

Plant Records

Records for publication must be submitted to the appropriate Vice-county Recorder (see *BSBI Year Book 2008*), and not to the Editors. Following publication of the *New Atlas of the British & Irish Flora* and the *Vice-county Census Catalogue*, new criteria have been drawn up for the inclusion of records in *Plant Records*. (See *BSBI News* no. 95, January 2004 pp10 & 11). These are outlined below:

- First records of **all** taxa (species, subspecies and hybrids) included in the VCCC, designated as native, archaeophyte, neophyte or casual.
- First record since 1970 of the taxa above, except in the case of *Rubus*, *Hieracium* and *Taraxacum*.
- Records demonstrating the rediscovery of all taxa published as extinct in the VCCC or subsequently.
- Newly reported definite extinctions.
- Deletions from the VCCC (e.g. through the discovery of errors, the redetermination of specimens etc.) **NB** – only those errors affecting VCCC entry.
- New 10km square records for Rare and Scarce plants, defined as those species in the *New Atlas* mapped in the British Isles in 100 10km squares or fewer. (See *BSBI News* no. 95, January 2004 pp 36–43).

Records for the subdivisions of vice-counties will not be treated separately; they must therefore be records for the vice-county as a whole. However, records will be accepted for the major islands in v.cc. 100, 102–104, 110 and 113.

In the following list, 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. 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. For all records 'det.' or 'conf.' appear after the herbarium if the determination was based on material already in an institutional herbarium, otherwise before the herbarium.

The following signs are used:

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

† before the species number: to indicate that the plant is an archaeophyte.

‡ before the species number: to indicate that the plant is a neophyte.

© before the species number: to indicate that the plant is a casual.

The above 3 signs may also be used before the vice-county number to indicate the status of the plant in that vice-county.

® before the vice-county number: to indicate that this is an additional hectad for a Rare or Scarce plant.

Ø at end of entry: established taxon not in Vice-County Census Catalogue. Name of authority provided.

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

From now on records will be published in two separate sections – 1) NATIVES (including archaeophytes) and 2) ALIENS (neophytes and casuals).

The following list contains the second set of records up to and including the year 2007. Records up to and including the year 2008 will be published in the next issue of *Watsonia*.

ARCHAEOPHYTES AND NATIVES

Osmunda regalis 6/1.1. *31, Hunts.: wet ditch, Holme Fen NNR, TL1989, D. A. Broughton, 2007, conf. T. C. E. Wells. Origin unknown but not planted; colonisation from native source no less likely than non-native source.

Gymnocarpium dryopteris 16/4.1. *17, Surrey: TQ05, R. Skipper, 2007.

Polystichum setiferum 17/1.1. 31, Hunts.: ancient woodland, Waresley Wood, TL263546, T. Balbi, 2000. 1st record since 1846.

Polystichum ×bicknellii (**P. setiferum** × **aculeatum**) 17/1.1×2. *64, Mid-W. Yorks.: limestone pavement, Malham Cove, SD897641, B. Brown, 2007.

Dryopteris ×complexa (**D. filix-mas** × **affinis**) 17/3.2×3. *64, Mid-W. Yorks.: woodland on hillside, Otley Chevin, SE213444, B. Brown, 2007, det. K. Trewren.

Helleborus foetidus 28/3.1. *© 45, Pembs.: frequent, in full flower, on roadside bank, Uzmaston Road, Haverfordwest, SM956155, S. B. & A. E. Evans, 2007. A location where garden waste is dumped.

†**Fumaria parviflora** 31/5.9. *44, Carms.: waste ground opposite end of New Dock Road, Llanelli, SS510988, G. Hutchinson & I. K. Morgan, 1992, det. T. C. G. Rich, NMW.

†**Chenopodium ficifolium** 43/1.13. *50, Denbs.: field edge, Sutton Green, SJ415488, M. Stead, 2007, conf. G. Kay.

Atriplex portulacoides 43/3.10. *‡64, Mid-W. Yorks.: road verge, Stonehouse, SE1558, Wharfedale Nats. Soc. 2007, det. N. Vernon.

Spergularia marina 46/17.3. *‡31, Hunts.: roadside, Great Stukeley, TL219746, K. J. Walker, 2004.

†**Silene gallica** 46/20.11. 70, Cumberland: 30 stems in disused sandpit, New Cowper, NY117458, D. Muscat, 2007, LANC. 1st record since early 19th C.

Rumex ×abortivus (**R. conglomeratus** × **obtusifolius**) 47/8.14×19. *44, Carms.: by cycle track (northern verge), Penclacwydd Wildfowl & Wetlands Centre, E. of Llanelli, SS533980, M. O. Stead & BSBI meeting, 2006, det. G. Kitchener, NMW.

Hypericum linariifolium 51/1.11. 43, Rads.: Dolyhir near Stanner, SO246.583, A. Shaw, 2006. 1st record since 1945.

Lavatera arborea 53/2.1. *‡62, N. E. Yorks.: several self-sown plants in rough grassland, Skelton, NZ658193, V. Jones & M. J. Yates, 2007.

[**Helianthemum canum** subsp. **levigatum** 56/2.3c. 64, Mid-W. Yorks. & 69, Westmorland. Delete. The VCCC records are errors for subsp. *incanum*.]

Frankenia laevis 59/1.1. *‡46, Cards.: mat 50 × 25 cm in shingly waste ground, presumably self-sown from flowerbed 7 m away where it grows, S end of Borth, SN607889, A. O. Chater & J. P. Poland, 2007.

†**Salix ×rubens** (**S. fragilis** × **alba**) 61/2.2×3. *78, Peebles.: one large tree on the v.c boundary, Well Burn, Eastfield, near Biggar, NT035356, D. J. McCosh, 1999.

Salix ×reichardtii (**S. caprea** × **S. cinerea**) 61/2.10×11. 44, Carms.: willow-dominated scrub, Huntsman Chemical Works, Bynea, Llanelli, SS556986, Llanelli Naturalists meeting, 2007, det. G. Hutchinson. 1st recent record.

†**Erysimum cheiranthoides** 62/7.1. 51, Flints.: many plants in weedy field, Tyn-y-ffordd, Bodfari, SJ087701, J. A. Green, 2007. 1st recent record.

Rorippa islandica 62/12.3. *70, Cumberland: grazed, muddy hollow, Gilwilly Industrial Estate Penrith, NY507307, R. W. M. Corner, 2007, conf. T. C. G. Rich, LANC.

†**Camelina sativa** 62/24.1. *‡69, Westmorland: abundant in field by A684, Killington, SD599918, A. M. Boucher, 2007, LANC. Relict of 'conservation mixture'.

Pyrola rotundifolia subsp. **maritima** 66/1.3b. *49, Caerns.: disused quarry floor, Trefriw, SH7861, I. Fraser, 2007.

Potentilla tabernaemontani 75/9.12. ®64, Mid-W. Yorks.: grassland, Whitewell, SD653465, P. C. G. Green, 2007.

Rosa ×sabinii (**R. spinosissima** × **mollis**) 75/21.5×17. *78, Peebles.: Innerleithen, NT33, A. Craig Christie, 1873, E, det A.L. Primavesi. Amongst large collection at E determined by A. L. Primavesi.

Rosa ×*dumalis* (**R. canina** × *caesia* subsp. *vosagiaca*) 75/21.12×13b. *105, W. Ross: roadside scrub, Camusterrach, NG7141, R. Maskew, 2005. Hybrid with *R. caesia* as female parent.

[*Rosa* ×*molletorum* (**R. canina** × *mollis*) 75/21.12×17. 37, Worcs.: delete from VCCC. Specimen corresponding to single 1999 record now considered a complex indeterminate hybrid (R. Maskew 2006).]

[*Rosa caesia* subsp. *caesia*, 75/21.13a. 37, Worcs.: delete from VCCC. Specimen corresponding to single 1991 record re-determined as *R. canina* c.v. (R. Maskew 2004).]

Rosa caesia subsp. *caesia*, 75/21.13a. *46, Cards.: about ten bushes in roadside hedges, 1.5 km E of Oakford, SN467578, R. Maskew & A. O. Chater, 2007, det. R. Maskew, NMW.

Rosa caesia subsp. *vosagiaca* 75/21.13b. 105, W. Ross: roadside scrub, Camusterrach, NG7141, R. Maskew, 2005. Last confirmed v.c. record 1938.

Rosa ×*rogersii* (**R. caesia** subsp. *vosagiaca* × *tomentosa*) 75/21.13b×15. *37, Worcs.: scrub on edge of bridleway, Abbots Morton, SP036555, R. Maskew, 2001, **herb. R. Maskew**, det. R. Maskew & A. L. Primavesi as hybrid with *R. tomentosa* as female parent. Ø

Rosa caesia subsp. *vosagiaca* × *sherardii* 75/21.13b×16. 105, W. Ross: roadside scrub, Camusterrach, NG7141, R. Maskew, 2005, **herb. R. Maskew**, hybrid with *R. caesia* as female parent. Last confirmed v.c. record 1938. Ø

Rosa ×*obovata* (**R. caesia** subsp. *vosagiaca* × *rubiginosa*) 75/21.13b×18. *108, W. Sutherland: single bush on roadside, Kyle of Tongue, NC5554, R. Maskew, 2007, **herb. R. Maskew**, hybrid with *R. rubiginosa* as female parent. Ø

Rosa ×*avrayensis* (**R. tomentosa** × *rubiginosa*) 75/21.15×18. *37, Worcs.: two bushes with both parents, in scrub, Penny Hill Quarry, Martley, SO752614, R. Maskew, 2006, **herb. R. Maskew**, hybrid with *R. tomentosa* as female parent.

Rosa mollis 75/21.17. 36, Herefs.: several bushes on rocky hillside, Black Darren, SO295295, M. Jannink, 2007, conf. R. Maskew *in situ*, **herb. R. Maskew**. Only previous confirmed v.c. record 1907.

Rosa ×*bigenis* (**R. rubiginosa** × *micrantha*) 75/21.18×19. *37, Worcs.: few bushes with both parents, in scrub, Penny Hill Quarry, Martley, SO752615, R. Maskew, 2006, **herb. R. Maskew**, hybrid with *R. micrantha* as female parent.

†*Pyrus pyraeaster* 75/26.2. 44, Carms.: one tree near old cottage, bank of Nanrthydw, Pontantwn, SN434139, J. A. Green, 2007, det. A. O. Chater & G. M. Kay, NMW.

Vicia lutea 77/14.13. *‡44, Carms.: six robust plants in compacted development plateau, presumably introduced with seed mix, Parc Hendre development site, Capel Hendre, SN599109, B. Stewart, 2007, NMW.

Vicia bithynica 77/14.14. ‡17, Surrey: near to remains of gravel pit lake, Molesey Heath, West Molesey, TQ132673, R. Alder, R. D. Baker, M. Parslow, B. M. Spooner & Whitfield, 2007. A good colony with *Rumex palustris* and *Euphorbia* ×*pseudovirgata*. 1st record since 1970.

Epilobium ×*subhirsutum* (**E. hirsutum** × *parviflorum*) 84/1.1×2. *38, Warks.: with both parents in field near disused railway, Burton Green, near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**. With 7 other *Epilobium* hybrids!

Epilobium ×*brevipilum* (**E. hirsutum** × *tetragonum*) 84/1.1×5. *38, Warks.: with both parents in set-aside field, Burton Green, near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**.

Epilobium ×*waterfallii* (**E. hirsutum** × *palustre*) 84/1.1×9. *44, Carms.: rank grassland, with both parents, West Tip, Cross Hands, SN561134, R. D. & K. A. Pryce, 2007, det. G. Kitchener, NMW. 1st confirmed record.

Epilobium ×*palatinum* (**E. parviflorum** × *tetragonum*) 84/1.2×5. *38, Warks.: with both parents in set-aside field, Burton Green near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**.

Epilobium ×*dacicum* (**E. parviflorum** × *obscurum*) 84/1.2×6. 38, Warks.: with both parents in field near railway, Burton Green, near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**. 1st record since 1874.

Epilobium ×*interjectum* (**E. montanum** × *ciliatum*) 84/1.3×8. *38, Warks.: about 10 plants, Stables farmyard, Snitterfields, SP252597, J. W. Partridge, 2004, det. G. D. Kitchener, **WARMS**.

Epilobium ×*lamotteanum* (**E. lanceolatum** × *obscurum*) 84/1.4×6. *44, Carms.: lane bank off bend in driveway up to Forge Farm, Forge Quarry, Cwmdwyfran, SN408257, G. Hutchinson, 1997, det. G. Kitchener, NMW.

Epilobium xsemiobscurum (**E. tetragonum** × **obscurum**) 84/1.5×6. *38, Warks.: with both parents in set-aside field, Burton Green, near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**.

Epilobium xmentiens (**E. tetragonum** × **ciliatum**) 84/1.5×8. 38, Warks.: with both parents in set-aside field, Burton Green, near Coventry, SP2775, G. D. Kitchener, 2007, **WARMS**. 1st record since 1965.

Euphorbia serrulata 91/2.7. *©44, Carms.: garden weed, abundantly self-sowing, Garregwen Farm, Penrhiwgoch, SN561185, G. Hutchinson, R. D. & K. A. Pryce, 2005, det. T. Walker, **NMW**. Also seen, in 2007, by M. Stead & BSBI group in river shingle at Llanwrda (SN716307).

Geranium rotundifolium 103/1.4. *31, Hunts.: improved grassy verge by cyclepath, Woodston, TL1797, D. A. Broughton, 2007.

Pimpinella major 107/13.1. 70, Cumberland: roadside verge, Storms, east of Keswick, NY290243, R. E. Groom, 2007, **LANC**. 1st record since 1939.

Ligusticum scoticum 107/36.1. *‡70, Cumberland: one non-flowering plant in dunes, Blitterlees, Silloth, NY099519, R. E. Groom, 2007, **LANC**.

†**Vinca minor** 109/1.1. 48, Merioneth: in quantity near houses on a roadside, near Mallwyd, SH81, P. M. Benoit, 2007. 1st record since 1970.

†**Hyoscyamus niger** 110/4.1. @52, Anglesey: disturbed ground, Penial Downyn, SH293832, J. Rees, 2007. New hectad and 1st record in the v.c. since 1979.

Calystegia sepium subsp. **roseata**, 111/3.2b. *31, Hunts.: locally abundant on edge of birch woodland in fen, Holme Fen NNR, TL1989, D. A. Broughton, 2007.

†**Lamium hybridum** 118/5.4. *43, Rads.: near Howey, SO067586, B. Laney, 2007.

Nepeta cataria 118/13.1. ‡49, Caerns.: many plants on disturbed soil mound, Llandygai industrial estate, SH5971, W. McCarthy, 2007. 1st record for at least 40 years.

Clinopodium acinos 18/18.5. 50, Denbs.: rocky path, Eglwysleg, Llangollen, SJ223468, J. L. Roberts, 2007, conf. J. A. Green, **NMW**. 1st record since 1970.

Mentha xgracilis (**M. arvensis** × **spicata**) 118/23.1×3. *‡31, Hunts.: woodland ride, Folksworth, North Wood, TL133897, K. J. Walker, 2004.

Mentha suaveolens 118/23.4. ‡50, Denbs.: roadside, Coedpoeth, SJ302512, J. L. Roberts, 2007. 1st record since 1970.

Callitriche brutia 120/1.6. *51, Flints.: mesotrophic pond, Maes-y-grug between Alltami and Northophall, SJ262665, S. Whild, 1994. 1st record (although in VCCC).

Euphrasia nemorosa × **confusa** 124/20.7×9. *17, Surrey: two colonies in firebreak, Chobham Common, SU968652, A. Wragg, 2007. Voucher specimen retained. *48, Merioneth: in long grass by road junction, Trystion valley above Cynwyd, SJ04, S. E. Stille, 2007, det. A. J. Silverside.

Pedicularis palustris 124/25.1. 31, Hunts.: mixed fen community, Woodwalton Fen, TL229848, N. Millar, 2005. First record since 1913.

†**Sambucus ebulus** 131/1.4. 78, Peebles.: North Slipperfield, NT1251, J. H. Penson, 1970. Source - J. H. Penson's notebooks. 1st record since 1970. Site searched in 2007; not found.

†**Valerianella carinata** 133/1.2. *31, Hunts.: ditch bank by road, Conington, TL194869, W. R. Meek, 2005.

Centaurea xmoncktonii (**C. nigra** × **jacea**) 135/11.7×jac. *35, Mons.: 2 plants near the bottom of a barish grassy bank on the edge of A466, near Wyndcliff, ST523970, T. G. Evans, 2007. 1st record since 1970 & 1st Welsh record as a spontaneous hybrid. This rayed knapweed has colourless combs of different shapes on its outer phyllaries ranging from those on *C. jacea* to some approaching those of *C. nigra*.

Picris hieracioides 135/17.2. 69, Westmorland: one plant on verge of M6, Dillicar, Lowgill, SD622982, M. S. Porter, 2007. 1st record since 1970.

Taraxacum naevosiforme 135/25.5.41. *46, Cards.: road verge, SW of Maesnant, Pumlumon, SN773878, S. P. Chambers, 2007, det. A. J. Richards, **NMW**.

Hieracium consociatum Jord. ex Boreau 135/28.7.con. *44, Carms.: on the cliff E of the spillway and the parking area, Llyn Brianne, SN793484, J. Sawtschuk, 2006, det. D. J. McCosh, **NMW**. *47, Monts.: a few plants on old bridge, Abermule Dingle, SO167935, A. K. Thorne, 2007, det. D. J. McCosh. Ø

Hieracium cinderella 135/28.8.135. 47, Monts.: a few plants on rock-face in woodland, Dolforwyn Wood, SO156958, A. K. Thorne, 2007, det. D. J. McCosh. 1st record since 1970 and new site.

Senecio xostenfeldii (*S. jacobaea* × *aquaticus*) 135/62.10×11. *78, Peebles.: Ada Hill, Eddleston, NT234488, L. Gaskell, 2006.

Senecio erucifolius 135/62.12. *69, Westmorland: north side of canal, opposite garage, Crooklands, SD539828, J. Clarke, 2007, **LANC**. 1st definite record.

Alisma lanceolatum 137/4.2. 51, Flints.: mesotrophic pond, Maes-y-grug between Alltami and Northophall, SJ262665, S. Whild, 1994. 1st record since 1930.

Potamogeton xsparganiifolius (*P. natans* × *gramineus*) 142/1.1×6. *46, Cards.: abundant on silty shoals among *Myriophyllum alterniflorum*, in Afon Teifi just above Pont Einon, Cors Caron, SN671614, R. V. Lansdown, 2005, det. C. D. Preston, **NMW, CGE**. The *P. gramineus* parent is not known in the river or in the v.c.

Juncus xdiffusus (*J. inflexus* × *effusus*) 151/1.25×26. 49, Caerns.: disused quarry floor, Trefriw, SH7862, W. McCarthy, 2007, conf. P. Benoit. 1st record since 1970.

Juncus xkern-reichgeltii (*J. effusus* × *conglomeratus*) 151/1.26×27. *44, Carms.: frequent in unimproved acid grassland, Hafod Wenol SSSI, Mynydd Betws, SN676095, BSBI meeting, 2007, conf. A. O. Chater & J. P. Poland. 1st published record.

Trichophorum cespitosum nothosp. **foersteri** (*T. cespitosum* subsp. **cespitosum** × **cespitosum** subsp. **germanicum**) 152/2.2a×2b. *46, Cards.: hollows in raised bog, Gors Goch, 800 m NW of Llyn Fanod, SN597649, A. O. Chater & S. D. S. Bosanquet, 2007.

Schoenoplectus lacustris 152/7.1. 35, Mons.: many patches on south margin of Tesco attenuation pond, between Magor and Llanwern, ST404864, S. J. Tyler, 2007, conf. T. G. Evans. 1st record since 1970 and a new hectad for this very uncommon v.c. plant.

Carex paniculata 152/16.1. 48, Merioneth: four plants on wet wooded slope, Dolgoch ravine, SH60, P. M. Benoit, 2007. 1st recent record: a rediscovery of the locality and updating for the hectad from K. M. Stevens, 1969.

Carex diandra 152/16.3. 43, Rads.: Rhosgoch Common, SO194481, S. D. S. Bosanquet, 2007. Also seen in 2007, by A. Ferguson, at SO200486 on Rhosgoch Common. 1st recent records. Previously reported from Llandrindod Wells (1919) and Rhosgoch Common (1948).

Carex xsubgracilis (*C. acutiformis* × *acuta*) 152/16.25×65. *17, Surrey: large colony with both parents present, Chertsey Meads, Area 3b, TQ063662, G. Hounscome & B. W. Phillips, 2007. Known for some years but only just determined.

Carex viridula subsp. **brachyrrhyncha** 152/16.46a. 47, Monts.: upland runnel, Bryncoch Farm, SJ013081, D. Reed, 2007, conf. A. Jones. 4th site but 1st confirmed record.

Festuca ovina subsp. **hirtula** 153/12.8b. *62, N. E. Yorks.: several plants in heathy grassland, Biller Howe Dale, NZ912017, V. Jones & M. J. Yates, 2007.

Lolium xboucheanum (*L. perenne* × *multiflorum*) 153/13.1×2. *31, Hunts.: margin of arable adjacent to improved grassland, Sawtry, TL168826, D. A. Broughton, 2008. *62, N. E. Yorks.: set-aside, by River Rye near Helmsley, SE626827, V. Jones & W. A. Thompson, 2007, conf. A. Copping, **herb. V. Jones**.

Poa infirma 153/18.1. *†31, Hunts.: road verge, Conington, TL189863, W. R. Meek, 2005, det. A. C. Leslie.

Agrostis xmurbeckii (*A. capillaris* × *stolonifera*) 153/39.1×4. *44, Carms.: sunny places on poached ground by gate at N side of enclosure, Caeau Blaenau Mawr SSSI, Capel Hendre, SN594122, A. O. Chater, 2006, **NMW**.

×**Agropogon littoralis** (*Agrostis stolonifera* × **Polyogon monspeliensis**) 153/39×46/4×1. *©63, S. W. Yorks.: waste ground, old mill site, Bradford, SE133333, B. A. Tregale & M. Wilcox, 2007.

†**Apera spica-venti** 153/44.1. *©48, Merioneth: two plants in dirt at base of fence separating the railway track from the footway, Barmouth Viaduct, SH61, P. M. Benoit, 2007.

Alopecurus xbrachystylus (*A. pratensis* × *geniculatus*) 153/47.1×2. *63, S. W. Yorks.: damp grassland edge near Maythorn, SE1805, P. Middleton, 2007.

Phleum arenarium 153/49.5. *©63, S. W. Yorks.: sandy acidic terrain, Lower Whitley Edge, SE1804, M. J. Lucas, 2003.

Brachypodium pinnatum 153/54.1. *42, Breccs.: patch about 2 sq.m. in disused limestone quarry, Penwyllt, SN857156, M. & C. Porter, 2007, det. M. Porter. **herb. M.P.**

Elytrigia xacuta subsp. **obtusiuscula** (**E. atherica** × **juncea**) 153/56.2×3a. *44, Carms.: Dune slope, W of Ginst Point, Laugharne, SN322077, A. O. Chater & S. D. S. Bosanquet, 2006, **NMW**. Pollen empty, somewhat shrunken.

Hordelymus europaeus 153/58.1. ©69, Westmorland: several tufts on semi-shaded limestone slope in woodland, Witherslack, SD428870, I. Taylor, 1994, **LANC** (2007).

Allium schoenoprasum 158/24.1. *‡64, Mid-W. Yorks.: road verge, Greenhow Hill Road, SE1558, Wharfedale Nats. Soc. 2007, det. N. Vernon.

×**Dactyloдения st-quintinii** (**Gymnadenia conopsea** × **Dactylorhiza fuchsii**) 162/16×18.1×1.

*78, Peebles.: Glenfield Farm, Peebles, NT24, W. Bell, 1998, det. R. Bateman.

Dactylorhiza fuchsii × **D. incarnata** subsp. **coccinea** 162/18.1×3b. *63, S. W. Yorks.: Woodhall Quarry near Calverley, SE197353, M. Wilcox, 1997.

NEOPHYTES AND CASUALS

‡**Selaginella kraussiana** 2/1.2. *35, Mons.: 10 x 2 m on barish patches in grass, below N wall of church, Llangybi, ST373967, S. D. S. Bosanquet, 2006.

‡**Pinus nigra** subsp. **nigra** 20/7.2a. 44, Carms.: disturbed, quite dry dune slack, Tywyn Burrows, SN363055, BSBI meeting, 2007, det. A. O. Chater. Also seen in 2007, by M. & J. Ilfiff, in Ystrad Ffin Churchyard (SN787471). 1st records as neophyte.

‡**Helleborus orientalis** 28/3.3. *42, Brecks.: hedge near Llangynidr, SO165198, M. & C. Porter, 2007. First seen here in 2000.

‡**Nigella damascena** 28/5.1. 46, Cards.: pathside bank disturbed in c.2005, Cefn-llan, Llanbadarn Fawr, SN599814, S. P. Chambers, 2007. 1st record as neophyte.

‡**Anemone blanda** 28/9.bla. *46, Cards.: well naturalised on shaded stream bank, Llanrhystud, SN541698, A. O. Chater, 2007, **NMW**.

‡**Ranunculus ficaria** subsp. **ficariiformis** 28/13.17c. *31, Hunts.: shady footpath in village, Alwalton, TL134962, R. Woodall, 2002, conf. T. C. E. Wells, Specimen in **ABRN**.

‡**Berberis thunbergii** 29/1.2. 46, Cards.: self-sown bush in scrub on pasture slope, north bank of Cwm Rheidol Reservoir, SN698793, A. O. Chater, 2007. 1st record as neophyte. *62, N. E. Yorks.: bird-sown in rough wasteland, N of A66, South Bank, NZ532209, V. Jones & W. A. Thompson, 2007.

‡**Berberis wilsoniae** 29/1.4. 44, Carms.: two self-sown bushes plus several seedlings and small plants in vicinity on limestone-aggregate surfaced yard of derelict Ennis Caravans site, Cross Hands, SN559128, R. D. & K. A. Pryce & G. Hutchinson, 2007.

‡**Berberis wilsoniae** × **aggregata** 29/1.4×5. *70, Cumberland: bank of River Ehen, exit from Ennerdale Lake, NY088152, R. E. Groom, 2007, **LANC**. 1st noted 2003. Ø

‡**Berberis julianae** 29/1.7. *44, Carms.: waste ground at front of disused caravan-park, Cross Hands, SN559128, G. Hutchinson, 2007, **NMW**. 1st Welsh record.

‡**Berberis darwinii** 29/1.9. *52, Anglesey: well established around rocky outcrop, Trearddur, SH265796, I. Bonner & C. Aron, 2007. *62, N. E. Yorks.: several bird-sown bushes on bare ground by railway N of Teesside Park, NZ476194, V. Jones & W. A. Thompson, 2007.

‡**Morus nigra** 35/1.1. *44, Carms.: hedgerow near to exit of field, near house, Glan Rhyd, Pontantwn, SN433134, G. M. Kay *et al.* 2007. 1st v.c. record outside garden.

‡**Nothofagus alpina** 39/2.2. *69, Westmorland: two trees by path east of Birkbeck Cottage, Coniston, SD317965, G. Lines, 2007, **LANC**.

‡**Betula ermanii** Chamisso 40/1.erm. *51, Flints.: Nature Reserve on old industrial site, Rhydymwyn, SJ205668, J. Phillips, 2006, det. G. Hutchinson, **NMW**. Ø 1st Welsh record.

‡**Alnus rubra** 40/2.rub. *62, N. E. Yorks.: several, naturally regenerating, by side of forestry track, Battersby Plantation near Ingleby Greenhow, NZ598066, V. Jones, 2007, **herb V. Jones**.

©**Chenopodium urbicum** 43/1.11. *77, Lanarks.: rough ground at King George V Dock, Glasgow, NS5366, P. Macpherson, 2007, det. E. J. Clement.

‡**Atriplex halimus** 43/3.9. *70, Cumberland: one bush in shelter-belt by railway sidings, Maryport, NY030361, R. E. Groom, 2007, **LANC**.

©**Corispermum leptopterum** (Asch.) 43/COR.lep. *51, Flints.: scattered plants in light sandy soil on industrial site, Paper Mill, Deeside, SJ307719, L. Charter, 2007, det. G. M. Kay, conf. E. J. Clement. Ø

- ©**Amaranthus hybridus** 44/1.2. *31, Hunts.: disturbed ground, Upwood Airfield, TL265846, A. Wallis, 2006, conf. T. C. E. Wells.
- ‡**Lychnis chalconica** 46/18.cha. *70, Cumberland: roadside bank, Borrowdale Road, Keswick, NY267229, Moffat, 2006, LANC 2007.
- ‡**Persicaria capitata** 47/1.cap. *70, Cumberland: cracks in garden path, Cockermouth, NY117306, S. R. Cowen, 2006, det. R. E. Groom, LANC.
- ‡**Fallopia xbohemica** (**F. japonica** × **sachalinensis**) 47/5.1×2. *62, N. E. Yorks.: large patches in woodland, Peasholm Glen, Scarborough, TA033892, V. Jones & W. A. Thompson, 2007, herb. V. Jones.
- ‡**Rheum xhybridum** (**R. palmatum** × **rhaponticum** 47/7.pal×rha. *49, Caerns.: persisting on soil dumped by coast path, Criccieth, SH4837, W. McCarthy & M. Stead, 2007.
- ‡**Rumex scutatus** 47/8.2. *77, Lanarks.: trackside, Harthill, NS9064, P. Macpherson & J. R. Hawell, 2007, det. E. J. Clement, herb. P.M. Probably the result of fly tipping.
- ‡**Paeonia officinalis** 49/1.off. 51, Flints.: dense birch woodland, no doubt an established garden throw-out but some distance from houses, Caerestyn, E of Caergwrle, SJ316575, G. Wynne, 1999. 2nd published record but predates that published in Welsh Plant Records 2006.
- ‡**Hypericum xinodorum** (**H. androsaemum** × **hircinum**) 51/1.3×4. *31, Hunts.: near buildings, Monks Wood Experimental Station, TL201798, K. J. Walker, 2006. Colonised from nearby garden. *52, Anglesey: naturalised by former habitation, Holyhead, SH224823, O. Mountford, 2006. 69, Westmorland: plant 2–3 m tall in old quarry, Levens, SD499870, G. Halliday, 2007, LANC. Garden outcast. 1st record since early 19th C.
- ‡**Hypericum 'Hidcote'** 51/1.Hid. *44, Carms.: established on roadside bank near Amroth, SN182076, A. O. Chater *et al.* 2007, det. G. Hutchinson.
- ©**Hypericum olympicum** 51/1.oly. L. *62, N. E. Yorks.: a few plants self-sown at base of wall, Kirklevington, NZ429099, V. Jones, 2007, conf. E. J. Clement, herb. V. Jones. Ø
- ‡**Lavatera xclémentii** (**L. olbia** × **thuringiaca**), 53/2.olb×thu. *69, Westmorland: waste ground by infilled canal, Kendal, SD518930, A. M. Boucher, 2007, LANC.
- ‡**Cucurbita pepo** 60/CUT.pep. *17, Surrey: probably a single large plant on top of manure heap on arable field edge to W of Raikes Farm, Sutton Abinger, TQ103463, S. D. Mellor, 2007. Large, glaucous, globose fruits.
- ‡**Sisymbrium altissimum** 62/1.5. 46, Cards.: reseeded road verge, Waun crossroads, Aberystwyth, SN599821, S. P. Chambers, 2007, conf. T. C. G. Rich, NMW. 2nd post-1930 record & 1st as neophyte.
- ‡**Erophila glabrescens** 62/22.3. *48, Merioneth: weed of flower beds, Barmouth, SH61, P. M. Benoit, 2007.
- ‡**Lepidium sativum** 62/30.1. 46, Cards.: path-side, Cwm Padarn, Llanbadarn Fawr, SN600814, S. P. Chambers, 2007. 2nd post-1950 record and 1st as a neophyte.
- ‡**Brassica napus** subsp. **oleifera** 62/34.2a. 44, Carms.: several plants in corner of construction site, Whitland, SN203167, R. D. Pryce, 2007. 1st record of subspecies.
- ‡**Lysimachia ciliata** 69/4.4. *42, Brecks.: probable bird-seed introduction into garden near Bwlch, SO142229, J. Hieatt, 2007, det. M. Porter, herb. M.P.
- ‡**Lysimachia punctata** 69/4.5. *31, Hunts.: legume-rich verge, Conington Airfield, TL194868, N. Crossman, 2006, conf. T. C. E. Wells.
- ‡**Deutzia scabra** 71/DEU.sca. *17, Surrey: small bush in hedgerow, Hoyle Hill, Capel, TQ176421, P. Follett & S. A. Follett, 2007.
- ‡**Hydrangea macrophylla** 71/HYD.mac. *49, Caerns.: sandy bank at top of beach, Porth Dinllaen, SH2741, W. McCarthy, 2007. Also seen by W. McCarthy on slate quarry waste at Llanllechid (SH6369). *52, Anglesey: naturalised by former habitation, Holyhead, SH224823, O. Mountford, 2006.
- ‡**Rodgersia podophylla** 74/2.1. *52, Anglesey: several sizeable clumps well established in woodland, Pwll-fanogll, Llanfair-Pwllgwyngyll, SH5271, N. Brown, 2007.
- ‡**Bergenia xschmidtii** (**B. crassifolia** × **ciliata**) 74/3.1×cil. *46, Cards.: one clump established on grassy slope by scrub, SSW of Lifeboat Station, New Quay, SN389597, A. O. Chater & J. P. Poland, 2007. Ø
- ‡**Tolmiea menziesii** 74/7.1. *44, Carms.: originally introduced but well established on shady riverside bank, Maes-yr-Hafod, Trelech, SN303331, R. D. & K. A. Pryce, 2007.

- ‡**Tellima grandiflora** 74/8.1. **43**, Rads.: near Ednol Hill, Radnor Forest, SO235642, R. G. Woods, 2007. 1st record since 1961.
- ‡**Spiraea xrosalba** (*S. salicifolia* × *alba*) 75/3.1×2. ***52**, Anglesey: naturalised by former habitation, Holyhead, SH224823, O. Mountford, 2006.
- ‡**Aruncus dioicus** 75/4.1. ***62**, N. E. Yorks.: persisting and naturally regenerating by pool in village, Thornton-le-Dale, SE836831, V. Jones & W. A. Thompson, 2007.
- ‡**Holodiscus discolor** 75/5.1. ***62**, N. E. Yorks.: three large and four small plants in mere-side scrub, the latter presumably natural regeneration, The Mere, Scarborough, TA035859, V. Jones & W. A. Thompson, 2007, **herb. V. Jones**.
- ‡**Filipendula xpurpurea**, 75/6.pur. ***62**, N. E. Yorks.: several long-established plants at edge of damp woodland, Grey Towers, Nunthorpe, NZ533135, V. Jones & W. A. Thompson, 2007, conf. E. J. Clement, **herb. V. Jones**. Previously known as *Filipendula camtschatica*
- ‡**Kerria japonica** 75/7.1. ***42**, Brecks.: hedge, near Bwlch, SO162223, M. & C. Porter, 2006. ***44**, Carms.: self-sown in mortared stone wall, Llandovery Castle, SN767342, R. D. Pryce, 2007, **NMW**. 1st published record.
- ‡**Rubus armeniacus** 75/8.134. ***31**, Hunts.: woodland edge on edge of village, Alwalton, TL132961, D. A. Broughton, 2007.
- ‡**Potentilla recta** 75/9.7. ***42**, Brecks.: seeding on gravel paths in garden (not planted), Llangynidr, SO151198, M. Tillotson, 2006, det. M. Porter, **herb. M.P.**
- ‡**Duchesnea indica** 75/12.1. ***69**, Westmorland: beneath trees in St Thomas's churchyard, Kendal, SD513931, A. M. Boucher, 2007, **LANC**.
- ‡**Acaena ovalifolia** 75/18.3. ***62**, N. E. Yorks.: appeared as a garden weed, Ingleby Greenhow, NZ580063, V. Jones, 2007, conf. E. J. Clement, **herb. V. Jones**. May have been brought in by visiting birds.
- ‡**Acaena inermis** 75/18.4. ***69**, Westmorland: weed of garden path, Kendal, SD5192, M. James, 2007, **LANC**.
- ‡**Alchemilla conjuncta** 75/19.2. ***44**, Carms.: garden escape at seaward end of valley, Morfa Bychan, near Pendine, SN2207, J. Rees, 1996, det. G. Hutchinson, **NMW**. Also seen, by G. Hutchinson, in 2007, spreading on Carboniferous Limestone wall top, Crwbin (SN473131).
- ‡**Rosa rugosa** 75/21.6. ***31**, Hunts.: road verge on urban fringe, Peterborough, Orton Southgate, TL140942, D. A. Broughton, 2007. ***108**, W. Sutherland: a few scattered bushes on roadside, Scourie, NC1543, R. Maskew, 2007.
- ‡**Rosa rubiginosa** 75/21.18. **48**, Merioneth: in quantity and flourishing in a newly planted hedge near Coleg Meirion, Dolgellau, SH71, P. M. Benoit, 2007. 1st recent record.
- ‡**Rosa majalis** Herrm. 75/21.maj. ***37**, Worcs.: Wannerton Downs near Kidderminster, SO8778, W. Mathews, 1849, **WOS**, det. R. Maskew. Ø Only confirmed v.c. record.
- ‡**Rosa sempervirens** L. 75/21.sem. ***37**, Worcs.: bushy place around pit in field, Madresfield, SO8047, R. F. Towndrow, 1881, **MANCH, NMW WOS**, det. R. Maskew. Ø Many specimens, the latest dated 1920. Only confirmed British records.
- ‡**Prunus persica** 75/22.1. ***69**, Westmorland: small sapling in layby outside rugby ground, Kendal, SD521940, A. M. Boucher, 2007, **LANC**.
- ‡**Sorbus 'Joseph Rock'**, 75/28.Jos. ***44**, Carms.: tree planted in waste ground with seedlings becoming established in vicinity, Bynea, SS551987, G. Hutchinson, 2006, **NMW**. Ø
- ‡**Cotoneaster dammeri** 75/32.11. ***38**, Warks.: ten in fruit on grass road verge, Manby Road, Castle Vale, Birmingham, SP143917, J. W. Partridge, 2007, det. J. Fryer, **WARMS**. Var. '*major*'. ***44**, Carms.: naturalized & spreading in garden of Dylan Thomas' Boathouse, West Tip, Cross Hands, SN306110, R. D. Pryce, 2001, det. J. Fryer, **NMW**. Also seen, in 2007, by R. D. & K. A. Pryce on trackside at Laugharne (SN561131).
- ‡**Cotoneaster xsucicicus** (*C. dammeri* × *conspicuus*) 75/32.11×18. ***38**, Warks.: three or four on trackside, Warmington Road, Birmingham, SP153841, J. W. Partridge, 2007, det. J. Fryer, **WARMS**. Birmingham & Black Country Flora Project.
- ‡**Cotoneaster lacteus** 75/32.13. ***62**, N. E. Yorks.: bird-sown bush on waste ground by railway, E of Riverside Stadium, Middlesbrough, NZ510205, V. Jones & W. A. Thompson, 2007.
- ‡**Cotoneaster integrifolius** 75/32.16. **38**, Warks.: roadside cement kerb, Sydenham, Leamington Spa, SP328644, J. W. Partridge, 2007, det. J. Fryer, **WARMS**. 1st record since 1932.

- ‡*Cotoneaster hjelmqvistii* 75/32.22. *69, Westmorland: cemetery wall by infilled canal, Parkside Road, Kendal, SD518919, A. M. Boucher, 2007, conf. J. Fryer, **LANC**.
- ‡*Cotoneaster divaricatus* 75/32.26. *38, Warks.: one on wall by pavement, The Boulevard, Chester Road, Birmingham, SP116937, J. W. Partridge, 2007, det. J. Fryer, **WARMS**. Birmingham & Black Country Flora Project.
- ‡*Cotoneaster villosulus* 75/32.29. *17, Surrey: one small shrub in pit, Howell Hill, Ewell, TQ239619, E. J. Taylor & P. Wakeham, 2007.
- ‡*Cotoneaster dielsianus* 75/32.37. *70, Cumberland: west end of roadside crags, north side of A66, Dubwath, NY194310, M. S. Porter, 2002, conf. J. Fryer, **LANC** photo.
- ‡*Cotoneaster franchetii* 75/32.39. *38, Warks.: two or three by fence on derelict land, Gravelly Industrial Park, Birmingham, SP100894, J. W. Partridge, 2006, det. J. Fryer, **WARMS**. Birmingham & Black Country Flora Project.
- ‡*Cotoneaster sternianus* 75/32.40. *38, Warks.: one fruiting seedling in alley, Red House, Leamington Spa, SP328654, J. W. Partridge, 2005, det. J. Fryer, **WARMS**.
- ‡*Pyracantha rogersiana* 75/33.2. *69, Westmorland: thicket near end of canal, Stainton, SD520853, A.M. Boucher, 2007, **LANC**.
- ‡*Crataegus persimilis* 75/35.5. *62, N. E. Yorks.: single large bush in old hedgerow, by A168 near Thornton-le-Moor, SE393899, V. Jones & M. J. Yates, 2007, conf. W. A. Thompson.
- ‡*Cercis siliquastrum* 76A/CER.sil. *17, Surrey: a self-sown seedling in a flower bed in the War Museum Park, Geraldine Mary Harmsworth Park, Lambeth, TQ315790, N. H. Bertrand, 2007. Ø
- ‡*Trifolium incarnatum* subsp. *incarnatum* 77/19.19a. 70, Cumberland: single large plant on graded soil on site of flood defence works, Strand Road, Carlisle, NY407502, H. & B. Spencer, 2007, **LANC**. 1st record since 1970.
- ‡*Laburnum xwatereri* (*L. anagyroides* × *alpinum*) 77/22.1×2. *44, Carms.: hedge, Llech-Sion, NE of Cwmdud, SN394325, A. O. Chater, 1997, **NMW**. 1st record as a neophyte and pre-dating records already published.
- ‡*Elaeagnus umbellata* 78/2.1. *44, Carms.: Bronwydd Arms, SN4123, A. S. Lewis, 2002, det. G. Hutchinson, **NMW**.
- ‡*Myriophyllum aquaticum* 79/2.2. *31, Hunts.: in lake, Crown Lakes Country Park, Farcet, TL196942, N. Millar, 2002, conf. T. C. E. Wells.
- ‡*Fuchsia magellanica* 84/5.1. *70, Cumberland: one bush on wall by River Caldew, Carlisle, NY397556, R. E. Groom, 2007.
- ‡*Cornus sericea* 85/1.2. *31, Hunts.: scrub between river and railway, Woodston, TL1898, D. A. Broughton, 2006. Well naturalised in public open spaces around Peterborough.
- ‡*Euonymus fortunei* (Turcz.) Hand.-Mazz. 88/1.for. *64, Mid-W. Yorks.: Blubberhouses, SE1658, Wharfedale Nats. Soc., 2007. Ø
- ‡*Ilex xaltaclerensis* (*I. aquifolium* × *perado*) 89/1.1×per. *62, N. E. Yorks.: several self-sown bushes in woodland by railway bank, Valley Road, Weaponess, Scarborough, TA035876, V. Jones & W. A. Thompson, 2007. Ø
- ‡*Euphorbia dulcis* 91/2.5. *44, Carms.: Dylan Thomas' Boathouse garden, Laugharne, SN306110, J. Rees, 1992, det. T. Walker, **NMW**.
- ‡*Euphorbia amygdaloides* subsp. *robbiae* 91/2.16b. *38, Warks.: on quarry spoil heap, Griff, Nuneaton, SP364893, B. Proctor, 2007, det. J. W. Partridge, **WARMS**.
- ‡*Euphorbia characias* subsp. *characias* 91/2.17a. *62, N. E. Yorks.: a few self-sown plants at base of wall, Brigswath, NZ874089, V. Jones, 2007, conf. Perry's garden centre.
- ‡*Euphorbia characias* subsp. *veneta* 91/2.17b. *62, N. E. Yorks.: several self-sown plants at top of wall, back alley by Askham Bryan College, Guisborough, NZ617163, V. Jones, 2007, conf. E. J. Clement, **herb. V. Jones**.
- ‡*Euphorbia oblongata* 91/2.obl. *38, Warks.: building site, New Bond Street, Birmingham, SP085863, M. W. Poulton, 2004, det. E. J. Clement, **WARMS**.
- ‡*Acer cappadocicum* 99/1.2. *52, Anglesey: woodland, Plas Newydd, SH524704, P. Denne, 2007. *69, Westmorland: 2 m sapling in hedgerow near lake shore, south of Pooley Bridge, NY468240, C. S. Crook, 1991, **LANC**.
- ‡*Acer saccharinum* 99/1.5. *62, many self-sown amongst planted trees and in adjacent wasteland, N of A66, South Bank, NZ533209, V. Jones & W. A. Thompson, 2007, **herb. V. Jones**.

- ©**Ruta graveolens** L. 101A/RUT.gra. *17, Surrey: one plant on a waste site behind railings, the ruins of St. Agnes Terrace, south of Waterloo, Lambeth, TQ314775, N. H. Bertrand, 2007. Ø
- ©**Impatiens balfourii** Hook.f. 105/1.bal. *17, Surrey: N side, at entrance to yard between nos. 20b and 24, on small patch of waste ground, Chestnut Grove, Balham, TQ2873, R. Vickery, 2007, **BM**. Ø
- ©**Lycopersicon esculentum** 110/7.1. *48, Merioneth: one plant at base of wall, Barmouth railway station, SH61, P. M. Benoit, 2007.
- ©**Solanum sisymbriifolium** 110/8.sis. *35, Mons.: plants of unknown origin in greenhouse and garden, Steppes Cottage, Jingle Street, Wonastow, SO476107, H. V. Colls, 2007.
- ‡**Petunia ×hybrida (P. axillaris × integrifolia)** 110/PET.axixint. *64, Mid-W. Yorks.: town centre, Otley, SE202455, B. Brown, 2007. *69, Westmorland: pavement weed, Library Road, Kendal, NY513928, A. M. Boucher, 2007, **LANC**.
- ‡**Calystegia silvatica** subsp. **disjuncta** Brummitt 111/3.4b. *44, Carms.: roadside hedge-bank, NW of Pont-ar-llechau, SN719254, A. O. Chater & R. D. Pryce, 1997, **NMW**. 1st v.c. record pre-dating previously reported records. Ø
- ©**Gilia achilleifolia** Benth. 114/GIL.ach. *62, N. E. Yorks.: four plants self-sown at edge of woodland by road verge, N of Seamer, NZ492112, E. Gendle, 2007, det. E. J. Clement, **herb. V. Jones**. Ø
- ‡**Symphytum orientale** 116/4.6. *46, Cards.: road verge, N side of Ffordd Sulien, Llanbadarn Fawr, SN598809, S. P. Chambers, 2007, conf. C. O'Reilly, **NMW**.
- ‡**Anchusa azurea** 116/6.3. *52, Anglesey: roadside hedgerow, 20yds. from old school, Llangoed, SH619799, E. Phenna, 2006.
- ‡**Amsinckia micrantha** 116/12.2. *46, Cards.: re-seeded road verge, Waun crossroads, Aberystwyth, SN599821, S. P. Chambers, 2007, **NMW**.
- ‡**Cerinth major** L. 116/CER.maj. *17, Surrey: in dumped soil, Thirty Acres Barn, Ashtead, TQ199571, P. Follett & S. W. Gale, 2007. Ø
- ‡**Cerinth minor** L. 116/CER.min. *46, Cards.: road verge and rocky banks, Frondolau, Aber-arth, SN479638, R. D. Pryce & K. A. Pryce, 2007, **NMW**. Ø 1st Welsh record.
- ©**Lappula squarrosa** 116/LAP.squ. 17, Surrey: on disturbed soil, probably brought in, on top of river bank, R. Mole, Leatherhead, TQ162562, D. Skinner, 2007. Seen also at Beddington Park (TQ295655) by D. Skinner. 1st records since 1970.
- ©**Verbena bonariensis** 117/1.bon. *45, Pems.: single flowering plant on roadside verge, Fishguard bypass, SM948374, S. B. Evans, 2007. Possibly accidentally introduced during shrub planting on wide roadside verge north-east of lowest roundabout. *46, Cards.: naturalised along base of wall by old cottages just NW of Pont Llannon, Llannon, SN513667, A. O. Chater, 2006. 1st Welsh record as neophyte.
- ‡**Melissa officinalis** 118/16.1. *31, Hunts.: woodland edge, Upton Wood, TL177792, D. A. Broughton, 2008.
- ©**Origanum majorana** L. 118/20.maj. *17, Surrey: Wiggie Lane Allotments, Redhill, TQ283511, C. Bateman, 2007. Ø
- ©**Mentha requienii** 118/23.6. *50, Denbs.: garden paving, Denbigh, SJ069659, J. A. Green, 2007, conf. E. J. Clements.
- ‡**Salvia officinalis** L. 118/25.off. *©63, S. W. Yorks.: rough grassland, near railway cutting, south of Tickhill, SK588913, E. Ellis, 2005. Ø
- ‡**Lavandula stoechas** L. 118/LAV.sto. *©63, S. W. Yorks.: self-seeded in car park, Forster Square, Bradford, SE163338, B. A. Tregale & M. Wilcox, 2000. Ø
- ‡**Fraxinus angustifolia** Vahl 123/2.ang. *31, Hunts.: hedgerow, Ferry Meadows Country Park, TL141972, D. A. Broughton, 2007. Subspecies *oxycarpa*. Ø
- ‡**Jasminum nudiflorum** 123/JAS.nud. *17, Surrey: a clump established on top of a wall on the south side of Spring Street, a few metres east of Lyncroft Gardens, Ewell, TQ218626, G. Hounsoume, 2007.
- ‡**Jasminum officinalis** 123/JAS.off. *62, N. E. Yorks.: single plant established in rough grassland, west of Tees Barrage, Middlesbrough, NZ461188, V. Jones & W. A. Thompson, 2007.
- ‡**Verbascum blattaria** 124/1.1. ©31, Hunts.: vegetable garden, Easton, TL137716, B. N. K. Davis, 2006. 1st record since 1967.

‡*Verbascum bombyciferum* 124/1.4. *38, Warks.: waste ground, Castle Vale, Birmingham, SP149914, J. W. Partridge, 2007, det. V. Johnstone, **WARMS**.

‡*Chaenorhinum organifolium* subsp. *organifolium* (L.) Kostel. 124/8.1. *35, Mons.: 7 plants on vertical surface and 3 on top of remnant of riverside wall, near Monnow Bridge, SO504124, H. V. Colls, 2006. 1st British record of this subspecies. These plants have deep blue flowers some fading with age. Ø

‡*Hebe salicifolia* 124/17.1. *44, Carms.: self-sown in dock wall, Burry Port Harbour, SN445004, A. O. Chater & BSBI meeting, 2007.

‡*Hebe xfranciscana* (*H. elliptica* × *speciosa*) 124/17.ell×spec. *64, Mid-W. Yorks.: old quarry, Otley Chevin, SE199441, B. Brown, 2007.

‡*Hebe odora* (Hook.f.) Ckn. 124/17.odo. *70, Cumberland: well established on edge of recently felled woodland, Butterburn road N of Gilsland, NY66J, M. Gregory & J. Parker, 1995, det. D. R. McKean, **LANC**. Ø

‡*Sutera cordata* (Thunb.) Kuntze 124/SUT.cor. *44, Carms.: naturalised on grave in churchyard, Bethel Chapel, N of Glyn-dreiniog, Glanamman, SN681144, I. K. Morgan, 2007, det. E. J. Clement, **NMW**. *©63, S. W. Yorks.: weed, Bingley old Main Street, SE106393, B. A. Tregale & M. Wilcox, 2001. Ø

‡*Campanula persicifolia* 129/1.4. *48, Merioneth: one plant well established on track verge at entrance to forestry, near Llanuwchllyn, SH82, D. O. Elias, 2006-07.

‡*Campanula medium* 129/1.5. *46, Cards.: old mortared wall, behind Public Library, Aberystwyth, SN592818, A. O. Chater, 2007. 1st Welsh record as a neophyte.

‡*Campanula portenschlagiana* 129/1.9 *38, Warks.: pavement wall edge, Clapham Terrace, Leamington Spa, SP365653, J. W. Partridge, 2007, det. M. W. Poulton, **WARMS**.

‡*Campanula poscharskyana* 129/1.10. *48, Merioneth: frequent by tracks and on walls, Barmouth, SH61, P. M. Benoit, 2007. *70, Cumberland: shady bank by track, Bowness-on-Solway, NY223625, R. E. Groom, 2007, **LANC**.

©*Lobelia erinus* 129/7.2. *45, Pems.: small plants growing in mortar of wall, Royal Oak PH, Fishguard, SM957370, S. B. & A. E. Evans, 2007. There had been hanging baskets in 2006.

‡*Viburnum tinus* 131/2.3. *77, Lanarks.: abandoned industrial site, Gorbals, Glasgow, NS589633, P. Macpherson, 2006, det. E. J. Clement, **herb. P.M.** Probably originally planted but now surviving 'in the wild'.

‡*Symphoricarpos xchenaultii* (*S. microphyllus* × *orbiculatus*) 131/3.mic×orb. *49, Caerns.: slate quarry waste tip, Llanllechid, SH6369, W. McCarthy, 2007.

‡*Lonicera xylosteum* 131/6.4. *78, Peebles.: banks of R. Tweed at foot of Alder, Haylodge Park, Peebles, NT246403, R. Singleton, 2007, det. D. R. McKean, **E**.

‡*Lonicera japonica* 131/6.6. *48, Merioneth: conifer plantation, Morfa Harlech, SH53, P. M. Benoit, 2006.

‡*Lonicera xitalica* (*L. caprifolium* × *etrusca*) 131/6.8×etr. *70, Cumberland: tip on waste ground, Aspatria, NY141425, R. E. Groom, 2007, **LANC**.

‡*Lonicera xpurpusii* Rehder (*L. fragrantissima* × *standishii*) 131/6.fra×sta. *70, Cumberland: near footpath, Wetheral Woods, NY466536, G. Lines, 2007, det. D. R. McKean, **LANC**. Ø

‡*Scabiosa atropurpurea* 134/5/2. *©63, S. W. Yorks.: waste ground, Thurcroft, SK5088, E. Ellis, 2007.

‡*Echinops exaltatus* 135/1.2. *77, Lanarks.: rough grassland, Greenhead Moss, NS8054, P. Macpherson & Glasgow NHS, 2007, det. E. J. Clement, **herb. P.M.** Established.

‡*Centaurea jacea* 135/11.jac. *©63, S. W. Yorks.: Horton Bank Country Park, Bradford, SE127308, B. A. Tregale & M. Wilcox, 2006, conf. E. J. Clement.

‡*Lactuca sativa* 135/22.sat. *©63, S. W. Yorks.: several records from waste ground in Barnsley District, SE3508, SE3703, SE3811, SE4011, P. Middleton, 2007.

‡*Taraxacum lancidens* 135/25.93. *44, Carms.: garden, Woodlands, School Road, Pwll, SN476011, R. D. Pryce, 2006, det. A. J. Richards, **NMW**.

‡*Taraxacum angustisquameum* 135/25.113. *44, Carms.: flower bed weed, Peniel School near Carmarthen, SN436241, R. D. & K. A. Pryce, 2007, det. A. J. Richards, **NMW**.

‡*Taraxacum lacerifolium* 135/25.146. *69, Westmorland: gravel path by infilled canal, off Parkside Road, Kendal, SD518919, A. M. Boucher, 2007, det. A. J. Richards, **LANC**.

‡**Taraxacum pseudoretroflexum** 135/25.189. *31, Hunts.: improved grass verge with *Urtica dioica*, Peterborough, Woodston, TL179980, D. A. Broughton, 2007, det. A. J. Richards.

‡**Taraxacum cestrense** T. Edmondson ined. 135/25.cest. *69, Westmorland: pavement, Whinlatter Drive, Kendal, SD525906, A. M. Boucher, 2007, det. A. J. Richards, LANC. Ø

‡**Hieracium scotostictum** 135/28.8.115. *47, Monts.: S facing dry scrubby bank, Melinbyrhedyn, Machynlleth, SN815985, T. Brown, 2007, det. D. J. McCosh.

‡**Helichrysum bracteatum** (Vent.) 135/34.bra. *©63, S. W. Yorks.: waste ground near car park, Cusworth Hall, SE5403, G. T. D. Wilmore & M. J. Midgley, 2004. Ø

‡**Conyza sumatrensis** 135/44.2. *48, Merioneth: in quantity with *C. canadensis* on a disused platform at Barmouth railway station, SH61, P. M. Benoit, 2007. The conspicuously hairy plant and invariably 5-lobed corollas of the disc florets were confirmed.

©**Anthemis punctata** subsp. **cupaniana** 135/55.1a. *62, N. E. Yorks.: a few self-sown plants at base of wall, Sutton-under-Whitstonecliffe, SE485825, V. Jones & W. A. Thompson, 2007.

‡**Anthemis tinctoria** 135/55.4. *46, Cards.: well naturalised in rough grass, Felin-y-mor Road, Aberystwyth, SN580806, A. O. Chater, 2006, NMW.

©**Anthemis austriaca** Jacq. 135/55.aus. *17, Surrey: following deep soil disturbance above rail tunnel, Bookham Common, Church Road Woods, TQ130556, S. D. Mellor, 2007. E. J. Clement comments: 'not quite typical, but seems OK'. Ø

‡**Cotula squalida** 135/61.4. *62, N. E. Yorks.: edge of moorland track, Golden Heights, Rudland Rigg, SE648959, T. Denney, 2006, det. B. Wurzell.

‡**Rudbeckia hirta** 135/78.1. *©63, S. W. Yorks.: waste ground, Nailor's Rough, Bradford, SE123359, B. A. Tregale & M. Wilcox, 2000.

‡**Helianthus tuberosus** 135/79.2. *31, Hunts.: waste ground, Church End, TL207824, D. A. Broughton, 2008. Forming a virtual monoculture over at least 30 × 30 m.

‡**Galinsoga quadriradiata** 135/80.2. *45, Pems.: roadside gutter on the A478, New Hedges, SN128028, T. Rich, 2007.

‡**Guizotia abyssinica** 135/GUI.ab. *©17, Surrey: a few plants on disturbed soil, R. Mole, Leatherhead, TQ162562, D. Skinner, 2007.

‡**Tagetes erecta** 135/TAG.ere. *©63, S. W. Yorks.: pavement weed, Leeds Road, Idle, SE179384, B. A. Tregale & M. Wilcox, 2001.

‡**Tagetes patula** 135/TAG.pat. *©63, S. W. Yorks.: hedge bottom, Austerfield, SK6694, G. Coles, 2005.

‡**Aponogeton distachyos** 139/1.1. *35, Mons.: abundant in small pond above colliery tip, below Twyn yr Hafod, SO151058, S. D. S. Bosanquet, 2002.

‡**Lemna minuta** 148/2.4. *49, Caerns.: among stones in stream near Llanddeiniolen, SH5466, W. McCarthy & L. Ball, 2007. *62, N. E. Yorks.: abundant in ditch on heath, Strensall Common, SE649589, V. Jones & M. J. Yates, 2007, conf. W. A. Thompson.

‡**Juncus anhelatus** (Wiegand) R.E.Brooks 151/1.ant. *63, S. W. Yorks.: waste ground, old mill site, Bradford, SE133333, B. A. Tregale & M. Wilcox, 2007, det. T. A. Cope. Ø Possibly only 2nd record for British Isles.

‡**Luzula nivea** (L.) DC. 151/2.niv. *70, Cumberland: established garden outcast on rough grassland by copse east of Oldkiln, Mawbray, NY088447, R. E. Groom, 2007, LANC. Ø

‡**Sasa palmata** 153/3.1. *52, Anglesey: woodland, well established, Pwll-fanogl, Llanfair-Pwllgwyngyll, SH5271, N. Brown, 2007.

‡**Pseudosasa japonica** 153/5.1. *63, S. W. Yorks.: riverbank, Bingley, SE1039, B. A. Tregale & M. Wilcox, 2001.

©**Stipa tenuissima** Trin. 153/9.tes. *17, Surrey: two tufts on the edge of the traffic island on the north-east (old A3) junction of the roundabout, self-sown from plantings on the roundabout itself, Burnt Common, Send, TQ038547, G. Hounsoume, 2007. *©63, S. W. Yorks.: waste ground, old mill site, Bradford, SE133333, B. A. Tregale & M. Wilcox, 2007, det E. J. Clement. Ø

‡**Vulpia unilateralis** 153/14.5. *31, Hunts.: thin soil overlying a concrete sill among grassland, Kimbolton Airfield, TL108695, B. N. K. Davis, 2006, conf. T. A. Cope.

‡**Briza maxima** 153/17.3. 49, Caerns.: many plants along wall-base, below Twt hill, Caernarfon, SH4862, W. McCarthy & M. Stead, 2007. Also seen by W. McCarthy & M. Stead on Dinas Hill, Criccieth (SH4937). 1st non-casual records. *69, Westmorland: shrubby weed, Homebase car-park, Kendal, SD516930, A. M. Boucher, 2007, LANC.

‡**Poa chaixii** 153/18.7. *48, Merioneth: a number of plants (probably originally planted) on roadside bank near house at Mallwyd, SH81, P. M. Benoit, 2007.

‡**Trisetum flavescens** subsp. **purpurascens** 153/30.1b. *©63, S. W. Yorks.: waste ground, Horton Bank Country Park, SE127308, M. Wilcox, 2003.

‡**Polygogon viridis** 153/46.2. *31, Hunts.: on gravel in garden of a pub, Alconbury Weston, TL179768, J. O. Mountford, 2003.

‡**Anisantha diandra** 153/52.1. *69, Westmorland: near nature reserve entrance, Humphrey Head, SD388746, W. Nelson, 2007, **LANC**.

‡**Ceratochloa carinata** 153/53.1. 38, Warks.: front garden, Balsall Heath, Birmingham, SP074840, I. C. Trueman, 2007, det. T. B. Ryves, **WARMS**. Birmingham & Black Country Flora Project. *45, Pembs.: scattered in scruffy grassland by ASDA car park, Pembroke Dock, SM969038, S. D. S. Bosanquet, 2007.

©**Hordeum vulgare** 153/59.vul. *62, N. E. Yorks.: scattered self-sown plants by woodland track, Beadale Wood, N of Wreton, SE774870, V. Jones, 2007, conf. W. A. Thompson.

‡**Cortaderia selloana** 153/62.1. *31, Hunts.: edge of arable field, Ramsey, TL282859, D. A. Broughton, 2008.

‡**Cortaderia richardii** 153/62.ric. *17, Surrey: Papercourt Marshes NR, Send Marsh, TQ034562, G. Groome, 2007.

‡**Spartina pectinata** 153/67.4. *46, Cards.: clump c. 1 m diameter with pioneer culms beyond on grassy bank of brackish ditch, N side of B4353 road 100 m from beach, S end of Borth, SN609889, A. O. Chater & J. P. Poland, 2007, **NMW**. Not growing nearby and apparently not being grown for biomass in the vicinity.

‡**Anemanthele lessoniana** (Steud.) Veldkamp 153/ANE.les. *17, Surrey: a small tuft at the foot of a wall, self-sown from nearby gardens, south of Waterloo, Lambeth, TQ313792, N. H. Bertrand, 2007. Seen also at Warren Mere, Thursley (SU916407) by G. Hounsome. *69, Westmorland: self-sown in pavement from garden opposite Eversleigh, Kirkby Lonsdale, SD609786, A. M. Boucher, 2007, **LANC**. *77, Lanarks.: in pavement cracks, Garnet Street, Glasgow, NS582660, A. Rutherford, 2007, **herb. P.M. Ø**

‡**Miscanthus sinensis** Andersson 153/MIS.sin. *©63, S. W. Yorks.: large clump on roadside, Hollow Meadows, SK2487, J. Middleton, 2005. Garden escape? Ø

‡**Panicum miliaceum** 153/PAN.mil. 46, Cards.: pavement weed by Aberystwyth Station, SN585815, A. O. Chater, 2007. 1st record as neophyte.

‡**Phyllostachys bambusoides** Siebold & Zucc. 153/PHY.bam. *52, Anglesey: well established in woodland, Pwll-fanogl, Llanfair-Pwllgwyngyll, SH5271, N. Brown, 2007. 1st Welsh record. Ø

‡**Phyllostachys nigra** (G. Lodd.) Munro 153/PHY.nig. *44, Carms.: naturalised by road-bridge over stream on v.c. 44 side of boundary, Amroth, SN173072, A. O. Chater *et al.*, 2007, det. G. Hutchinson, **NMW**. Ø

‡**Phyllostachys viridiglaucens** (Carrière) C. Rivière & Rivière 153/PHY.vir. *52, Anglesey: well established in woodland, Pwll-fanogl, Llanfair-Pwllgwyngyll, SH5271, N. Brown, 2007. 1st v.c. & 2nd Welsh record. Ø

‡**Hemerocallis fulva** 158/5.1. *62, N. E. Yorks.: small patch established by pool on raised beach, Cayton Bay, Scarborough, TA063852, V. Jones & M. J. Yates, 2007.

‡**Muscari armeniacum** 158/23.2. *50, Denbs.: grassy sand dune, Kinnel Bay, SH987807, J. A. Green, 2001.

‡**Muscari latifolium** J. Kirk. 158/23.lat. *©63, S. W. Yorks.: waste ground, old mill site, Bradford, SE133333, B. K. Byrne & B. A. Tregale, 2007. Ø

©**Allium subhirsutum** 158/24.5. *62, N. E. Yorks.: self-sown over 2 m in crack at base of wall, Welbury, NZ399023, V. Jones & W. A. Thompson, 2007, conf. E. J. Clement, **herb. V. Jones**.

‡**Allium triquetrum** 158/24.7. *48, Merioneth: by railway at Cumberland Place, Barmouth, SH61, P. M. Benoit, 2008. *69, Westmorland: seaward side of embankment, west side of Humphrey Head, SD397756, W. Nelson, 2007. 1st definite record.

©**Allium porrum** 158/24.por. *45, Pembs.: roadside bank, Porthgain, SM816324, S. B. Evans, 2007.

- ‡**Tristagma uniflorum** 158/28.1. *49, Caerns.: base of wall, Marine Drive, Great Orme, SH7682, J. Benson, 2007.
- ‡**Alstromeria aurea** 158/36.1. *70, Cumberland: one plant in dunes, Mawbray Banks, NY038475, G. Lines, 2007, photo LANC.
- ‡**Erythronium dens-canis** 158/ERY.den. *62, N. E. Yorks.: long-established and naturally regenerating in woodland, grounds of Wydale Hall, N of Snainton, SE927834, V. Jones & M. J. Yates, 2007.
- ‡**Puschkinia scilloides** Adams 158/PUS.sci. *64, Mid-W. Yorks.: at 420 m. beside track near farm in calcareous grassland, Dale Head, SD841715, Bradford Botany Group, 2007, det. E. J. Clement. Ø
- ‡**Crocus speciosus** 159/8.8. *70, Cumberland: west side of lane under hedge, Wetheral, NY457541, M. Roberts, 2006, photo LANC.
- ‡**Crocus ancyrensis** 159/8.anc. *62, N. E. Yorks.: a few plants in short grassland, Hutton Rudby, NZ471063, V. Jones, 2007.
- ‡**Gladiolus communis** subsp. **byzantinus** 159/9/2b. *©63, S. W. Yorks.: waste ground, trackside east of Kiveton railway station, SK489829, G. Coles, 2006.
- ©**Schizostylis coccinea** 159/SCH.coc. *44, Carms.: edge of wall/hedge, Parc Gitto, Llwynhendy, SS537996, I. K. Morgan, 2007.
- ‡**Cordyline australis** 160/3.1. *45, Pembs.: single plant of several years growth in S facing sandy estuarine blackthorn scrub, Newport Estuary, SN056399, S. B. & A. E. Evans, 2007. Away from any gardens and no obvious reason why it should have been planted.