, Cards.: Oxbow in pasture by Afon Teifi 450m W of Alltybwla, Cenarth, SN256422, A.O. Chater, 2000, **NMW**. 2nd record.

27/1.2. CERATOPHYLLUM SUBMERSUM \*113(A), Channel Is. (Alderney): Plentiful in pond, Corblets quarry, WA596088, B. Bonnard, 1987, det. D. McClintock.

28/13.4. RANUNCULUS SARDOUS 39, Staffs.: 2 plants 60m apart in wheat field, W of M6 Junction 13, NNW of Dunston, SJ925185, I.J. Hopkins, 2001. 1st recent record. \*64, Mid-W. Yorks.: 3 plants in field gateway, Eccup, Leeds, SE304422, P.P. Abbott, 2001.

†28/13.17d. RANUNCULUS FICARIA subsp. CHRYSOCEPHALUS \*29, Cambs.: Naturalised in the grounds of Chesterton Towers, Cambridge, TL4659, D.E. Coombe, 1983, **CGE**. 1 plant at base of hedge on N side of road, Histon, TL432638, A.C. Leslie, 2001. 1st & 2nd records.

28/13.19×20. RANUNCULUS × NOVAE-FORESTAE (R. OMIOPHYLLUS × R. TRIPARTITUS) \*46, Cards.: Muddy runnels in marsh, 200m SSE of Glasfryn, Felin-wynt, SN222502, A.O. Chater, 1999, **NMW**, conf. N.T.H. Holmes. \*52, Anglesey: Wet open heathland, Tre Wilmot, SH228814, M. Sutton, 2001.

28/13.20. RANUNCULUS TRIPARTITUS 46, Cards.: Muddy runnels in marsh, 200m SSE of Glasfryn, Felin-wynt, SN222502, A.O. Chater, 1999, conf. N.T.H. Holmes. 2nd & 1st recent record. \*49, Caerns.: 1 plant on bare peat in trampled heath, c.5m S of track at edge of small pool, Mynydd Cilan, Porth Ceriad SSSI, SH292245, R.A. Jones, 2000.

28/13.21. RANUNCULUS BAUDOTII 113(S), Channel Is. (Sark): Over most of area of pond, Grand Dixcart dew-pond, WV463752, R.M. Veall, 2000, **herb. Société Sercquaise**, det. N.T.H. Holmes. 1st recent record.

28/17.4. THALICTRUM MINUS \*†113(A), Channel Is. (Alderney): Planted c.30 years ago on cliff-edge path, near the Lighthouse, WA603090, B. Bonnard, 1988, det. D. McClintock.

†28/17.spe. THALICTRUM SPECIOSISSIMUM \*58, Cheshire: Casual only, on road verge, Stoke, SJ424729, G.M. Kay, 2001.

†28/2.3. *CLEMATIS TANGUTICA* \*29, Cambs.: 1 large flowering plant, at southern tip of disused Chesterton railway sidings, Cambridge, TL475604, G.M.S. Easy, 1999, conf. K.A. Beckett. \*44, Carms.: Escape from nearby garden, self sown seedlings nearby, Penylan, Llanelli, SS518998, I.K. Morgan, 2000, **NMW**, det. G. Hutchinson.

†28/2.5. *CLEMATIS VITICELLA* \*29, Cambs.: One flowering plant, clambering through ivy on outside of wall surrounding W side of churchyard, Gamlingay, TL241523, A.C. Leslie, 2001.

29/1.1. *BERBERIS VULGARIS* 51, Flints.: Small plant on rock face, adjacent to the 'Leete', Pontnewydd, Pantymwyn, SJ188650, M. Brummage, 1998. 2nd recent record. \*†113(A), Channel Is. (Alderney): Established & spreading on low cliff, Longis Bay, WA595080, B. Bonnard, 1988, det. D. McClintock.

†29/1.2. *BERBERIS THUNBERGII* \*41, Glam.: Apparently bird-sown in hedgebank, Penmaen, SS526885, A.S. Lewis, 2001.

†29/1.4. *BERBERIS WILSONIAE* \*50, Denbs.: Pathside, Rhyd y Foel, SH914772, WFS group, 2000.

†29/1.6. *BERBERIS GAGNEPAINII* \*29, Cambs.: Gravel pit, Wimblington, TL437908, G.M.S. Easy, 1975-1983, **herb. G.M.S.E.** Bird sown in car park, riverside, Chesterton, TL462593, G.M. S. Easy, 1987, **herb. G.M.S.E.** 1st & 2nd records.

†29/1.9. *BERBERIS DARWINII* \*29, Cambs.: Wall, in Peterhouse, TL448579, G.M.S. Easy, 1987, **herb. G.M.S.E.** \*113(A), Channel Is. (Alderney): Garden escape in scrub, at Corblets opposite driveway to Fort, WA598088, B. Bonnard, 1989.

†29/1.9×emp. *BERBERIS* × *STENOPHYLLA* (*B. DARWINII* × *B. EMPETRIFOLIA*) \*99, Dunbarton: By path in wood, East Helensburgh, NS3083, A. Rutherford, 1999.

†30/1.3b. *PAPAVER SOMNIFERUM* subsp. *SETIGERUM* \*44, Carms.: Several plants in sandy grassland of golf course, Pembrey Burrows, SN431003, V. & A. Lewis, 2000.

30/1.5b. *PAPAVER DUBIUM* subsp. *LECOQUII* 39, Staffs.: Around farm buildings, Combridge, SK094379, I.J. Hopkins, 1996. Rough ground, near Densley Lodge, Draycott in the Clay, SK162301, C. Higginbottom, C.N. Smith & M. Smith, 2001. 1st recent records.

†30/6.1. *ESCHSCHOLZIA CALIFORNICA* \*113(S), Channel Is. (Sark): Several plants, in rough grass beside path, Near Myrtle Cottage near Aval du Creux, WV471759, R.M. Veall, 2000, **herb. Société Sercquaise**. No other cultivated plants nearby.

†31/3.1. *PSEUDOFUMARIA LUTEA* \*113(A), Channel Is. (Alderney): 3 plants (garden escape) in a gutter, in St Martin's, WA572072, B. Bonnard, 1990.

†31/3/2. *PSEUDOFUMARIA ALBA* \*29, Cambs.: Wall, Church Lane, Ely, TL58F, R.M. Payne, 2001. Several self-sown plants (with *P. lutea*) on low brick walls, Tenison Road, Cambridge, TL460576, A.C. Leslie, 2001. 1st & 2nd records.

31/5.1a. *FUMARIA CAPREOLATA* subsp. *CAPREOLATA* f. *CAPREOLATA* \*29, Cambs.: About 10 plants on the slope of made up ground, W side of High Ditch Road at its junction with Newmarket Road, NE of Cambridge Airport, TL505594, A.C. Leslie, 2001, **CGE**, det. P.D. Sell.

31/5.3. *FUMARIA BASTARDII* \*80, Roxburghs.: Turnip field unploughed for 12 years, Easter Hill, Kittyfield, Gattonside, NT565354, L. Gaskell, 2001, **herb. R.W.M. Corner**, conf. M.E. Braithwaite. Field, Charlesfield, St Boswells, NT588297, L. Gaskell, 2001, **herb. R.W.M. Corner**. 1st & 2nd records.

31/5.6. *FUMARIA PURPUREA* \*H6, Co. Waterford: Waste ground on edge of dunes, Bunmahon, X436987, P.R. Green, 2001, **NMW**, det. T.C.G. Rich.

†31/5.car. *FUMARIA CAROLIANA* \*29, Cambs.: Garden flower bed, Commercial End, Swaffham Bulbeck, TL556633, G. Crompton, 1996, **CGE**, det. P.D. Sell. 1st British record.

33/1.1×3×4. *ULMUS* × *HOLLANDICA* (*U. GLABRA* × *U. MINOR* × *U. PLOTII*) †77, Lanarks.: Planted trees but extensively suckering and some apparently self sown, on trackside near R. Clyde, Uddingston, NS6860, P. Macpherson, 2000, **herb. P. Macpherson**, det. M. Coleman.

†33/2.3. *CORYDALIS CHEILANTHIFOLIA* \*29, Cambs.: One plant at base of wall in alleyway, off Ferry Path, Chesterton, TL455593, A.C. Leslie, 2001.

†34/1.1. *CANNABIS SATIVA* \*113(S), Channel Is. (Sark): Casual of unknown origin, in dense woodland, including remains of derelict orchard, near La Moinerie, WV462764, R.M. Veall, 2000, **herb. Société Sercquaise**.

†35/1.1. MORUS NIGRA \*29, Cambs.: 1 apparently bird sown plant (c.45cm tall) emerging from a crack in concrete front 'garden', Clarendon Street, Cambridge, TL455583, A.C. Leslie, 2001. 1st record not planted.

†35/2.1. FICUS CARICA \*113(A), Channel Is. (Alderney): Originally planted on track and gardens, Clonque, WA563075, B. Bonnard, 1988.

36/1.1gal. URTICA DIOICA subsp. GALEOPSISIFOLIA \*H6, Co. Waterford: Several large stands, on banks of R. Suir, Gibbethill, S585135, I.P. Green, 2001.

†36/3.1. SOLEIROLIA SOLEIROLII \*93, N. Aberdeen: Old churchyard, New Aberdour, NJ884643, D. Welch, 1999, **herb. D. Welch**.

39/4.3. QUERCUS ILEX \*†113(A), Channel Is. (Alderney): Frequent, possibly originally planted but self-seeding well, St Anne, WA574075, C. Helyar, 1988.

39/4.5. QUERCUS PETRAEA \*113(A), Channel Is. (Alderney): In old hedges, as at Longis Bay, WA589075, B. Bonnard, 1988.

39/4.5×6. QUERCUS ROSACEA (Q. PETRAEA × Q. ROBUR) 79, Selkirks.: Middle sized tree with small acorns, on road verge, Ettrick Bridge, NT3824, M. Matthews, 2000, det. D.R. McKean. 1st localised record.

40/1.3. BETULA NANA \*93, N. Aberdeen: Flushed mire, White Hill of Bogs, NJ443257, D. Welch, 2001.

†40/2.3. ALNUS CORDATA \*50, Denbs.: Planted in lead mines park, New Brighton, Wrexham, SJ275510, BSBI group, 2001.

†40/2.rub. ALNUS RUBRA 44, Carms.: 1 bush c.2.5m tall, side of forest road, Crychan Forest, SN844389, J. Iliff, 1991, **NMW**, det. A.O. Chater. 2nd record, assumed to be planted.

40/3.1. CARPINUS BETULUS \*†113(A), Channel Is. (Alderney): Probably planted along road, Longis Road near Catholic cemetery & St Anne's churchyard, WA584074, R. Waterman, 1988. \*†113(S), Channel Is. (Sark): Planted beside footpath, S of Le Manoir, beside path to Stocks Hotel, WV466757, R.M. Veall, 1999, **herb. Société Sercquaise**, det. R.A. Waterman.

†41A/MIR.jal. MIRABILIS JALAPA \*113(A), Channel Is. (Alderney): Rare persisting garden weed or escape, Platte Saline, WA568079, B. Bonnard, 1987, det. D. McClintock.

†42/1.1. APTENIA CORDIFOLIA \*113(A), Channel Is. (Alderney): Established on several old walls, in St Anne, WA575075, B. Bonnard, 1987, det. D. McClintock.

†42/8.2. CARPOBROTUS EDULIS (yellow-flowered form) \*113(A), Channel Is. (Alderney): Established on lower part of cliffs, below Essex Hill, WA595073, BSBI meeting, 1995.

†42/8.3. CARPOBROTUS GLAUDESCENS \*113(A), Channel Is. (Alderney): Naturalised on sandy shores and near old forts, NE corner of Island, WA604085, B. Bonnard, 1987, det. D. McClintock.

†43/1.1. CHENOPODIUM AMBROSIODES \*29, Cambs.: Track of old railway, Burwell, TL584655, G.M.S. Easy, 1991, **herb. G.M.S.E.**

43/1.10. CHENOPODIUM HYBRIDUM \*64, Mid-W. Yorks.: A dozen plants, at edge of arable field, Bridge Hewick, SE333703, Mid-W. Yorks. Plant Recording Group, 1999, det. P.P. Abbott.

†43/1.14. CHENOPODIUM OPULIFOLIUM 61, S.E. Yorks.: Casual only in arable margin, near Skidby, TA0133, J. Dewes, 1999, det. J.R. Akeroyd. 1st recent record.

†43/1.des. CHENOPODIUM DESICATUM \*29, Cambs.: Roadside verge on E side of A603, Barton, TL415559, J. Benfield, 1997, det. P.D. Sell & S.M. Walters.

43/3.10. ATRIPLEX PORTULACOIDES \*48, Merioneth: Mature hummocks along c.60m at edge of creek in muddy saltmarsh, Artro estuary, SH5626, P.M. Benoit & D.J. Brown, 2001, 1st localised record.

43/3.2×4. ATRIPLEX × GUSTAFSSONIANA (A. LONGIPES × A. PROSTRATA) \*5, S. Somerset: Growing with *Bolboschoenus maritimus* in brackish ditch, Wall Common, Steart, ST258451, I.P. Green, 2000, conf. J.R. Akeroyd.

43/3.3. ATRIPLEX GLABRIUSCULA 35, Mons.: Several scattered plants in saltmarsh, between the transporter bridge & Alpha Steel, Newport, ST3285, T.G. Evans, 2000. 1st recent record.

43/3.4. ATRIPLEX LONGIPES 35, Mons.: Several plants in saltmarsh, just above mud of River Usk, NW of Alpha Steel, Newport, ST326854, T.G. Evans, 2000, **NMW**. 2nd record. \*H6, Co. Waterford: 3 plants only, on shore of brackish pond, Little Island, Ballynakil, Waterford City, S652112, P.R. Green, I.P. Green & D. Berridge, 2001, **DBN**, conf. J.R. Akeroyd. New to Ireland.

43/3.8. *ATRIPLEX LACINIATA* \*91, Kincardines.: Gravelly shore, Nigg Bay, NJ965048, D. Welch, 1998, **ABD**.

43/8.1b. *SALSOLA KALI* subsp. *RUTHENICA* 29, Cambs.: Waste ground by farm buildings, New Farm, Whittlesford, TL452489, G.M.S. Easy, 1994, **herb. G.M.S.E.** 1st recent record.

†44/1.1. *AMARANTHUS RETROFLEXUS* 44, Carms.: New embankment for cycleway, Morfa Bacas, SS547983, A. & V. Lewis, 1999. 2nd record.

†44/1.hyp. *AMARANTHUS HYPOCHONDRIACUS* \*44, Carms.: 3 plants only, with other casuals, on ground recently disturbed by bridge construction, below eastern side of Pont d'Agén, Sandy, Llanelli, SN499002, R.D. Pryce & K.A. Cottingham, 2001, **NMW**, det. T.B. Ryves.

†45/1.1. *PORTULACA OLERACEA* \*113(A), Channel Is. (Alderney): Casual in gravel, at the Old Barn, Longis, WA594078, M. Long, 2001.

†45/2.2. *CLAYTONIA SIBIRICA* \*113(A), Channel Is. (Alderney): Garden escape, at Platte Saline, WA568078, B. & J. Bonnard, 1986, det. D. McClintock.

46/1.1c. *ARENARIA SERPYLLIFOLIA* subsp. *LEPTOCLADOS* †64, Mid-W. Yorks.: Roadside bank, Aberford, SE432386, Leeds Naturalists' Club, 2001. Probably introduced with foreign seed during landscaping.

46/4.2. *MINUARTIA VERNA* \*H6, Co. Waterford: 31 plants, on E-facing rocky cliff, Coummahon, Comeragh Mountains, S328094, P.R. Green, 2001.

46/7.2×3. *CERASTIUM ARVENSE* × *C. TOMENTOSUM* \*39, Staffs.: Churchyard, Worsley, SO893878, M.E. Smith, 2001, conf. A.C. Leslie.

46/10.1. *SAGINA NODOSA* 29, Cambs.: Open rabbit-grazed grassland of old sand and gravel pit, Whittlesey brick-pits, TL253976, N.P. Miller, 1997 & 1998. 1st recent record. \*47, Monts.: Edge of small flush, Machynlleth, SN79, C. Forster-Brown, 1999.

46/14.1. *ILLECEBRUM VERTICILLATUM* \*†52, Anglesey: Single plant, presumably casual, limestone quarry, Bwrdd Arthur, SH5881, N. Woodhead, 1958, **NMW**, det. T. Rich, 2001.

46/17.4. *SPERGULARIA RUBRA* \*†H6, Co. Waterford: Possibly introduced with gravel for forest ride, Portlaw, S463139, I.P. Green, 2001.

†46/19.1. *AGROSTEMMA GITHAGO* 35, Mons.: 1 large plant in crack between base of wall and patio, Lion Inn, Trellech, SO501055, G. Harris, 2000, det. T.G. Evans. 1st recent record.

46/20.4. *SILENE VULGARIS* 91, Kincards.: Roadside, Fettercairn, NO629723, D. Welch, 2001, **ABD**. Only extant site.

†46/20.7. *SILENE ARMERIA* \*113(A), Channel Is. (Alderney): Casual in rough ground, at La Marette, WA572069, C. Johns, 1993, det. D. McClintock. New to Guernsey Bailiwick.

46/20.11. *SILENE GALLICA* 50, Denbs.: Railway bank, Abergele, SH947788, M. Stead, 2000. 2nd record.

†46/20.mus. *SILENE MUSCIPULA* \*46, Cards.: One plant, casual on new Environment Agency floodbank, on S side of Afon Rheidol, Glanyrafon Industrial Estate, SN614804, A.O. Chater, 2001.

†46/22.1. *SAPONARIA OFFICINALIS* \*110, Outer Hebrides: Lochmaddy, NF96, L.S. Garrad, 1998.

†46/25.3. *DIANTHUS BARBATUS* \*52, Anglesey: 1 plant, well away from habitation, sand dune ridge, Tywyn Pferam, SH3371, BSBI meeting, 2001.

46/25.5. *DIANTHUS DELTOIDES* 50, Denbs.: Grassland on lead mine spoil tips, New Brighton, SJ273509, P. Thomas, 2000, det. J.A. Green. 2nd recent record. \*†113(S), Channel Is. (Sark): Garden escape on roadside bank, Westward Ho, Rue du Sermon, WV462760, R.M. Veall, 1999, **herb. Société Sercquaise**.

†47/1.2. *PERSICARIA CAMPANULATA* \*52, Anglesey: Thoroughly established in wet woodland, near Ty Fry, Pentraeth, SH5176, I.R. Bonner & N. Brown, 2000. \*110, Outer Hebrides: Lochmaddy, NF917684, L.S. Garrad, 1998.

47/1.15. *PERSICARIA MITIS* \*49, Caerns.: Numerous scattered plants at edge of oxbow, near Llanrwst, SH792626, R. Lewis, 1997, det. J. Timson. 1st record for N. Wales.

†47/1.cap. PERSICARIA CAPITATA \*29, Cambs.: Single plant in gutter and at base of house wall (below a hanging basket including this species), Norwich Street, Cambridge, TL454574, P.H. Oswald & C.D. Preston, 1999. Flowering in gutter, at E end of Saxon Street, Cambridge, TL452576, P.H. Oswald, 2000, **CGE**. 1st & 2nd records. \*39, Staffs.: Pavement, alleyway leading from Stanley Street, Leek, SJ983565, J.E. Hawksford, 1998. Pavement, by wall, W side of road, near entrance to car park of The Chetwynd Centre, Stafford, SJ922228, J.E. Hawksford, 1999. 1st & 2nd records. \*41, Glam.: On brick paving, in Swansea Marina, SS661927, A.S. Lewis, 2000. \*42, Brecs.: Pavement, Crickhowell, SO216182, C. Porter, 2001, det. M. Porter.

†47/1.run. PERSICARIA RUNCINATA \*77, Lanarks.: Established on bank of R. Clyde, Hazelbank, NS8345, P. Macpherson, 2001, **herb. P.M.** det. E.J. Clement.

†47/3/1. FAGOPYRUM ESCULENTUM 46, Cards.: 6 plants, casual only, on new Environment Agency floodbank, on S side of Afon Rheidol, Glanrafon Industrial Estate, SN614804, A.O. Chater, 2001, **NMW**. 1st recent record. 99, Dunbarton: Landscaped area, Pier-head, Helensburgh, NS2982, A. Rutherford & A.McG. Stirling, 1998. 2nd record.

47/4.1. POLYGONUM MARITIMUM, 13, W. Sussex: 20+ plants scattered on shingle – ranging from seedlings to mature plants, East Head, SZ766994, E. Sturt, 2001. 2nd recent record & only extant site.

47/4.4. POLYGONUM AVICULARE subsp. NEGLECTUM \*44, Carms.: Cobbled courtyard of farm buildings, Glynhir Mansion, Llandybie, SN640151, A.O. Chater, 2001, **NMW**, det. T. Karlsson. 1st record for subsp.

47/4.6. POLYGONUM RURIVAGUM \*44, Carms.: Old coal tip, N of Glyn-tai, 2km S of Llandybie, SN617133, A.O. Chater & R.D. Pryce, 2001, **NMW**, det. T. Karlsson.

†47/4.cog. POLYGONUM COGNATUM 39, Staffs.: Patch 30cm in diameter apparently established on a raised grassy track in a marshy field owned by a brewery, Burton upon Trent, SK2523, M.E. Smith, 2000, conf. B.S. Wurzell. Only extant site.

†47/5.1. FALLOPIA JAPONICA \*113(A), Channel Is. (Alderney): Established and locally abundant over 100m, in La Bonne Terre, WA565078, B. Bonnard, 1986, det. D. McClintock.

†47/5.1×2. FALLOPIA × BOHEMICA (F. JAPONICA × F. SACHALINENSIS) \*29, Cambs.: 1 large patch to N of footpath, W of St Wendreda's church, March, TL413952, A.C. Leslie, 2001, **LTR**, conf. A.P. Conolly. \*110, Outer Hebrides: Callanish, NB2130, L.S. Garrad, 1998.

†47/5.3. FALLOPIA BALDSCHUANICA \*99, Dunbarton: Increasing on railway bank, E of Cardross station, NS3477, A. Rutherford, 2000. \*113(A), Channel Is. (Alderney): Garden escape in several sites, as at Crabbe, WA572079, B. Bonnard, 1986, det. D. McClintock.

48/8.1b. RUMEX ACETOSELLA subsp. PYRENAICUS \*44, Carms.: Sparsely vegetated old colliery tip on steep slope, c.300m N of Glytai Fawr, Ammanford, SN617133, A.O. Chater, R.D. Pryce & K.A. Cottingham, 2001, det. A.O.C. 1st record for subsp.

47/8.8×19. RUMEX × HYBRIDUS (R. LONGIFOLIUS × R. OBTUSIFOLIUS) \*80, Roxburghs.: With both parents, on road verge, Charlesfield roadend near A68, St Boswells, NT592302, M.E. Braithwaite, 2001, **herb. R.W.M. Corner**.

47/8.10×19. RUMEX × LINGULATUS (R. HYDROLAPATHUM × R. OBTUSIFOLIUS) 5, S. Somerset: Single specimen growing with both parents, on south bank of canal, Bridgwater & Taunton Canal, Bathpool, ST254260, I.P. Green, 2000. \*64, Mid-W. Yorks.: Disused tip, Burley-in-Wharfedale, SE156465, M. Wilcox, 1999, det. J.R. Akeroyd.

†47/8.11. RUMEX CRISTATUS \*29, Cambs.: Waste ground, Chesterton railway sidings, TL475606, A.C. Leslie, 2000, **herb. A.C.L.**

47/8.13×15. RUMEX × SAGORSKII (R. CRISPUS × R. SANGUINEUS) \*29, Cambs.: With both parents at cornfield margin, by Borley Wood, TL582475, A.C. Leslie, 1978. 1 plant (with both parents and no other docks), field edge by water towers, S of Madingley, TL393593, A.C. Leslie, 2000. 1st & 2nd records.

47/8.14×18. RUMEX × MURETHI (R. CONGLOMERATUS × R. PULCHER) \*29, Cambs.: 1 plant at the edge of a population of *R. pulcher*, NW corner of Midsummer Common, Cambridge, TL454593, A.C. Leslie, 2000, **RNG**, det. J.R. Akeroyd.

47/8.15×19. RUMEX × DUFFTHI (R. SANGUINEUS × R. OBTUSIFOLIUS) \*68, N. Northumb.: Roadside, near level-crossing, Brunton, NV208238, G.D. Kitchener, 2000.

47/8.16. RUMEX RUPESTRIS **45**, Pembs.: 4 flowering plants in flushed strand zone of cobbles, sand & rock platform, SE end of Marloes sands, SM789068, S.B. & A.E. Evans, 2000. Over 25 flowering plants on damp ledges of sea cliff, Watery Bay, Marloes, SM760978, S.B. Evans, 2000. 1st & 2nd recent records.

47/8/21. RUMEX MARITIMUS \*†**46**, Cards.: 1 large plant, casual only, on new verge, by Ysgol Penweddig, Llanabadarn Road, Aberystwyth, SN595811, A.O. Chater & C.D. Preston, 2001, **NMW**.

50/1.1. ELATINE HEXANDRA \***5**, S. Somerset: 6 specimens on exposed mud of reservoir, Clatworthy Reservoir, ST031307, I.P. Green, 2000.

51/1.3. HYPERICUM ANDROSAEMUM, **113(A)**, Channel Is. (Alderney): Quarry, Clonque, WA562074, D. McClintock, 1982. 2nd record.

†51/1.3×4. HYPERICUM × INODORUM (H. ANDROSAEMUM × H. HIRCINUM) \***39**, Staffs.: Disused car park, rear of Cotwall End Nature Centre, S of Sedgley, SO912927, B. Hopton, 2001.

†51/1.4. HYPERICUM HIRCINUM \***44**, Carms.: 1 large bush on stony waste near entrance to WWT Centre, Penclacwydd, SS533987, V. & A. Lewis, 2001. Locally abundant in waste ground and verges, Bynea, SS5598, V. & A. Lewis, 2001. 1st & 2nd records.

51/1.6×7des. HYPERICUM × DESETANGSII nothosubsp. DESETANGSII (H. PERFORATUM × H. MACULATUM subsp. OBTUSIUSCULUM) \***44**, Carms.: River meadow of R. Teifi, SW of Pengraig, Pentre-cwrt, SN393395, G. Hutchinson, 1991, **NMW**, det. N.K.B. Robson. 1st record for nothosubsp.

51/1.10×11. HYPERICUM HUMIFUSUM × H. LINARIIFOLIUM \***45**, Pembs.: Dry, S-facing seacliff, Morfa Common, Nine Wells, Solva, SM784242, M. Sutton, 2001, det. N.K.B. Robson.

51/1.16. HYPERICUM ELODES **39**, Staffs.: The Spectacles, Aqualate Mere National Nature Reserve, SJ915231, E. Radford, 2001. 1st recent record.

†51/1.for. HYPERICUM FORRESTII \***77**, Lanarks.: Established self-sown colony, in wall and at base of wall, Ruchill, Glasgow, NS5768, P. Macpherson, 2001, **herb. P. Macpherson**, det. N.K.B. Robson.

53/1.1. MALVA MOSCHATA **91**, Kincards.: Grassland by ruin, St Mary's Kirk, Stonehaven, NO884873, D. Welch, 2001. Only extant site.

†53/1.5. MALVA PARVIFLORA **39**, Staffs.: 3 plants as garden weed, Burton-on-Trent, SK2424, M.E. Smith, 2001. Only extant site.

†53/2.3×olb. LAVATERA × CLEMENTII (L. THURINGIACA × L. OLBIA) \***29**, Cambs.: 1 plant in hedge on W side of road, between Ashwell station and A505, TL297383, A.C. Leslie, 2001.

53/3.1. ALTHAEA OFFICINALIS \*†**2**, E. Cornwall: Established, along the banks by the tidal edge of the R. Lerryn, Lerryn, SX140570, P.R. Green, 2001.

†53/4.1. ALCEA ROSEA \***99**, Dunbarton: Hedge bottom by footpath, Craigendoran, NS3081, A. Rutherford, 1999 Still there 2002.

†53/6.vit. ABUTILON VITIFOLIUM \***113(S)**, Channel Is. (Sark): 2 mature shrubs self-seeded or bird-sown, c.4m tall, in garden, Maison Pommier, WV466769, R.M. Veall, 2000, **herb. Société Sercquaise**.

57/1.1. VIOLA ODORATA \*†**113(A)**, Channel Is. (Alderney): Established under ash trees, in Val Reuters, WA578073, R. Waterman & B. Bonnard, 1986, det. D. McClintock.

†57/1.2. VIOLA LABRADORICA hort. non Schrank. \***29**, Cambs.: Flowering among purplish foliage on pavement, Brookside, Cambridge, TL451575, P.H. Oswald, 1999.

57/1.4×6. VIOLA × INTERSITA (V. RIVINIANA × V. CANINA) \***43**, Rads.: W-facing fields, Gilfach, SN964715, S.P. Chambers, 1998, conf. D.M. Moore. \***81**, Berwicks.: N-facing slope, Marchcleugh Crags, NT687399, M.E. Braithwaite & R.W.M. Corner, 2000.

57/1.6. VIOLA CANINA **43**, Rads.: W-facing fields, Gilfach, SN964715, S.P. Chambers, 1998, conf. D.M. Moore. 1st recent record. **81**, Berwicks.: 1 plant in cleft in S-facing rocks, Marchcleugh Crags, NT687399, M.E. Braithwaite & R.W.M. Corner, 2000. 2nd extant site.

57/1.6a. VIOLA CANINA subsp. CANINA **65**, N.W. Yorks.: Heath, Catterick Garrison, Foxglove Covert LNR, SE161970, I. Lawrence, 2001. 2nd recent record.



†57/1.11×12×alt. VIOLA × WITTRUCKIANA (V. LUTEA × V. TRICOLOR × V. ALTAICA) \*99, Dunbarton: Waste ground, West Helensburgh, NS3083, A. Rutherford & A.McG. Stirling, 1996.

57/1.12a. VIOLA TRICOLOR subsp. TRICOLOR 45, Pembs.: Coastal reversion field, Llanferran Farm, 3km N of St Davids, SM754288, S.B. & A.E. Evans, 2000. Only extant site.

59/9.1. ARBUTUS UNEDO †44, Carms.: Mature tree, reputedly over 100 years old in lawned grounds of hotel, Ashburnham Hotel, Pembrey, SN434008, P. Clark, 2001, det. R.D. Pryce. Only extant site.

61/1.3a. POPULUS NIGRA subsp. BETULIFOLIA 45, Pembs.: Twin stemmed tree c.18m high on river bank, Western Cleddau near old paper mills, Haverfordwest, SM953177, S.B. Evans, 2000. 1st record as possible native.

†61/1.4. POPULUS TRICHOCARPA \*44, Carms.: 2 young trees, apparently not planted on slope in abandoned limestone quarry, Cilyrychen Quarry, N of Llandybie, SN614165, A.O. Chater, R.D. Pryce & K.A. Cottingham, 2001.

61/2.2×3. SALIX × RUBENS (S. FRAGILIS × S. ALBA) \*93, N. Aberdeen: Woodland edge, Laithers, NJ675492, D. Welch, 1999, **herb. D.W.**, det. R.D. Meikle.

61/2.3. SALIX ALBA \*113(A), Channel Is. (Alderney): Frequent, suckering freely on golf course, The Nunnery, WA595080, B. Bonnard, 1988. Possibly native.

61/2.4. SALIX TRIANDRA 79, Selkirks.: Riverside, N bank of R. Tweed upstream from Tweed Bridge, The Rink, NT487322, R.W.M. Corner, 2001, **herb. R.W.M.C.** 2nd extant site.

61/2.4×9. SALIX × MOLLISSIMA (S. TRIANDRA × S. VIMINALIS) \*49, Caerns.: Sand dunes, West shore, Llandudno, SH7781, W. McCarthy, 2000, det. R.D. Meikle.

61/2.5×11b. SALIX × PONTERIANIA (S. PURPUREA × S. CINEREA subsp. OLEIFOLIA) \*46, Cards.: 5 bushes on Teifi bank, 200m S of Llanybydder church, SN518437, T.C.G. Rich & A.O. Chater, 1993, **NMW**, conf. R.D. Meikle on material recollected in 2000.

†61/2.6. SALIX DAPHNOIDES \*95, Moray: A good sized tree growing with other willows, on shingle bank, R. Spey, Aviemore, NH896120, K.K. Harrison, 2000, det. R.D. Meikle.

†61/2.7. SALIX ACUTIFOLIA \*80, Roxburghs.: Originally planted at side of loch, N side of Bowden Moor Reservoir, Melrose, NT540317, J.J. Day, 1997, **herb. R.W.M. Corner**.

61/2.9×11×16. SALIX × ANGUSENSIS (S. VIMINALIS × S. CINEREA × S. REPENS) \*58, Cheshire: Dunes, Leasowe, SJ2491, E.F. Greenwood, 2001, **LIV**, det. R.D. Meikle.

61/2.10×11. SALIX × REICHARDTII (S. CAPREA × S. CINEREA) \*93, N. Aberdeen: Coastal grassland, Bullers of Buchan, NK109379, D. Welch, 1994, **herb. D.W.**, det. R.D. Meikle.

61/2.11a. SALIX CINEREA subsp. CINEREA \*64, Mid-W. Yorks.: Edge of reservoir, Fewston, SE189541, M. Wilcox, 1999, det. R.D. Meikle. 1st confirmed record.

61/2.12×15. SALIX × LUDIFICANS (S. AURITA × S. PHYLICIFOLIA) 96, Easternness: Burnside, Elrick Burn, 2.4km S of Coignafearn, NH6712, M. McCallum Webster, 1970, **E**, det. D.R. McKean. 2nd & 1st recent record.

†61/2.bab. SALIX BABYLONICA \*113(A), Channel Is. (Alderney): Probably planted in gardens, Val du Saue, WA573063, C. Helyar, 1988.

†62/2.1. DECURAINIA SOPHIA 44, Carms.: Several plants at edge of cinder-surfaced trackway, Pembrey Saltings LNR, SN417002, I.K. Morgan, 2000. 1st recent record. 80, Roxburghs.: Set-aside grassland (sown), Kittyfield farm, Gattonside, NT556355, L. Gaskell, 2001, **herb. R.W.M. Corner**. 2nd recent record.

†62/10.1. MATTHIOLA INCANA \*44, Carms.: Escaped into sandy ground in village, Pendine, SN234079, R.D. Pryce & K.A. Cottingham, 2001.

†62/11.3. BARBAREA INTERMEDIA \*52, Anglesey: Disturbed ground in improved pasture, near Cors Eddreiniog, SH4780, I.R. Bonner, 2000.

62/12.3. RORIPPA ISLANDICA \*5, S. Somerset: Thousands of plants around margins of reservoir, Clatworthy Reservoir, ST038306, I.P. Green, 2001, conf. T.C.G. Rich. 1st English record.

†62/13.1. ARMORACIA RUSTICANA 79, Selkirks.: 1 plant, on eroding river bank, S side R. Ettrick, Victoria Park, Selkirk, NT463285, R.W.M. Corner, 2001, **herb. R.W.M.C.** 1st recent record.

62/14.7×8. *CARDAMINE* × *ZAHLEBRUCKNERIANA* (*C. FLEXUOSA* × *C. PRATENSIS*). \*46, Cards.: 1 plant in gravelly car park, Eglwys Newydd church, Hafod, SN768736, A.O. Chater & J.P. Woodman, 2001, **NMW**, conf. T.C.G. Rich. \*95, Moray: Bare ground on old railway line, Knockando, NJ180411, I.P. Green, 1999, **NMW**, conf. T.C.G. Rich.

†62/14.cor. *CARDAMINE CORYMBOSA* \*78, Peebles.: Troublesome garden weed, Broughton Place, Broughton, NT115374, D. Binns, 2000, det. D.R. McKean. \*99, Dunbarton: Nursery weed, The Linn, Cove, NS2282, J. Taggart, 1998.

†62/14.hep. *CARDAMINE HEPTAPHYLLA* \*64, Mid-W. Yorks.: Holden Clough, SD7749, V. Gordon, 1961, **LIV**, det. T.C.G. Rich.

62/23.1×3. *COCHLEARIA* × *HOLLANDICA* (*C. ANGLICA* × *C. OFFICINALIS*) \*95, Moray: Saltmarsh, Findhorn Bay, Findhorn, NJ018633, M. Wilcox, 2001, conf. P.S. Wyse Jackson.

†62/23.3b. *COCHLEARIA OFFICINALIS* subsp. *OFFICINALIS* \*29, Cambs.: 1 small patch at base of building, South Brink, Wisbech, TF457094, G.M.S. Easy, 2001.

62/28.1. *THLASPI ARVENSE* 110, Outer Hebrides: Garden weed, Stornoway, NB431334, R.J. Pankhurst & W. Cunningham, 2001. 1st recent record. \*†113(A), Channel Is. (Alderney): Several hundred plants in a fallow field (probably casual only), Val du Saue, WA573063, B. Bonnard, 1986, det. D. McClintock.

62/30.2. *LEPIDIUM CAMPESTRE* 67, S. Northumb.: 3 plants, by side of dismantled railway line, S of Shiremoor, NZ3269, A. & G. Young, 2000, **herb. G.A. Swan**. Only extant site.

†62/31.2. *CORONOPUS DIDYMUS* 81, Berwicks.: New industrial area, Gunsgreen, Eyemouth, NT948644, M.E. Braithwaite, 2000. 2nd record.

†62/35.2a. *SINAPIS ALBA* subsp. *ALBA* \*44, Carms.: 1 casual plant only on W bank of access road to coast, Machynys, Llanelli, SS506982, R.D. Pryce & K.A. Cottingham, 2001. 1st definite record of subsp.

†62/38.1. *HIRSCHFELDIA INCANA* \*52, Anglesey: Single plant, dunes, Traeth Lligwy, SH4987, I.R. Bonner & T.D. Dines, 2000.

62/41.1. *CRAMBE MARITIMA* \*46, Cards.: 1 plant on shingle, Ynys-las, SN609922, R. Birch, 2001.

†62/ERU.ves.a. *ERUCA VESICARIA* subsp. *SATIVA* \*113(A), Channel Is. (Alderney): Casual on dunes, at Platte Saline, WA565079, R. Waterman, 1980, det. D. McClintock. New to Channel Is.

65/12.8. *ERICA VAGANS* \*†77, Lanarks.: Dumped or self-sown and surviving, in rough grassland at the edge of an industrial estate, Laih Mains, East Kilbride, NS6356, B. Simpson, 2001, **herb. P. Macpherson**.

†65/8.1. *GAULTHERIA SHALLON* \*H6, Co. Waterford: Small patch, roadside, Ballyrafter, X051997, P.R. Green, 2001.

66/1.1. *PYROLA MINOR* 39, Staffs.: Under *Salix* scrub, Huntley Wood, S of Brookhouses, SJ996414; In large quantity under birch, oak and willow, old spoil mound, Brookhouses, SJ990425; both I.J. Hopkins, 1999. 1st recent records.

66/1.3a. *PYROLA ROTUNDIFOLIA* subsp. *ROTUNDIFOLIA* 39, Staffs.: 53 flowering plants, fen, near Chasetown, SK0308, D.G. Evans, 2001. 1st recent record.

†69/1.9. *PRIMULA JAPONICA* \*43, Rads.: Wet woodland, Witybeds, Presteigne, SO310649, S.P. Chambers, 1998, conf. E.J. Clement.

†69/3.1. *CYCLAMEN HEDERIFOLIUM* 44, Carms.: Garden outcast, known for at least 3 years, below Penyfai Lane along B4308, Llanelli, SN497013, I.K. Morgan, 2001, **NMW**. 2nd record. \*64, Mid-W. Yorks.: Several clumps naturalised under trees on roadside verge, Copt-Hewick, SE343716, Mid-W. Yorks. Plant Recording Group, 1999. \*113(A), Channel Is. (Alderney): Established on grass verge, near Sharp's Farm & Cortil Quartier, WA596087, B. Holding, 1988, det. B. Bonnard. Several clumps established amongst bracken, E coast, St Esquère Bay, WA607088, B. Bonnard, 1993. 1st & 2nd records.

†69/3.2. *CYCLAMEN COUM* \*44, Carms.: Naturalised and in flower on steep roadside bank, Llangathen, SN583222, V. & A. Lewis, 2001.

†69/4.4. *LYSIMACHIA CILIATA* \*93, N. Aberdeen: Woodland, New Deer, NJ8947, D. Welch, 1998, **ABD**.

69/6.1. ANAGALLIS TENELLA **93**, N. Aberdeen: Marsh, Loch of Strathbeg, NK0859, S. Cutts, 1998, conf. D. Welch. 2nd extant site.

†71/HYD.mac. HYDRANGAEA MACROPHYLLA **\*113(A)**, Channel Is. (Alderney): Single small bush, ?self-seeded, Roc à l'Épine, WA563075, B. Bonnard, 1987, det. D. McClintock. **\*113(S)**, Channel Is. (Sark): Row of bushes up to 2m tall, planted 30 years ago and surviving on roadside verge, near lower end of Harbour Hill, WV476758, R.M. Veall, 1998, **herb. Société Sercquaise**.

†72/2.5. RIBES ODORATUM **\*46**, Cards.: Roadside hedge, 150m S of Penllwyn crossroads, Capel Bangor, SN652801, S.P. Chambers, 2000, conf. B. Wurzell.

†73/1.3. CRASSULA HELMSII **47**, Monts.: Mud adjoining boardwalk across marsh area, Llyn Coed-y-dinas MWT Reserve, Welshpool, SJ221051, M. Wainwright & V. Pate, 2001. 2nd record. **\*113(A)**, Channel Is. (Alderney): In water-filled stone tank, on Essex Hill, WA594074, M. Long, 1983, det. D. McClintock. Established in pond, Corblets Quarry, WA596088, B. & J. Bonnard, 1986, det. D. McClintock. 1st & 2nd records. New to Bailiwick.

†73/5.3. SEDUM CONFUSUM **\*2**, E. Cornwall: Established on exposed head on cliff slopes, between Seaton and Murrayton, SX295543, M.G.C. Atkinson, 1999, det. P.R. Green. **\*60**, W. Lancs.: Top of sea wall, near Ferry Cottage, Overton, SD438568, E.F. Greenwood, 2000, **LIV**.

†73/5.4. SEDUM SPECTABILE **\*41**, Glam.: Gorse scrub by roadside, Pennard Burrows, SS551883, A.S. Lewis, 2000. **\*113(A)**, Channel Is. (Alderney): Established garden escape, Le Petit Val and other sites, WA567078, M.L. Mendham, 1986, det. D. McClintock.

†73/5.13. SEDUM SEXANGULARE **\*64**, Mid-W. Yorks.: Sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE254384, B.A. Tregale & M. Wilcox, 2001.

73/5.16. SEDUM ANGLICUM **\*77**, Lanarks.: Well established at side of forest track, NNE of Forth, NS9657, F. Macfarlane. 2000, **herb. P. Macpherson**.

†73/5.19. SEDUM HISPANICUM **\*29**, Cambs.: Single flowering clump on steps of Norwich House, Panton Street (E side), Cambridge, TL453574, P.H. Oswald, 1999. Still present and fruiting in 2000; vegetative only in 2002.

†74/3.1. BERGENIA CRASSIFOLIA **\*44**, Carms.: Planted on grave and increasing vigorously, Capel Carmel chapelyard, Burry Port, SN458022; Large patch beside recently created walkway in disused quarry, Pentregwenlais, SN604166; both V. & A. Lewis, 2001. 1st & 2nd records. **\*113(A)**, Channel Is. (Alderney): Garden escape, Platte Saline, WA567079, B. Bonnard, 1987, det. D. McClintock.

†74/4.1. DARMERA PELTATA **80**, Roxburghs.: Well established colony at wet margin of reservoir, N side of Bowden Moor Reservoir, Melrose, NT540317, L. Gaskell, 1998, **herb. R.W.M. Corner**. 1st established record.

74/5.16. SAXIFRAGA HYPNOIDES **91**, Kincards.: Flush below rock outcrop, Slack of Birnie, NO676802, E. Woodward, 2000, conf. D. Welch. 1st recent record.

†75/3.7. SPIRAEA CHAMAEDRYFOLIA **\*95**, Moray: Several bushes, in hedgerow on each side of B9007, S of Bridge of Logie, S of Forres, NJ000496, J. Clarke, 2000, det. E.J. Clement.

†75/5.1. HOLODISCUS DISCOLOR **\*99**, Dunbarton: Many seedlings of various sizes, on old walls by stream bank, Millig Burn, Helensburgh, NS2982, A. Rutherford, 2000.

†75/7.1. KERRIA JAPONICA **\*77**, Lanarks.: Established in grassy trackside verge, Bothwell, NS7059, P. Macpherson, 2001, **herb. P.M.**, det. A.McG. Stirling.

75/8.3. RUBUS SAXATILIS **39**, Staffs.: A few dozen plants, shady river bank, N of roadside, Ecton, SJ096581, D.R. Larner & J.E. Hawksford, 2000. Only extant site.

75/8.7×321. RUBUS × PSEUDOIDEAEUS (R. CAESIUS × R. IDAEUS) **\*29**, Cambs.: 1 patch on bank W of A10 just N of roundabout, Royston, TL363423, A.C. Leslie, 2001, **herb. A.C.L.**, conf. A. Bull.

†75/8.9. RUBUS SPECTABILIS **\*80**, Roxburghs.: Colony 3 × 2m, on riverside with *Salix* spp., S side of R. Tweed NE of Melrose, NT550346, G. Maclaine, 2000, **herb. R.W.M. Corner**.

75/8.28. RUBUS SCISSUS **\*47**, Monts.: Near Llangurig, SN98, A. Ley, 1886, **BM**, comm. D.E. Allen.

75/8.37. RUBUS CALVATUS **\*64**, Mid-W. Yorks.: Beside R. Dunsop, Dunsop Bridge, SD659503, D.P. Earl, 1994.

75/8.38. *RUBUS CAMBRENSIS* \*42, Brecs.: Rocky bank, edge of woodland, track, beside Afon Giedd, N of Cwngiedd, SN789124, BSBI field meeting, 2000.

75/8.46. *RUBUS CUMBRENSIS* \*64, Mid-W. Yorks.: Roadside, Browsholme, SE687446, D.P. Earl, 1996.

75/8.69. *RUBUS PLATYCANTHUS* \*64, Mid-W. Yorks.: Stainbeck, Leeds, SE291366, K. Pyne, 1999, det. A. Newton.

75/8.82. *RUBUS SILURUM* \*64, Mid-W. Yorks.: Laneside, Bashall Eaves, SD690443, D.P. Earl, 1997, det. A. Newton.

75/8.88. *RUBUS ACCLIVITATUM* \*12, N. Hants.: Hedge of green lane, between Four Marks & Lower Farringdon, SU687347, D.E. Allen, 2000, **BM**, conf. A. Newton.

75/8.92. *RUBUS BOUDICCAE* \*14, E. Sussex: Balcombe Road, Haywards Heath, TQ3225, R.S. Standen, 1904, **BM**, det. D.E. Allen.

75/8.95. *RUBUS CISSBURIENSIS* \*29, Cambs.: Locally abundant in front of Museum of Technology, SE side of river, NE of Elizabeth Way Bridge, Cambridge, TL465593, A.C. Leslie, 2001, **herb. A.C.L.**, det. A. Newton.

75/8.98. *RUBUS CURVISPINOSUS* \*12, N. Hants.: Edge of acid clearing, Itchen Wood, SU525355, D.E. Allen, 2000, **BM**.

75/8.105. *RUBUS INCURVATIFORMIS* \*64, Mid-W. Yorks.: Roadside, Burley Woodhead, SE151453, D.R. Grant & T. Schofield, 1999.

75/8.116. *RUBUS PISTORIS* \*12, N. Hants.: Bridleway through heathy birchwood, E of Bramshill Police College, SU757609, D.E. Allen & B. Goater, 2000, **BM**.

75/8.116. *RUBUS PISTORIS* \*64, Mid-W. Yorks.: Waste grounds, Scotland Mill, Adel, Leeds, SE285387, K. Pyne, 1999, det. A. Newton.

75/8.140. *RUBUS ROSSENSIS* \*46, Cards.: Roadside hedgebank, 100m N of Henllan Station, SN357408, D.E. Allen, A.O. Chater & R.D. Pryce, 1999, **BM**, conf. A. Newton.

†75/8.147. *RUBUS BORAEANUS* \*29, Cambs.: Horseway, near Chatteris, TL48, A. Newton, 1986.

75/8.161. *RUBUS SURREJANUS* \*33, E. Glos.: Lidcombe Wood, Stanway, SP0732, H.J. Riddelsdell, 1924, **BM**, det. D.E. Allen.

75/8.185. *RUBUS GRIFFITHIANUS* \*35, Mons.: Troy Wood, Monmouth, SO51, W.C. Barton & H.J. Riddelsdell, 1923, **BM**, det. D.E. Allen, conf. A. Newton. \*64, Mid-W. Yorks.: Wooded laneside, Cow Ark, SD672453, D.P. Earl, 1997, det. A. Newton.

75/8.193. *RUBUS MELANODERMIS* \*17, Surrey: Wimbledon Common, TQ2171, H.W. Pugsley, 1911 & 1929, **BM**, det. D.E. Allen.

75/8.208. *RUBUS CINEROSUS* \*11, S. Hants.: Clearing, Coopers Wood, near Bucklers Hard, SZ394987, D.E. Allen, 1984, **BM**.

75/8.216. *RUBUS HIBERNICUS* \*46, Cards.: Roadside cliff, 250m W of Llwyndafydd, SN368555, D.E. Allen & A.O. Chater, 1999, **BM**, conf. A. Newton.

75/8.231. *RUBUS ECHINATOIDES* \*42, Brecs.: Scrub, on bank of Afon Tawe, Abercraf, SN813126, M. Porter, 2000.

75/8.232. *RUBUS ECHINATUS* 29, Cambs.: Small patch on the abandoned Chesterton railway sidings, Milton, TL474606, A.C. Leslie, 2000, conf. A. Newton. 2nd & 1st recent record.

75/8.234. *RUBUS FLEXUOSUS* \*47, Monts.: Ffridd Gate, near Machynlleth, SH753025, W.C. Barton, 1923, **BM**, comm. D.E. Allen.

75/8.247. *RUBUS PORPHYROCAULIS* \*12, N. Hants.: Bracken-covered roadside, Furzy Moor, Winchfield, SU762545, D.E. Allen, 1999, **BM** & **HCMS**, conf. A. Newton.

75/8.254. *RUBUS RUFESCENS* \*46, Cards.: Lampter, SN5748, R.G. Ellis, 1978, **NMW**, det. R.D. Randall.

75/8.259. *RUBUS SUBTERCANENS* \*64, Mid-W. Yorks.: Riverside woodland, Gisburn, SD8000485, D.P. Earl & J. Buckley-Earl, 1997.

75/8.262. *RUBUS ANGUSTICUSPIS* \*46, Cards.: Top of wood by road, Allt y Fedw, Cwm Cou, SN310425, D.E. Allen & A.O. Chater, 1999, **BM**, conf. A. Newton.

- 75/8.266. *RUBUS BERCHERIENSIS* \*36, Herefs.: Treville Wood, Wormbridge, SO4332, A. Ley, 1897, **BM**, det. D.E. Allen, conf. A. Newton.
- 75/8.280. *RUBUS PHAEOCARPUS* \*†64, Mid-W. Yorks.: Possibly introduced during tree planting from S England, in forest/plantation, Gisburn Forest, SD760574, D.P. Earl & J. Buckley-Earl, 1997, det. A. Newton.
- 75/8.286. *RUBUS SCABRIPES* \*12, N. Hants.: Roadside wood margin, Harewood Forest, Andover, SU404464, D.E. Allen, 2000, **BM**, conf. A. Newton.
- 75/8.289. *RUBUS TARDUS* \*11, S. Hants.: 2 bushes on ride, Sawyer's Wood, Southwick, SU6408, D.E. Allen, 1995, **BM**, conf. A. Newton.
- 75/8.301. *RUBUS SCABER* \*46, Cards.: Felled woodland, Coed Newydd, Coedmor, SN196443, D.E. Allen & A.O. Chater, 1999, **BM**, conf. A. Newton.
- 75/8.302. *RUBUS ADENOLEUCUS* \*11, S. Hants.: Roadside, Fulflood, Winchester, SU470301, D.E. Allen, 2000, **BM**, conf. A. Newton. \*42, Brecks.: Woodland edge near car-park, Henrhyd Falls, Coelbren, SN854120, M. Porter, 1983, **herb. M.P.**
- 75/8.308. *RUBUS EBORACENSIS* \*29, Cambs.: Roadside, Little Heath Road, Gamlingay, TL2351, A.L. Bull, 2000, conf. A. Newton.
- 75/8.314. *RUBUS PICTORUM* \*†10, Wight: Probably introduced with nursery stock (from Balmoral?), among rhododendrons and on nearby wood margin, Osborne House grounds, SZ5194, D.E. Allen, 1999, **BM & HCMS**, conf. A. Newton.
- 75/8.314. *RUBUS PICTORUM* \*46, Cards.: Roadside hedgebank, Sarnau, SN315504, D.E. Allen & A.O. Chater, 2001, **NMW**, conf. A. Newton.
- 75/8.320. *RUBUS WARRENII* \*13, W. Sussex: Abundant in plantation, Birdham Pool, SU822008, D.E. Allen, 2000, **BM**, conf. A. Newton.
- 75/8.ari. *RUBUS ARICONIENSIS* \*46, Cards.: Felled woodland, Coed Newydd, Coedmor, SN196443, D.E. Allen & A.O. Chater, 1999, **BM**, conf. M. Porter.
- 75/8.pan. *RUBUS PANNOSUS* \*12, N. Hants.: Clay copses, Ellisfield, SU6343, D.E. Allen, 1982, **BM**, conf. A. Newton.
- 75/8.pur. *RUBUS PURBECKENSIS* \*H8, Limerick: Rough ground, Thornfield House, near Annacotty, R6657, E. Armitage, 1901, **BM**, det. D.E. Allen.
- 75/9.1. *POTENTILLA FRUTICOSA* \*†29, Cambs.: Small plant in pavement, in front of Shelford railway station, TL465524, G.M.S. Easy, 1988, **herb. G.M.S.E.** Single seedling in E gutter, of Bentinck Street, across pavement from lawn of Hanover Court (with corner planting of shrubs, including presumed parent plant), Cambridge, TL454575, P.H. Oswald & C.D. Preston, 1999. 1st & 2nd records. \*†113(A), Channel Is. (Alderney): Occasional garden escape ?self-seeded, Platte Saline, WA568079, B. Bonnard, 1987.
- †75/9.7. *POTENTILLA RECTA* \*64, Mid-W. Yorks.: Old sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE2538, Bradford Botany Group, 1999.
- 75/9.13×14. *POTENTILLA* × *SUBERECTA* (*P. ERECTA* × *P. ANGLICA*) 5, S. Somerset: Single large patch on N shore of reservoir, Clatworthy Reservoir, ST045318, I.P. Green, 2001, conf. B. Harold. 1st recent record. 49, Caerns.: Laneside bank, leading to Pant Gwyn, Tudweiliog, Lleyn Peninsula, SH239379, W. McCarthy, 2001. 1st recent record.
- 75/9.14×15. *POTENTILLA* × *MIXTA* (*P. ERECTA* × *P. REPTANS* & *P. ANGLICA* × *P. REPTANS*) 49, Caerns.: Bank near stile, Pant Gwyn, Tudweiliog, Lleyn Peninsula, SH240380, W. McCarthy, 2001. 1st recent record.
- 75/11.1. *FRAGARIA VESCA* \*†113(A), Channel Is. (Alderney): 2 plants of unknown origin in flower & fruit on old stone wall in churchyard, St Anne, WA574074, B. Bonnard, 1997.
- †75/18.2. *ACAENA ANSERINIFOLIA* \*99, Dunbarton: Pavement chinks, West King Street, Helensburgh, NS2982, A. Rutherford, 2001, det. A.McG. Stirling.
- 75/19.8. *ALCHEMILLA MICANS* 67, S. Northumb.: Roadside verge, near Ned's Whins, NZ226963, G.A. & M. Swan, 1998, **herb. G.A.S.**, det. S.M. Walters. A considerable extension of range.
- †75/19.15. *ALCHEMILLA MOLLIS* 42, Brecks.: Road verge, Caehopkin, SN826122, M. & C. Porter, 1998. 2nd record.

†75/21.1. *ROSA MULTIFLORA* \*29, Cambs.: Hedgerow, Haslingfield Hill, TL402514, G.M.S. Easy, 1975, **herb. G.M.S.E.** Possibly planted or outcast, but growing with wild *Rosa* species only, on right side of road going over A14, at Fen Ditton, TL499599, G.M.S. Easy, 1998, **herb. G.M.S.E.** Still present in 2002. 1st & 2nd records.

75/21.4. *ROSA ARVENSIS* \*95, Moray: Road bank and field, Malcolm Bridge, Mulben, NJ365522, I.P. Green, 2001, conf. A.L. Primavesi. 1st confirmed record.

†75/21.4×10. *ROSA* × *ALBA* (*R. GALLICA* × *R. ARVENSIS* AND/ OR *R. CANINA*) \*113(A), Channel Is. (Alderney): Large specimen established in old field hedge, near top of Trois Vaux, WA561064, B. Bonnard, 1996.

75/21.4×12. *ROSA* × *IRREGULARIS* (*R. ARVENSIS* × *R. CANINA*) 39, Staffs.: Roadside scrub, Ecton, SK0956, A.L. Primavesi & R. Maskew, 1996. 1st recent record. \*50, Denbs.: Old quarry, Terfyn, SH913776, W. McCarthy, 2001, det. A.L. Primavesi.

75/21.5×16. *ROSA* × *INVOLUTA* (*R. PIMPINELLIFOLIA* × *R. SHERARDII*) 49, Caerns.: Spreading several feet along hedgebank, Capel Carmel to Anelog road, N of Aberdaron, SH159282, A.P. Conolly, 2001, **LTR**, det. A.L. Primavesi. 1st recent record.

†75/21.6. *ROSA RUGOSA* 'ALBA' 113(S), Channel Is. (Sark): Originally planted, now with new plants from suckers, roadside verge, Rue de la Peigneurie, WV471756, R.M. Veall, 2001, **herb. Société Sercquaise**, det. A.L. Primavesi.

†75/21.7. *ROSA* 'HOLLANDICA' \*H6, Co. Waterford: Single bush on E side of road, field hedge, Ballylinch, S355022, P.R. Green, 2001, det. A.L. Primavesi.

75/21.11. *ROSA STYLOSA* 46, Cards.: Scrub on disused railway, Teifi Marshes, Cardigan, SN186453, A.O. Chater, 2001, conf. R. Maskew. 2nd record.

75/21.12×13b. *ROSA* × *DUMALIS* (*R. CANINA* × *R. CAESIA* subsp. *VOSAGIACA*) \*44, Carms.: NE side of road opposite deep road cutting, c.1.5km S of Meidrim, SN288193, G. Hutchinson & R.D. Pryce, 1992, **NMW**, det. A.L. Primavesi. \*77, Lanarks.: Roadside, W of Earnock, Hamilton, NS6854, P. Macpherson, 2000, **herb. P.M.**, det. R. Maskew.

75/21.12×14. *ROSA* × *DUMETORUM* (*R. CANINA* × *R. OBTUSIFOLIA*) \*46, Cards.: Field hedge, 150m S of Felin-ganol, Penparc, SN198486, R. Maskew & A.O. Chater, 2000.

75/21.12×15. *ROSA* × *SCABRIUSCULA* (*R. CANINA* × *R. TOMENTOSA*) \*39, Staffs.: Roadside S of Heaton, 50m S of bridge over Rad Brook, SJ940610, J.H. Clarke, 2000, det. R. Maskew. 44, Carms.: E side of bank in hawthorn, near vehicle park, Ginst Point, SN323079, G. Hutchinson & I. K. Morgan, 1992, **NMW**, det. A.L. Primavesi. 1st recent record.

75/21.12×17. *ROSA* × *MOLLETORUM* (*R. CANINA* × *R. MOLLIS*) \*39, Staffs.: Under-the-Hill, near Longnor, SK083658, A.L. Primavesi & R. Maskew, 1996.

75/21.12×18. *ROSA* × *NITIDULA* (*R. CANINA* × *R. RUBIGINOSA*) \*29, Cambs.: 1 bush growing between *R. canina* & *R. rubiginosa*, Milton Country Park, (formerly Milton gravel pits), TL482623, G.M.S. Easy, 1989, **CGE**, det. A.L. Primavesi. \*50, Denbs.: Hedge, New Brighton, Wrexham, SJ276509, J.A. Green, 2001, det. A.L. Primavesi. \*67, S. Northumb.: Old roadside hedge, Morpeth, NZ184867, G.A. & M. Swan, 2001, **herb. G.A.S.** det. A.L. Primavesi.

75/21.12×19. *ROSA* × *TODDIAE* (*R. CANINA* × *R. MICRANTHA*) \*46, Cards.: Roadside hedgebank, 200m NNE of Llwyn-llwyd, Penparc, SN201489, R. Maskew & A.O. Chater, 2000.

75/21.13×16. *ROSA CAESIA* × *R. SHERARDII* \*39, Staffs.: Roadside scrub, near Wetton, SK099553, R. Maskew, 2001.

75/21.13×17. *ROSA* × *GLAUROIDES* (*R. CAESIA* × *R. MOLLIS*) \*39, Staffs.: Roadside scrub, near Wetton, SK099553, R. Maskew, 2001.

75/21.13a. *ROSA CAESIA* subsp. *CAESIA* 44, Carms.: Hedgerow on E side of lane c.80m N of 30mph signs, S of Llainlwyd, St Clears, SN280184, G. Hutchinson & R.D. Pryce, 1992, **NMW**, det. A.L. Primavesi. 1st recent record.

75/21.13b×14. *ROSA CAESIA* subsp. *VOSAGIACA* × *R. OBTUSIFOLIA* \*39, Staffs.: Lordspiece, near Stanton, SK140463, A.L. Primavesi & R. Maskew, 2001.

75/21.13b×15. *ROSA* × *COTTETII* (*R. CAESIA* subsp. *VOSAGIACA* × *R. TOMENTOSA*) \*39, Staffs.: Blore Woodhouses, SK139485, A.L. Primavesi & R. Maskew, 2001.

75/21.14. *ROSA OBTUSIFOLIA* 58, Cheshire: Hedge by canal, Church Lawton, SJ816562, Cheshire Recording Group, 2001, conf. R. Maskew. 1st recent record.

75/21.17×18. *ROSA* × *MOLLIFORMIS* (*R. MOLLIS* × *R. RUBIGINOSA*) \*77, Lanarks.: Roadside S of Wiston, NS9631, P. Macpherson, 2000, **herb. P.M.**, det. R. Maskew.

75/21.18×19. *ROSA* × *BIGENERIS* (*R. RUBIGINOSA* × *R. MICRANTHA*) \*46, Cards.: N bank of A487, 100m S of Figure Four crossroads, SN588775, R. Maskew & A.O. Chater, 2001, conf. A. L. Primavesi.

75/21.19. *ROSA MICRANTHA* 50, Denbs.: Limestone grassland, Graigfechan, SJ148549, G. Kaye, 2000, det. A.L. Primavesi. 1st recent record.

75/21.19×20. *ROSA* × *BISHOPII* (*R. MICRANTHA* × *R. AGRESTIS*) \*50, Denbs.: Limestone grassland, Graigfechan, SJ148549, G. Kaye, 2000, det. A.L. Primavesi.

75/21.20. *ROSA AGRESTIS* \*44, Carms.: Wooded roadside hedgebank near disused rookery, 0.4km NE of Pentre-cwrt, SN390391, G. Hutchinson. 1991, **NMW**, det. A.L. Primavesi. Not refound in 2002. 50, Denbs.: Limestone grassland, Graigfechan, SJ148549, G. Kaye, 2000, det. A.L. Primavesi. 2nd record.

†75/22.12. *PRUNUS SEROTINA* \*29, Cambs.: 1 fruiting bird sown plant (c.1.5m tall), disused railway track on NW side of current line, SW of Royston station, TL348410, A.C. Leslie, 2001, **CGE**. 1st confirmed record. \*77, Lanarks.: Rough waste ground, Shettleston, Glasgow, NS6364, P. Macpherson, 2000, **herb. P.M.**, det. E.J. Clement. Status doubtful; originally planted or bird-sown?

†75/22.3. *PRUNUS CERASIFERA* \*113(A), Channel Is. (Alderney): 5 old trees (1 in fruit & 1 suckering) at 3 scattered sites, St Anne, WA574074, R. Ball, 1997, det. B. Bonnard. Planted long ago. \*113(S), Channel Is. (Sark): Old tree, probably planted for fruit, in woodland including site of derelict orchard, near La Moinerie, WV462764, C. Helyar, 2000, **herb. Société Sercquaise**.

†75/22.5b. *PRUNUS DOMESTICA* subsp. *INSITIA* 43, Rads.: Suckering bushes by derelict stone building, Crow Wood, SO104433, S.P. Chambers, 2001. 2nd recent record.

75/22.6. *PRUNUS AVIUM* \*†113(A), Channel Is. (Alderney): Sucker or branch from planted ornamental cherry stock which has died off above ground, in Old Churchyard, St Anne, WA573073, R. Waterman, 1988.

†75/22.7. *PRUNUS CERASUS* \*113(A), Channel Is. (Alderney): Established and suckering in old 40m hedge on waste ground, in Les Venelles, WA573070, B. Bonnard, 1997.

75/26.2. *PYRUS PYRASTER* \*113(A), Channel Is. (Alderney): Quarry, Mannez, WA601088, C. Johns, 1981, det. RBG, Kew. Possibly native in Channel Is. \*†113(S), Channel Is. (Sark): Mature tree about 15m tall, numerous suckers up to 2m tall, in ditch and on hedgebank. Le Grand Beauregard, WV457754, R.M. Veall, 1998, **herb. Société Sercquaise**.

75/26.3. *PYRUS COMMUNIS* †113(S), Channel Is. (Sark): Suckers from planted tree in nearby garden, on roadside bank, near La Fougérie, WV465768, R.M. Veall, 1998, **herb. Société Sercquaise**. 1st recent record.

75/28.12. *SORBUS EMINENS* \*42, Brecs.: Limestone cliff, Craig y Cilau NNR, SO188158, T.C.G. Rich, 2000, **NMW**.

75/28.20. *SORBUS DEVONIENSIS* 5, S. Somerset: Steep wooded bank, Timberscombe Wood, SS958415, I.P. Green, 2000, det. R.D. Meikle. 2nd record & only extant site.

†75/31.1. *PHOTINIA DAVIDIANA* \*64, Mid-W. Yorks.: Waste ground, Leeds, SE314324, M. Wilcox, 1999, det. P.S. Green.

†75/32.9. *COTONEASTER FRIGIDUS* \*29, Cambs.: ?bird sown on railway edge from adjacent row next to playing fields, Long Road, TL457558, G.M.S. Easy, 1977 & 1987, **herb. G.M.S.E**.

†75/32.9×10. *COTONEASTER* × *WATERERI* (*C. FRIGIDUS* × *C. SALICIFOLIUS*) \*29, Cambs.: Newmarket station, TL652645, G.M.S. Easy, 1977.

†75/32.11×18. *COTONEASTER* × *SUECICUS* (*C. DAMMERI* × *C. CONSPICUUS*) \*29, Cambs.: 1 old prostrate shrub, waste ground, Chesterton railway sidings, TL4761, A.C. Leslie, 2000, **CGE**, det. J. Fryer. \*64, Mid-W. Yorks.: Waste ground, Central Leeds, SE306632, M. Wilcox, 1999, det. J. Fryer.

†75/32.13. *COTONEASTER LACTEUS* \*29, Cambs.: Back of railway station, Newmarket, TL645627, G.M.S. Easy, 1978.

- †75/32.16. *COTONEASTER INTEGRIFOLIUS* \*93, N. Aberdeen: Rock outcrop, Strichen, NJ942570, D. Welch, 1999.
- †75/32.18. *COTONEASTER CONSPICUUS* \*64, Mid-W. Yorks.: Disused sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE2538, M. Wilcox, 1999, det. J. Fryer.
- †75/32.22. *COTONEASTER HJELMQVISTII* \*29, Cambs.: Several plants beside old railway track, Histon, just SE of first crossing, TL432634, P.D. Sell, 1998, **CGE**. 1 large plant under birches, Chesterton railway sidings, TL474607, A.C. Leslie, 2001, **CGE**. 1st & 2nd records. \*64, Mid-W. Yorks.: Disused sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE2538, M. Wilcox, 1999, det. J. Fryer.
- †75/32.26. *COTONEASTER DIVARICATUS* 29, Cambs.: Large numbers spreading from station garden along old railway line, Histon, TL442626-439628, G.M.S. Easy, 1994, **herb. G.M.S.E.** 2nd record.
- †75/32.35. *COTONEASTER REHDERI* \*29, Cambs.: 1 large shrub on SW side of old railway, NW of Milton Road level crossing, Chesterton, TL465613, A.C. Leslie, 2001, **herb. A.C.L.**
- †75/32.37. *COTONEASTER DIELSIANUS* \*29, Cambs.: Seedling on top of old wall, at the back of the Botanic Garden, Cambridge, TL4557, G.M.S. Easy, 1988. 3 plants scattered at a major thrush roost, East Pit, (Caius), Cherry Hinton, TL483557, G.M.S. Easy, 2000, **herb. G.M.S.E.** 1st & 2nd records. \*50, Denbs.: Top of wall, Llanrwst, SH794622, W. McCarthy, 2001, **NMW**, det. J. Fryer. \*H6, Co. Waterford: 1 bush self-sown, in roadside hedge, Kilmacthomas, S400062, P.R. Green, 2001.
- †75/32.40. *COTONEASTER STERNIANUS* \*29, Cambs.: Frequent in bramble thickets, waste ground, Wisbech, TF462103, G.M.S. Easy, 1993. 1 plant, old railway track, Cambridge, TL464615, A.C. Leslie, 2000, **CGE**, det. J. Fryer. 1st & 2nd records.
- 75/32.asc. *COTONEASTER ASCENDENS* \*77, Lanarks.: Surviving on stonework of bridge over R. Nethan, Lesmahagow, NS83, P. Macpherson, 1998, **herb. P.M.**, det. J. Fryer.
- †75/32.coc. *COTONEASTER COCHLEATUS* \*29, Cambs.: 2 spreading plants on clinker along old St Ives railway, Chesterton, TL468612, G.M.S. Easy, 1999, **herb. G.M.S.E.**
- †75/32.glab. *COTONEASTER GLABRATUS* \*29, Cambs.: 1 tall shrub on track of old railway, Royston, TL348410, A.C. Leslie, 2001, **herb. A.C.L.**, det. J. Fryer.
- †75/32.glau. *COTONEASTER GLAUCOPHYLLUS* \*29, Cambs.: 1 bush, old railway track, Chesterton, TL469612, A.C. Leslie, 2000, **CGE**, det. J. Fryer, conf. B. Hylmö. 1st British record.
- †75/32.ign. *COTONEASTER IGNESESCENS* \*77, Lanarks.: Well established on long abandoned railway viaduct, Dalmarnock, Glasgow, NS6163, P. Macpherson & E.L.S. Lindsay, 2001, **herb. P.M.** det. J. Fryer. 1st British record.
- †75/32.ind. *COTONEASTER INDURATUS* \*29, Cambs.: Old railway track, Chesterton railway sidings, TL4760, A.C. Leslie, 2000, **CGE**, det. J. Fryer, conf. B. Hylmö.
- †75/32.mai. *COTONEASTER MAIREI* \*77, Lanarks.: Surviving by fence at side of minor road, Chapelhall, NS7862, P. Macpherson, 2000, **herb. P.M.**, det. J. Fryer. Bird sown & established on long abandoned railway viaduct, Dalmarnock, Glasgow, NS6163, P. Macpherson & E.L.S. Lindsay, 2001, **herb. P.M.**, det. J. Fryer. 1st & 2nd records.
- †75/32.rot. *COTONEASTER ROTUNDIFOLIUS* \*68, N. Northumb.: Steep bank above stream, W bank of Usway Burn, NT881091, G.A. & M. Swan, 2000, **herb. G.A.S.**, det. J. Fryer.
- †75/34.1. *MESPILIS GERMANICA* \*113(S), Channel Is. (Sark): Young fruiting tree about 1.7m tall, possibly bird sown, among *Prunus spinosa* in scrub, S end of Eperquerie Common, WV462772, R.M. Veall, 1998, **herb. Société Sercquaise**.
- 75/35.7×8. *CRATAEGUS* × *MEDIA* (*C. MONOGYNA* × *C. LAEVIGATA*) \*80, Roxburghs.: Old hedgerow, near Hawick, NT533168, C. Dixon, 1999, **E**, det. D.R. McKean. \*†95, Moray: One bush, well established on sand dunes, Roseisle Forest, Burghead, NJ109664, M. Wilcox, 2001, conf. J.R. Akeroyd. Near an old ruin so possibly planted.
- †77/3.1×ori. *COLUTEA* × *MEDIA* (*C. ARBORESCENS* × *C. ORIENTALIS*) \*29, Cambs.: At least 20 shrubs on edges of old railway track, between Oakington and Histon, TL4264, A.C. Leslie & J.L. Sharman, 2000.
- 77/8.1. *LOTUS GLABER* 58, Cheshire: Grassy waste area, Bromborough, SJ345847, R. Goodchild, 2000. Only certain recent record.



77/8.2. LOTUS CORNICULATUS **110**, Outer Hebrides: By military road, to Mullach Mor, St Kilda, NF0999, J. Gudge, 1996. 1st record for St Kilda.

†77/13.1. SECURIGERA VARIA **39**, Staffs.: Well established, E side of railway line, Ravenscliffe, SJ838528, I.J. Hopkins, 2001. 2nd recent record. \***50**, Denbs.: Edge of birch wood, New Brighton, Wrexham, SJ275510, M. Williams, 2001.

†77/14.fab. VICIA FABAE **99**, Dunbarton: Rough ground, East Helensburgh, NS3083, A. Rutherford & A. McG. Stirling, 2001. 2nd record.

†77/15.6. LATHYRUS TUBEROSUS \***64**, Mid-W. Yorks.: Naturalised, on edge of old mine, Micklefield, SE440327, S. King, 1998.

†77/15.7. LATHYRUS GRANDIFLORUS \***68**, N. Northumb.: By footpath between quarries, Longhoughton Quarry, NV2315, G.D. Kitchener, 2000. \***113(A)**, Channel Is. (Alderney): Planted c.30 years ago, by old German bunker, near Fort Quesnard, WA603089, B. Bonnard, 1988, det. D. McClintock.

†77/15.9. LATHYRUS LATIFOLIUS \***67**, S. Northumb.: Roadside bank SW of Dipton Mill, NY925603, G.A. & M. Swan, 2000, **herb. G.A.S.**

77/15.12. LATHYRUS NISSOLIA \*†**52**, Anglesey: Probably casual, waste grassland, Newborough, SH422656, Ecological consultants to Menter Mon, 2001.

77/18.2b. MEDICAGO SATIVA subsp. VARIA \*†**64**, Mid-W. Yorks.: Roadside, Aberford, SE437368, Leeds Naturalists' Club, 2001, det. P.P. Abbott. Probably introduced with foreign seed during landscaping.

†77/18.2c. MEDICAGO SATIVA subsp. SATIVA \***93**, N. Aberdeen: Coastal grassland, Sandhaven, NJ9567, D. Welch & M. Innes, ?1998, **ABD**.

†77/18.lac. MEDICAGO LACINIATA \***58**, Cheshire: Casual only, on new road verge, Noman's Heath, SJ5246, A.B. Blacklay & P. Woods, 2001, det. E.J. Clement.

†77/18.tru. MEDICAGO TRUNCATUCA \***58**, Cheshire: Casual only, on new road verge, Noman's Heath, SJ5246, A.B. Blacklay & P. Woods, 2001, det. E.J. Clement.

77/19.3. TRIFOLIUM OCCIDENTALE \***2**, E. Cornwall: By coastal path along sea cliffs, between Northcott Mouth and Menachurch Point, SS202087, P. Greenwood, 2000, conf. R.J. Murphy & C.D. Preston. \***49**, Caerns.: Short turf, near Ty Pellaf, Bardsey Island, SH122212; Short turf on S-facing bank, Porth Solfach, Bardsey Island, SH115213; both I.R. Bonner & J.M. Brummitt, 2000, **herb. I.R.B.**, conf. C.D. Preston. 1st & 2nd records.

77/19.8. TRIFOLIUM FRAGIFERUM **39**, Staffs.: Allimore Green Common Nature Reserve, SJ8519, E. Radford, 2001. 2nd record.

†77/19.19a. TRIFOLIUM INCARNATUM SUBSP. INCARNATUM \***44**, Carms.: 2 plants on shingle beach, E end of lake, Sandy Water Park, Llanelli, SN497002, Llanelli Naturalists, 2001, det. I.K. Morgan. †**113(S)**, Channel Is. (Sark): Roadside verge beside garden wall, L'Asile, Mill Lane, WV464758, R.M. Veall, 1999, **herb. Société Sercquaise**. 1st recent record. Probably of garden origin but not seen in garden.

77/19.23. TRIFOLIUM ARVENSE †**99**, Dunbarton: Probably introduced, in grassy waste ground, West Helensburgh, NS3083, A. Rutherford & A. McG. Stirling, 1997. 2nd & 1st localised record.

†77/21.1×2. LUPINUS × REGALIS (L. ARBOREUS × L. POLYPHYLLUS) \***110**, Outer Hebrides: Stornoway, NB4233, L.S. Garrad, 1998.

†77/22.1. LABURNUM ANAGYROIDES \***113(A)**, Channel Is. (Alderney): 2 young plants established in a gutter, in Queen Elizabeth II Street, St Anne, WA574073, B. Bonnard, 1988.

†77/24.1. SPARTIUM JUNCEUM **44**, Carms.: Several plants in sandy grassland on seaward edge of golf course, Pembrey Burrows, SN426004, V. & A. Lewis, 2000. 2nd record. \***113(A)**, Channel Is. (Alderney): Church Glebe land (possibly planted), on Les Rochers, WA583074, B. Bonnard, 1989.

78/1.1. HIPPOPHAE RHAMNOIDES †**91**, Kincardines.: Grassland near sea, Johnshaven, NO804675, D. Welch, 1998. 1st recent record. \*†**113(A)**, Channel Is. (Alderney): Occasional hedging near sea (probably planted) and 2 large plants, in St Martins, WA577083, B. Bonnard, 1986.

†78/2.com. ELAEAGNUS COMMUTATA \***113(A)**, Channel Is. (Alderney): A deciduous species suckering vigorously, at Val du Saue, WA573063, B. Bonnard, 1996, det. RBG, Kew.

†78/2.mac.xpun. ELAEAGNUS × EBBINGEI (E. MACROPHYLLA × E. PUNGENS) \*113(A), Channel Is. (Alderney): Frequently established in hedging near coast, as at Fort Quesnard, WA607089, B. Bonnard, 1988, det. D. McClintock. \*113(S), Channel Is. (Sark): Seedlings from planted hedge, on roadside bank, Mill Lane, WV463758, R.M. Veall, 1999, **herb. Société Sercquaise**, det. R.A. Waterman. 1st record of self-sown plants.

79/2.1. MYRIOPHYLLUM VERTICILLATUM \*113(A), Channel Is. (Alderney): Plentiful in pond, Corblets Quarry, WA596088, B. Bonnard, 1986, det. D. McClintock.

†79/2.2. MYRIOPHYLLUM AQUATICUM 35, Mons.: Covering many square metres of canal, Monmouth - Brecon canal, Malpas, ST301902, S. Williams, 2000. 2nd record. 39, Staffs.: Dominating half of a small pond, Tittensor Chase, SJ876364, I.J. Hopkins, 1998. 2nd record. \*50, Denbs.: Man-made pond, Marford, SJ357564, J.A. Green, 2000. \*52, Anglesey: A single shoot amongst *Bolboschoenus* stems in a small stream discharging into Red Wharf Bay, Glan Halen, Llanddona Beach, SH564806, I.R. Bonner & T.D. Dines, 2001. *Crassula helmsii* also present and apparently established. \*64, Mid-W. Yorks.: Ditch beside former tip, now being landscaped, Burley-in-Wharfedale, SE156466, F.D. Draper, 1994. \*113(A), Channel Is. (Alderney): Established in pond, Mannez Quarry, WA604087, B. Bonnard, 1988, det. C. Jermy.

79/2.4. MYRIOPHYLLUM ALTERNIFLORUM 39, Staffs.: A few plants in the small pond to the N of fishing lake, Biddulph Grange Country Park, Biddulph, SJ898590, J.E. Hawksford, 1999. 1st recent record.

†80/1.1. GUNNERA TINCTORIA \*46, Cards.: Naturalised by pond in pasture, Felin Geri, Cwm Cou, SN300421, A.O. Chater & L. Gander, 2000. \*113(A), Channel Is. (Alderney): Established along streamside, in Val du Saue, WA573063, B. Bonnard, 1986, det. D. McClintock.

81/1.3. LYTHRUM PORTULA 113(S), Channel Is. (Sark): Small pond, partly drying-out at times, Grand Dixcart dew-pond, WV463752, Mr & Mrs R. Long, 2000, **herb. Société Sercquaise**. 1st recent record.

81/13b. LYTHRUM PORTULA subsp. LONGIDENTATUM \*44, Carms.: Marginal swampy vegetation, W shore of Talley Upper (southern) Lake, SN632329, R.D. Pryce & BSBI meeting, 2001, **NMW**, det. A.O. Chater. 1st published record of subsp.

†83/UGN.mol. UGNI MOLINAE \*113(A), Channel Is. (Alderney): Single well established bush with roots under rock above shore at St Esquère headland, E coast, WA606088, H. Hayes, 1997, det. R. Waterman & C. Helyar. Seedlings found nearby in 2000.

84/1.1×5. EPILOBIUM × BREVIPILUM (E. HIRSUTUM × E. TETRAGONUM) \*29, Cambs.: At least 5 plants scattered through a small field of cultivated peonies (with both parents, some *E. ciliatum* and no *E. parviflorum*), SW of Cottenham, TL439660, A.C. Leslie, 2001, **CGE**.

84/1.1×8. EPILOBIUM × NOVAE-CIVITATIS (E. HIRSUTUM × E. CILIATUM) \*44, Carms.: Few plants, with both parents, near old lime kilns in working limestone quarry, Cilyrychen Quarry, N of Llandybie, SN617166, A.O. Chater, R.D. Pryce & K.A. Cottingham, 2001, **NMW**, det. A.O.C.

84/1.2×8. EPILOBIUM × FLORIDULUM (E. PARVIFLORUM × E. CILIATUM) \*39, Staffs.: Concrete path running parallel to M5, Sandwell Park, SP021914, M.W. Poulton, 1998. \*44, Carms.: Frequent in working area around quarry entrance, with both parents, Cilyrychen Quarry, N of Llandybie, SN617166, A.O. Chater, R.D. Pryce & K.A. Cottingham, 2001, **NMW**. \*46, Cards.: By stream, 300m W of Maesymeillion, Penparc, SN195483, S.P. Chambers, 1999, **herb. S.P.C.**, conf. T.D. Pennington.

84/1.2×9. EPILOBIUM × RIVULARE (E. PARVIFLORUM × E. PALUSTRE) \*68, N. Northumb.: Marshy, sandy ground behind golf-course, Alnmouth, NV248104, G.D. Kitchener, 2000.

84/1.3×7. EPILOBIUM × MUTABILE (E. MONTANUM × E. ROSEUM) \*46, Cards.: Pavement, Great Darkgate Street, Aberystwyth, SN563817, S.P. Chambers, 1999, **herb. S.P.C.**, conf. T.D. Pennington.

84/1.3×8. EPILOBIUM × INTERJECTUM (E. MONTANUM × E. CILIATUM) \*67, S. Northumb.: Roadside hedge, bordering allotments, Castle Leaze, Newcastle upon Tyne, NZ2365, G.D. Kitchener, 1999. \*68, N. Northumb.: In grounds of Cragside, near Rothbury, NV0702, G.D. Kitchener, 2000.

84/1.4. *EPILOBIUM LANCEOLATUM* **47**, Monts.: Abundant in one area on bank by quarry track, Craig Breidden, SJ287132, T.C.G. Rich, A. Law & L. Houston. 2001. 2nd record. \***65**, N.W. Yorks.: Waste ground by riverside, near cottage below castle, Richmond, NZ168005, I. Lawrence, 2001.

84/1.6×8. *EPILOBIUM* × *VICINUM* (*E. OBSCURUM* × *E. CILIATUM*) \***68**, N. Northumb.: At foot of old wall, grounds of Doxford Hall, NV189243, G.D. Kitchener, 2000.

84/1.6×9. *EPILOBIUM* × *SCHMIDTIANUM* (*E. OBSCURUM* × *E. PALUSTRE*) **45**, Pems.: Wetland, Bristgarn near Llanwnda, Strumble Head, SM925395, S. Chambers, 2001. 1st recent record. \***46**, Cards.: Marsh by Forestry road 2.5km NNE of Nant-y-maen, SN775604, A.O. Chater & R.D. Pryce, 2001, **NMW**, conf. G. D. Kitchener.

84/1.7. *EPILOBIUM ROSEUM* **67**, S. Northumb.: Damp, shady ground between wall and roadside, near Littleharle Tower, NZ011835, G.A. Swan, 1999, **herb. G.A.S.**, det. T.D. Pennington. 2nd confirmed record.

†84/1.8. *EPILOBIUM CILIATUM* \***113(A)**, Channel Is. (Alderney): Established along verge, in Le Petit Val, WA567078, B. & J. Bonnard, 1986, det. D. McClintock.

84/1.8×9. *EPILOBIUM* × *FOSSICOLA* (*E. CILIATUM* × *E. PALUSTRE*) \***46**, Cards.: Marsh by Forestry road, 2.5km NNE of Nant-y-maen, Tywi Forest, SN775604, A.O. Chater & R.D. Pryce, 2001, **NMW**, conf. G.D. Kitchener. \***68**, N. Northumb.: Marshy, sandy ground behind golf-course, Alnmouth, NV248104, G.D. Kitchener, 2000.

†84/1.9. *EPILOBIUM PALUSTRE* \*†**113(A)**, Channel Is. (Alderney): Probably casual only, in quarry, Mannez, WA603088, B. Bonnard, 1992, det. D. McClintock.

†84/4.1×3. *OENOTHERA* × *FALLAX* (*O. GLAZIOVIANA* × *O. BIENNIS*) \***39**, Staffs.: Disused railway track, Doxey Marshes, Stafford, SJ916235, J.P. Martin, 1987. Demolished factory, by canal towpath, Wordsley, S of Kingswinford, SO892859, B.R. Fowler, 1987. 1st records.

†84/4.1×3. *OENOTHERA GLAZIOVIANA* × *O. BIENNIS* (and/or *O. CAMBRICA*) \***44**, Carms.: Dunes, between Pembrey Forest and the sea, SN3800, F.H. Webb, 1978, **NMW**, det. J.C. Bowra. Previously det. as *O. erythrosepala*.

†84/4.3×4. *OENOTHERA BIENNIS* × *O. CAMBRICA* \***49**, Caerns.: Roadside, Betws-y-Coed, SH791568, J. & H. Lowell, 2001, **MANCH**, det. J. Bowra.

†84/4.5. *OENOTHERA STRICTA*. \***45**, Pems.: 2 patches in sand dunes, Poppit Sands, SN153485, S.B. Evans, 2000. Disturbed sandy ground, B4327 S of Crabhall Farm, SM808070, S.B. & A.E. Evans, 2000. 1st & 2nd records. \***49**, Caerns.: Base of old sand dune, S of new marina, Pwllheli, SH3834, A. Burns & A.P. Conolly, 2001, **LTR**, det. C.A. Stace.

†85/1.3. *CORNUS ALBA* \***46**, Cards.: Suckering along hedge, 100m N of Rhydowen crossroads, SN443453, A.O. Chater, 2000, **NMW**. 1st seen 1992 & erroneously recorded as *C. sericea*. Only extant site.

†85/2.1. *AUCUBA JAPONICA* \***113(S)**, Channel Is. (Sark): Seeded from (planted) bushes at top of bank, by damp ground near stream at foot of steep bank among trees. Petit Dixcart, WV468753, R.M. Veall, 1999, **herb. Société Sercquaise**. 1st Channel Is. record.

†85/3.1. *GRISELINIA LITTORALIS* \***52**, Anglesey: Single bush on edge of woodland, presumably planted, Menai Bridge, SH5571, I.R. Bonner, 2001.

89/1.1. *ILEX AQUIFOLIUM* \*†**113(A)**, Channel Is. (Alderney): A few plants 'in the wild' and at Island Hall, WA573073, B. Bonnard, 1988. Pollen present in the ancient peat, but probably planted in historic times.

†91/2.5. *EUPHORBIA DULCIS* \***91**, Kincards.: Riverbank, Glenbogle, NO655956, D. Welch, 2001, **herb. D.W.**

91/2.7. *EUPHORBIA SERRATULA* †**1**, W. Cornwall: Becoming established on disused rubbish tip, Newham, Truro, SW833432, M.J. Stribley, 2001, det. P.R. Green.

91/2.12. *EUPHORBIA PORTLANDICA* \***6**, N. Somerset: Crack in garden path, Winford, ST542648, M. Webster, 1999, **herb. I.P. Green**, det. A. Radcliffe-Smith. Still there in 2000.

91/2.15. *EUPHORBIA CYPARISSIAS* †**46**, Cards.: Naturalised in Llanilar churchyard, SN623751, A.O. Chater, 2001, **NMW**. 1st recent record. \*†**113(A)**, Channel Is. (Alderney): Garden escape at several sites, as at Crabby, WA572080, B. Bonnard, 1986, det. D. McClintock.

†91/2.16b. EUPHORBIA AMYGDALOIDES subsp. ROBBIAE \*42, Brecks.: Escaped along lane bank, Tregraig Road, Bwlch, SO152221, M. & C. Porter, 2001. \*99, Dunbarton: Foot of hedge, Helensburgh, NS2882, A. Rutherford, 1998.

†91/2.17a. EUPHORBIA CHARACIAS subsp. CHARACIAS \*29, Cambs.: 10 large plants in full bloom amongst *Conium maculatum* and *Cardaria draba*, on bank (created c.1997) on slip road, near Quy Water, TL504594, G. Crompton, 2000. 5 plants, either at or on the base of tall brick wall, behind Drummer Street bus station, Cambridge, TL452586, A.C. Leslie, 2001. 1st & 2nd records.

†91/2.17b. EUPHORBIA CHARACIAS subsp. VENETA \*49, Caerns.: Wall, Great Orme, Llandudno, SH7782, G.H. Battershall, 2000.

†91/2.myr. EUPHORBIA MYRSINITES \*29, Cambs.: Several plants, bank of rough ground on edge of arable, Wicken, TL572713, G.M.S. Easy, 1998, **herb. G.M.S.E.** Several plants established on old dumped soil at edge of old railway track, Histon, TL431636, A.C. Leslie, 2001. 1st & 2nd records.

†92/2.obl. EUPHORBIA OBLONGATA \*29, Cambs.: Roadside, E side of Church Lane in the area known as 'The Smythy', Kingston, TL345553, P. Reynolds, 1999, conf. P.D. Sell.

94/1.1. LINUM BIENNE †39, Staffs.: Patches on two small banks in dry grassland and along edge of a path, Coal Pool, Walsall, SP015998, M.W. Poulton, 2001. Only extant site.

†94/1.2. LINUM USITATISSIMUM \*99, Dunbarton: Landscaped area, Pier-head, Helensburgh, NS2982, A. Rutherford, 1998.

†94/1 fla. LINUM FLAVUM \*39, Staffs.: A patch on a former railway line, Gospel Oak, SO9694, M.W. Poulton, 2001, conf. E.J. Clement. 1st British record.

†94/1 gra. LINUM GRANDIFLORUM \*51, Flints.: Disturbed ground, Melyd Avenue, Prestatyn, SJ063817, J. Phillips & P. Ingham, 2001.

94/2.1. RADIOLA LINOIDES 44, Carms.: Accreting sandy 'nose' at E end of Burrows, Pembrey Saltings LNR, SS433993, M.V. Prosser & H.L. Wallace, 1998. 1st recent record.

†98/1.ind. AESCULUS INDICA \*29, Cambs.: Many self-sown seedlings on garden wall, Bray's Lane car park, Ely, TL5480, R.M. Payne, 2001, det. K.A. Beckett.

†99/1.5. ACER SACCHARINUM \*29, Cambs.: Single seedling (from large planted tree in garden opposite) in railed area outside King's College hostel, Fitzwilliam Street, near corner with Tennis Court Road, Cambridge, TL450579, P.H. Oswald, 1999.

†100/1.1. RHUS TYPHINA \*42, Brecks.: Road bank, Llangammarch Wells, SN936473, M. & C. Porter, 2001. \*58, Cheshire: Probably planted, in hedgerow, Bromborough Port, SJ353835, R. Goodchild, 2000. \*113(S), Channel Is. (Sark): Established and suckering, on roadside bank, The Avenue, WV467759, R.M. Veall, 1997, **herb. Société Sercquaise**.

†101/1.1. AILANTHUS ALTISSIMA \*99, Dunbarton: Bank of burn, Central West Helensburgh, NS2982, A. Rutherford, 2000.

†102/1.10. OXALIS DEBILIS \*44, Carms.: Disturbed coastal dunes, Pembrey Harbour, SN436002, V. & A. Lewis, 2000.

†102/1.13. OXALIS PES-CAPRAE 113(S), Channel Is. (Sark): Established for about 15 years in garden, but not recognised due to frequent mowing, The Avenue near the Post Office, WV466759, M.H. Marsden, 1998, **herb. Société Sercquaise**. Previously recorded only as casual.

†102/1.3. OXALIS CORNICULATA \*113(A), Channel Is. (Alderney): Established at several stations, including damp walls, in St Anne, WA567078, B. Bonnard, 1986, det. D. McClintock.

†102/1.14. OXALIS INCARNATA \*29, Cambs.: Several large patches, apparently naturalised, at base of walls/fences along narrow service alley between houses, in Guest Road & Willis Road, Cambridge, TL459581, A.C. Leslie, 2001.

†103/1.1. GERANIUM ENDRESSII \*113(A), Channel Is. (Alderney): Garden escape along roadside, Valongis, WA581075, B. Bonnard, 1987, det. P. Yeo.

†103/1.1×2. GERANIUM × OXONIANUM (G. ENDRESSII × G. VERSICOLOR) \*29, Cambs.: 1 plant at base of wall, S side of Midsummer Common, Cambridge, TL456581, A.C. Leslie, 1995. \*113 (A), Channel Is. (Alderney): Established in quantity round 2 graves in churchyard, St Anne,

WA574074, B. Bonnard, 1994, det. P. Yeo. \*†**113(S)**, Channel Is. (Sark): Garden escape, on roadside bank outside garden, near Petite Genetière, WV466768, R.M. Veall, 2000, **herb. Société Sercquaise**.

†103/1.1×2×1. GERANIUM × OXONIANUM × ENDRESSII \***113(A)**, Channel Is. (Alderney): Garden escape on grass verge, Route de Picaterre, WA568078, B. Bonnard, 1988, det. P. Yeo.

103/1.4. GERANIUM ROTUNDFOLIUM \***39**, Staffs.: Gravel on grave, churchyard, Sedgeley, SO915936, W.A. Thompson, 1986. Rough ground, Uttoxeter Racecourse, SK099334, C. Higginbottom, C.N. Smith & M. Smith, 2001. 1st & 2nd records. \***52**, Anglesey: As a garden weed in thin soil over limestone, not knowingly introduced, Tyn-y-gongl, SH509828, I.R. Bonner, 2000.

103/1.5. GERANIUM SYLVATICUM \***39**, Staffs.: Wooded stream bank, N of Pound Green Common, SO751794, J. Bingham, 1994.

103/1.9. GERANIUM SANGUINEUM \*†**113(S)**, Channel Is. (Sark): Probably planted and surviving, in mound at roadside covered with rough grass (remains of derelict rockery), near Myrtle Cottage near Aval du Creux, WV471759, R.M. Veall, 2000, **herb. Société Sercquaise**, det. P.F. Yeo.

103/1.14. GERANIUM PYRENAICUM \***91**, Kincardines.: Grassland, Arbuthnott, NO/801746, D. Welch, 1999, **ABD**.

103/1.15. GERANIUM PUSILLUM **79**, Selkirks.: A good sized colony, on waste ground by fence, Selkirk Sewage Works, NT473298, R.W.M. Corner, 2001, **herb. R.W.M.C.** 1st localised record. \***113(A)**, Channel Is. (Alderney): Possibly native, in gravel, at Old Barn, Longis, WA594078, M. Long, 1992.

103/1.18. GERANIUM LUCIDUM \*†**113(A)**, Channel Is. (Alderney): Garden escape on roadside bank, in Le Petit Val & Platte Saline, WA568077, P. Selby, 1997.

103/1.20. GERANIUM PURPUREUM \***35**, Mons.: 20m<sup>2</sup> colony among shrubs in children's play area, Blaenavon, SO253085, R. Hewitt, 2000, **NMW**, det. T.G. Evans.

†103/13×pla. GERANIUM × MAGNIFICUM (G. IBERICUM × G. PLATYPETALUM) \***113(A)**, Channel Is. (Alderney): Garden escape, Platte Saline, WA569079, B. Bonnard, 1986, det. P. Yeo.

103/2.2. ERODIUM MOSCHATUM \*†**47**, Monts.: Casual only on roadside by gate into pasture, Berriew, SJ189009, P.M. Benoit & C.A. Small, 2001. Growing with *Ceratochloa carinata*: both probably the result of original garden dumping.

105/1.1. IMPATIENS NOLI-TANGERE **79**, Selkirks.: Dominant over 100×5m, of riverside under *Salix purpurea*, S side of R. Ettrick above road bridge, Victoria Park, Selkirk, NT461284, R.W.M. Corner, 2001, **herb. R.W.M.C.** 2nd extant site.

†105/1.2. IMPATIENS CAPENSIS **50**, Denbs.: Streamside, Iscoed, SJ488442, G. Kay, 2001. 2nd record.

†106/1.1. HEDERA COLCHICA \***58**, Cheshire: Whaley Bridge, SK004810, W.A. Thompson, 2001.

106/1.2b. HEDERA HELIX subsp. HIBERNICA \***35**, Mons.: E wall of churchyard, Penhow Castle, ST424908, T.G. Evans, 2000, **NMW**. Climbing trees on bank of R. Usk, Glebelds recreational ground, Newport, ST315902, T.G. Evans, 2000. 1st & 2nd records for subsp.

†106/1.azo. HEDERA AZORICA Carrière \***29**, Cambs.: Growing over the farmhouse and the neighbouring trees and ground, (leaves up to 15cm across), Abbey Farm, Histon, TL433640, H. Belcher & E. Swale, 2001, det. P.D. Sell.

†106/2.2. ARALIA ELATA \***44**, Carms.: Suckering freely down steep, shaded, roadside bank, Nant-Gwilw, Llanfynydd, SN534268, V. & A. Lewis, 2000. \***113(A)**, Channel Is. (Alderney): Probably planted in a field, in Bluestone Hill, WA586075, B. Bonnard, 1989.

†107/1.ran. HYDROCOTYLE RANUNCULOIDES \***39**, Staffs.: Partly covering small pond to the N of fishing lake, Biddulph Grange Country Park, Biddulph, SJ898590, J.E. Hawksford, 1999. Beginning to colonise another small pond to the S of the lake, Biddulph Grange Country Park, Biddulph, SJ899592, J.E. Hawksford, 2000. 1st & 2nd records. \***47**, Monts.: Off-line reserve pool constructed by British Waterways, Wern Clay-pits, Arddlin, SJ252141, C.D. Preston, 2000. Pool drained and plants removed.

†107/4.1. *ERYNGIUM GIGANTEUM* \*50, Denbs.: 30 plants on waste soil by new cycle track, Llandulas, SH918783, W. McCarthy & M. Stead, 2000, **NMW**.

107/6.2. *ANTHRISCUS CAUCALIS* 66, Co. Durham: Probably introduced with sand, on pathside near bowling green, Bishop Auckland, NZ22, P.S. & G.G. Graham, 2000. 1st recent record.

107/7.1. *SCANDIX PECTEN-VENERIS* 29, Cambs.: 4-5 plants at edge of cornfield, Parson Drove, TL372098, D.A. Wells, M. Stokes & L. Brown, 1998. 2nd recent record.

107/19.1. *OENANTHE FISTULOSA* 50, Denbs.: Ditches near sea, Abergele, SH963783, J.A. Green, 2001. 1st recent record.

107/19.3. *OENANTHE PIMPINELLOIDES* \*39, Staffs.: Scattered, with several specimens following a damp area down both sides of a hill, Coal Pool, Walsall, SP015998, M.W. Poulton, 2001.

107/20.1. *AETHUSA CYNAPIUM* †113(A), Channel Is. (Alderney): Casual in churchyard, by Queen Elizabeth II street gate, St Anne, WA574074, B. Bonnard, 1993. 2nd & 1st recent record.

†107/21.1. *FOENICULUM VULGARE* 99, Dunbarton: Shore above HWM, East Helensburgh, NS3181, A. Rutherford, 2001. 2nd record.

†107/26.1. *BUPLEURUM FRUTICOSUM* \*29, Cambs.: 1 plant on pavement, several more in garden hedge, (parent in garden), Maids Causeway, Cambridge, TL455588, A.C. Leslie, 2001.

107/29.2. *PETROSELINUM SEGETUM* \*†113(A), Channel Is. (Alderney): Casual on path, down to Houmet Herbé from road, WA605086, B. Bonnard, 1990.

†107/30.1. *SISON AMOMUM* 44, Carms.: Several plants (casual only) on top of rough bank, with *Scrophularia scorodonia*, old mineral railway, Ty Mawr, Pembrey, SN417029, V. & A. Lewis, 2001. 2nd record

†107/37.2. *ANGELICA ARCHANGELICA* \*99, Dunbarton: Tide-line with *Atriplex*, etc., Craigendoran Bay, NS3181, A.McG. Stirling, 1998.

107/43.1. *TORILIS JAPONICA* 113(A), Channel Is. (Alderney): South cliffs, Bluestone Bay, WA585067, G. Higgs, 1980, det. D. McClintock. 1st recent record.

†107/44.1b. *DAUCUS CAROTA* subsp. *SATIVUS* \*113(A), Channel Is. (Alderney): Patch (casual only) flowering in corner of a rough field, on Grand Blaye, WA580069, B. Bonnard, 1995.

108/3.2. *CENTAURIUM ERYTHRAEA* 80, Roxburghs.: Forestry track, Wauchope Forest, Bonchester Bridge, NT559053, J. & E. Allan, 2000, **herb. R.W.M. Corner**. 2nd extant site.

108/5.2. *GENTIANELLA CAMPESTRIS* 46, Cards.: 453 plants in pasture, near Bronnant, SN66, S.D.S. Bosanquet & D.K. Reed, 2001. 1st recent record & only extant site.

108/5.4c. *GENTIANELLA AMARELLA* subsp. *SEPTENTRIONALIS* 95, Moray: Sand dunes, Roseisle Forest, Burghead, NJ109664, I.P. Green & A. Stevenson, 2000. 1st recent record.

†110/1.1. *NICANDRA PHYSALODES* \*52, Anglesey: Garden weed, presumed from birdseed, Penlon, Newborough, SH432647, B. Woodward, 2001. \*113(S), Channel Is. (Sark): La Seigneurie Garden, WV463765; near Mill Lane (S of Beaulieu), WV464757; both established in gardens (unintentionally introduced), R.M. Veall, 2001, **herb. Société Sercquaise**. 1st & 2nd records.

†110/6.per. *PHYSALIS PERUVIANA* \*99, Dunbarton: 9 plants, on shingle shore in strand line with *Lycopersicon*, East Helensburgh, NS3081, A. Rutherford & A.McG. Stirling, 1998, **E**, conf. E.J. Clement.

†110/8.3. *SOLANUM PHYSALIFOLIUM* \*41, Glam.: 2 plants in *Brassica* field, Rhossili Viel, SS413826, Q.O.N. Kay, 2001. \*46, Cards.: Casual, one plant on waste ground in boat-building yard, Ynys-las, SN616932, W. McCarthy & BSBI Field Meeting, 2000. 1 plant, casual only, in unsprayed strip at edge of maize field, 250m N of Waungelod, Gwbart, SN168487, A.O. Chater, 2001, **NMW**. 1st & 2nd records.

†110/8.ros. *SOLANUM ROSTRATUM* \*93, N. Aberdeen: Heap of bulldozed earth at abandoned farm, Piriesmill, Huntley, NJ537401, D. Welch, 1999, **herb. D.W.**, conf. E.J. Clement.

†110/8.vil. *SOLANUM VILLOSUM* \*58, Cheshire: Landfill, Bebington, SJ347788, R. Goodchild, 2001.

†110/9.1. *DATURA STRAMONIUM* var. *TATULA* \*113(A), Channel Is. (Alderney): Over 20 plants in recently tipped soil by railway station, Braye, WA577081, B. Bonnard, 2001, det. M. Long. Probably long dormant seed; there again 2002.

†110/9.fer. *DATURA FEROX* \*35, Mons.: 1 plant in garden bed, farm-manured previous year, Newton Green, Mathern, ST518918, T.G. Evans & K.C. Jones, 2001. 1 plant in cultivated soil near wild-bird feeding station, Llanccwm, Llanvair Discoed, ST450915, C.W. Thomas, 2001. 1st & 2nd records. \*64, Mid-W. Yorks.: Rubbish tip, Esholt, SE178398, B.A. Tregale & M. Wilcox, 1999.

†110/CAP.ann. *CAPSICUM ANNUUM* \*29, Cambs.: Tip, Romsey, TL479577-480577, G.M.S. Easy, 1982, **herb. G.M.S.E.**

†110/NIC.ala. *NICOTIANA ALATA* \*113(A), Channel Is. (Alderney): 1 plant (garden escape) in hedge, Barrackmaster's Lane, WA592078, B. Bonnard, 1988, det. D. McClintock.

†110/PET.axi×hyb. *PETUNIA* × *HYBRIDA* (*P. AXILLARIS* × *P. INTEGRIFOLIA*) \*47, Monts.: Casual pavement weed in town, Welshpool, SJ2207, R. Palmer, 2001. \*99, Dunbarton: Lane side, Milton, Dumbarton, NS4074, A. Rutherford, 1998. Over 25 plants, Clyde Street, East Helensburgh, NS3081, A. Rutherford, 2001. 1st & 2nd records.

111/3.2×4. *CALYSTEZIA* × *LUCANA* (*C. SEPIUM* × *C. SILVATICA*) \*39, Staffs.: W verge of A513, Stafford, SJ931249, R.H. Woodall, 2001.

†111/3.3. *CALYSTEZIA PULCHRA* \*45, Pemsbs.: Abundant on roadside hedge bank, Park Stone, New Moat, SN054223, S.B. & A.E. Evans, 2001. Ruderal on edge of small tip, SW of Hazel Mill House, Hazelbeach, SM942051, S.B. Evans, 2001. 1st & 2nd records.

†111/3.4. *CALYSTEZIA SILVATICA* 91, Kincards.: Grassland above coastal cliffs, Stonehaven, NO885874, D. Welch, 2001. 1st recent record.

113/2.1. *NYMPHOIDES PELTATA* \*†113(A), Channel Is. (Alderney): Several seedlings in Concrete tank on Essex hill, WA594074, B. & J. Bonnard, 1987, det. D. McClintock. Persisted 3 years only.

†115/1.1. *PHACELIA TANACETIFOLIA* \*49, Caerns.: Base of tree, High Street car-park, Bangor, SH5771, A. Mundell, 2000. \*113(A), Channel Is. (Alderney): Remnant of fodder crop in field, in Le Grand Val, WA564068, B. Bonnard, 1994. In Bracken, on Les Rochers, WA583077, B. Bonnard, 1998. 1st & 2nd records.

116/11.1. *MERTENSIA MARITIMA* 91, Kincardines.: Gravelly shore, Nigg Bay, NJ9604, B. Balinger, 1996. 1st recent record.

†116/12.2. *AMSIKIA MICRANTHA* \*67, S. Northumb.: In grass near museum building, Woodhorn Colliery Museum, NZ290885, J.M. Humphris, 2000, **herb. G.A.S.** \*91, Kincardines.: Tipped soil for bank repairs, St Cyrus, NO725622, D. Welch, 1998, **ABD.**

†116/13.1. *PLAGIOBOTHRYIS SCOULERI* \*39, Staffs.: Several small plants on bare mud, floor of disused quarry, Cannock Chase, SJ975190; A few specimens, edge of pool, a short distance away, Cannock Chase, SJ974192; both G.M. Kay, P. Newton & J.H. Clarke (BSBI Meeting), 2001. 1st & 2nd records.

116/15.1×4. *MYOSOTIS* × *SUZAE* (*M. SCORPIOIDES* × *M. LAXA*) \*43, Rads.: A scrambling plant on stony shore, Llanbwchllyn, SO118463, S.P. Chambers, 1998, conf. A.O. Chater.

116/15.4a. *MYOSOTIS LAXA* subsp. *CAESPITOSA* \*113(A), Channel Is. (Alderney): Possibly native, in damp place, in Baxter's Valley, WA556062, B. Bonnard, 1988, det. D. McClintock.

†116/16.1. *OMPHALODES VERNA* \*29, Cambs.: Several plants in flower over a long stretch of wall, The Range, Ely, TL5380, R.M. Payne, 2001. Not seen in any of the cottage gardens opposite the wall.

116/2.2. *ECHUM PLANTAGINEUM* †113(A), Channel Is. (Alderney): 5 casual plants in tipped soil, Platte Saline, WA569079, B. Bonnard, 1996. 2nd & 1st recent record.

†116/4.2. *SYMPHYTUM ASPERUM* \*77, Lanarks.: Allanton coal bing, Hamilton, NS7453, P. Macpherson & Hamilton Nat. Hist. Soc. 2001, **herb. P.M.**, det. F.H. Perring.

†116/4.4. *SYMPHYTUM GRANDIFLORUM* \*39, Staffs.: Grass verge, trackside, Ashley, SJ753368, J.E. Hawksford, 1999. \*43, Rads.: Roadside verge, between Brynwrn Bridge and The Bog, Newbridge-on-Wye, SO019569, R.G. Woods, 1996. \*79, Selkirks.: Naturalised colony, on roadside bank, Philip Haugh, Selkirk, NT458288, P. Macpherson, 2001, **herb. P.M.**, det. F.H. Perring.

†116/4.6. SYMPHYTUM ORIENTALE \*41, Glam.: Many plants on sea-front waste ground, Langland, SS605874, A.S. Lewis, 2001.

†116/5.1. BRUNNERA MACROPHYLLA \*29, Cambs.: 1 flowering plant at base of wall along path called Mackerel Hall, Royston, TL350407, A.C. Leslie, 2001.

†116/8.1. PENTAGLOTTIS SEMPERVIRENS \*113(A), Channel Is. (Alderney): Established on verge, near Fort Quesnard, WA604090, B. Bonnard, 1986, det. D. McClintock.

†116/LAP.squ. LAPPULA SQUARROSA \*29, Cambs.: Newnham, TL45, C.E. Moss, 1911, CGE, det. A.O. Chater. Near farm buildings, New Farm, Whittlesford, TL452489, G.M.S. Easy, 1994, **herb. G.M.S.E.** 1st & 2nd records.

†116/NON.lut. NONEA LUTEA 29, Cambs.: Weed in gardens, Landbeach Road, Milton, TL4763, G.M.S. Easy, 1980s-1990s. 1st recent record.

†118/1.2. STACHYS BYZANTINA 44, Carms.: 1 clump halfway down seawall, Pembrey Harbour, SS436999, V. & A. Lewis, 2001. 2nd record. \*46, Cards.: Abundantly naturalised in pasture, S of Wallog garden, SN590856, A.O. Chater, 2000. \*58, Cheshire: Casual only, on waste ground, Bromborough Port, SJ392839, R. Goodchild, 2000. \*64, Mid-W. Yorks.: Sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE2538, B.A. Tregale & M. Wilcox, 2001.

118/1.5×6. STACHYS × AMBIGUA (S. SYLVATICA × S. PALUSTRIS) 45, Pembs.: Porthgain, SM816323, J. Partridge, 2001. 1st recent record.

†118/1.ann. STACHYS ANNUA \*44, Carms.: Roadside E of Morfa roundabout, Llanelli, SS518917, I.K. Morgan, 2000, NMW, det. G. Hutchinson.

†118/13.rac×nep. NEPETA × FAASSENII (N. RACEMOSA × N. NEPETELLA) 50, Denbs.: Pathside, Rhyd y Foel, SH914772, WFS group, 2000. 2nd record. \*51, Flints.: In long grass in coastal dunes, E of Prestatyn Golf Course, SJ088841, J.A. Green, 2000.

†118/16.1. MELISSA OFFICINALIS \*113(S), Channel Is. (Sark): Probably from introduced soil used to build up a, bank forming field boundary, Le Grand Fort, WV467769, R.M. Veall, 2000, **herb. Société Sercquaise**.

118/18.2. CLINOPODIUM ASCENDENS 39, Staffs.: Abundant on southern slopes of mound, Tutbury Castle, where it was last recorded in 1844, SK209290, M.E. Smith, 2001. 1st recent record.

118/18.4. CLINOPODIUM VULGARE 91, Kincardines.: Pathside along old railway, Crathes, NO736961, D. Welch, 1997. 2nd extant site.

118/20.1. ORIGANUM VULGARE \*†99, Dunbarton: Probable garden escape, on wall-top, East Helensburgh, NS3081, A. Rutherford, 2001.

118/21.2. THYMUS PULEGIOIDES 49, Caerns.: Recently widened roadside, Cancoed, Roman Bridge, SH712511, J. & H. Lowell, 2001. 1st recent record.

118/23.1×3. MENTHA × GRACILIS (M. ARVENSIS × M. SPICATA) 5, S. Somerset: Several plants on S shore of reservoir, Clatworthy Reservoir, ST032307, P.R. Green, 2001. 1st recent record.

118/23.3×lon. MENTHA × VILLOSONERVATA (M. SPICATA × M. LONGIFOLIA) \*113(A), Channel Is. (Alderney): Waste ground along railway line, Longis Common, WA594085, O. Johns, 1980, det. R.M. Harley.

118/23.4. MENTHA SUAVEOLENS \*†29, Cambs.: 1 huge plant, old railway sidings, March, TL413991, G.M.S. Easy, 1994, 1996 & 2000, **herb. G.M.S.E.** & CGE. Survives despite bulldozing operations.

118/23.5. MENTHA PULEGIUM 52, Anglesey: Rushy pasture, near Traeth Lligwy, SH4987, W. McCarthy & M. Stead, 2000, det. R.M. Harley. 2nd & 1st recent record.

†118/25.off. SALVIA OFFICINALIS \*29, Cambs.: Single small casual plant, on low wall, St Eligius Street, Cambridge, TL452574, P.H. Oswald, 1999, Now gone, parent a large plant in adjacent garden. \*58, Cheshire: Casual only, on waste ground, Bromborough Pool, SJ351812, R. Goodchild, 2000.

†118/4.1c. LAMIASTRUM GALEOBDOLO subsp. ARGENTATUM, 113(A), Channel Is. (Alderney): Established in churchyard and St Vignalis' Garden, St Anne, WA574074, B. Bonnard, 1993, det. D. McClintock. 2nd record.



- 118/5.4. *LAMIUM HYBRIDUM* \*†42, Brechs.: Swede field, 1.5km SE of Garth, SN963489, M. & C. Porter, 2000.
- 118/5.6. *LAMIUM AMPLEXICAULE* †42, Brechs.: Base of wall in car-park, Brecon, SO046284, P. Sinnadurai, 2000. 2nd record.
- †118/7.1. *PHLOMIS RUSSELLIANA* \*29, Cambs.: Waste ground near industrial estate, Chesterton, TL472609, G.M.S. Easy, 2001. Destroyed in 2002.
- †118/7.2. *PHLOMIS FRUTICOSA* \*29, Cambs.: Still survives at rail edge, Shepreth/Meldreth, TL387475, G.M.S. Easy, 2001.
- 120/1.6. *CALLITRICHE BRUTIA* \*113(S), Channel Is. (Sark): On mud at end of pond, Grand Dixcart dew-pond, WV463752, R.M. Veall, 2000, **herb. Société Sercquaise**, det. R. Lansdown.
- †122/1.2. *BUDDLEJA DAVIDII* \*93, N. Aberdeen: Former sand-pit, Pitmedden, NJ/898271, D. Welch, 1999.
- †122/1.2×3. *BUDDLEJA* × *WEYERIANA* (B. *DAVIDII* × B. *GLOBOSA*) \*113(A), Channel Is. (Alderney): Apparently self-sown in scrub, Newtown Road, WA582077, B. Bonnard, 1987, det. D. McClintock.
- †122/1.3. *BUDDLEJA GLOBOSA* \*113(A), Channel Is. (Alderney): Garden escape in scrub, on Essex Hill, WA594078, B. & J. Bonnard, 1986, det. D. McClintock.
- 124/1.12. *VERBASCUM LYCHNITIS* 29, Cambs.: Railway sidings, numerous plants in area of sheds and old track, Chesterton, Milton, TL4760, G.M.S. Easy, 2000. Railway sidings, c.1350 plants incl. c.100 flowering and 10 'skeletons' from 1999, March, TL413985, G.M.S. Easy, 2000, **herb. G.M.S.E.** 1st & 2nd recent records.
- 124/1.2×11. *VERBASCUM VIRGATUM* × *V. PULVERULENTUM* \*29, Cambs.: Several plants scattered in waste ground, Chesterton railway sidings, TL477611, G.M.S. Easy, 2001.
- 124/1.2×9. *VERBASCUM VIRGATUM* × *V. NIGRUM* \*29, Cambs.: 1 plant, old railway sidings, March, TL413993, G.M.S. Easy, 2001.
- †124/1.4. *VERBASCUM BOMBYCIFERUM* \*64, Mid-W. Yorks.: Probably introduced with foreign seed during landscaping, of roadside bank, Aberford, SE438368, Leeds Naturalists' Club, 2001, det. P.P. Abbott.
- 124/1.5×11. *VERBASCUM PHLOMIOIDES* × *V. PULVERULENTUM* \*29, Cambs.: Several plants scattered, with both parents, at Chesterton railway sidings, TL477612, G.M.S. Easy, 2000, **herb. G.M.S.E.**
- 124/1.7×11. *VERBASCUM* × *GODRONII* (*V. THAPSUS* × *V. PULVERULENTUM*) \*29, Cambs.: With *V. thapsus* on disused trackway on waste ground, Milton, TL476620, G.M.S. Easy, 1984. Waste ground, Chesterton railway sidings, TL477610, G.M.S. Easy, 1994. 1st & 2nd records.
- 124/1.7×12. *VERBASCUM* × *THAPSI* (*V. THAPSUS* × *V. LYCHNITIS*) \*29, Cambs.: 11 flowering plants & many rosettes, with both parents, railway sidings, March, TL413985, G.M.S. Easy, 2000 & 2001, **herb. G.M.S.E.**
- 124/1.9×10. *VERBASCUM NIGRUM* × *V. SPECIOSUM* \*29, Cambs.: Roadside verge, growing near *V. nigrum*, Little Abington, TL535493, G.M.S. Easy, 2001.
- 124/1.9×11. *VERBASCUM* × *MIXTUM* (*V. NIGRUM* × *V. PULVERULENTUM*) \*29, Cambs.: With both parents, railway sidings, March, TL413987, G.M.S. Easy, 1999, **herb. G.M.S.E.**
- †124/1.pho. *VERBASCUM PHOENICEUM* \*77, Lanarks.: Round a long abandoned castle, High house, Biggar, NT0742, P. Macpherson, 2000, **herb. P.M.**, det. E.J. Clement.
- †124/4.2. *MIMULUS GUTTATUS* \*64, Mid-W. Yorks.: Bank of R. Wenning, Clapham Moor, SD739675, P.P. Abbott & G.T.D. Wilmore, 1999. 1st certain record, all earlier records probably *R. × robertsii*.
- †124/4.2×3. *MIMULUS* × *ROBERTSII* (M. *GUTTATUS* × M. *LUTEUS*) \*29, Cambs.: Base of wall, St. Mary's Street, Ely, TL5380, R.M. Payne, 2001, conf. K.A. Beckett.
- 124/5.1. *LIMOSELLA AQUATICA* 5, S. Somerset: Shore of reservoir, Wimblehall Reservoir, SS979306, N.T.H. Holmes, R.V. Lansdown & H. Sambrook, 2001. 2nd record.
- †124/8.1. *CHAENORHINUM ORIGANIFOLIUM* \*49, Caerns.: Base of wall, Great Orme, Llandudno, SH7782, W. McCarthy, 2000.

124/9.1. MISOPATES ORONTIUM **29**, Cambs.: Large colony in gravel behind greenhouse, Girton College, Cambridge, TL425611, Anon & C.J. Cadbury, 2000. 2nd recent record.

†124/10.1. ASARINA PROCUMBENS **\*46**, Cards.: Naturalised on wall in grounds of Ynys-hir Hall Hotel, Eglwys Fach, SN681958, A.O. Chater, 2001, **NMW**.

†124/11.1b. CYMBALARIA MURALIS subsp. VISIANII **\*64**, Mid-W. Yorks.: Disused sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE2538, Bradford Botany Group, 1999, det. E.J. Clement.

124/12.1. KICKXIA ELATINE **39**, Staffs.: Locally frequent, set-a-side, edge of Nash Elm Wood, SO779813, W.A. Thompson & R. Maskew, 1996. 2nd recent record. †**58**, Cheshire: Growing on damp waste ground (casual only), Caldy, SJ228844, R. Goodchild, 2000. 1st recent record.

†124/13.3. LINARIA PURPUREA **\*113(A)**, Channel Is. (Alderney): Growing in stone wall (casual only), in Le Val and near Catholic Cemetery, St Anne, WA576073, A. Tucker, 1983, det. D. McClintock.

124/13.3×4. LINARIA × DOMINII (L. PURPUREA × L. REPENS) **\*29**, Cambs.: 1 plant only in waste ground, Chesterton railway sidings, TL475610, G.M.S. Easy, 2000, **herb. G.M.S.E.** **\*64**, Mid-W. Yorks.: Sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE255384, B.A. Tregale & M. Wilcox, 2001.

124/13.4. LINARIA REPENS **\*†29**, Cambs.: Abundant over c.12 acres, railway sidings, March, TL411998-413996, G.M.S. Easy, 1986 & 1993. Waste ground, Chesterton railway sidings, Milton, TL475608, G.M.S. Easy, 2000, **herb. G.M.S.E.** 1st & 2nd records.

†124/15.1. ERINUS ALPINUS **\*46**, Cards.: Abundantly naturalised on old walls, Portland Road, Aberystwyth, SN585818, R.G. Woods, 2001. **\*91**, Kincards.: Wall of old garden, Glenbervie, NO767805, D. Welch, 1999.

124/16.11×12. VERONICA × LACKSCHEWITZII (V. ANAGALLIS-AQUATICA × V. CATENATA) **\*52**, Anglesey: Margins of Afon Cefni, Malltraeth Marsh, SH4572, I.R. Bonner, 2000.

124/16.12. VERONICA CATENATA **\*†46**, Cards.: 2 plants, casual only, on new verge, by Ysgol Penweddig, Llanbadarn Road, Aberystwyth, SN595811, A.O. Chater, 2001.

124/16.1b. VERONICA SERPYLLIFOLIA SUBSP. HUMIFUSA **49**, Caerns.: Base of rock, E face of Carnedd Llewelyn, SH6864, G.H. Battershall, 2000. 1st recent record.

†124/16.22. VERONICA CRISTA-GALLI **\*H6**, Co. Waterford: Plentiful, on verge either side of road, Carrickbeg, S397210, P.R. Green, 2001.

†124/16.25. VERONICA LONGIFOLIA **\*113(A)**, Channel Is. (Alderney): Garden escape, behind Alderney prison, WA573073, B. Bonnard, 1987, det. D. McClintock.

†124/17.2. HEBE BRACHYSIPHON **\*29**, Cambs.: At least 17 self-sown plants at wall & fence bases, along W side of Chapel Street, March, TL416963, A.C. Leslie, 2001, **CGE**.

124/18.1. SIBTHORPIA EUROPAEA **\*†39**, Staffs.: In many places on the lawns, and sometimes extending over rocks into flower borders, Biddulph Grange Gardens, Biddulph, SJ893592, C.B. Westall, 2000.

124/18.1. SIBTHORPIA EUROPAEA. **\*42**, Brecs.: Marshy grassland, moorland, NE of Brynmawr, Mynydd Llangatwg, SO205135, R.J. Williams, R. Jacques & S.P. Chambers, 2000, conf. A.O. Chater.

124/2.3. SCROPHULARIA UMBROSA **\*†41**, Glam.: In profusion on roadside, near car park of Clydach Bird Reserve, Lower Swansea Valley, SN676033, D. Davies, 1999.

†124/2.5. SCROPHULARIA VERNALIS **64**, Mid-W. Yorks.: 13 plants, on waste ground, Walshford, SE413532, S. Schofield, 1994. Only extant site.

124/20.5×19. EUPHRASIA × VENUSTA (E. ARCTICA × E. SCOTTICA) **\*77**, Lanarks.: Hillside flush, Glenthirston Burn, NT0111, P. Macpherson & E.L.S. Lindsay, 2000, **herb. P.M.**, det. A.J. Silverside.

124/20.5×9. EUPHRASIA ARCTICA × E. SCOTTICA **\*77**, Lanarks.: Flush ESE of burn, Glenthirston Burn, NS0111, P. Macpherson & E.L.S. Lindsay, 2000, **herb. P.M.**, det. A.J. Silverside.

124/20.8. EUPHRASIA MICRANTHA **49**, Caerns.: Several patches on leached limestone grassland, Little Orme, Llandudno, G. Battershall, 1998. 1st recent record.

124/23.1. PARENTUCHELLIA VISCOSA \*†**51**, Flints.: About 40 plants in short, open, wet turf, N corner of Llawndy Farm, Talacre, SJ125846, C.N. Carter, 1996. **64**, Mid-W. Yorks.: Grassland, Kirkstall Valley NR, SE266345, Leeds Urban Wildlife Group, 1993. 2nd extant site. \***110**, Outer Hebrides: Bank of ditch by gate, Bragar, NB298480, R.J. Pankhurst, 2001.

124/25.2b. PEDICULARIS SYLVATICA SUBSP. HIBERNICA \***35**, Mons.: Wet heath, Pontllanfraith, ST167963, M.A.R. Kitchen, 2001.

†125/1.2. LATHRAEA CLANDESTINA **5**, S. Somerset: Large patch, at base of willow in damp woodland, Wayford Woods, Wayford, ST400064, I.P. Green, 2000. 2nd record & only extant site.

†127/1.1. ACANTHUS MOLLIS \***113(A)**, Channel Is. (Alderney): 1 established plant flowering in scrub, on La Giffoine, WA556065, B. Bonnard, 1998.

†129/1.10. CAMPANULA POSCHARSKYANA \***113(A)**, Channel Is. (Alderney): Naturalised garden escape on several old walls, in St Anne, WA575075, B. Bonnard, 1988, det. D. McClintock. Established in top and crevices in several stone walls, in St Anne, WA575075, B. Bonnard, 1994. 1st & 2nd records.

†129/1.9. CAMPANULA PORTENSCHLAGIANA \***113(A)**, Channel Is. (Alderney): Established on several old walls, in St Anne and round museum, WA576072, B. Bonnard, 1986, det. D. McClintock.

†130/5.ori. ASPERULA ORIENTALIS \***29**, Cambs.: Old pit now used for rubbish, Kennett Heath, TL694695, G.M.S. Easy, 1996, **herb. G.M.S.E.** \***44**, Carms.: Neglected garden area, formerly wooded, Cwmffrwd, SN425170, D. Poulter, 2001, **NMW**, det. G. Hutchinson.

130/6.13. GALIUM TRICORNUTUM **29**, Cambs.: 2 plants in fruit on new roadside verge, N side of new road to Little Abington, TL527497, G.M.S. Easy, 1996, **herb. G.M.S.E.** Only extant British site?

130/6.6×7. GALIUM × POMERANICUM (G. VERUM × G. MOLLUGO) \***39**, Staffs.: Many plants, with parents, in dry grassland, Coal Port, Walsall, SP014998, M.W. Poulton, 2001.

130/6.7a. GALIUM MOLLUGO subsp. MOLLUGO \***58**, Cheshire: Demolished factory, Portwood, Stockport, SJ904914, G.M. Kay & L. Worthington, 2001. Old railway, Thurstaston, SJ237836, G.M. Kay, 2001. 1st & 2nd records.

131/1.4. SAMBUCUS EBULUS **50**, Denbs.: Rhyd y Meudwy, SJ120507, BSBI group, 2001. 1st recent record.

131/2.1. VIBURNUM OPULUS **91**, Kincards.: Roadside in semi-natural woodland, Glenbogle, NO662957, D. Welch, 2001. Only extant site.

†131/2.3. VIBURNUM TINUS \***29**, Cambs.: Bassingbourn, TL34, P.D. Sell, 1991. 1 plant at thrush roost site, railway sidings, Chesterton, TL467613, G.M.S. Easy, 2000, **herb. G.M.S.E.** 1st & 2nd records; the latter the 1st for self/bird sown plants.

†131/2.4. VIBURNUM RHYTIDOPHYLLUM \***46**, Cards.: Suckering in mixed estate woodland, Old Cilgwyn, Adpar, SN315414, A.O. Chater, 1998.

†131/3.1. SYMPHORICARPOS ALBUS **44**, Carms.: Fruiting seedling in mortar of stone wall adjoining chapelyard, Christian Temple, Ammanford, SN631123, V. & A. Lewis, 2000. 1st record of self-sown plant.

†131/6.1. LONICERA PILEATA \***29**, Cambs.: 2 bird-sown plants at base of walls, in Trafalgar Road, Cambridge, TL454594, A.C. Leslie, 2001. 1 plant on old St Ives railway track, and 3 plants on railway tracks, Chesterton railway sidings, TL4661, A.C. Leslie, 2000, **herb. A.C.L.** 1st & 2nd records.

†131/6.3. LONICERA INVOLUCRATA \***29**, Cambs.: 1 bird-sown plant c.45cm tall (and having flowered) rooted under old railway line, Histon, TL430636, A.C. Leslie, 2001.

†131/6.6. LONICERA JAPONICA \***29**, Cambs.: Established in gravel pit, Milton, TL479623, G.M.S. Easy, 1970+. Hedgerow at Fen Road end of sidings, Chesterton railway sidings, TL4761, G.M.S. Easy & G. Crompton, 2000. 2nd record, (det. as cv. 'Halleriana')

†131/6.8×etr. LONICERA × ITALICA (L. CAPRIFOLIUM × L. ETRUSCA) \***77**, Lanarks.: Well established in abandoned industrial estate, Shettleston, Glasgow, NS6364, P. Macpherson & Hamilton Nat. Hist. Soc. 2000, **herb. P.M.** det. E.J. Clement.

†131/6.tat. LONICERA TATARICA \*52, Anglesey: Bush overhanging stone wall, by the Menai Strait near Plas Llanfair, SH533710, I.R. Bonner, 2001, **herb. I.R.B.** Presumably originally planted.

†131/WEI.flo. WEIGELA FLORIDA \*99, Dunbarton: Railway embankment, Rhu, NS2983, A. Rutherford, 1989.

132/1.1. ADOXA MOSCHATPELLINA 29, Cambs.: Abundant to dominant all over a 3-acre derelict wood by the river, Little Shelford, TL448524, S. Hearle, 1995. 2nd native site, not seen for over 50 years.

133/1.2. VALERIANELLA CARINATA \*29, Cambs.: Gravel Pits, Landbeach, TL4865, G.M.S. Easy, 1971. 10 plants, on NE side & SE end of Albert St, Cambridge, TL450594, C.D. Preston & P.H. Oswald, 1995. 1st & 2nd records.

133/1.3. VALERIANELLA RIMOSA 1, W. Cornwall: 2 plants at base of rocky outcrop by coastal path N of Hawker's Cove, near Padstow, SW913777, I.J. Bennallick, 1999, conf. D. Pearman. Over 20 plants, on area of rock erosion, on low cliff between arable field and the beach of Harbour Cove, N of Padstow, SW910770, I.J. Bennallick, 2000, conf. R.J. Murphy. 1st & 2nd recent records. 2, E. Cornwall: 6 plants, in Barley field with *Papaver hybridum*, near New Polzeath, SW945791, T.J. Dingle, 2000, conf. R.J. Murphy. 1st recent record.

†133/1.5. VALERIANELLA ERIOCARPA 1, W. Cornwall: Over 20 plants on area of rock erosion on low cliff between arable field and the beach, Harbour Cove, N of Padstow, SW910770, I.J. Bennallick, 2000, conf. R.J. Murphy. Only extant site.

133/2.3. VALERIANA DIOICA 48, Merioneth: In quantity in boggy ground, near Llyn Oror, Gwyddelwern, SJ0847, S.P. Chambers, 1996. Only extant site.

†134/1.2. DIPSACUS SATIVUS \*39, Staffs.: Spoil bank, site of former Birchenwood Brickwork, Kidsgrove, SJ855542, J.E. Hawksford & D.R. Lerner, 1998. Destroyed in 2000. Site of former colliery, Apedale Country Park, Newcastle-under-Lyme, SJ823481, I.J. Hopkins, 1998. 1st & 2nd records.

†134/1.lac. DIPSACUS LACINIATUS \*58, Cheshire: Scrubland, Bidston Moss, SJ284910, V. Gordon, 2001.

†134/2.1. CEPHALARIA GIGANTEA 29, Cambs.: Large patch on trackside ditchbank of the green lane, from Rampton to Histon, TL421682, A.C. Leslie, 1998. 1st recent record.

†135/1.1. ECHINOPS SPHAEROCEPHALUS \*99, Dunbarton: Increasing on railway bank, Cardross, NS3477, A. Rutherford, 1997.

†135/1.1. ECHINOPS BANNATICUS \*99, Dunbarton: Rough waste ground among grass, East Helensburgh, NS3083, A. Rutherford & A.McG. Stirling, 2001.

†135/1.2. ECHINOPS EXALTUS 99, Dunbarton: Rough waste ground, Helensburgh, NS3083, A. Rutherford & A.McG. Stirling, 1998. 2nd record; increasing in 2001.

135/6.3. CIRSIUM DISSECTUM \*47, Monts.: Wet meadows, Dolfor, SO08, C.A. Small, 2000.

135/7.1. ONOPORDUM ACANTHIUM \*†113(A), Channel Is. (Alderney): 4 plants (casual) on derelict land, in Auderville, WA576074, B. Bonnard, 1991, det. D. McClintock. 2 plants (casual) in field, behind Catholic Cemetery, St Anne, WA585074, B. Bonnard, 1994. 1st & 2nd records.

†135/11.cin. CENTAUREA CINERARIA \*113(A), Channel Is. (Alderney): 5 or 6 plants established on top of a high wall, below German Water Tower in Les Mouriaux, WA573074, M.A. R. Kitchen, 1995, det. A.C. Leslie. Still there in 2003.

†135/14.4. ASTER NOVI-BELGII \*110, Outer Hebrides: Roadside, Shawbost, NB258477, R.J. Pankhurst, 2001, **E.**

135/16.3. LEONTODON SAXATILIS \*91, Kincards.: Marsh in coastal grassland, Inverbervie, NO838725, D. Welch, 2001, **herb. D.W.**

135/17.2. PICRIS HIERACIOIDES \*H6, Co. Waterford: 10 plants, on edge of disused tip, Carrick-on-Suir, S410214, P.R. Green, 2001.

135/22.1. LACTUCA SERRIOLA \*†113(A), Channel Is. (Alderney): Established on bank, in Le Petit Val, WA568078, R. Waterman, 1986, det. D. McClintock. Frequent in Platte Saline area in 2002. Several plants, in Butes Lane & La Vallée, WA574076, B. Bonnard, 1989. 1st & 2nd records.

135/22.2. *LACTUCA VIROSA* **50**, Denbs.: Waste ground, Pensarn, SH942786, J.A. Green, 2000. 1st recent record. **58**, Cheshire: Demolished factory, Portwood, Stockport, SJ904914, L. Worthington, 2001. 1st recent record.

[†135/23.2. *CICERBITA MACROPHYLLA* **93**, N. Aberdeen: *Watsonia* **13**: 339 (1981) has been redetermined as *C. plumieri*].

†135/23.3. *CICERBITA PLUMIERI* **\*93**, N. Aberdeen: Old railway, Rothienorman, NJ722355, D. Welch, 1978, **ABD** & 1998.

†135/23.4. *CICERBITA BOURGAEI* **\*29**, Cambs.: One large clump under Lombardy Poplars on the W bank of Quy Water, just S of the Mill, Lode, TL530624, A.C. Leslie, 2001, **CGE**. **\*88**, Mid Perth.: Edge of wood, N side of road, c.0.8km N of Kinnaird House, Balnaguard, NN9850, D.J. McCosh, 2001, det. D.J. McCosh.

135/24.1. *MYCELIS MURALIS* **91**, Kincardines.: Wall of kirkyard, Banchory Devenick, NJ906023, D. Welch, 1998, **ABD**. 1st recent record.

135/25.9. *TARAXACUM DUNENSE* **\*46**, Cards.: Sandy pasture, Glan-gors, Ynys-las, SN608920, A.O. Chater, 1996, **NMW**, det. A.J. Richards.

135/25.11. *TARAXACUM FULVIFORME* **\*113(A)**, Channel Is. (Alderney): Roadside, Route de Crabby, WA574081, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.55. *TARAXACUM BRACTEATUM* **\*113(A)**, Channel Is. (Alderney): Roadside in Longis Road, WA580073, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.85. *TARAXACUM BOEKMANII* **\*113(A)**, Channel Is. (Alderney): Churchyard, St Anne, WA574074, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.92. *TARAXACUM LAMPROPHYLLUM* **\*113(A)**, Channel Is. (Alderney): Field, at Windy Corner, WA570069, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.98. *TARAXACUM PSEUDOHAMATUM* **\*113(A)**, Channel Is. (Alderney): Grassy field, on Les Butes, WA575076, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.111. *TARAXACUM ANCISTROLOBUM* **\*113(A)**, Channel Is. (Alderney): Roadside, Allée ès Fées, WA570073, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.118. *TARAXACUM CHLORITICUM* **\*35**, Mons.: Forest trackside bank, Craig Gwent, ST259999, T.G. Evans, 2001, **NMW**, det. A.J. Richards.

135/25.121. *TARAXACUM CORDATUM* **\*113(A)**, Channel Is. (Alderney): Gutter, by Sea View Hotel, Braye, WA577082, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.128. *TARAXACUM DIASTEMATICUM* **\*35**, Mons.: Rail ballast, Pye Corner, ST275872, T.G. Evans, 2001, det. A.J. Richards.

135/25.130. *TARAXACUM DILATATUM* **\*110**, Outer Hebrides: Waste ground by library, Stornoway, NB423328, R.J. Pankhurst, 1995, **E**, det. A. Dudman.

135/25.131. *TARAXACUM EKMANII* **\*113(A)**, Channel Is. (Alderney): Grave edge, St Anne's Cemetery, WA572073, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.133. *TARAXACUM EXPALLIDIFORME* **\*113(A)**, Channel Is. (Alderney): Grassy bank, on Les Butes, WA575078, R. Cook, 1986, det. A.J. Richards & C.C. Howarth.

135/25.142. *TARAXACUM INCISUM* **\*35**, Mons.: New roadside bank, N. Tredegar, SO134013, T.G. Evans, 2001, **NMW**, det. A.J. Richards.

135/25.143. *TARAXACUM INSIGNE* **\*113(A)**, Channel Is. (Alderney): Cliffs, near the rubbish tip at La Tchue, WA591073, R. Cook, 1986, det. C.C. Howarth.

135/25.162. *TARAXACUM MACROLOBUM* **\*35**, Mons.: Grassy verge, W of A4042, Little Mill, SO317026, T.G. Evans, 2000, **NMW**, det. A.J. Richards.

135/25.163. *TARAXACUM MACULATUM* **\*35**, Mons.: Rail ballast, Pye Corner, ST275872, T.G. Evans, 2001, **NMW**, det. A.J. Richards. Recorded elsewhere only by Merle Marsden in v.c. 34.

135/25.186. *TARAXACUM POLYODON* **\*113(A)**, Channel Is. (Alderney): Roadside at Ladysmith, WA568076, R. Cook, 1986, det. C.C. Howarth.

135/25.198. *TARAXACUM SEMIGLOBOSUM* **\*83**, Midlothian: Waste ground, Leith, NT268766, R.J. Pankhurst, 2001, **E**, det. A.J. Richards.

135/25.204. TARAXACUM SUBEXPALLIDUM \*44, Carms.: Narrow verge on E side of road, north approach to old railway bridge, Glangwili, SN430217, R.D. Pryce, 1997, **NMW**, det. A.J. Richards.

135/25.209. TARAXACUM LEPIDUM \*110, Outer Hebrides: Ravine, Orosay, NF725174, E. Pilling, 1999, **E**, det. A.J. Richards & A. Dudman.

135/25.213. TARAXACUM TENEBRICANS \*35, Mons.: Damp meadow, S of Coed Abergwenllan, SO324065, T.G. Evans, 2000, **NMW**, det. A.J. Richards.

135/25.219. TARAXACUM VASTISECTUM \*35, Mons.: Verge of A472, Pantygasseg, ST256997, T.G. Evans, 2001, **NMW**, det. A.J. Richards.

135/25.akt. TARAXACUM AKTEUM \*35, Mons.: Unimproved meadow over Old Red Sandstone, Fernlea, SO475015, T.G. Evans, 2000, **NMW**, det. A.J. Richards. 1st Welsh record.

135/25.haw. TARAXACUM HAWORTHIANUM \*44, Carms.: Grey dunes, Pembrey Country Park, SS399999, R.D. Pryce *et al.*, 1997, **NMW**, det. A.J. Richards.

†135/26.rub. CREPIS RUBRA \*29, Cambs.: 1 plant in gravel, by Parish Pump, Duck End, Girton, TL420618, H. Belcher & E. Swale, 1996; G. Crompton, 1996, **CGE**. 2nd British record since 1930.

†135/27.6b. PILOSELLA AURANTIACA subsp. CARPATHICOLA \*H6, Co. Waterford: Field bank, Ardmore, X188778, P.R. Green, 2001.

135/28.1. HIERACIUM SABAUDUM \*95, Moray: Woodland, Regulas Wood, S of Forres, NJ001496, V. Jones, 2000.

135/28.3. HIERACIUM RIGENS \*77, Lanarks.: Among vegetation on clinker of long abandoned railway line, Glenboig, NS721683, P. Macpherson, 2000, **herb. P.M.**, det. D.J. McCosh.

135/28.12. HIERACIUM STRICTIFORME \*77, Lanarks.: Pathside between arable fields, W of Uddingston, NS6860, P. Macpherson, 2000, **herb. P.M.**, det. D.J. McCosh.

135/28.19. HIERACIUM EBORACENSE \*47, Monts.: Trackside on MWT Reserve, Llanymynech Rocks, SJ267218, K. Thorne, 2001, det. D.J. McCosh.

135/28.29. HIERACIUM PLACEROPHYLLOIDES 44, Carms.: Small low cliffs, W end of Llyn-y-fan Fach, SN797216, T.C.G. Rich & A.D. Tipper, 1999, **NMW**. 1st recent record.

135/28.72. HIERACIUM DIAPHANUM 29, Cambs.: Group of 20 flowering plants, old railway, Milton, TL474608, G.M.S. Easy, 1995, **herb. G.M.S.E.** 2nd record & only extant site.

135/28.133. HIERACIUM SUBCRASSUM \*64, Mid-W. Yorks.: Top of cliff above R. Wharfe, Boston Spa, SE423463, P.P. Abbott, 1999, det. V. Jones & D.J. McCosh.

135/28.143. HIERACIUM SUBRUDE 91, Kincards.: Boulder clay on raised beach, Stonehaven, NO890882, D. Welch, 2000, **ABD**, conf. D.J. McCosh. 1st recent record.

135/28.arg. HIERACIUM ARGUTIFOLIUM \*29, Cambs.: Shaded piles of cinders & ballast, Whittlesey railway station, TL280962, J.O. Mountford, 1970, **CGE**, det. P.D. Sell.

135/30.1. FILAGO VULGARIS 64, Mid-W. Yorks.: Bare ground (?clinker from furnaces), in grounds of former Kirkstall Forge, Kirkstall, Leeds, SE246368, A.J. Woodall, 1994, det. P.P. Abbott, conf. T.C.G. Rich. Only extant site.

135/30.4. FILAGO MINIMA 66, Co. Durham: Thousands of plants on embankments of disused railway line, near Waskerley, NZ040454, G. Young, 2001, conf. F. Rose. 1st recent record.

135/33.6. GNAPHALIUM LUTEOALBUM 29, Cambs.: 40-50 flowering on bare ground, Chesterton Sidings, Milton, TL475611, G.M.S. Easy, 1999, **herb. G.M.S.E.**, with c.2000 flowering stems in 60×10m in 2000. Still present in quantity in 2002. 1st recent record. \*H6, Co. Waterford: 8 plants, on waste ground, Ringnasilloge, Dungarvan, X254924, I.P. Green, 2001, **DBN**.

†135/34.pet. HELICHRYSUM PETIOLARE \*29, Cambs.: 1 plant self-sown at base of wall (wedged between wall and cobbles), at back of parking area on N side of Melbourne Street, Royston, TL355407, A.C. Leslie, 2001. \*113(A), Channel Is. (Alderney): Several large patches with seedlings established in scrub, Bluestone Hill, WA590078, B. Bonnard, 1994.

†135/35.ocu. INULA OCLUS-CHRISTI \*52, Anglesey: Old asphalt heap, Plas Trefor, Llansadwrn, SH549775, B.F.T. Ducker, 2001, **herb. B.F.T.D.**

†135/40.4a. *SOLIDAGO GIGANTEA* subsp. *SEROTINA* \*113(S), Channel Is. (Sark): A few plants, probably planted or possibly a garden outcast, on verge of unmetalled track, near Petite Genetière, WV466768, R.M. Veall, 2000, **herb. Société Sercquaise**.

†135/40.5. *SOLIDAGO GRAMINIFOLIA* \*4, N. Devon: Very small patch in E verge of forest track, Narracott Plantation, East Putford, SS365186, W.H. Tucker, 2001. 2nd record.

†135/41.3×4. *ASTER* × *VERSICOLOR* (*A. LAEVIS* × *A. NOVI-BELGII*) \*110, Outer Hebrides: Island in lochan, Urgha, NG176996, M.E. & P.F. Braithwaite, 2001, **E**.

†135/41.4×5. *ASTER* × *SALIGNUS* (*A. NOVI-BELGII* × *A. LANCEOLATUS*) \*†44, Carms.: Casual in station approach road, Kidwelly, SN401065, G. Hutchinson, 1993, **NMW**, det. P.F. Yeo. \*110, Outer Hebrides: Tolsta Chalois, NB195385, R.J. Pankhurst, 2001, **E**. \*H6, Co. Waterford: Small patch on bank of R. Suir, Gracedieu, S584136, P.R. Green & I.P. Green, 2001, det. P.F. Yeo.

†135/42.1. *ERIGERON GLAUCUS* 46, Cards.: Sandy sea shingle, 100m SW of Borth Station, SN608900, A.O. Chater, 2000. 2nd record. \*113(A), Channel Is. (Alderney): Frequently established along coastal dunes and seaside garden walls, as near Crabby, WA572080, B. Bonnard, 1986, det. D. McClintock.

†135/43.4. *ERIGERON KARVINSKIANUS* \*29, Cambs.: Wicken Fen, TL57, A.S. Shrubbs, 1875 & 1878, **DHM**. Pavement, outside Cambridge Botanic Garden, TL4557, G.M.S. Easy, 1987. 1st & 2nd records.

†135/43.spe. *ERIGERON SPECIOSUS* \*29, Cambs.: Rail track, Six Mile Bottom, TL578568, G.M.S. Easy, 1994, **herb. G.M.S.E**.

†135/44.2. *CONYZA SUMATRENSIS* \*64, Mid-W. Yorks.: Waste ground, Central Leeds, SE303333, M. Wilcox, 1999. \*113(A), Channel Is. (Alderney): Several plants established in quarry, Mannez, WA603088, M. Long, 2000. Previously overlooked here and at other sites as *C. canadensis*.

†135/44.bil. *CONYZA BILBAOANA* \*29, Cambs.: Garden, Panton St, Cambridge, TL453575, P.D. Sell, 1999. \*H6, Co. Waterford: 1 plant, on waste ground, Ringcrehy, Dungarvan, X250921, P.R. Green, 2001.

†135.45.3. *OLEARIA TRAVERSII* \*113(A), Channel Is. (Alderney): Established and self-seeding (to 7m tall), in old salt resistant hedges, along E coast, St Esquère Bay, WA607087, B. Bonnard, 1987, det. D. McClintock.

†135.45.3. *OLEARIA TRAVERSII* \*113(A), Channel Is. (Alderney): Established and self-seeding (to 7m tall), in old salt resistant hedges, along E coast, St Esquère Bay, WA607087, B. Bonnard, 1987, det. D. McClintock.

†135/45.avi. *OLEARIA AVICENNIIFOLIA* \*113(S), Channel Is. (Sark): From roots or rhizomes of bush on other side of, roadside wall, Clos à Jaôn, WV466762, R.M. Veall, 1999, **herb. Société Sercquaise**, det. R.A. Waterman.

†135/45.avi×mos. *OLEARIA* × *HAASTII* (*O. AVICENNIIFOLIA* × *O. MOSCHATA*). \*41, Glam.: Self-seeded in rock cutting, near The Knab, Mumbles, SS628875, A.S. Lewis, 2000.

135/49.1. *SERIPHIDIUM MARITIMUM* 49, Caerns.: Top of rock on beach, near Tudweiliog, Llyn Peninsula, SH236385, C. Forster-Brown, 2001. 2nd record.

†135/50.6. *ARTEMISIA ARBROTANUM* \*52, Anglesey: Casual, by entrance to car-park, Tywyn Fferam, SH3371, V. & A. Lewis, 2001. \*99, Dunbarton: Shingly sand above HWM, East Bay, Helensburgh, NS3081, A. Rutherford *et al.*, 1998. Disappeared after storm.

†135/50.dra. *ARTEMISIA DRACUNCULUS* \*29, Cambs.: On waste heaps by old cement works chalk pits near railway, Shepreth, TL395483, G.M.S. Easy, 1984. Large numbers around rubbish tip, Witchford rubbish tip, TL495775, G.M.S. Easy, 2000. 1st & 2nd records.

†135/50.lud. *ARTEMISIA LUDOVICIANA* \*29, Cambs.: On recently dumped soil on roadside bank, on N side of old Newmarket Road (A1303) between Quay Water Bridge and Quay Church, TL511595, D.E. Coombe, 1996, conf. J.E. Cullen.

135/55.3. *ANTHEMIS COTULA* 44, Carms.: 1 plant in grazed horse pasture, S of Garn Farm, Mynydd-y-Cerrig, SN513142, I.K. Morgan, 1999. 2nd record.

†135/58.lac×max. *LEUCANTHEMUM* × *SUPERBUM* (*L. LACUSTRE* × *L. MAXIMUM*) \*110, Outer Hebrides: S of B895, North Tolsta, NB5546, L.S. Garrad, 1998.

135/62.1×10. *SENECIO* × *ALBESCENS* (*S. CINERARIA* × *S. JACOBAEA*) \*39, Staffs.: Verge of track adjacent to school playing fields, with *S. jacobaea*, Harpfields, Newcastle-under-Lyme, SJ855457, I.J. Hopkins, 1994. Site since destroyed.

135/62.10×11. *SENECIO* × *OSTENFELDII* (*S. JACOBAEA* × *S. AQUATICUS*) \*39, Staffs.: Damp pasture by river bridge, near Ecton, SK092578, D.R. Lerner, 2000.

†135/62.3. *SENECIO* *INAEQUIDENS* 13, W. Sussex: Lay-by on W side of A283, in quantity, Upper Beeding, TQ196098, R. & B. Clough, 2001. 1st established record. \*49, Caerns.: Hundreds of plants on waste ground, Industrial Estate, Llandudno Junction, SH798780, W. McCarthy, 2000.

†135/62.4. *SENECIO* *FLUVIATILIS* 96, Easternness: Drainage channel & edge of saltmarsh, Nairn, E. Beach, NH9057, M. Barron, 2000. 2nd record.

†135/73.1. *CALENDULA* *OFFICINALIS* 50, Denbs.: Seeded field, Llandulas, SH920783, J.A. Green, 2000. 2nd record.

†135/78.1. *RUDBECKIA* *HIRTA* \*29, Cambs.: Gravel pit, Waterbeach, TL483687, G.M.S. Easy, 1971, **herb. G.M.S.E.** Waste ground, Chesterton railway sidings, TL474607, G.M.S. Easy, 1994-2001, **herb. G.M.S.E.** 1st & 2nd records.

†135/79.1. *HELIANTHUS* *ANNUUS* \*42, Brecs.: Waste ground around new car-park, Brecon, SO049284, M. & C. Porter, 2000. \*113(A), Channel Is. (Alderney): Remnant from crop established in old untended fields, Watermill Farm, WA566078, B. Bonnard, 1988.

135/81.1. *BIDENS* *CERNUA* 1, W. Cornwall: In two of the ditches between valley fields, Mawgan Porth, SW850670, P.R. Green, 2000. 2nd extant record for Cornwall.

†135/CAT.cae. *CATANACHE* *CAERULEA* \*64, Mid-W. Yorks.: Car park, Fairburn Ings RSPB reserve, SE451277, E. Ellis, 2000, det. E.J. Clement.

†135/CYN.car. *CYNARA* *CARDUNCULUS* \*H6, Co. Waterford: 3 plants self-sown, on sea cliffs, Monatray Middle, X122765, P.R. Green, 2001. As var. *cardunculus*). \*113(A), Channel Is. (Alderney): Several plants (remnant from crop) established in old untended fields, Robin Rock, WA567078, B. Bonnard, 1988. (As var. *scolymus*).

†135/GUI.aby. *GUIZOTIA* *ABYSSINICA* \*35, Mons.: Bird seed alien in cracks in patio paving stones, Orchard Cottage, SO502012, Mrs A. Booker, 2000, det. T.G. Evans.

†135/OST.juc. *OSTEOSPERMUM* *JUCUNDUM* \*113(S), Channel Is. (Sark): Probably planted originally, but appears to be spreading on verge of unmetalled road, near Petite Genetière, WV466768, R.M. Veall, 2000, **herb. Société Sercquaise.**

137/4.2. *ALISMA* *LANCEOLATUM* \*†47, Monts.: Wet fields below Montgomery Canal, Vyrnwy, British Waterways Reserve, SJ253198, S. Whild & R.V. Lansdown, 1997. Montgomery Canal, SJ225069, R.V. Lansdown, 1998. 1st & 2nd records; possibly introduced into the Vyrnwy Reserve from the Montgomery Canal.

138/1.1. *HYDOCHARIS* *MORSUS-RANAE* 64, Mid-W. Yorks.: Ditch beside former tip, now being landscaped, Burley-in-Wharfedale, SE156466, F.D. Draper, 1994. Only extant site.

138/2.1. *STRATIOTES* *ALOIDES* \*†41, Glam.: In small pond in field, near Cilibion Wood, Gower, SS520921, Q.O.N. Kay, 2001.

†138/3.1. *EGERIA* *DENSA* \*35, Mons.: Numerous plants in Monmouth-Brecon Canal, Five Locks, Pontnewydd, ST288970, Mrs B. Chapman, 2001, **NMW**, conf. T.G. Evans.

†138/4.1. *ELODEA* *CANADENSIS* \*113(A), Channel Is. (Alderney): Established in pond, Corblets Quarry, WA596088, B. Bonnard, 1986, det. D. McClintock.

142/1.1×2. *POTAMOGETON* × *GESSNACENSIS* (*P. NATANS* × *P. POLYGONIFOLIUS*) \*43, Rads.: Little pool in river below overhanging rockface by waterfalls, Gilfach, SN963715, S.P. Chambers, 1997, conf. C.D. Preston. 3rd British record.

142/1.1×5. *POTAMOGETON* × *FLUITANS* (*P. NATANS* × *P. LUCENS*) 29, Cambs.: 1 clump growing amongst *P. pectinatus* with *Callitriche* spp., *Lemna minor*, *Sagittaria sagittifolia* & *Zannichellia palustris*, Engine Drain, Chear Fen, Cottenham, TL492708, J. Fant & C.D. Preston, 1996, **CGE**. 1st recent record.

142/1.5. *POTAMOGETON* *LUCENS* \*H6, Co. Waterford: Plentiful in lake, Pouldrew Bridge, S507118, P.R. Green, 2001.



142/2.5×6. POTAMOGETON × ZIZII (P. LUCENS × P. GRAMINEUS) **29**, Cambs.: Engine Drain, Chear Fen, Cottenham, TL492708, C.D. Preston, 1995; J Fant & C.D. Preston, 1996, **CGE**. Only extant site.

142/1.14. POTAMOGETON OBTUSIFOLIUS **64**, Mid-W. Yorks.: Fishing pond, Paul's Pond, Cookridge, Leeds, SE261413, Yorkshire Naturalists' Union, 2001, det. P.P. Abbott. 2nd record.

142/1.16. POTAMOGETON TRICHOIDES **39**, Staffs.: Staffordshire & Worcestershire canal, Gailey, SJ919103, P.P. Abbott, C.N. Smith & M. Smith (BSBI Meeting), 2001. 2nd record & only extant site.

142/1.17. POTAMOGETON COMPRESSUS **39**, Staffs.: Many thousands of plants, ornamental arm of River Sow, Shugborough Park, SJ990223, S.J. Whild & A.J. Lockton, 2000. Only extant site.

146/1.3. ZOSTERA NOLTEI **\*45**, Pembs.: Inter-tidal mud flats, E side of Angle Bay, SM896023; Inter-tidal mud flats, Sandy Haven Pill, SM864087; both S.B. Evans, 2000, det. F. Rumsey. 1st & 2nd published records; all previous records of *Zostera angustifolia* from the vice-county are now believed to be *Z. noltei*.

†147/4.1. ZANTEDESCHIA AETHIOPICA **\*44**, Carms.: Several plants in flower beside footpath, Bynea, SS554985, V. & A. Lewis, 2001. Origin unknown, presumably planted. **\*113(A)**, Channel Is. (Alderney): Garden escape, Val de Vert Côtill, WA571077, B. Bonnard, 1990.

†147/5.2b. ARUM ITALICUM subsp. ITALICUM **\*52**, Anglesey: Clump on road verge, near Brynteg, SH4983, I.R. Bonner, 2000. **\*77**, Lanarks.: Established just within a small wood, Milnwood, near Bellshill, NS7459, P. Macpherson, 2001, **herb. P.M.** Established at edge of long abandoned railway line, Allanton, by Hamilton, NS7453, P. Macpherson & Hamilton Natural History Society, 2001. 1st & 2nd records.

†147/6.1. DRACUNCULUS VULGARIS **113(A)**, Channel Is. (Alderney): Cottage garden (casual), in St Anne, WA575075, D. McClintock, 1982. 2nd record; several other records 1986-2000.

†147/7.1. ARISARUM PROBISCIDEUM **\*99**, Dunbarton: Increasing in hedge base, West Helensburgh, NS2882, A. Rutherford, 1998. None cultivated nearby.

148/1.1. SPIRODELA POLYRHIZA **44**, Carms.: Freshwater ditch, Millennium wetlands, WWT Penclacwydd, Llanelli, SS5398, I.K. Morgan, 2001. 2nd & 1st recent record. **\*H6**, Co. Waterford: Very little, in pond, Dromana, X105948, P.R. Green, 2001.

148/2.1. LEMNA GIBBA **51**, Flints.: Abundant, covering shallow pool c.10×5m, Golf course, by Coppa House, S of Buckley, SJ277614, S. Chambers, 2001. 2nd recent record.

†148/2.4. LEMNA MINUTA **\*39**, Staffs.: Pool, near river, Hamstall Ridware, SK105196, P.P. Abbott & S. Burton, 1999. Pool, in wood, by canal, Little Onn, SJ846154, R.A. Dawes & S. Burton, 1999. 1st & 2nd records. **\*77**, Lanarks.: Many clumps in can basin, Firhill, Glasgow, NS5867, P. Macpherson, 2000, **herb. P.M.**, conf. C.D. Preston. **\*113(A)**, Channel Is. (Alderney): Possibly native, in pond, Clonque Quarry, WA562074, B. Bonnard, 1993, det. D. McClintock. In quantity in both ponds, on Platte Saline, WA566079, B. Bonnard, 1996. 1st & 2nd records. **H6**, Co. Waterford: Pond, Dromana, X105984, P.R. Green, 2001. 2nd record.

†149/1.2. TRADESCANTIA FLUMINENSIS **\*41**, Glam.: Persistent in shrubbery by multi-storey car-park, in central Swansea, SS655926, A.S. Lewis, 2000.

151/1.12. JUNCUS ALPINOARTICULATUS **96**, Easternness: Scattered over several stony mires, Carn A'Chuilinn, Glendoe, NH40, A.G. Payne, 2000. 2nd & 1st recent record.

151/1.13×14. JUNCUS × SURREJANUS (J. ARTICULATUS × J. ACUTIFLORUS) **45**, Pembs.: Wetland, Bristgarn near Llanwnda, Strumble Head, SM925395, S. Chambers, 2001. 1st recent record.

151/1.3. JUNCUS COMPRESSUS **39**, Staffs.: Wet meadow, Swynnerton Army Training Area, SJ850328, E.M. Woolrich at BSBI Meeting, 2000. 2nd recent record.

151/1.8. JUNCUS AMBIGUUS **\*42**, Brecks.: Verge of B4560 (probably regularly salted in winter), 2km NW of Bryn-mawr (Mynydd Llangatwg), SO167136, S.P. Chambers, 2000, conf. T.A. Cope. **\*79**, Selkirks.: Galashiels, NT43, I.M. Hayward, 1911, **E**, det. D.R. McKean.

151/2.1. LUZULA FORSTERI **46**, Cards.: Roadside hedgebank, by Y Ferwigin chapel, SN185496, A.O. Chater, 2000, **NMW**. 2nd & 1st recent record.

152/1.2. ERIOPHORUM LATIFOLIUM **\*93**, N. Aberdeen: Flush, Whitehill, Ruthven, NJ5146, M. Smedley, 1993. Flush, Hill of Towanreef, NJ460237, M. Smedley & D. Welch, 2001, **ABD**. 1st & 2nd records.

152/2.2a. TRICHOPHORUM CESPITOSUM subsp. GERMANICA \*77, Lanarks.: Bank of reservoir, Glengavel, NS6634, M.E. Braithwaite, 2000, **herb. P. Macpherson**. 1st record for subsp.

152/2.2a×2b. TRICHOPHORUM CESPITOSUM nothosubsp. FOERSTERI (T. CESPITOSUM subsp. CESPITOSUM × subsp. GERMANICUM) \*35, Mons.: A few plants in boggy peat with pools, Mynydd Maen, ST259966, T.G. Evans, 2001, conf. G.A. Swan. 48, Merioneth: Frequent with subsp. *germanicum*, *Myrica* and *Calluna* on raised bog, Arthog Bog, SH6314, P.M. Benoit, 1999, **NMW**, conf. G.A. Swan. 2nd & 1st recent record. \*60, W. Lancs.: Blanket bog, Summit plateau, Gragareth, Leck, SD693802, E.F. Greenwood & J.M. Newton, 2000, **LIV**, det. G.A. Swan. \*77, Lanarks.: Bank of reservoir, Glengavel, NS6634, M.E. Braithwaite, 2000, **herb. P. Macpherson**. 81, Berwicks.: Raised bog, Dogden Moss, NT6949, M.E. Braithwaite, 2000. 2nd record.

152/2.2b. TRICHOPHORUM CESPITOSUM subsp. CESPITOSUM \*81, Berwicks.: Flush at edge of raised bog, Dogden Moss, NT691492, M.E. Braithwaite, 2000, conf. G.A. Swan. Small colony at transition from raised bog, Longmuir Moss, NT471504, M.E. Braithwaite, 2000. 1st & 2nd records. 83, Midlothian: Small colony at transition from raised bog, Longmuir Moss, NT471504, M.E. Braithwaite, 2000. 1st recent record.

152/5.1. SCIRPUS SYLVATICUS 91, Kincardines.: Bank of R. North Esk, Morphie, NO719618, D. Welch, 1999. Only extant site.

152/9.1. ELEOGITON FLUITANS 39, Staffs.: In ditches, within and surrounding Biddulph's Pool and No Man's Bank, W of Burntwood, SK030103, A. Leak, 2000. 2nd recent record.

152/11.1. CYPERUS LONGUS \*†H6, Co. Waterford: Single clump, on river bank, Carrick-on-Suir, S396217, P.R. Green, 2001.

†152/11.2. CYPERUS ERAGROSTIS 46, Cards.: Pathside, near Biochemistry Dept. UCW campus, Aberystwyth, SN595818, S.P. Chambers, 2000. 2nd record.

152/16.5×15. CAREX × PSEUDAXILLARIS (C. OTRUBAE × C. REMOTA) \*46, Cards.: Bank of drainage ditch, 500m N of Lodge Farm, Tre'r-ddol, SN654936, A.O. Chater & A.D. Hale, 2001, **NMW**.

152/16.8b. CAREX MURICATA subsp. LAMPROCARPA 91, Kincardines.: Trackside at sand pit, Crathes, NO745962, D. Welch, 1998, **ABD**, conf. A.O. Chater. 1st recent record.

152/16.9a. CAREX DIVULSA subsp. DIVULSA 64, Mid-W. Yorks.: Limestone grassland, Studley Royal, SE279691, M.J.Y. Foley & M.S. Porter, 1999. 2nd recent record.

152/16.9b. CAREX DIVULSA subsp. LEERSII \*†80, Roxburghs.: Pathside in wood, Harestanes Walk, Monteviot, NT646248, M.E. Braithwaite, 1993, **herb. R.W.M. Corner**, conf. M.S. Porter. Almost certainly an introduction.

152/16.10. CAREX ARENARIA \*†42, Brecks.: Molinia heath, between Ystradgynlais and Penrhos, SN795104, M. Porter, 2001.

152/16.11. CAREX DISTICHA 50, Denbs.: Very wet mire, Rhyd Lydan, SH895503, W. McCarthy, 2001. 1st recent record. \*113(A), Channel Is. (Alderney): Large area established round old well, in Mannez Quarry, WA603087, M. Long, 1996, det. C. Jermy.

152/16.25×65. CAREX × SUBGRACILIS (C. ACUTIFORMIS × C. ACUTA) \*43, Rads.: Edge of lake, Llanbwchllyn, SO117463, S.P. Chambers, 1998, conf. A.C. Jermy.

152/16.26. CAREX RIPARIA 77, Lanarks.: Stagnant pool in wood, Auchenshuggle, NS6362, K. Watson, 2001, **GL**. 1st recent record.

152/16.28×29. CAREX × INVOLUTA (C. ROSTRATA × C. VESICARIA) \*77, Lanarks.: Marshy ground by loch, Possil Marsh, Glasgow, NS57, K. Watson, 1995, **GLAM**, conf. A.O. Chater *et al.* 1st confirmed record. \*79, Selkirks.: With both parents in fen, Ettrick Marshes, Ettrick, NT272143, R.W.M. Corner & M.S. Porter, 2001, **herb. R.W.M.C.**, conf. A.O. Chater.

152/16.41. CAREX DISTANS 35, Mons.: River Severn meadow inundated by Spring tides, Sutton Farm, W Usk Lighthouse, ST302817, T.G. Evans, 2001, conf. A.O. Chater. Only extant site. 67, S. Northumb.: Edge of saltmarsh, Seaton Sluice, NZ3376, A. & G. Young, 1998. 2nd recent record.

152/16.42. CAREX PUNCTATA 52, Anglesey: Upper saltmarsh, near Llanfairyrneubwll, SH2976, I.R. Bonner, 2001, **herb. I.R.B.**, conf. A.O. Chater. 1st recent record. H6, Co. Waterford: Abundant, on wet, dripping sea cliffs, Muggort's Bay, X297876, I.P. Green & P.R. Green, 2001. 2nd record.

152/16.43. *CAREX EXTENSA* **50**, Denbs.: By sea wall, Glan Conwy, SH801712, J.A. Green, 2000. 1st recent record.

152/16.46c. *CAREX VIRIDULA* subsp. *VIRIDULA* \***1**, W. Cornwall: At edges of rivulets flowing through coastal saltmarsh, Chapel Porth, SW698494, R.J. Murphy & M.J. Sibley, 2001, det. A.O. Chater. New to Cornwall. **67**, S. Northumb.: N shore, of Hallington Reservoir, NY966763, J. Young, 1999, **herb. G.A. Swan**. 2nd recent record.

152/16.47. *CAREX PALLESCENS* **93**, N. Aberdeen: Rideside, Bin Forest, Cairnie, NJ496447, D. Elston, 2001, **ABD**. 1st recent record.

152/16.48. *CAREX DIGITATA* **64**, Mid-W. Yorks.: Over 150 plants, in rock-strewn limestone grassland below woodland, Mackershaw, SE286691, M.J.Y. Foley & M.S. Porter, 1999.

152/16.69. *CAREX BIGELOWII* \***46**, Cards.: 2 small patches, flowering well, on NNE-facing slope, 400m SSW of Craig y March, Pumlumon, SN803877, S.P. Chambers, 2000, **NMW**. The southernmost site in Britain.

152/16.71. *CAREX PAUCIFLORA* \***47**, Monts.: Wet moor and bog, Trannon, SN911952, B. Averis, 2000.

†153/3.1. *SASA PALMATA* **50**, Denbs.: Old well and stream, Wigfair, SJ029711, J. Phillips, 2000, det. J.A. Green. 2nd record.

153/12.12. *FESTUCA HUONII* \***113(A)**, Channel Is. (Alderney): Rocky scree, Saye Bay, WA590090, B. Bonnard, 1987, det. D. McClintock.

153/12.6. *FESTUCA ARENARIA* **46**, Cards.: SW corner of Penyreryd dunes, Gwbert, SN160485, A.O. Chater, 2001, **NMW**. 2nd record.

153/12.7b. *FESTUCA RUBRA* subsp. *JUNCEA* \***68**, N. Northumb.: Rocky seashore (whin), Newton Point, NV245251, G.A. & M. Swan, 2000, **herb. G.A.S.** det. C.A. Stace. Rocky seashore (whin), N of Cullernose Point, NV261189, G.A. & M. Swan, 2000, **herb. G.A.S.**, det. C.A. Stace. 1st & 2nd records.

153/12.7d. *FESTUCA RUBRA* subsp. *COMMUTATA* \***39**, Staffs.: Roadside verge, Wombourne, SO863929, C.B. Westall, 2000. †**46**, Cards.: Margin of strawberry field, Penlan-las, Rhydyfelin, SN607772, S.P. Chambers, 2000. 2nd record. \***64**, Mid-W. Yorks.: Deepdale, SD85, J. Allinson, 1999.

153/12.1×13.2. ×*FESTULOLIUM BRAUNII* (*FESTUCA PRATENSIS* × *LOLIUM MULTIFLORUM*) **61**, S.E. Yorks.: Arable margin, thought remnant of sown ley grass, East Clough, Patrington, TA323194, P.J. Cook, 1999, **herb. P.J.C.** 2nd record.

153/13.1×2. *LOLIUM* × *BOUCHEANUM* (*L. PERENNE* × *L. MULTIFLORUM*) \***64**, Mid-W. Yorks.: Waste ground, Leeds, SE308331, M. Wilcox, 1999, det. T.A. Cope. \***77**, Lanarks.: New industrial complex, Kirkwood, SW of Coatbridge, NS7063, P. Macpherson, 2000, **herb. P.M.**, det. E.J. Clement. \***113(A)**, Channel Is. (Alderney): Ladysmith, WA568076, B. Bonnard, 1986, det. D. McClintock.

153/14.3. *VULPIA MYUROS* \***93**, N. Aberdeen: Railway siding, Kennethmont, NJ553293, D. Welch, 1999, **ABD**, conf. C.A. Stace.

†153/14.4a. *VULPIA CILIATA* subsp. *CILIATA* \***64**, Mid-W. Yorks.: Waste ground, Leeds, SE314325, M. Wilcox, 1999, det. C.A. Stace.

†153/15.2. *CYNOSURUS ECHINATUS* \***113(A)**, Channel Is. (Alderney): Dunes, Corblets Bay & East Coast path, WA596088, B. Bonnard, 1995.

153/16.2. *PUCCINELLIA DISTANS* †**42**, Brecks.: Road verge, 2km SW of Gilwern, SO222125, G.S. Motley, 2000. 2nd record.

153/16.2a. *PUCCINELLIA DISTANS* subsp. *DISTANS* \***91**, Kincards.: Muddy pool, Nigg Bay, NJ967044, D. Welch, 1997, **ABD**. Recorded as *Catabrosa* in error. Specimen re-examined after finding *P. distans* at same site.

†153/17.2. *BRIZA MINOR* \***113(A)**, Channel Is. (Alderney): Casual on railway line by Battery Crossing, Braye Common, WA584079, B. Bonnard, 1986, det. D. McClintock.

†153/17.3. *BRIZA MAXIMA* **45**, Pembs.: Roadside verge, St Davids, SM749251, S.B. Evans, 2001. 1st recent record. \***95**, Moray: Base of wall, Grantown-on-Spey, NJ0327, R.M. Stokes, 2000. \***113(A)**, Channel Is. (Alderney): Scattered in grass (garden escape), on Platte Saline, WA568079, Wild Flower Soc. visit, 1986, det. D. McClintock.

153/18.1. *POA INFIRMA* \*29, Cambs.: Waste ground used as car park, between Station Road & Hills Road, Cambridge, TL460572, A.C. Leslie, 2001. Frequent and growing with *Poa annua* at edge of verge on E side of A1134 & under Botanic Garden railings, Cambridge, TL452564, A.C. Leslie, 2001. 1st & 2nd records.

153/18.6. *POA ANGUSTIFOLIA* 50, Denbs.: Wall top in town centre, Colwyn Bay, SH8479, W. McCarthy, 2001, det. T. Cope. 2nd record. \*113(A), Channel Is. (Alderney): S-facing grassy bank, in La Corvée, WA579072, T.C.G. Rich & E. Nic Lughadha, 1990.

†153/18.7. *POA CHAIXII* 93, N. Aberdeen: Policy woodland, Leith Hall, NJ543296, D. Welch, 1998, **ABD**. 2nd record.

153/18.9. *POA COMPRESSA* \*41, Glam.: Dry open grassland, on Baglan Moor, SS748915, C.R. Hipkin, 2000. 1st native record.

†153/18.imb. *POA IMBECILLA* \*83, Midlothian: Pavement/garden wall, Bellevue Crescent, Edinburgh, NT255747, D.R. McKean, 1998, **E**. 1st recorded escape from RBG Edinburgh where it is a pernicious rock garden weed, known since last century in area

[153/20.1. *CATABROSA AQUATICA*, 91, Kincards.: Muddy pool close to HWM, Nigg Bay, NJ967044, D. Welch, 1997, **ABD**. Delete record in *Watsonia* 23(4): 587 (2001) and replace with *Puccinellia distans* subsp. *distans*.]

153/24.2×3. *GLYCERIA FLUITANS* × *G. DECLINATA* \*29, Cambs.: S end of central stream, Coe Fen, TL448572, C.D. Preston, 1999, **CGE**, det. C.A. Stace.

†153/30.1pur. *TRisetum flavescens* subsp. *PURPURASCENS* \*29, Cambs.: The most widespread grass over perhaps 50 acres of sown grassland, Magog Trust, Stapleford, TL4753, P.D. Sell, 1995, **CGE**. Constituent of the 'native' seed mixture sown when this site was converted from arable land to grassland.

153/32.1b. *DESCHAMPSIA CESPITOSA* subsp. *PARVIFLORA* \*43, Rads.: Abundant on damp, shady, rocky slopes in wood below waterfall, Water-break-its-neck, New Radnor, SO184600, A.O. Chater, 2000, **NMW**.

153/33.1×2. *HOLCUS* × *HYBRIDUS* (*H. LANATUS* × *H. MOLLIS*) \*46, Cards.: Pasture, 200m SSE of Rheidol Falls, SN710786, A.O. Chater, 2000, **NMW**. The rhizomatous form of *H. lanatus*, var. *soboliferus*, grows nearby.

†153/38.3. *PHALARIS CANARIENSIS* 110, Outer Hebrides: Waste ground, Lews Castle, Stornoway, NB422331, R.J. Pankhurst, 2001. 2nd record.

153/39.2×4. *AGROSTIS GIGANTEA* × *A. STOLONIFERA* \*61, S.E. Yorks.: Garden border, Driffield, TA022586, E. Chicken, 1999, **herb. E.C.**

†153/39.3. *AGROSTIS CASTELLANA* \*46, Cards.: Grassy slope reconstructed and reseeded in 1993, NE of Glanrafon Bridge, Llanbadarn Fawr, SN610805, A.O. Chater, 2000, **NMW**. The true plant, with strongly pubescent lemmas in the terminal spikelets.

†153/39.9. *AGROSTIS SCABRA* 83, Midlothian: Possibly re-seeded verge of path from church, to S. Bank Wood, SW Penicuik, NT231597, D.R. McKean & S. Maxwell, 1998, **E**.

153/39.4×46.1 ×*AGROPOGON LITTORALIS* (*AGROSTIS STOLONIFERA* × *POLYPOGON MONSPELIENSIS*) \*64, Mid-W. Yorks.: Disused sandstone quarry, Woodside Quarry, Ireland Wood, Leeds, SE254383, M. Wilcox, 1999.

153/40.2. *CALAMAGROSTIS CANESCENS* \*67, S. Northumb.: Wet area near edge of forest road, near Wind Hill, Kielder Water, NY686891, G. Simpson, 2001, **herb. G.A. Swan**, det. H.J.M. Bowen. 68, Cheviot: Cannonmill Bog, NT904313, I. Douglas, 2001, **herb. G.A. Swan**. Only extant site.

†153/40.arg. *CALAMAGROSTIS ARGENTEA* \*64, Mid-W. Yorks.: Self-seeded from nearby flower bed, at edge of pavement, Cross Belgrave Street in Central Leeds, SE303343, M. Wilcox, 1999, det. T.B. Ryves. 1st British record.

†153/43.1. *LAGURUS OVATUS* 113(A), Channel Is. (Alderney): Well established, Platte Saline, WA568079, B. Bonnard, 1990. 2nd & 1st recent record.

153/46.2. *POLYPOGON VIRIDIS* 113(A), Channel Is. (Alderney): 5 plants (possibly native), in gutter, in St Martin's, WA573071, M.A.R. Kitchen, 1995. 2nd & 1st recent record.

†153/46.mar. POLYPOGON MARITIMUS \*29, Cambs.: 1 plant with numerous stems in a pot of *Allium*, Monksilver Nursery, Oakington Road, Cottenham, TL436663, A.C. Leslie, 2001.

153/47.2×4, ALOPECURUS × HAUSSKNECHTIANUS (A. GENICULATUS × A. AEQUALIS) \*5, S. Somerset: With both parents on margins of reservoir, Clatworthy Reservoir, ST031307, I.P. Green, 2000, det. T.A. Cope.

153/47.6. ALOPECURUS MYOSUROIDES 2, E. Cornwall: In headland of barley field, Clitters Park, S of Luckett, SX386723, A. Atkinson, 2000, **herb. R.J. Murphy**. 1st recent record.

153/50.4b. BROMUS HORDEACEUS subsp. FERRONII \*68, N. Northumb.: Base of sea-cliff (whin), The Heugh, Holy Island, NV127416, G.A. & M. Swan, 2000, **herb. G.A.S.**, det. C.A. Stace & T.A. Cope.

153/50.4lon. BROMUS HORDEACEUS subsp. LONGIPEDICELLATUS \*29, Cambs.: Footpath beside meadow, Brinkley (near Six Mile Bottom), TL581569, G. Crompton & J. Bulleid, 2000, **CGE**. Waste ground on roadside verge, Histon, TL442.625, G. Crompton, 2000, **CGE**. 1st & 2nd records. \*35, Mons.: Several plants on sea wall, Sudbrook, ST499874, T.G. Evans, 2001. \*51, Flints.: Sandy grassland in coastal dunes, Talacre Warren, SJ124851, M. Wilcox & W. McCarthy, 2000. \*77, Lanarks.: Rough grassland at side of minor road between Uddingston and Bothwell, NS699596, P. Macpherson, 2001. \*113(S), Channel Is. (Sark): Beside grassy path, near Siver Mines Chimneys, Little Sark, WV454735, M. Long, 2000, **herb. Société Sercquaise**. Meadow, S of Dosdâne, WV461761, M. Long, 2000, **herb. Société Sercquaise**. 1st & second records. All records det. or conf. L.M. Spalton.

†153/50.7. BROMUS SECALINUS 46, Cards.: With *Lolium multiflorum* and *Hordeum distichon* in old stable yard, by Hafod Mansion, 2km E of Pontrhyd-y-groes, SN759732, A.O. Chater & J.P. Woodman, 2000, **NMW**. 1st recent record.

†153/50.1an. BROMUS LANCEOLATUS \*29, Cambs.: On verge of strip field growing ornamental flowers and grasses, Soham, TL582705, G.M.S. Easy, 1999. Edge of cornfield, Soham, TL581708, W.G. Last, 2000, **K**, det. B. Ryves. 1st & 2nd records.

153/51.2. BROMOPSIS BENEKENII 64, Mid-W. Yorks.: Woodland on Magnesian limestone, Hetchel Wood, YWT Reserve, SE378423, B.A. Tregale, 1990, conf. R.M. Payne. 2nd record. \*67, S. Northumb.: Slope at base of Raven Crag, with *B. ramosa*, Allen Banks, NY798629, G.A. & M. Swan, 2001, **herb. G.A.S.**, det. L.M. Spalton. \*77, Lanarks.: Steep grassy bank above R. Clyde, Corra Castle, Falls of Clyde, NS8841, A.B.G. Averis, 1997, **herb. P. Macpherson**, det. L.M. Spalton.

153/51.3. BROMOPSIS ERECTA 49, Caerns.: Several places on limestone grassland, Great Orme, Llandudno, SH78, W. McCarthy, 2000. 1st recent record. †58, Cheshire: Canal bank, Coole Pilate, SJ649462; Canal bank, Baddington, SJ641484; both G.M. Kay, 2001. 1st & 2nd recent records. Questionably native at both sites. \*113(A), Channel Is. (Alderney): Several plants in dunes & trackside, near the Targets, Longis, WA600082, E. McDowell, 1998.

†153/51.4. BROMOPSIS INERMIS \*39, Staffs.: Disused railway, Wombourne, SO870928, B.R. Fowler & C.B. Westall, 1984. Side of lane, Swynnerton, SJ859382, R. Higgins, 1989. 1st & 2nd records. \*52, Anglesey: Garden weed, Rhosneigr, SH321736, W. McCarthy, 2001, **herb. I.R.B.**, det. E.J. Clement.

†153/51.4a. BROMOPSIS INERMIS subsp. INERMIS 83, Midlothian: 1 small patch only, on waste ground, Musselburgh Racecourse, NT358731, S. Maxwell, 2001, **E**, det. D.R. McKean. Last seen nearby in 1976 at Fisherrow Harbour.

†153/52.1. ANISANTHA DIANDRA 2, E. Cornwall: Many plants, on hedge walls on the E side of the B3273, near London Apprentice, SX0049, P.R. Green, 2000, **herb. R.J. Murphy**. 1st recent record. \*39, Staffs.: Canal towpath, Wolverhampton, SO918988, B.R. Fowler, 1988. Old gateway near brewery, Burton-on-Trent, SK235231, J.P. Martin, 1991, conf. P.J.O. Trist. 1st & 2nd records. 46, Cards.: Large colony on waste ground by road, 2.5km E of Synod Inn, SN431542, A.O. Chater, 2000, **NMW**. 2nd record.

†153/52.2. ANISANTHA RIGIDA \*61, S.E. Yorks.: Margin, barley crop, Near East Luton, SE9696, P.J. Cook, 2000, **herb. P.J.C.** Margin of arable crop, W of Kilnwick, SE981498, E. Chicken, 2000. 1st & 2nd records.

†153/53.1. CERATOCLOA CARINATA \*47, Monts.: Casual only on roadside by gate into pasture, Berriew, SJ189009, P.M. Benoit & C.A. Small, 2001. Growing with *Erodium moschatum*: both probably the result of original garden dumping.

153/54.1. BRACHYPODIUM PINNATUM 58, Cheshire: Questionably native on, canal bank, Coole Pilate, SJ649462, Cheshire Recording Group, 2001. 1st recent record.

†153/54.2rup. BRACHYPODIUM PINNATUM subsp. RUPESTRE \*44, Carms.: Many plants along track, Pembrey Burrows, SN398003, Q.O.N. Kay, 1997, **NMW**, det. T.C.G. Rich. 1st localised record of subsp. & 2nd record of species.

153/55.1. ELYMUS CANINUS \*†113(A), Channel Is. (Alderney): Casual only on Braye Common, WA586082, B. Bonnard, 1987, det. D. McClintock.

153/56.1×3. ELYTRIGIA × LAXA (E. REPENS × E. JUNCEA) \*81, Berwicks.: Sand dune fragment, Pease Bay, NT793708, M.E. & P.F. Braithwaite, 2000. \*95, Moray: Edge of saltmarsh/sand dunes, at edge of Culbin Forest, NW of Forres, NH984630, M. Wilcox, 2001, conf. T.A. Cope.

153/57.1. LEYMUS ARENARIUS 46, Cards.: N tip of Ynys-las Dunes NNR, SN606946, J.P. Lyons, 2001. 2nd extant native site.

†153/59.3. HORDEUM JUBATUM \*52, Anglesey: Single clump in field, Gwydryn-Hir, SH493678, T.W.J.D. Dupree, 2001.

153/59.4. HORDEUM SECALINUM 77, Lanarks.: Manure heap, W of Hamilton, NS6854, P. Macpherson, 2000, **herb. P.M.** 1st recent record.

†153/62.1. CORTADERIA SELLOANA \*29, Cambs.: Farm dump, Malton, TL377475, P.D. Sell, 1988, **CGE**. Self-sown in cracks at edge of car park, Union Lane, Cambridge, TL462599, A.C. Leslie, 2000. 1st & 2nd records. \*41, Glam.: Several clumps on waste ground at disused docks, Briton Ferry, SS737936, A.S. Lewis, 2001. \*52, Anglesey: West end of shingle bank, Cemlyn, SH3393, G. Battershall, 1994. \*113(A), Channel Is. (Alderney): Self-seeded plants established, at Essex Hill, WA595078, B. Bonnard, 1987. \*113(S), Channel Is. (Sark): Originally planted beside a garden (no longer in existence), on roadside bank, Port à la jument, WV458760, R.M. Veall, 1998, **herb. Société Sercquaise**, det. R.M. Payne.

†153/66.1. CYNODON DACTYLON \*44, Carms.: Grass verges in housing estate and children's playground, Burry Port, SN451005, E.J. Clement & P. Stanley, 2000.

†153/67.1×3. SPARTINA × TOWNSENDII (S. MARITIMA × S. ALTERNIFLORA) \*46, Cards.: Upper saltmarsh, Dyfi estuary, 600m E of mouth of Afon Leri, SN623936, P.M. Benoit & BSBI Field Meeting, 2000, **NMW**. Mentioned as occurring in the Dyfi estuary in several publications by E.H. Chater, but without definite localities.

†153/68.1. ECHINOCHLOA CRUS-GALLI \*99, Dunbarton: Among garden waste, Adelaide Street, Helensburgh, NS3181, A. Rutherford, 2001, **E**, det. A.McG. Stirling.

†153/70.1. SETARIA VIRIDIS \*45, Pembs.: Six flowering plants, producing seed, in maize field, Norton Farm, Manorbier, SS061989, S. Bosanquet, 2000. 48, Merioneth: In great quantity on E platform, Barmouth railway station, SH6115, P.M. Benoit, 1999, **NMW**. 1st recent record. \*113(A), Channel Is. (Alderney): 3 plants (casual), on Platte Saline, WA568079, B. Bonnard, 2000, det. M. Long.

†153/70.par. SETARIA PARVIFLORA \*29, Cambs.: Tip, Romsey, TL479577, G.M.S. Easy, 1982, **herb. G.M.S.E.**

†153/70.pum. SETARIA PUMILA 99, Dunbarton: Shore above HWM, East Helensburgh, NS3081, A. Rutherford & R. Tran, 1998, **herb. A.McG.S.**, det. A.McG. Stirling. 1st recent record. \*113(A), Channel Is. (Alderney): Casual only in gravel at Old Barn, Longis, WA594078, M. Long, 1992.

†153/71.san. DIGITARIA SANGUINALIS \*29, Cambs.: In a carrot field, between Kennett Church and Kennett Station, TL76, J.E. Raven, 1945, **CGE**, det. P.J.O. Trist (1986). Cottage garden, Lolworth, TL36, P. Hastings, 1964, **CGE**, det. S.M. Walters. 1st & 2nd records.

†153/72.1. SORGHUM HALEPENSE \*113(A), Channel Is. (Alderney): On tipped soil, Platte Saline, WA568078, B. Bonnard, 1992, det. D. McClintock. 1st confirmed Channel Is record.

- †153/72.bic. *SORGHUM BICOLOR* \*113(A), Channel Is. (Alderney): By seats, Braye Bay, WA586082, D. McClintock, 1992.
- †153/PAN.mil. *PANICUM MILIACEUM* 99, Dunbarton: Garden centre car park, Ardencaple, Rhu, NS2882, A. Rutherford & A. McG. Stirling, 2000. 2nd record.
- †153/ZIZ.lat. *ZIZANIA LATIFOLIA* 13, W. Sussex: Abundant along S edge adjacent to road, Patching, TQ088056, O. & M. Hollins, 2000. 1st recent record.
- 154/1.1. *SPARGANIUM ERECTUM* 113(A), Channel Is. (Alderney): 2 clumps in pond, Longis, WA597084, M. Long, 1996. 3rd & 1st recent record.
- 155/1.2. *TYPHA ANGUSTIFOLIA* †44, Carms.: In flushed trackway on N side of re-vegetated tip, Pont-y-Clerc Tip, Penyban, Ammanford, SM615114, I.K. Morgan, 2000, NMW, conf. G. Hutchinson. 1st recent record. \*113(A), Channel Is. (Alderney): Large area in pond, Mannez Quarry, WA604087, B. & J. Bonnard, 1986, det. D. McClintock. Previously recorded as *T. latifolia*.
- †158/5.1. *HEMEROCALLIS FULVA* \*46, Cards.: Naturalised on disturbed ground by path, just W of Pont Glanrafon, Llanbadarn Fawr, SN609804, S.P. Chambers, 2001.
- †158/6.2. *KNIPHOFIA PRAEcox* \*41, Glam.: Large clump on waste ground, E side of Afon Tawe, Swansea, SS662935, A.S. Lewis, 2001. \*113(A), Channel Is. (Alderney): Scattered garden escape in several places, E coast, as at Longis, WA598082, B. Bonnard, 1987, det. J. Taylor.
- †158/6.tuc. *KNIPHOFIA TUCKII?* \*113(A), Channel Is. (Alderney): Garden escape, surviving over 40 years round several forts, as at Fort Tourgis, WA563077, B. Bonnard, 1988, det. J. Taylor.
- †158/10.1. *TULIPA SYLVESTRIS* 91, Kincardines.: Policies, Inverey House, Banchory, NO697941, J. Jackson, 1998, conf. D. Welch. 2nd record and furthest north in Britain.
- †158/10.3. *TULIPA GESNERIANA* \*113(A), Channel Is. (Alderney): Probable garden escape on grass bank in Crabby Bay, WA574081, R. Barrett, 1994.
- †158/14.1. *POLYGONATUM MULTIFLORUM* \*113(A), Channel Is. (Alderney): Planted in garden, St Vignalis, WA564073, B. Bonnard, 1993.
- †158/14.1×2. *POLYGONATUM × HYBRIDUM* (*P. MULTIFLORUM* × *P. ODORATUM*) \*41, Glam.: Long established patch at foot of limestone scarp in Cwm Ivy Wood, SS441938, A.S. Lewis, 2000.
- †158/23.1. *MUSCARI NEGLECTUM* \*29, Cambs.: Hills near Cherry Hinton, TL45, W.L.P.G [arnons], 1825, SWN.
- †158/23.2. *MUSCARI ARMENIACUM* \*113(A), Channel Is. (Alderney): 12 plants in scrub 200m from rubbish tip (probable garden escape), South cliffs, Longis Bay, WA598072, B. Bonnard, 1997.
- 158/24.1. *ALLIUM SCHOENOPRASUM* \*58, Cheshire: Grassland, Bidston, SJ288910, G.K. Watson, 1996. Pavement, New Brighton, Wirral, SJ314935, R. Goodchild, 2000. 1st & 2nd records.
- †158/24.3. *ALLIUM ROSEUM* subsp. *BULBIFERUM* 113(A), Channel Is. (Alderney): 3 plants flowering on Platte Saline, WA568079, J. Bonnard, 1998, det. B. Bonnard. 2nd record.
- †158/24.5. *ALLIUM SUBHIRSUTUM* 113(A), Channel Is. (Alderney): Quarry, Clonque, WA562074, M. Long, 1986, det. D. McClintock. 2nd & 1st recent record.
- †158/24.6. *ALLIUM MOLY* \*58, Cheshire: Casual only in grassy waste area, Bidston Moss, SJ291914, R. Goodchild, 2000. \*66, Co. Durham: 1 plant by side of track adjacent to rubbish tip, near Sunderland, NZ385602, G. Young, 1991, conf. A. Coles.
- †158/24.7. *ALLIUM TRIQUETRUM* \*29, Cambs.: Great Eversden, TL364536, R.G.H. Cant, 1995. 1 clump in corner of car park on W side of road, S end of Green's Road, Cambridge, TL450595, C.D. Preston, 1999. 2nd record. Present for at least 5 years and flowers annually but only spreads very slowly, still there and flowering, 2002.
- 158/24.13. *ALLIUM AMPELOPRASUM* 6, N. Somerset: Grassy bank, Kenn Moor, Clevedon, ST434683, F. Moulin, 2001, det. P. Wilkin. 2nd record. \*58, Cheshire: Amid bracken by old railway, Heswall, SJ258816, R. Goodchild, 2001.

158/24.14. ALLIUM SCORODOPRASUM. \*†46, Cards.: Naturalised on roadside verge, Penyrangor, Aberystwyth, SN581808, A.O. Chater & C.D. Preston, 2001. Known here for at least 15 years and conf. W.T. Stearn in 1988.

†158/24.15. ALLIUM SPHAEROCEPHALON \*113(A), Channel Is. (Alderney): Garden escape on top of wall, in Le Petit Val, WA567078, B. Bonnard, 1987, det. D. McClintock.

†158/24.cep. ALLIUM CEPA \*99, Dunbarton: Sandy shingle above HWM, East Bay, Helensburgh, NS3081, A. Rutherford *et al.*, 1998. Det. as var. *viviparum*; subsequently removed by storm. 113(S), Channel Is. (Sark): 2 casual plants on roadside verge, near Mon Plaisir, Rue du Sermon, WV462760, R.M. Veall, 2001, **herb. Société Sercquaise**.

†158/26.1. NOTHOCORDUM BORBONICUM \*41, Glam.: On site of long-demolished glasshouses, Hendrefoilan House, SS612937, A.S. Lewis, 2001.

†158/27.1a. AGAPANTHUS PRAECOX subsp. ORIENTALIS \*113(S), Channel Is. (Sark): 1 plant with flowers, several smaller plants nearby without flowers (apparently not planted), on roadside bank, near Hunter's Lodge near La la Fregondée, WV457756, R.M. Veall, 2000, **herb. Société Sercquaise**.

†158/28.1. TRISTAGMA UNIFLORUM \*29, Cambs.: 2 clumps, at base of fence (spread from garden on other side), on E side of Granta Terrace, Stapleford, TL467518; 1 flowering bulb in disturbed ground along footpath, on W side of A1309, just S of old railway bridge, Trumpington, TL443542; both A.C. Leslie, 2001. 1st & 2nd records. \*113(A), Channel Is. (Alderney): Established on dry stone bank, Essex Hill, WA595076, B. Bonnard, 1988, det. D. McClintock.

†158/29.1. AMARYLLIS BELLADONNA \*113(A), Channel Is. (Alderney): Established & spreading on roadside bank, Braye Road near the School, WA573075, J. Page, 1985. \*113(S), Channel Is. (Sark): 1 plant (probable accidental introduction), in middle of pasture, near Mill Lane, WV465758, R.M. Veall, 1998, **herb. Société Sercquaise**. 1st record outside garden.

158/31.1. LEUCOJUM AESTIVUM \*†58, Cheshire: Casual only on waste ground, Bromborough Port, SJ352839, R. Goodchild, 2000.

†158/32.2. GALANTHUS ELWESII \*46, Cards.: Naturalised on roadside verge, Abermeurig, SN563562, A.O. Chater, 2001, **NMW**.

158/34.1b. ASPARAGUS OFFICINALIS subsp. OFFICINALIS \*†113(S), Channel Is. (Sark): Self-sown in crack in concrete steps outside shop, The Avenue, WV468758, R.M. Veall, 2002, **herb. Société Sercquaise**.

†159/1.1. LIBERTIA FORMOSA \*41, Glam.: Self-sown on walls, at Hendrefoilan House, Swansea, SS612936, A.S. Lewis, 2000. \*113(S), Channel Is. (Sark): Probably bird sown (nearest plant about 200m away), in mixed woodland near footpath, L'Écluse, WV461766, R.M. Veall, 1999, **herb. Société Sercquaise**, det. D. McClintock.

†159/2.3. SISYRINCHIUM CALIFORNICUM \*99, Dunbarton: Foot of wall, West Helensburgh, NS3081, A. Rutherford, 1998, det. A.McG. Stirling.

†159/2.5. SISYRINCHIUM STRIATUM \*4, N. Devon: Extensively surviving outside garden in maritime scrub, Middleborough, Croyde, SS428400, W.H. Tucker, 2001. \*H6, Co. Waterford: Abundant, over 100 plants on waste ground, Greenan, S196216, P.R. Green, 2001.

†159/5.1. IRIS GERMANICA. \*46, Cards.: Naturalised on sand dunes, Penyrerhyd, Gwbert, SN161486, A.O. Chater *et al.*, 2001. Known for at least 15 years.

†159/5.1. IRIS GERMANICA \*113(A), Channel Is. (Alderney): Established for over 10 years on quarry verge, Mannez, opposite the Lighthouse, WA603089, B. Bonnard, 1989.

†159/5.7. IRIS ORIENTALIS \*29, Cambs.: Gravel pit, Milton, TL46, G.M.S. Easy, 1970-1992, **herb. G.M.S.E.** \*58, Cheshire: Wasteland, Bidston Moss, SJ291914, R. Goodchild, 2000.

†159/5.fil.×tin. IRIS × HOLLANDICA (I. FILIFOLIA × I. TINGITANA) \*113(A), Channel Is. (Alderney): 1 large clump established in hedge, old crop remnant, Petit Val, WA567078, B. Bonnard, 1993.



†159/8.3. *CROCUS NUDIFLORUS* \*80, Roxburghs.: 47 flowering heads, on riverside banks, of R. Tweed upstream from Carryweil Pool, Tweedbank, Galashiels, NT513348, A. Bramhall, 1995, det. R.W.M. Corner. Up to 100 heads, on riverside banks, of R. Tweed at Melrose, NT540344, A. Bramhall, 1996, det. R.W.M. Corner. 1st & 2nd records.

†159/8.8. *CROCUS SPECIOSUS* \*64, Mid-W. Yorks.: Several large patches naturalised in grassland and under trees, Meanwood Valley, Leeds, SE280375, D. Hunter, 1998.

†159/10.2. *IXIA PANICULATA* \*113(A), Channel Is. (Alderney): 3 plants flowering in scrub (garden escapes), bank above Bluestone Hill, WA586075, B. Bonnard, 2000.

†159/11.1. *SPARAXIS GRANDIFLORA* \*113(S), Channel Is. (Sark): 1 plant, on roadside bank, Rue Lucas, WV469761, M.H. Marsden, 1998, **herb. Société Sercquaise**. Not in an adjoining garden; accidental or deliberate discard.

†159/13.1. *CROCOSMIA PANICULATA* \*52, Anglesey: By concrete roadway to former MoD base, Ty-croes, SH3269, BSBI meeting, 2001. \*77, Lanarks.: Established colony, in rough grassland, Glaikehead, NS8136, P. Macpherson, 1999. 2nd record as established.

†159/13.3. *CROCOSMIA POTTSII* \*5, S. Somerset: Several clumps, on bank of lane leading to car park, Simonsbath, SS774393, I.P. Green, 2000. \*49, Caerns.: On shingle island, River Llugwy, near Betws-y-Coed, SH739570, J. & H. Lowell, 2001. \*H6, Co. Waterford: Rough grass area, Mt Melleray Monastery, S099038, P.R. Green, 2001. Area now planted with trees.

†159/SCH.coc. *SCHIZOSTYLIS COCCINEA*. \*46, Cards.: About 60 plants scattered over 2 areas c.10×8m & 8×4m, naturalised in scrubby waste ground, 200m WNW of Aber-porth church, SN254512, A.O. Chater, 2000, **NMW, LTR**. Not planted; surprisingly not recorded as naturalised before in Britain.

†160/2.1. *AGAVE AMERICANA* \*113(A), Channel Is. (Alderney): 3 large specimens suckering (probably planted), along East coast as at St Esquère Bay, WA607088, B. Bonnard, 1986, det. D. McClintock.

†160/3.1. *CORDYLINE AUSTRALIS* \*H6, Co. Waterford: Several, self-sown, on waste ground, Ringnasilloge, Dungarvan, X254924, I.P. Green & P.R. Green, 2001. 1st record of self-sown plants.

†160/4.1. *PHORMIUM TENAX* \*113(A), Channel Is. (Alderney): Established on bank between two fields, La Petite Blaye, WA563071, B. Bonnard, 1988.

162/3.1. *EPIPACTIS PALUSTRIS* 51, Flints.: Sloping field with stream, between Cefn-y-bedd and Plas Maen, SJ306562, S. Taylor, 1999. 1st recent record.

162/13.1. *PLATANATHERA CHLORANTHA* 51, Flints.: Tall grass and scrub on limestone, Pantymwyn, SJ195651, M. Brumage, 2000. 1st recent record.

162/15.1. *PSEUDORCHIS ALBIDA* 93, N. Aberdeen: Rocky grassland, Cairnie, NJ4844, J. Warren & M. Ford, 1998. 1st recent record.

162/15.1×16.1. ×*PSEUDADENIA SCHWEINFURTHII* (*PSEUDORCHIS ALBIDA* × *GYMNADENIA CONOPSEA*) \*96, Easternness: Juniper/*Calluna* scrub, Whitewells, Rothiemurchus, NH914088, Mr & Mrs D.M. Thomas, 2000, det. F. Rose.

162/16.1c. *GYMNADENIA CONOPSEA* subsp. *BOREALIS* \*81, Berwicks.: Damp grassland slope near small stream, near The Cromwells, NT595503, D.G. Long, 2000, det. M.E. Braithwaite.

162/18.3c. *DACTYLORHIZA INCARNATA* subsp. *PULCHELLA* \*81, Berwicks.: 3 plants in flushed grassland, Fangrist Burn, NT694482, M.E. Braithwaite, 2000, det. R. Bateman.

162/18.7. *DACTYLORHIZA TRAUNSTEINERI* \*46, Cards.: Dune slack, Ynys-las Dunes NNR, SN606936, S.P. Chambers, 2001, conf. I. Denholm.

162/22.1. *HIMANTOGLOSSUM HIRCINUM* 13, W. Sussex: 1 plant on S verge of lane running along N side of chalk pit museum, Amberley Mount, TQ031123, S. Mockford, 2000. 1st recent record.

