

Plant Records

Records for publication must be submitted to the appropriate Vice-county Recorder (see *BSBI Year Book 2005*), 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. 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.

∅ at end of entry: established taxon not in Vice-County Census Catalogue. Name of authority follows plant name.

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

The following list contains the second set of records up to and including the year 2006. Records including the year 2007 will be published in the next issue of *Watsonia*.

[*Isoetes* × *hickeyi* (*I. lacustris* × *I. echinospora*) 3/1.1×2. **70**, Cumberland: delete as unconfirmed, *fide* A. C. Jermy.]

Equisetum × *rothmaleri* (*E. arvense* × *E. palustre*) 4/1.5×8. ***49**, Caerns.: edge of cycle track, Pant Glas, SH4647, S. J. Thomas, 2006, conf. C. N. Page.

Equisetum × *bowmanii* (*E. sylvaticum* × *E. telmateia*) 4/1.7×9 ***106**, East Ross: marshy meadow near dense swamp woodland, south side of Loch Ussie, NH55, D. J. Tennant, 2006, det. C. N. Page, **E**.

‡*Pteris multifida* Poir. 8/1.mul. *29, Cambs.: one good-sized plant under grating on the Trinity Street side of Michaelhouse church, Cambridge, TL448585, P. H. Oswald, 2006, CGE, conf. F. J. Rumsey. Ø See *BSBI News* 104 for details of this species found in Bath.

Pilularia globulifera 9/1.1. ®69, Westmorland: bed of ephemeral pool, near Pewet Tarn, Subberthwaite, SD252870, C. Cornish, 2006. 3 sites in same monad.

Ceterach officinarum 15/3.1. ‡91, Kincardines.: south-facing dike, Stonehaven, NO862851, D. Welch, 2006. 1st record since 1970 at the location previously recorded.

‡*Matteuccia struthiopteris* 16/1.1. *62, N. E. Yorks.: several plants of varying age in damp woodland, originally Victorian planting, by Hodge Beck, Cockayne, Bransdale, SE622985, V. Jones, 2003.

Dryopteris × *complexa* nothosubsp. *complexa* (*D. filix-mas* × *D. affinis* subsp. *affinis*) 17/3.2×3. *46, Cards.: shaded roadside bank, 200m NW of Caer-Cadwgan, Cellan, SN614480, K. Trewren, S. J. Thomas & A. O. Chater, 2005. 1st Welsh record of nothosubspecies.

Dryopteris × *deweveri* (*D. carthusiana* × *D. dilatata*) 17/3.8×9. 49, Caerns.: wet heathy field, Mynydd Cennin, Bryncir, SH4444, W. McCarthy, 2006, conf. S. J. Thomas. 1st record since 1970.

‡*Abies alba* 20/1.1. *H12, Co. Wexford: many trees self-sown along ride of conifer plantation, Carrig Hill, S9434, P. R. Green, 2006.

‡*Cedrus deodara* 20/6.1. *29, Cambs.: one self-sown tree (c.20ft tall in 2006), wedged between two graves, Mill Road cemetery, Cambridge, TL461582, A. C. Leslie, 2002, CGE. Specimen collected 2006. 1st v.c. record for a clearly self-sown Deodar Cedar.

‡*Pinus radiata* 20/7.5. 44, Carms.: mixed mature groups of conifers and single trees mixed with native broad-leaves on open south-facing hillside generally dominated by bracken, West Mead Farm, Pendine, SN263094, R. D. & K. A. Pryce, 2006. 1st record as a neophyte.

‡*Cupressus macrocarpa* 21/1.1. *29, Cambs.: one self-sown young plant at base of St Andrews churchyard wall, Coldham's Lane, Cherry Hinton, TL489570, A. C. Leslie, 2002, det. K. W. Page. 1st record for clearly self-sown Monterey Cypress.

‡*Chamaecyparis lawsoniana* 21/2.1. *H12, Co. Wexford: several self-sown trees of various sizes on waste ground, New Ross, S725289, P. R. Green, 2006.

‡*Juniperus chinensis* L. 21/4.chi. *41, Glam.: one well-established shrub in sandy grassland, on Pennard Burrows, Gower, SS553886, A. S. Lewis, 2006. *44, Carms.: field hedge, Broad Oak, SN579226, V. & A. S. Lewis, 2006, NMW. 1st Welsh record. One mature tree 3m-4m tall, c.40cm in girth, cultivar with white leaf sprays at end of each branch, no cones visible, cut by hedge cutting. Known here for at least 40 years by landowner but girth would indicate that it is considerably older. Ø

‡*Helleborus orientalis* 28/3.3. *62, N. E. Yorks.: long-established at edge of copse, by ford in village, Battersby, NZ596076, V. Jones, 1993. May have originated from thrown-out garden rubbish.

‡*Helleborus argutifolius* 28/3.arg. *62, N. E. Yorks.: self-sown on wall, Sandsend, NZ859128, V. Jones, 2001.

‡*Anemone blanda* 28/9.bla. *42, Brecknock: gravelly area on river bank, Sennybridge, SN920287, R. G. Woods, 2006.

‡*Anemone* × *hybrida* (*A. hupehensis* × *A. vitifolia*) 28/9.hup×vit. *H12, Co. Wexford: patch on bank of River Barrow, New Ross, S71552722, P. R. Green, 2006.

‡*Clematis tangutica* 28/12.3. *91, Kincardines.: path in woodland, Banchory, NO704965, D. Welch, 2006.

‡*Ranunculus ficaria* subsp. *ficariiformis* 28/13.17c. *67, S. Northumb.: north bank of R. Tyne, NZ118646, C. Metherell, 2006, hort. origin.

Thalictrum minus 28/17.4. *46, Cards.: one small plant in rock crevice in cliff in ancient woodland, bottom of Allt Boeth, Cwm Rheidol, SN737773, C. M. Forster Brown, 2006. Certainly native and 1st record as such.

‡*Berberis thunbergii* 29/1.2. *69, Westmorland: old quarry, Levens, SD499870, R. E. Groom, 2006, LANC. This plant is var. *atropurpurea*. *91, Kincardines.: streamside, Banchory, NO715965, I. P. Green & M. Duncan, 2006.

‡*Berberis julianae* 29/1.7. *©57, Derbys.: one bush in waste ground by disused canal, near Springfield Park, SK475349, R. D. Martin, 2006, conf. A. Willmot. Appears bird-sown.

‡*Berberis darwinii* 29/1.9. *91, Kincardines.: woodland near housing, Banchory, NO704965, D. Welch, 2006.

‡*Berberis verruculosa* Hemsl. & Wils. 29/1.ver. *77, Lanarks.: rough grassland, south-west of Milnwood, NS7459, P. Macpherson, 2006, det. E. J. Clement, **herb. P. M.** Probably originally planted in the area but now established. Ø

‡*Epimedium alpinum* L. 29/EPl.alp. *46, Cards.: estate woodland, Castle Hill, Llanilar, SN6274, J. H. Salter, 1935-1942. Annotated by J. H. Salter as 'naturalised' in his copy of *Flowering Plants and Ferns of Cardiganshire* in **NMW**. Ø Apparently new as naturalised in the British Isles.

©*Eschscholzia californica* 30/6.1. 44, Carms.: many plants in lay-by on SE side of road, Glynhir Road, Llandybie, SN635148, BSBI Meeting, 2006. 1st record as neophyte (see *BSBI News* 105 for photo). *62, N. E. Yorks.: one self-sown plant in field edge, near industrial estate, Whitby, NZ907095, V. Jones & W. A. Thompson, 2005. *H12, Co. Wexford: single plant on newly sown road bank, Blackwater, T1234, P. R. Green, 2006.

‡*Pseudofumaria lutea* 31/3.1. *H12, Co. Wexford: several clumps on garden wall in Mill Park Road, Enniscorthy, S9739, P. R. Green, 2006.

‡*Pseudofumaria alba* 31/3.2. *62, N. E. Yorks.: a few plants in cracks in wall, Thirsk, SE427824, V. Jones & W. A. Thompson, 2006, **herb. V. Jones**.

Ceratocarpus caliculata 31/4.1. *29, Cambs.: weed amongst bedding plants, Notcutts garden centre, Horningsea, TL493622, A. C. Leslie, 2006.

Fumaria capreolata subsp. *babingtonii* 31/5.1b. ‡48, Merioneth: one or two fine plants at car park of the Royal St David's Golf Club, Harlech, SH53, P. M. Benoit & J. M. Maynard, 2000 & 2006. 1st record since 1970.

‡*Soleirolia soleirolii* 36/3/1. *110, Outer Hebrides: walls, Kyles Lodge, South Harris, NG997878, J. S. Faulkner, 2006, **E**.

‡*Pterocarya fraxinifolia* 37/2.1. *62, N. E. Yorks.: showing prolific natural regeneration in woodland, Mill Bank Wood, Kildale, NZ603098, V. Jones, 2004.

‡*Quercus rubra* 39/4.7. 46, Cards.: by Forestry Commission track, Coed Maenarthur, Pontrhyd-y-groes, SN722721, S. P. Chambers, 2006. 1st record of a self-sown sapling.

Betula nana 40/1.3 *78, Peebles.: Lee Pen, Innerleithen, NT3238, J. N. Brown, 1855, **E**, conf. D. J. McCosh from herbarium specimen. 1st localised record. Noted in Hudson's *Flora Anglica* (1778).

Chenopodium rubrum 43/1.6. *‡91, Kincardines.: road verge, Crathes, NO726964, I. P. Green, 2006.

Stellaria neglecta 46/5.4. 67, S. Northumb.: fen carr to north of lake, Minsteracres, NZ025561, A. J. Richards, 2006, conf. P. M. Benoit, **herb. G. A. Swan**. 1st record since 1970.

Cerastium arvense 46/7.2. *52, Anglesey: dune grassland, Valley, SH3074, I. R. Bonner & R. Birch, 2006, **herb. I. R. B.** Presumed native – link to eastern Ireland (or from an air base in E Anglia?).

‡*Petrorhagia prolifera* 46/24.2. *62, N. E. Yorks.: stony ground in hollow of long-deposited industrial slag, South Gare N of Redcar, NZ557272, C. I. Pogson, 2000, det. E. J. Clement, **herb. E. J. Clement**.

©*Persicaria capitata* 47/1.cap. *62, N. E. Yorks.: prolific over several metres at base of wall, Pickering, SE801837, V. Jones & W. A. Thompson, 2005.

©*Fagopyrum tataricum* (L.) Gaertn. 47/3.tat. *62, N. E. Yorks.: several plants appearing to be a grain contaminant in arable field, near Ingleby Greenhow, NZ572069, V. Jones, 2004, conf. E. J. Clement, **herb. V. Jones**. Ø

‡*Fallopia* × *bohemica* (*F. japonica* × *F. sachalinensis*) 47/5.1×2. *70, Cumberland: riverbank, N side of A66 east of Scales, NY358268, D. Broughton, 2005, det. J. Bailey, **LANC, LTR**. Herbarium and determination based on R. E. Groom's 2006 material. *91, Kincardines.: streamside, Banchory, NO715965, I. P. Green & M. Duncan, 2006. *H12, Co. Wexford: large patch on road bank, Crooked Bridge, S826390, P. R. Green, 2006.

‡*Rheum palmatum* 47/7.pal. *69, Westmorland: copse with garden throwouts, Ninezergh Lane, Levens Hall, SD494849, G. Halliday, 2006, **LANC**.

Rumex × *schulzei* (*R. crispus* × *R. conglomeratus*) 47/8.13×14. *44, Carms.: cattle-trampled rough pasture, East of Pont Cellyn, near Twyn Farm, SN535217, G. Kitchener, 2006.

***H12**, Co. Wexford: in field with both parents, Wexford, T024201, P. R. Green, 2006.

Rumex × **sagorskii** (**R. crispus** × **R. sanguineus**) 47/8.13×15. ***44**, Carms.: a vigorous plant, with both parents, Dryslwyn castle mound, SN552203, G. Kitchener, 2006. ***H12**, Co. Wexford: single plant in field with both parents, Coolmela, S946608, P. R. Green, 2006.

Rumex × **abortivus** (**R. conglomeratus** × **R. obtusifolius**) 47/8.14×19. ***44**, Carms.: edge of saltmarsh (with both parents), Laugharne, SN303108, G. Kitchener, 2006.

Rumex × **dufftii** (**R. sanguineus** × **R. obtusifolius**) 47/8.15×19. ***44**, Carms.: one large multi-stemmed plant with *R. sanguineus* nearby, S side of A40 near Pont Dulas, SN551219, G. Kitchener, 2006. ***H12**, Co. Wexford: single large plant on road bank with both parents, Mackmine Bridge, S964312, P. R. Green, 2006.

‡**Paeonia officinalis** 49/1.off. ***51**, Flints.: well established from planted material on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205665, J. Phillips, 2006.

Hypericum × **desetangsii** (**H. perforatum** × **H. maculatum**) 51/1.6×7. ***91**, Kincardines.: riverside, Crathes, NO722964, I. P. Green & M. Duncan, 2006.

Hypericum undulatum × **H. tetrapterum** 51/1.8×9 ***2**, E. Cornwall: on edge of arable field in rushy area, east of Leigh Farm, Pillaton, SX387628, I. J. Bennallick, 2006, conf. N. K. Robson, **BM**. Growing with both parents. Also seen by I. J. Bennallick on the edge of an aqueduct at the base of a bank in the Luxulyan Valley, SX058570. Ø 1st confirmed record for British Isles of this hybrid.

Hypericum humifusum × **H. linariifolium** 51/1.10×11. ***49**, Caerns.: grassy slope above the sea, Mynydd Cilan, SH22, I. Edgar, 2006.

‡**Tilia tomentosa** Moench 52/1.tom. ***70**, Cumberland: roadside pasture, Watermillock, NY446225, G. Lines, 2006, **LANC**. Ø

Lavatera arborea 53/2.1. ©**67**, S. Northumb.: South Beach, Blyth, NZ3179, G. & A. Young, 2005. 1st record since 1970.

©**Abutilon theophrasti** 53/6.1. ***44**, Carms.: in flower and fruit in disturbed ground on road construction site with *Echinochloa crus-galli* and *Lactuca serriola*, near Morfa Roundabout, SS517986, V. & A. Lewis, 2005.

©**Anoda cristata** (Reichb.) Hochr. 53/ANO.cri. ***29**, Cambs.: Thriplow tip, TL445445, G. M. S. Easy, 1976, **herb. G. M. S. Easy**, det. A. L. Grenfell. The record was of the var. *brachyantha*. Ø

Viola × **intersita** (**V. riviniana** × **V. canina**) 57/1.4×6 ***H12**, Co. Wexford: several clumps on sand dunes with both parents, Ballyteige Burrow, S948050, P. R. Green, 2006.

‡**Viola cornuta** 57/1.10. ***52**, Anglesey: corner of pony-grazed field, Bryn Castell, Llanddona, SH563787, Anglesey Flora Group, 2006, conf. N. Brown. ***69**, Westmorland: pathside, N of Sunbiggin Tarn, NY672079, G. Lines, 2006, **LANC**.

©**Viola** × **wittrockiana** (**V. lutea** × **V. tricolor** × **V. altaica**) 57/1.11×12×alt. ***H12**, Co. Wexford: self-sown at base of wall, Duncannon, S7208, P. R. Green & A. Stevenson, 2006.

Viola × **contempta** (**V. tricolor** × **V. arvensis**) 57/1.12×13. ***70**, Cumberland: set-aside by R. Eden, Lazonby, NY558397, G. Lines, 2004, **photo in LANC**.

©**Azara microphylla** Hook. f., FLA/AZA.mic. ***29**, Cambs.: one self-sown plant at base of street wall of Department of Earth Sciences, Downing Street, Cambridge, TL4558, A. C. Leslie, 2006. Ø Apparently 1st British Isles record outside gardens for this species.

Populus nigra subsp. **betulifolia** 61/1.3a. ***35**, Mons.: 13 maiden, many-stemmed male trees in hedge line, Great Manson Farm, SO499156, D. E. Green, 2006. 1st record updating the VCCC although known for some time from this and 12 other tetrads in the vice-county.

‡**Salix acutifolia** 61/2.7. ***52**, Anglesey: lakeside, Llyn Alaw, SH388871, I. R. Bonner & M. Stead, 2006, det. A. O. Chater, **herb. I. R. B.** 1st British record as established neophyte. Originally planted with other willows around the reservoir margin.

Salix × **stipularis** (**S. viminalis** × **S. caprea** × **S. aurita**) 61/2.9×10×12. *©**57**, Derbys.: marshy grassland, Tideswell Dale, SK154736, A. Willmot, 2006. Possibly planted for landscaping.

‡**Malcolmia maritima** 62/9.1. ©**46**, Cards.: pavement weed, Corporation Street, Aberystwyth, SN583818, A. O. Chater, 2006. 1st record since pre-1936.

©**Matthiola longipetala** 62/10.lon. ***62**, N. E. Yorks.: self-sown in recently disturbed cliff

grassland, Robin Hood's Bay, NZ952051, V. Jones, 2001.

Rorippa islandica 62/12.3. *52, Anglesey: bare, damp, stony area used as a car park, Penwerthyr, Llyn Alaw, SH406865, I. R. Bonner, 2006, det. A. O. Chater, **herb. I. R. B.**

*69, Westmorland: muddy margin of sike, Tarn Sike, Sunbiggin, NY667076, G. M. Kay, 2005, det. T. C. G. Rich, **LANC**. Herbarium and determination based on G. Halliday's 2006 material. ©69, Westmorland: ephemeral pond, Brough Hill, Warcop, NY763156, G. Halliday, 2006, det. T. C. G. Rich, **LANC**.

‡**Cardamine raphanifolia** 62/14.4. *48, Merioneth: damp woodland, near Pont y Wern Ddu, Dolgellau, SH71, G. Jones, 2006, conf. P. M. Benoit.

‡**Cardamine corymbosa** 62/14.cor. *41, Glam.: garden weed probably of nursery origin, Cannisland Park, Pennard, Swansea, SS565899, A. S. Lewis, 2006. *50, Denbs.: garden gravel, Conwy, SH87, I. R. Bonner, 2004. 6-fig. grid reference withheld.

‡**Aubrieta deltoidea** 62/16.1. *H12, Co. Wexford: single clump self-sown on wall by fire station, New Ross, S7227, P. R. Green, 2006.

Erophila majuscula 62/22.1. *29, Cambs.: disturbed gritty soil on edge of farmland, Nuts Grove Farm, east of Thorney, TF327058, D. Broughton, 2006, conf. T. T. Elkington.

‡**Iberis sempervirens** 62/29.1. *44, Carm.: well naturalised on south facing bank at road junction to west of spinney of *Ulmus procera*, The Graig, Burry Port, SN446016, Llanelli Naturalists, 2006. *©62, N. E. Yorks.: one plant in pavement crack, Ormesby, NZ530174, V. Jones & W. A. Thompson, 2006.

‡**Iberis umbellata** 62/29.umb. *91, Kincardines.: path in woodland, Banchory, NO709963, I. P. Green & M. Duncan, 2006.

Brassica oleracea 62/34.1. ©113(S), Channel Is. (Sark): cliff path, Little Sark, path to the Pot, WV458738, S. Synnott, 2006, **herb. Société Serquaise**. 1st record for Sark. Not near past or present site of crop. Appears native but presumably casual.

Crambe maritima 62/41.1. 110, Outer Hebrides: Grenitote, N. Uist, NF837796, I. Crawford, 1988. 1st record since 1970. In Crawford (1988) National Sand Dune Vegetation Survey Site Report no 68: Grenitote, N Uist.

‡**Rhododendron luteum** 65/2.2. *91, Kincardines.: trackside in policies, Maryculter, NO871988, D. Welch, 2006, **ABD**.

Vaccinium ×intermedium (**V. myrtillus** × **V. vitis-idaea**) 65/13.6×4. *50, Denbs.: heather moorland, Esclusham Mountain, Wrexham, SJ236497, P. L. Thomas, 2006, conf. J. Hawksford.

Primula ×polyantha (**P. vulgaris** × **P. veris**) 69/1.1×3. *48, Merioneth: Talsarnau, SH63, O. H. Black & H. Handley, 1970. Also seen by O. H. Black in 1973.

‡**Philadelphus inodorus** L. 71/1.ino. *80, Roxburghs.: one very large bush (to 6m) on bank of River Tweed upstream from The Holmes, St Boswells, NT588315, R. W. M. Corner, 2006, det. D. R. McKean, **E, herb. R. W. M. C.** Known for over 30 years. Origin unknown. Ø

‡**Ribes odoratum** 72/2.5. *41, Glam.: waste ground, suckering extensively, Gorseinon, SS595986, A. S. Lewis, 2005. *67, S. Northumb.: old ballast hill, Seaton Sluice, NZ336768, G. & A. Young, 2004.

‡**Ribes divaricatum** Douglas 72/2.div. *46, Cards.: hedges and scrub, Gilfach yr Halen, SN436612, A. O. Chater & P. A. Smith, 2006, **NMW, LTR**. Ø Apparently new as naturalised in British Isles; relic bushes in old orchard and self-sown in hedges nearby.

‡**Sedum praealtum** 73/5.2. *41, Glam.: self-sown in churchyard, Sketty, Swansea, SS628928, A. S. Lewis, 2005.

‡**Sedum confusum** 73/5.3. *H12, Co. Wexford: large patch on field bank, New Ross, S725288, P. R. Green, 2006.

‡**Sedum spectabile** 73/5.4. *49, Caerns.: in hedge bank, Chwilog, SH4338, Caerns. Recording Group, 2006.

Sedum forsterianum 73/5.11. *‡91, Kincardines.: dyke, Mill of Muchalls, NO900913, D. Welch, 2003.

[‡**Sedum sexangulare** 73/5.13. 29, Cambs.: TL4192. Delete. Now considered to be an error for *S. acre*.]

Sedum anglicum 73/5.16. *‡91, Kincardines.: road verge, Tilquhillie, NO729958, I. P. Green & M. Duncan, 2006.

‡**Sedum dasyphyllum** 73/5.17. *69, Westmorland: limestone wall opposite church,

Heversham, SD496833, J. H. Clarke, 2005, **LANC**. Herbarium specimen G. Halliday 2006.

‡**Sedum kamschaticum** var. **ellacombianum** 73/5.kam. *©45, Pembs.: 30+ plants including small seedlings on waste ground of disused scrap metal depot, Johnston, SM932110, S. Bosanquet, 2006, det. S. Bosanquet & A. O. Chater. 1st Welsh record.

‡**Saxifraga** × **polita** (**S. spathularis** × **S. hirsuta**) 74/5.9×10. **106**, E. Ross: mixed woodland, Craigton, NH666488, B. R. & C. B. Ballinger, 2006. 1st record since 1970. Recorded here in 1956.

‡**Saxifraga** × **arendsii** Engl.74/5.are. *44, Carms.: several plants naturalised on low stone boundary wall, Red Roses Memorial Garden, SN204117, R. D. Pryce, 2006. Ø

‡**Heuchera sanguinea** 74/6.1. *62, N. E. Yorks.: established plants in rough grassland, South Gare, N of Redcar, NZ573256, V. Jones, 2005, conf. E. J. Clement, **herb. V. Jones**. May have originated from thrown-out garden rubbish

‡**Physocarpus opulifolius** 75/2.1. *50, Denbs.: wet farm woodland, Wrexham, SJ349532, R. Hesketh, 2005. 1st Welsh record.

‡**Spiraea** × **billardii** (**S. alba** × **S. douglasii**) 75/3.2×3. *52, Anglesey: established between pond and nearby gardens, Valley, SH286790, I. R. Bonner & R. Birch, 2006, conf. R. Birch. Originating from nearby gardens but established.

‡**Holodiscus discolor** 75/5.1. *91, Kincardines.: woodland edge, Banchory, NO6896, I. P. Green, 2006.

‡**Rubus phoenicolasius** 75/8.8. *49, Caerns.: probably bird-sown from kitchen garden of nearby hotel known for growing own produce, on path-side, Marl Wood, Llandudno Junction, SH8079, I. & L. Fraser, 2006.

‡**Rubus spectabilis** 75/8.9. *52, Anglesey: well established in woodland, Church Wood, Plas Newydd, SH5268, Anglesey Flora Group, 2006, conf. I. R. Bonner, **herb. I. R. B.**

‡**Rubus loganobaccus** 75/8.10. *©57, Derbys.: deciduous woodland, Pleasley Vale, SK514648, A. Willmot, 2006.

[**Rubus vestitus** 75/8.163. **77**, Lanarks.: near Langlands House, East Kilbride, NS6451, B. Simpson, 2005. Delete - re-identified as another species.]

Rubus furvicolor 75/8.168. *91, Kincardines.: hedgerow, Cammachmore, NO900948, D. Welch, 2006, conf. A. Newton, **herb. D. Welch**.

Rubus moylei 75/8.195. *46, Cards.: heathy, felled conifer plantation, 700m NNW of Gwenlli church, SN389541, D. E. Allen & A. O. Chater, 1998, det. D. E. Allen, conf. A. Newton, **NMW**.

Rubus distractiformis 75/8.210. *‡69, Westmorland: among shrubs, ASDA car-park, Kendal, SD522906, A. M. Boucher, 2006, det. A. Newton, **LANC**. No doubt introduced with shrubs, extension of area from SW Pennines.

Potentilla crantzii 75/9.11. *91, Kincardines.: riverbank reinforced with rocks, Inchmarlo, NO644963, D. Welch, 2006, **herb. D. Welch**.

‡**Potentilla montana** Brot. 75/9.mon. *46, Cards.: bank at top of sea cliffs, Constitution Hill, Aberystwyth, SN584828, A. D. Hale, 2006, det. A. O. Chater, **NMW, LTR**. Ø Apparently new as naturalised in British Isles.

©**Potentilla nepalensis** Hook. 75/9.nep. *62, N. E. Yorks.: one plant self-sown in pavement crack, Easingwold, SE530695, V. Jones & W. A. Thompson, 2006, conf. E. J. Clement, **herb. V. Jones**. Ø

‡**Sanguisorba minor** subsp. **muricata** 75/17.3b. *51, Flints.: disturbed ground on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205665, J. A. Green, 2004. 1st record for subspecies. Probably from wild-flower seed mixture.

‡**Acaena novae-zelandiae** 75/18.1. *52, Anglesey: well established in lawn and path edges, Plas Newydd, SH5269, I. R. Bonner, 2006, det. J. Poland.

Alchemilla wichurae 75/19.13. **106**, E. Ross: base-rich slope with rock exposure, Breabag Tharsuinn, NC303190, G. P. Rothero, 1998. 1st record since 1970. Still present here 2005.

‡**Alchemilla mollis** 75/19.15. *H12, Co. Wexford: scattered plants in disused quarry, Bunclody, S91875668, P. R. Green, 2006.

‡**Rosa** ‘**Dorothy Perkins**’ 75/21. **113(S)**, Channel Is. (Sark): scrub above sea cliff, top of path to Eperquerie Landing, WV462775, M. H. Long, 2006. 1st record for Sark. Ø

‡**Rosa** ‘**Félicité et Perpétue**’ 75/21. **113(S)**, Channel Is. (Sark): spreading down bank from roadside towards sea, east of Le Vieux Port overlooking Port à la Jument Bay, WV458760, M. H.

Long, 2006, **herb. Société Serquaise**. 1st record for Sark. Probably planted originally but now spreading down bank. Ø

‡*Rosa ferruginea* 75/21.8. *62, N. E. Yorks.: wasteland near old station, Kettleless, NZ833156, V. Jones, 2004.

‡*Rosa virginiana* 75/21.9. *©44, Carms.: old refuse tip, S of Cencaeau, Llanelli, SS529999, I. K. Morgan, 2004, det. R. Maskew. Since destroyed by construction of new Morrisons store. *52, Anglesey: field boundary, Dwyran, SH439664, I. R. Bonner, 2005, conf. R. Maskew.

‡*Prunus ×fruticans* (*P. spinosa* × *P. domestica*) 75/22.4×5. *62, N. E. Yorks.: many bushes at edge of woodland, Bassleton Wood, Thornaby, NZ447158, V. Jones & I. C. Lawrence, 2002.

‡*Sorbus aria* 75/28.9. *H12, Co. Wexford: a number of trees self-sown on dunes, Raven Wood Nature Reserve, T113240, P. R. Green, 2006, det. T. C. G. Rich.

‡*Aronia melanocarpa* 75/29.2. *70, Cumberland: scrubby grassland, Old Side, Workington, NX994302, R. E. Groom, 2006, LANC.

‡*Amelanchier lamarckii* 75/30.1. *41, Glam.: bird-sown tree, c. 2 m high, in heather on Graig Trewyddfa, Morriston, SS665977, I. K. Morgan, 2006, NMW.

‡*Photinia davidiana* 75/31.1. *45, Pems.: small specimens, almost certainly bird-sown, under a 200+ year old *Fagus sylvatica*, one fruiting, alongside Forestry Commission tree nursery, Minwear Wood, SN058137, S. B. Evans & J. Hudson, 2006. *91, Kincardines.: woodland near housing, Banchory, NO713965, I. P. Green & M. Duncan, 2006.

‡*Cotoneaster ×suecicus* (*C. dammeri* × *C. conspicuus*) 75/32.11×18. *H12, Co. Wexford: single bush self-sown on wall above River Barrow, New Ross, S718277, P. R. Green, 2006.

‡*Cotoneaster congestus* 75/32.15. *41, Glam.: cliff top, with other *Cotoneaster* species, Mumbles Hill, Swansea, SS625875, A. S. Lewis, 2005, det. J. Fryer.

‡*Cotoneaster thymifolius* 75/32.17. *42, Brecknock: rock crevice below disused limestone quarry, Cefn Cil Sanws, Cefn Coed, SO 025091, J. N. Davies, 2005, det. G. Hutchinson, conf. J. Fryer, NMW.

‡*Cotoneaster divaricatus* 75/32.26. *50, Denbs.: Bryn Euryn, SH88, W. McCarthy, 2003.

‡*Cotoneaster bullatus* 75/32.34. *H12, Co. Wexford: single bush self-sown on dunes, Raven Wood Nature Reserve, T113249, P. R. Green, 2006.

‡*Cotoneaster rehderi* 75/32.35. *91, Kincardines.: woodland near housing, Banchory, NO706966, D. Welch, 2006.

‡*Cotoneaster dielsianus* 75/32.37. *44, Carms.: self sown on wall, St Anthony's Well, Llanstephan, SN346098, I. K. Morgan, 1993, det. G. Hutchinson, NMW.

‡*Vicia tenuifolia* 77/14.3. *29, Cambs.: about 40 plants in grassland, just east of old sand pit, above Ley Rectory Farm, Little Abington, TL539500, A. C. Leslie, 2006, CGE. Ø

Vicia lutea 77/14.13. *©57, Derbys.: waste grassland, Avenue Coking Works, SK399666, A. Willmot, 2006.

©*Vicia faba* 77/14.fab. *H12, Co. Wexford: waste ground, Silverspring Crossroads, T0209, P. R. Green, 2006.

‡*Lathyrus grandiflorus* 77/15.7. *62, N. E. Yorks.: railway ash, Battersby Junction, NZ558073, V. Jones, 1998.

©*Lathyrus odoratus* 77/15.odo. *62, N. E. Yorks.: wasteland, Thornaby, NZ463158, V. Jones, 1997.

‡*Melilotus officinalis* 77/17.3. *91, Kincardines.: arable edge, Tilquhillie, NO725956, I. P. Green & M. Duncan, 2006.

‡*Melilotus indicus* 77/17.4. *H12, Co. Wexford: hundreds of plants on waste ground, Wexford, T05412236, G. E. King-Salter, 2005, det. P. R. Green in 2006.

‡*Cytisus striatus* 77/23.3. *91, Kincardines.: steep bank of improved road, Durris, NO775915, D. Welch, 2006, ABD. Seen at this location in 1973 by L. Bisset, determined C. W. Muirhead.

‡*Genista lydia* Boiss. 77/25.lyd. *77, Lanarks.: The Gorbals, Glasgow, NS589634, P. Macpherson, 2006, det. E. J. Clement, **herb. P. M.** Still present 2007. Will probably survive until area is redeveloped. Ø

‡*Dorycnium hirsutum* (L.) Ser. 77/DOR.hir. *H12, Co. Wexford: single clump on verge of N11, Hollyfort, T225705, P. R. Green, 2006, DBN. Ø

- ©**Pisum sativum** 77/PIS.sat. *62, N. E. Yorks.: pavement cracks by church, Whip-Ma-Whop-Ma-Gate, York, SE605518, V. Jones & W. A. Thompson, 2006.
- ‡**Elaeagnus umbellata** 78/2.1. *©57, Derbys.: scrub on disused coal mine, between West Hallam and Ilkeston, SK449422, C. Smith, 2006, conf. C. S. Cook. Possibly a relic of ornamental planting.
- ‡**Elaeagnus multiflora** Thunb. 78/2.mul. *41, Glam.: single bush, presumably bird-sown, on rough ground by disused railway, Port Tennant, Swansea, SS681932, A. S. Lewis, 2005, conf. RHS Wisley. 1st Welsh record. Ø
- ‡**Myriophyllum aquaticum** 79/2.2. *48, Merioneth: ditch, near Penowern, Bryncreg, SH60, R. H. Gritten, 2006. *49, Caerns.: pond at Methlem farm, SH1730, independently noted by R. Dawes & T. Pearson and by W. McCarthy & M. Stead, 2006.
- Lythrum salicaria** 81/1.1. *‡91, Kincardines.: verge of lay-by, Banchory, NO726972, D. Welch, 2005. Possible accidental introduction by constructors of nearby pond.
- Epilobium** × **subhirsutum** (**E. hirsutum** × **E. parviflorum**) 84/1.1×2. *44, Carms.: Old Station Yard, Carmarthen, SN416200, R. D. Pryce & P. Selby, 2002, det. G. D. Kitchener, NMW. *46, Carms.: pathside near Science Park, Llanbadarn Fawr, SN597813, S. P. Chambers, 2006, conf. T. D. Pennington, herb. S. P. Chambers.
- Epilobium** × **limosum** (**E. parviflorum** × **E. montanum**) 84/1.2×3. *44, Carms.: Llandeilo Station, SN633225, BSBI Meeting, 2006, det. G. D. Kitchener.
- Epilobium** × **dacicum** (**E. parviflorum** × **E. obscurum**) 84/1.2×6. *44, Carms.: Pantyffynnon Station, SN622107, BSBI Meeting, 2006, det. G. D. Kitchener.
- Epilobium** × **floridulum** (**E. parviflorum** × **E. ciliatum**) 84/1.2×8. *52, Anglesey: lakeside, Llyn Alaw, SH385865, I. R. Bonner, 2006, det. G. D. Kitchener.
- Epilobium** × **rivulare** (**E. parviflorum** × **E. palustre**) 84/1.2×9. *44, Carms.: Cwrtrbrynybeirdd, Trapp, SN665179, BSBI Meeting, 2005, det. A. O. Chater, NMW.
- Epilobium** × **interjectum** (**E. montanum** × **E. ciliatum**) 84/1.3×8. *44, Carms.: Llandeilo Station, SN6322, BSBI Meeting, 2006, det. G. D. Kitchener.
- Epilobium lanceolatum** 84/1.4. 50, Denbs.: coal tip waste, Bersham, SJ312481, A. K. Thorne, 2005, conf. T. D. Pennington, NMW. 2nd record and 1st since 1970.
- Epilobium** × **vicinum** (**E. obscurum** × **E. ciliatum**) 84/1.6×8. *91, Kincardines.: woodland by old railway, Crathes, NO726963, I. P. Green & M. Duncan, 2006.
- ‡**Fuchsia magellanica** 84/5.1. *62, N. E. Yorks.: self-sown in rough grassland, by old mine workings, Brotton, NZ686188, V. Jones, 2005.
- ‡**Griselinia littoralis** 85/3.1. *H12, Co. Wexford: several bushes self-sown on top of wall of County Hall, Spawell Road, Wexford, T044222, P. R. Green, 2006.
- ‡**Euphorbia maculata** 91/2.2. *29, Cambs.: nursery weed, Westfield Nurseries, Whittlesey, TL278960, A. C. Leslie, 2006.
- ‡**Euphorbia** × **pseudovirgata** (**E. waldsteinii** × **E. esula**) 91/2.14×wal. 51, Flints.: waste ground behind coastal dunes, Ffrith, Prestatyn, SJ043827, G. Wynne, 2002, conf. B. Ing. 2nd record and 1st as a neophyte. There was an unconfirmed record of this taxon from the same site in 1997.
- ‡**Euphorbia amygdaloides** subsp. **robbiae** 91/2.16b. *67, S.: Northumb.: where garden refuse is thrown over fence, growing with several other naturalised plants, north bank of R. Tyne, NZ118645, C. Metherell, 2006. Seen in similar site nearby (NZ119646).
- ‡**Euphorbia characias** subsp. **characias** 91/2.17a. *41, Glam.: self-seeding freely by riverside walk, St. Thomas, Swansea, SS662930, A. S. Lewis, 2006.
- ‡**Euphorbia mellifera** Aiton 91/2.mel. *41, Glam.: one bushy plant, self-sown from nearby garden on roadside, Penmaen, Gower, SS531886, A. S. Lewis, 2005. Ø
- ‡**Euphorbia myrsinites** L. 91/2.myr. *©62, N. E. Yorks.: one self-sown plant in crack in wall, Sowerby, SE433811, V. Jones & W. A. Thompson, 2006. Ø
- ‡**Euphorbia oblongata** 91/2.obl. *41, Glam.: self-sown on roadside, Horton, Gower, SS473859, A. S. Lewis, 2006. *©57, Derbys.: hedgerow, Hazelbarrow Farm, SK368811, K. Balkow, 2006. Near farm but not obviously a garden throwout.
- ‡**Euphorbia palustris** L. 91/2.pal. *69, Westmorland: a few well-established colonies in copse with garden throwouts, Ninezergh Lane, Levens Hall, SD494849, G. Halliday, 2006, det. E. J. Clement, LANC. Ø
- ‡**Vitis coignetiae** Pull. ex Planchon 93/1.coi. *42, Brecknock: bank of disused railway, Taf fechan, 1.5 km NE Cefn Coed, SO 043093, P. A. Smith & M. Teneva, 2006, det. T. G. C. Rich, NMW. 1st Welsh record. Ø

‡*Parthenocissus inserta* 93/2.2. *46, Cards.: willow carr by road, Llancynfelyn Common, SN642923, A. O. Chater, 2006. **NMW**. 1st record as neophyte.

©*Linum usitatissimum* 94/1.2. *51, Flints.: grassland on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205665, J. Phillips, 2006. 1st recent record for v.c. (other than as a cultivated crop)

‡*Aesculus carnea* 98/1.2. *69, Westmorland: by roadside wall, S side of King's Meaburn, NY623208, G. Lines, 2004, photo in **LANC**.

[‡*Aesculus indica* 98/1.ind. *69, Westmorland: S side of King's Meaburn, NY623208. Delete. Record published erroneously in *Watsonia* 26: 83 (2006).]

‡*Ruta graveolens* L. 101A/RUT.gra. *©62, N. E. Yorks.: pavement crack, York, SE593527, V. Jones & W. A. Thompson, 2006. Ø

‡*Oxalis articulata* 102/1.8. ©44, Carms.: garden throwout in area of disturbed ground with tipped rubble and garden waste, vegetated with tall herb species, Ystrad Mine, Glanamman, SN658129, R. D. Pryce, 2006. 1st record since 1970.

‡*Oxalis debilis* 102/1.10. *69, Westmorland: garden weed, Whinlatter Drive, Kendal, SD525906, A. M. Boucher, 2004, **LANC**.

‡*Geranium versicolor* 103/1.2. *H12, Co. Wexford: three large clumps on side of the R739, Silverspring Crossroads, T024096, P. R. Green, 2006.

‡*Geranium* × *oxonianum* (*G. endressii* × *G. versicolor*) 103/1.1×2. *62, N. E. Yorks.: road verge, Hutton Rudby, NZ472061, V. Jones, 2002.

‡*Geranium macrorrhizum* 103/1.17. *62, N. E. Yorks.: several plants self-sown in pavement crack, Cawton, SE643767, V. Jones, 2006.

‡*Geranium* × *cantabrigiense* (*G. dalmaticum* × *G. macrorrhizum*) 103/1.dal×17. *46, Cards.: grassy slope by quarry, bottom of Bryn-y-mor Road, Aberystwyth, SN584825, A. O. Chater, 2005, **NMW**, **LTR**. Apparently new as naturalised in British Isles. Ø

©*Pelargonium* × *hortorum* L. Bailey 103/PEL.hor. *62, N. E. Yorks.: one plant on pavement edge, Stokesley, NZ525086, V. Jones, 2001. Ø

©*Limnanthes douglasii* 103A/LIM.dou. *62, N. E. Yorks.: several self-sown plants at base of wall, Great Ayton, NZ562103, V. Jones, 2006.

©*Impatiens sultanii* Hook. f. 105/1.sul. *44, Carms.: several plants in flower in hedge-bottom by roadside field boundary near houses, Red Roses, SN204117, R. D. Pryce, 2006. 1st Welsh record. *H12, Co. Wexford: single plant self-sown at base of wall, New Ross, S720276, P. R. Green, 2006. Ø

‡*Hedera colchica* 106/1.1. *62, N. E. Yorks.: covering a wide area of wasteland by footpath, Stokesley, NZ525090, V. Jones, 2003.

‡*Hedera algeriensis* 106/1.alg. *46, Cards.: roadside bank just E of Llys-y-graig, Cwmerfyn, SN689831, A. O. Chater, 2006. 1st record & only extant Welsh record.

‡*Hydrocotyle ranunculoides* 107/1.ran. *52, Anglesey: borrowpit by A55, 2 × 2m. patch, Bryngwran, SH348771, O. Mountford, 2006, **herb. I. R. B.** *62, N. E. Yorks.: developing colony, wet area in woodland, Throxenby Mere, near Scarborough, TA008889, V. Jones, 2001.

‡*Scandix pecten-veneris* 107/7.1. *51, Flints.: ploughed-up footpath, Glol, 1.5 miles S of Trelogan, SJ118778, P. Day, 2007. 1st recent record for v.c. and for Wales.

Oenanthe pimpinelloides 107/19.3. *29, Cambs.: a number of plants scattered in herbaceous vegetation around fishermen's platforms dug into the bank of lake, Waterbeach airfield, TL489672, J. D. Shanklin, 2006, **CGE**. *H12, Co. Wexford: plentiful in small pasture by Duncannon Fort, growing with *Rumex pulcher*, Duncannon, S727082, P. R. Green, 2006, **DBN**.

Oenanthe crocata 107/19.5. *29, Cambs.: one fruiting plant at water level, at base of R. Ouse embankment, Middle Fen, Swavesey, TL359706, A. C. Leslie, N. P. Millar & J. D. Shanklin, 2006, **CGE**.

Oenanthe fluviatilis 107/19.6. *57, Derbys.: submerged in river in the middle of the channel, River Mease, Haunton, SK238113, D. Broughton, 2006. 1st record since 1970.

‡*Ammi majus* 107/32.1. *©H12, Co. Wexford: waste ground, Mullaunasmear, S88935215, P. R. Green, 2006, **DBN**.

©*Nolana paradoxa* Lindley 109.2/NOL.par. *29, Cambs.: one flowering plant on recently disturbed verge, north side of Brooklands Avenue, Cambridge, TL455569, A. C. Leslie & A. Stevenson, 2006. **CGE**. Ø

‡**Physalis alkekengi** 110/6.1 *62, N. E. Yorks.: a large colony in rough grassland by farm buildings, Mill Farm, near Nunnington, SE674794, V. Jones, 2001. *69, Westmorland: large established patch in woodland, Hincaster, SD508850, A. M. Boucher, 2005, **LANC**.

‡**Lycopersicon esculentum** 110/7.1. *©70, Cumberland: forest ride, Coombs Wood, Armathwaite, NY512443, G. Lines, 2006.

©**Nicotiana alata** 110/NIC.ala. *62, N. E. Yorks.: one plant in wasteland, Sleights, NZ875072, V. Jones, 2003, conf. E. J. Clement, **herb. V. Jones**.

©**Petunia ×hybrida (P. axillaris × P. integrifolia)** 110/PET.axi×int. *44, Carms.: Burry Port Railway Station, SN447007, G. Hutchinson, 2006, **NMW**. *62, N. E. Yorks.: one plant in wasteland, Stokesley, NZ523085, V. Jones, 2003.

Calystegia ×lucana (C. sepium × C. sylvatica) 111/3.2×4. *H12, Co. Wexford: growing on waste ground, New Ross, S717271, P. R. Green, 2006.

Polemonium caeruleum 114/1.1. ‡41, Glam.: one flowering clump by bridleway, Mill Lane, Mayals, Swansea, SS612907, P. V. & A. S. Lewis, 2005. 1st record as neophyte.

‡**Phacelia tanacetifolia** 115/1.1. *©51, Flints.: bare ground on old industrial site, Rhydymwyn Valley Nature Reserve, SJ205665, J. Phillips, 2006. *©62, N. E. Yorks.: grassland by road, South Gare, N of Redcar, NZ561262, V. Jones, 2001.

Symphytum tuberosum 116/4.3. *‡H12, Co. Wexford: patch on bank of the Owenavorrhagh River and several patches amongst scrub by ruin, Courtown, T203573, P. R. Green, 2006.

‡**Brunnera macrophylla** 116/5.1. *©57, Derbys.: laneside, Hazelbarrow Farm, SK365815, K. Balkow, 2006. Garden throwout.

‡**Trachystemon orientalis** 116/10.1. *44, Carms.: neglected Churchyard, Llandyfeisant Church, Dinefwr Park, Llandeilo, SN621222, V. & A. Lewis, 2005.

‡**Amsinckia micrantha** 116/12.2. *©44, Carms.: two plants in flower in angle between wall and tarmac-surfaced car park, Provisions Market, Carmarthen town centre, SN410201, R. D. Pryce, 2006, **NMW**. See *BSBI Welsh Bull.* 78 for photo.

©**Nonea lutea** 116/NON.lut *62, N. E. Yorks.: five plants in railway ash, near station, Kirkham, SE732658, V. Jones, 2002, det. E. J. Clement, **herb. V. Jones**. *69, Westmorland: one large plant, pavement weed, in front of Holly House, Pooley Bridge, NY474244, D. Dupree, 2006, det. E. J. Clement, **LANC**.

©**Verbena tenuisecta** Briq. 117/1.ten. *29, Cambs.: one self-sown flowering plant in paving crack, junction of Leys Road and Highworth Avenue, Cambridge, TL455602, A. C. Leslie, 2006. Ø

‡**Lamium galeobdolon** subsp. **argentatum** 118/4.1c. 51, Flints.: possible garden escape in woodland at edge of old industrial site, Rhydymwyn Valley Nature Reserve, SJ205665, J. Phillips, 2006. 1st record as neophyte

Ajuga ×pseudopyramidalis (A. reptans × A. pyramidalis) 118/12.1×2. 106, E. Ross: beside track near rock exposure, Torr Achilty, NH447545, T. D. Dines & C. D. Preston, 1999. 1st record since 1970. Still present 2007 with 10 flowering spikes.

©**Nepeta racemosa** Lam.118/13.rac. *62, N. E. Yorks.: nine self-sown plants on roadside stone wall, Kirbymoorside, SE694867, W. A. Thompson, 2005, det. V. Jones and W. A. Thompson, conf. E. J. Clement, **herb. V. Jones**. Ø

‡**Lavandula angustifolia** 118/LAV.ang. *©62, N. E. Yorks.: several plants among street cobbles, Easingwold, SE530698, V. Jones & W. A. Thompson, 2006.

Callitriche truncata 120/1.2. *52, Anglesey: pond and inflow stream, Hen Felin Ddwr, Llangejni, SH456753, I. R. Bonner, 2006, conf. R. V. Lansdown, **herb. I. R. B.** 1st published Welsh record but known from 6 other sites in v.c. 52.

Plantago media 121/1.4. ‡48, Merioneth: a large patch on the disused railway track, now a long distance footpath, between Arthog and Penmaenpool, SH61, P. M. Benoit, 2006.

‡**Forsythia suspensa** (Thunb.) Vahl 123/1.sus. *29, Cambs.: one plant established on old dumped soil, waste ground south-west of Royston station, TL347411, A. C. Leslie, 2001. Ø

‡**Ligustrum vulgare** 123/4/1. 110, Outer Hebrides: Northton, S. Harris, NF99V, R. J. Pankhurst, A. P. Wilson, M. Scholten, M. Fraser, E. Stewart & S. Murray, 2006. 1st record since 1970.

Verbascum pulverulentum 124/1.11. *‡69, Westmorland: S side of main access track, 2 large flowering plants plus 2 rosettes in an area of dumped limestone, Roudsea Wood NNR, SD332830, K. Walker *et al.*, 2006, det. A. Lesley, **ABRN**.

‡**Mimulus ×hybridus** (*M. cupreus* × *M. × smithii*) cv. 'Malibu Ivory' 124/4.cup×smi. *44, Carms.: boundary wall of school, Mynydd y Garreg Hall, car park wall, SN428079, BSBI Meeting, 2006, det. A. J. Silverside, NMW. 1st Welsh record (see *BSBI News* 105 for photo). Ø

‡**Hebe salicifolia** 124/17.1. *62, N. E. Yorks.: wasteland, York, SE598525, V. Jones & W. A. Thompson, 2006.

‡**Hebe brachysiphon** 124/17.2. *62, N. E. Yorks.: self-sown in cracks in wall, North Bay, Scarborough, TA042892, V. Jones & W. A. Thompson, 2005.

‡**Hebe ×franciscana** (*H. elliptica* × *H. speciosa*) 124/17.ell×spec. *62, N. E. Yorks.: abundantly self-sown in cracks in wall, North Bay, Scarborough, TA042892, V. Jones & W. A. Thompson, 2005.

Euphrasia arctica subsp. *arctica* 124/20.5a. *70, Cumberland: at 400m on damp bank near Hole House Farm, Garrigill, NY758387, F. J. Roberts *et al.*, 2005, det. A. J. Silverside, LANC. 1st definite record.

Euphrasia nemorosa × **E. confusa** × **E. micrantha** 124/20.7×9×18. *62, N. E. Yorks.: several plants by forest track near Ingleby Greenhow, NZ 598065, V. Jones, 1996, det. A. J. Silverside, herb. V. Jones. Ø

Euphrasia confusa × **E. micrantha** 124/20.9×18. *69, Westmorland: rough acid grassland, S of Tarn Sike, Sunbiggin, NY666075, G. Halliday, 2006, det. A. J. Silverside, LANC.

Euphrasia ostefeldii 124/20.14. @110, Outer Hebrides: peaty coastal turf, Paible, Taransay, NG029991, A. J. Silverside, 2006.

Nemesia denticulata Benth.124/NEM.den. *29, Cambs.: several plants in clinker at edge of old railway track north-west of former station, Histon, TL435631, A. C. Leslie, 2006, CGE. Ø

‡**Lathraea clandestina** 125/1.2. *46, Carms.: wooded dingle, Penglais, Aberystwyth, SN593820, R. Griffiths, 2006. Known here for at least 30 years.

Utricularia australis 128.2.2. *79, Selkirks.: at 290m on shallow loch edge, Clearburn Loch, NT342154, J. Waddell, 2006. Several flowering plants and therefore determined as this species as a first record.

‡**Campanula portenschlagiana** 129/1.9. *H12, Co. Wexford: on several walls about the town, Enniscorthy, S9739, P. R. Green, 2006.

©**Campanula carpatica** Jacq. 129/1.car. *29, Cambs.: several flowering plants, presumably self-sown, in crevice running round top of chest tomb, St Benet's churchyard, Cambridge, TL4458, A. A. Butcher, 2006. Ø

©**Lobelia erinus** 129/7.2. *H12, Co. Wexford: self-sown at base of wall, New Ross, S7227, P. R. Green, 2006.

‡**Viburnum rhytidophyllum** 131/2.4. *41, Glam.: probably bird-sown on road verge, Bishwell, Gowerton, SS594956, A. S. Lewis, 2006.

Linnaea borealis 131/4.1. 106, E. Ross: pine plantation, Wester Culbo Wood, NH6359, B. R. & C. B. Ballinger, 2007. 1st record since 1970.

‡**Lonicera pileata** 131/6.1. *41, Glam.: bird-sown at edge of wall, Mayhill, Swansea, SS643943, I. K. Morgan, 2006, NMW. 1st Welsh record. *44, Carms.: well established on laneside bank, The Graig, Burry Port, SN448017, Llanelli Naturalists, 2006.

‡**Lonicera xylosteum** 131/6.4. 29, Cambs.: one multi-stemmed shrub, bird-sown on the track of the old railway, by the Science Park, Milton, TL465613, A. C. Leslie, 2006, CGE. 1st record since 1900.

‡**Lonicera ×italica** (*L. caprifolium* × *L. etrusca*) 131/6.8 ×etr. *69, Westmorland: waste land E of Cavendish Dock, Barrow-in-Furness, SD218687, A. M. Boucher *et al.*, 2006, LANC.

‡**Lonicera tatarica** 131/6.tat. *69, Westmorland: one large bush in derelict factory area, Barrow-in-Furness, SD216686, A. M. Boucher *et al.*, 2006, LANC. *70, Cumberland: roadside by woodland, S of Unthank End, NY460345, G. Lines, 2006, LANC.

‡**Centranthus ruber** 133/3.1. *91, Kincardines.: old stone wall, Johnshaven, NO795670, D. Welch, 2006.

‡**Dipsacus laciniatus** 134/1.lac. *29, Cambs.: at least 50 flowering plants and more vegetative rosettes, waste ground on either side of railway, just south-west of level crossing, Shepreth, TL388476, A. C. Leslie, 2006, CGE. *67, S. Northumb.: lots of plants all along paths, Hauxley Nature Reserve car park, NU283024, D. Nelson, 2006. Also seen by F. Augier.

Carduus tenuiflorus 135/5.1. 29, Cambs.: one large plant on south-west verge of A14, Bar Hill, TL379641, A. C. Leslie, 2006, CGE. 1st record since 1955.

- Cirsium ×celakovskianum** (*C. palustre* × *C. arvense*) 135/6.9×10. *49, Caerns.: near Coedy resevoir, Dolgarrog, SH7566, W. McCarthy, 2006.
- ‡**Onopordum acanthium** 135/7.1. ‡41, Glam.: several plants on sandy waste, Port Eynon, SS471855, A. S. Lewis, 2006. 1st record since 1970. (A single plant was recorded by A. S. Lewis on a stony verge at Horton, SS470858, in September 2001).
- ‡**Lactuca serriola** 135/22.1. *H12, Co. Wexford: frequent on waste ground on west of the R733, New Ross, S711257, P. R. Green, 2006.
- Taraxacum stictophyllum** 135/25.45. *77, Lanarks.: by track beyond steading, Highfield, Coulter, NT014338, D. J. McCosh, 2006, det. A. J. Richards, **herb. D. J. M.**
- ‡**Taraxacum kernianum** 135/25.91. *69, Westmorland: footpath margin near Valley Drive, Kendal, SD528918, A. M. Boucher, 2006, det. A. J. Richards, **herb. A. M. B.**
- Taraxacum marklundii** 135/25.94. *77, Lanarks.: bottom lake, Highfield, Coulter, NT016342, D. J. McCosh, 2006, det. A. J. Richards, **herb. D. J. M.**
- ‡**Taraxacum latissimum** 135/25.152. *69, Westmorland: by St Mark's Church, Natland, SD521891, A. M. Boucher, 2006, det. A. J. Richards, **herb. A. M. B.**
- ‡**Taraxacum tumentilobum** 135/25.215. *69, Westmorland: waste ground, Windermere, SD411982, A. M. Boucher, 2006, det. A. J. Richards, **herb. A. M. B.**
- ‡**Taraxacum adiantifrons** 135/25.adi. *69, Westmorland: by St Mark's Church, Natland, SD521891, A. M. Boucher, 2006, det. A. J. Richards, **herb. A. M. B.**
- Hieracium subcrocatum** 135/28.14. 47, Monts.: many plants midstream on riverside rocks with a few on bank on S side of Afon Rhaeadr just above Pistyll Rhaeadr falls, SJ072295, A. K. Thorne, 2006, det. D. J. McCosh, **NMW**. 1st record since 1970.
- Hieracium diaphanum** 135/28.72. *47, Monts.: one flowering stem and a few small plants on large riverside rock, on S side of Afon Rhaeadr upstream of falls, SJ071296, A. K. Thorne, 2006, det. D. J. McCosh, **NMW**. 1st Welsh record.
- Hieracium uisticola** 135/28.89. 110, Outer Hebrides: Cladach Cuiashader, NB551585, P. A. Smith, 1999, det. D. J. McCosh, **E**. 1st record since 1970.
- ‡**Hieracium cardiophyllum** 135/28.139. *29, Cambs.: under trees by Royston road to Newmarket Road, north side of cutting, just out of Royston, TL370409, P. D. Sell, 1999, **CGE**.
- ‡**Hieracium exotericum** 135/28.140. *29, Cambs.: railway bank by Devil's Ditch, Dullingham, TL6360, R. J. Pankhurst, 1968, **CGE**, det. P. D. Sell. Originally determined by P. D. Sell as *H. subleptostoides* but redetermined by him in 1999.
- Hieracium britannicum** 135/28.179. *50, Denbs.: limestone cliffs, Bryn Euryn, SH832797, W. McCarthy, 2004, det. D. J. McCosh, **NMW**. 1st Welsh record.
- Hieracium eustomon** 135/28.185. *110, Outer Hebrides: Teinnasval, Sgoran Dubh, Uig, NB0425, E. B. Bangerter, 1938, **BM**, det. D. J. McCosh.
- ‡**Hieracium argillaceum** 135/28.arg. *45, Pembs.: old railway yard/disused railway track, Letterston, SM927305, S. B. Evans, 1999, **NMW**, det. D. J. McCosh. Determined in 2006. Ø
- *47, Monts.: inland cliffs, on S side of Afon Rhaeadr, SJ073294, A. K. Thorne, 2006, det. D. J. McCosh, **NMW**. *50, Denbs.: coal tip waste, Bersham, SJ310464, A. K. Thorne, 2005, det. D. J. McCosh, **NMW**.
- ‡**Hieracium aterrimum** 135/28.ate. *29, Cambs.: Royston to Newmarket road, just out of Royston, TL3740, P. D. Sell, 1956, **CGE**. Determined in 1999. Ø
- Hieracium consociatum** 135/28.con. *50, Denbs.: coal tip waste, Bersham, SJ314464, A. K. Thorne, 2005, det. D. J. McCosh, **NMW**. 1st v.c. & 2nd Welsh record. Ø
- ‡**Hieracium firmirimum** 135/28.fir. *29, Cambs.: under trees by Royston road to Newmarket Road, just out of Royston, TL370409, P. D. Sell, 1999, **CGE**. Ø
- ‡**Hieracium gentile** 135/28.gen. *29, Cambs.: bank of cutting of A505, just east of Royston, TL373409, P. D. Sell, 1956. Grown from here in Cambridge University Botanic Garden and a specimen from cultivation collected 1967 (**CGE**) and det. P. D. Sell 1999. Ø
- ‡**Hieracium koehleri** 135/28.koe. *29, Cambs.: cutting just out of Royston on the Newmarket road, TL373409, P. D. Sell, 1953, **CGE**. Determined in 1999. Ø
- ‡**Hieracium neosparsum** 135/28.neo. *29, Cambs.: Royston to Newmarket road, just out of Royston, TL3740, P. D. Sell, 1956, **CGE**, det. P. D. Sell. Determined in 1999. Ø
- ‡**Hieracium onychodontum** 135/28.ony. *29, Cambs.: under trees by the Royston to Newmarket road, north side of cutting, just east of Royston, TL373409, P. D. Sell, 1999, **CGE**. Ø

‡**Hieracium quadridentatum** 135/28.qua. *29, Cambs.: chalk side of cutting on east side of junction of Royston to Newmarket road and the Royston bypass, TL373409, P. D. Sell, 1999, CGE. Ø

‡**Hieracium seriflorum** 135/28.ser. *29, Cambs.: under trees by Royston to Newmarket road, north side of cutting, just out of Royston, TL370409, P. D. Sell, 1999, CGE. Ø

‡**Hieracium sylvularum** 135/28.syl. *29, Cambs.: under trees by Royston to Newmarket road, north side of cutting, just out of Royston, TL370409, P. D. Sell, 1999, CGE. Ø

©**Helichrysum bracteatum** (Vent.) Andrews 135/34.bra. *46, Cards.: waste ground, boatbuilding yard, Ynys-las, SN616933, J. P. Woodman & A. O. Chater, 2006. Ø

‡**Aster novi-belgii** 135/41.4. *H12, Co. Wexford: patch on bank of River Barrow, New Ross, S71552722, P. R. Green, 2006.

‡**Erigeron glaucus** 135/43.1. *H12, Co. Wexford: one plant on sandy road verge, Coolrainey, T105275, P. R. Green, 2006.

‡**Erigeron speciosus** (Lindl.) DC. 135/43.spe. *62, N. E. Yorks.: large colony on road verge, by coast road, Sandsend, NZ865124, V. Jones, 2001. Ø

‡**Conyza canadensis** 35/44.1. *91, Kincardines.: flower bed in garden centre, Banchory, NO701967, I. P. Green, 2006.

‡**Conyza sumatrensis** × **Erigeron acer** 135/44.2×43.6. *29, Cambs.: sixteen plants, with both parents, on south-west facing, steep chalk bank on north side of Royston bypass, TL363421, A. C. Leslie, 2006, CGE. Ø Apparently first record for British Isles.

©**Conyza floribunda** Humb. Bonpl. & Kunth 135/44.flo. *29, Cambs.: between pavement slabs, Free School Lane, Cambridge, TL4458, P. D. Sell, 1999, CGE. This record was of the var. *linearifolia*. Ø

‡**Olearia macrodonta** 135/45.2. *70, Cumberland: roadside by harbour SSSI, Maryport, NY033362, G. Lines, 2006.

‡**Olearia solandri** Hook. f. 135/45.sol. *41, Glam.: self-sown on east-facing limestone cliff, Mumbles Head, SS630874, A. S. Lewis, 2006. 1st Welsh record. Ø

‡**Achillea nobilis** L. 135/53.nob. *©29, Cambs.: one plant established on waste ground, lay-by along the Oakington Road, Cottenham, TL442668, A. C. Leslie, 1990, CGE. Ø

‡**Leucanthemella serotina** 135/57.1. *62, N. E. Yorks.: large colony in rough grassland, railway embankment N of station, Pickering, SE797845, V. Jones & W. A. Thompson, 2005.

©**Leucanthemum paludosum** (Poiret) Bonnet & Barratte 135/58.pal. *62, N. E. Yorks.: one self-sown plant at base of wall, Thirsk, SE435824, V. Jones & W. A. Thompson, 2006, det. E. J. Clement, herb. V. Jones. Ø

‡**Senecio inaequidens** 135/62.3 *29, Cambs.: one large plant on margin of old runway, Waterbeach airfield, TL486664, J. D. Shanklin, 2006, CGE. *67, S. Northumb.: several plants on cinder heap, Hauxley Nature Reserve, NU283024, D. Nelson, 2006, conf. F. Augier & A. J. Richards.

‡**Senecio smithii** 135/62.9. *91, Kincardines.: ditch, Drumlithie, NO783810, D. Welch, 2006. Observed in a ditch by the same track by A. Craib (Glasgow) in 1973.

‡**Delairea odorata** 135/65.1. *44, Carms.: Llanybri, SN336125, I. K. Morgan & R. N. Stringer, 2005. 1st Welsh record. Overflowing over garden wall onto roadside vegetation, where there were young plants from seed or rooting of rampant stems. Also across road.

‡**Calendula officinalis** 135/73.1 ©48, Merioneth: two plants c. 20m apart at foot of soil mound in small field beside the Talyllyn railway, Hen-dy near Tywyn, SH50, S. P. Chambers, 2006. 1st record since 1970. (A single plant was recorded by A. S. Lewis on a stony verge at Horton, SS470858 in September 2001).

‡**Calendula arvensis** 135/73.2. *48, Merioneth: numerous plants (possibly from bird seed) at supermarket car park and base of hotel wall, Park Road, Barmouth, SH61, P. M. Benoit, 2006. Flowered continuously through the mild winter of 2006-7.

‡**Ambrosia artemisiifolia** 135/74.1. *©45, Pems.: disturbed ground, Rhoscrowther, SM904021, S. B. Evans, 1999, det. T. C. G. Rich. Specimen collected and provisionally identified by S. B. E. - confirmed by T. C. G. Rich 21/9/2006. Found in village demolished by Texaco/Chevron on site of old aviary. *91, Kincardines.: earth heap near farm, Banchory, NO717912, I. P. Green, 2006.

‡*Helianthus* ×*laetiflorus* (*H. tuberosus* ×*H. pauciflorus*) 135/79.2×pav. *52, Anglesey: waste ground, Carnau, SH276806, W. McCarthy, 2006, det. E. J. Clement.

‡*Galinsoga parviflora* 135/80.1. *52, Anglesey: hen run on former arable field, Penlon, Newborough, SH430650, B. Wrightson, 2006, det. E. J. Clement.

‡*Cassinia leptopylla* R. Br. 135/CAS.lep. *H12, Co. Wexford: single plant self-sown in crack of concrete, Kilmore Quay, S966033, P. R. Green, 2006. Perhaps conspecific with *C. fulvida*. Ø

©*Melampodium montanum* Benth. 135/MEL.mon. *H12, Co. Wexford: single plant self-sown at base of wall, New Ross, S720276, P. R. Green, 2006, **DBN**. Ø

©*Tagetes patula* 135/TAG.pat. *H12, Co. Wexford: single plant self-sown at base of wall, New Ross, S720276, P. R. Green, 2006.

Butomus umbellatus 136/1.1. *‡44, Carms.: well established in eutrophic pond inside sea wall constructed within the last decade as part of the Machynys Golf Course development, SS516978, I. K. Morgan, 2006, **NMW**.

Sagittaria sagittifolia 137/1.1. *‡44, Carms.: vegetated attenuation pond, Traveller's Rest, Carmarthen, SN386191, R. D. Pryce, 2006.

[‡*Egeria densa* 138/3.1 *80, Roxburghs.: pond, Smailholm village, NT646372, L.W.Gaskell, 2002. Delete. Incorrect determination.]

‡*Lagarosiphon major* 138/6.1. *80, Roxburghs.: pond, Smailholm village, NT646372, L. W. Gaskell, 2002, det. R. W. M. Corner, **herb. R. W. M. C.** Wrongly determined as *Egeria densa*. See *Watsonia* 26: 93 (2006) *H12, Co. Wexford: plentiful in stream along roadside by Wexford Blocks Ltd, Castlebridge, T056269, P. R. Green, 2006.

Potamogeton ×*gessnacensis* (*P. natans* × *P. polygonifolius*) 142/1.1×2. *46, Cards.: backwater outflow by Forestry Commission car park, Tynbedw, Llnafan, SN694716, R. V. Lansdown & A. O. Chater, 2006, conf. C. D. Preston, **NMW**.

Potamogeton obtusifolius 142/1.14. *62, N. E. Yorks.: The Mere, Scarborough, TA0286, H. Moseley, 1840, det. Dandy and Taylor. Overlooked for the VCCC.

Potamogeton compressus 142/1.17. @57, Derbys.: submerged in canal, Langley Mill, SK454471, P. Precey, 2006. Unboated part of Erewash Canal above the locks.

Arum maculatum 147/5/1. ‡110, Outer Hebrides: Newton Lodge, SW corner of walled garden, NF892773, R. J. Pankhurst, 2006. 1st record since 1970.

‡*Arum italicum* subsp. *italicum* 147/5.2b. ©57, Derbys.: roadside verge, Middle Moor, Ashover, SK319634, N. Law & K. Huston, 2006, conf. A. Willmot. 1st record since 1970.

©*Pistia stratiotes* L. 147/PIS.str. *57, Derbys.: floating on stream, Old Hay Brook between Toley & Dore, SK3080, K. Balkow, 2006. No houses nearby. Ø

‡*Lemna minuta* 148/2.4. *70, Cumberland: pond in Nichol Hill W.T. Reserve, Penrith, NY511305, R. W. M. Corner, 2006, **LANC**. *H12, Co. Wexford: frequent in ditch, Ardavan, T0624, P. R. Green & J. Monaghan, 2006.

‡*Luzula nivea* (L.) DC. 151/2.niv. *©62, N. E. Yorks.: several self-sown plants at base of river wall, behind the supermarket, by R. Derwent, Malton, SE785719, V. Jones, 2004, **herb. V. Jones**. Ø

Eleogiton fluitans 152/9.1. 29, Cambs.: abundant in drain along north side of Benwick Road, Whittlesey, TL291961, A. C. Leslie, 2006, **CGE**. 1st record since 1975, although marked in VCCC as not recorded post 1969. 91, Kincardines.: curling pond, Banchory, NO683963, I. P. Green, 2006. 1st record since 1970.

‡*Cyperus congestus* Vahl 152/11.con. *44, Carms.: locally frequent on limestone-aggregate-surfaced factory development plateau at site where gipsies had periodically camped over the previous few years, 'Delta Lakes' site, Machynys, Llanelli, SS509985, G. Hutchinson, I. K. Morgan & R. D. Pryce, 2003, det. D. A. Simpson, **NMW**. 1st Welsh record. Originally determined as *C. rotundus* but subsequently redetermined as *C. congestus* by D. A. Simpson at Kew. Ø

‡*Cyperus involucratus* Rottb. 152/11.inv. *69, Westmorland: ditch, recreation ground, Milnthorpe, SD493814, J. H. Clarke, 2006, **LANC**. Ø

Carex maritima 152/16.14. @110, Outer Hebrides: damp sandy areas, Corran Ra, Taransay, NB040004, J. W. McIntosh, L. Laxton, E. Stewart, M. Hall, 2006. The first of four new sites in this hectad on the same day. @110, Outer Hebrides: sandy shore, Port nan Long, North Uist, NF897781, R. J. Pankhurst, 2006.

Carex × *sooi* (*C. acutiformis* × *C. riparia*) 152/16.25×26. *29, Cambs.: second field east of River Cam, Cambridge Washes, Dimmock's Cote, TL539721-2, G. Crompton & P. Stebbings, 1992, CGE, conf. A. C. Jermy, M. J. Y. Foley & M. S. Porter. This parentage suggested by R. W. David.

Carex × *csomadensis* (*C. riparia* × *C. vesicaria*) 152/16.26×29. *29, Cambs.: north bank of R. Ouse near Aldreth, TL408735, A. O. Chater, 1955, BM, det. A. C. Jermy & A. O. Chater.

Carex × *luteola* (*C. distans* × *C. viridula* subsp. *viridula*) 152/16.41×46. *44, Carmns.: damp hollow in saltmarsh/dune interface between helipad and firebreak, RAF Range, Tywyn Burrows, SN369050, BSBI Meeting, 2006, det. M. S. Porter. 1st Welsh record. (See *BSBI News* 105 for photo.)

Carex digitata 152/16.48. ®57, Derbys.: shaded Magnesian limestone outcrop, Pleasley Park, SK516650, A. Willmot, 2006, det. D. A. Simpson. 1st Derbyshire record for the Magnesian Limestone.

Carex recta 152/16.63. ®106, E. Ross: tidal estuary by Newton of Ochtow, Kyle of Sutherland, NC485001, M. Dean, B. R. and C. B. Ballinger, 2006.

Carex × *decolorans* (*C. nigra* × *C. bigelowii*) 152/16.67×69. *46, Cards.: upland sheepwalk, Sian Groca, Pumlumon, SN80388773, A. O. Chater, 2001, NMW.

‡*Carex buchananii* 152/16.buc. *29, Cambs.: one self-sown plant at base of brick wall, Back Lane, Ely, TL545800, A. C. Leslie, 2005, CGE. Site revisited in 2006 when flowering material confirmed the identification.

‡*Sasa palmata* 153/3.1. *67, S. Northumb.: site of old estate garden, Bothal, R. Wansbeck, NZ236861, G. & A. Young, 2004. *H12, Co. Wexford: several patches under trees, Ballinlug, S844443, P. R. Green, 2006.

‡*Lolium* × *boucheanum* (*L. perenne* × *L. multiflorum*) 153/13.1×2 *H12, Co. Wexford: road verge, Templeludigan, S793356, P. R. Green, 2006.

‡*Briza maxima* 153/17.3. 41, Glam.: roadside weed, Capel y Gopa, Pontarddulais, SN602035, I. K. Morgan & R. N. Stringer, 2005. 1st record as neophyte.

Poa annua forma *purpurea* 153/18.2pur. *46, Cards.: flowerbeds and paths, Archibalds' garden centre, Ffostrasol, SN363477, J. P. Poland & A. O. Chater, 2006, NMW. This almost invisible form was described by M. L. Grant in *Watsonia* 24: 525-526 (2003) and seems to be known only from gardens.

‡*Poa chaixii* 153/18.7. *62, N. E. Yorks.: several long-established plants at edge of wood, Crow Wood, Danby, NZ717084, V. Jones, 1990.

Melica nutans 153/25.1 *46, Cards.: rocky slope in ancient woodland, bottom of Allt Boeth, Cwm Rheidol, SN73707733, C. M. Forster Brown, 2006, NMW.

Deschampsia cespitosa subsp. *parviflora* 153/32.1b. *67, S. Northumb.: dry woodland with mature trees, Minsteracres, NZ022554, A. J. Richards, 2006, herb. G. A. Swan. 1st localised record. Also seen at NU922612 West Dipton Dene and NU935613 Hole House Wood.

‡*Phalaris canariensis* 153/38.3. 91, Kincardines.: pathside, Banchory, NO709963, I. P. Green & M. Duncan, 2006. 1st record since 1970.

Agrostis × *murbeckii* (*A. capillaris* × *A. stolonifera*) 153/39.1×4. 48, Merioneth: roadside, near Bron Meirion, Arthog, SH61, P. M. Benoit, 2006. 1st record since 1970. With both parents but no other *Agrostis* present. Characters intermediate and at just the right stage for the yellow indehiscent anthers to be obvious.

Agrostis curtisii 153/39.6. *45, Pems.: a few plants present in major heathland creation project on former arable coastal fields, Runwayskiln, Trehill Farm, Marloes, SM774078, M. Sutton, 2006, det. A. O. Chater. Not recorded on any of the adjacent coastal heath.

Calamagrostis epigejos 153/40.1 *106, East Ross.: in birch woodland, Torrachilty Wood, NH441556, M. Eagleson, 1988, conf. D. R. McKean, E. Still present October 2007.

‡*Polygogon viridis* 153/46.2. *62, N. E. Yorks.: several plants in grassland at edge of conifer plantation near Newby, NZ517127, V. Jones, 2005, conf. A. Copping, herb. V. Jones.

*H12, Co. Wexford: frequent at base of walls about Duncannon, S7208, P. R. Green, 2006, DBN.

Bromus racemosus 153/50.3. 45, Pems.: rush-pasture, Moor Farm, Jeffreyston, SN068077, S. Bosanquet, 2001. 1st record since 1970.

[‡*Cortaderia selloana* 153/62.1. 110, Outer Hebrides: roadside, Tarbert, NB142008, R. J. Pankhurst, 2003. Delete. Redetermined in 2006 as *C. richardii*.]

‡*Cortaderia richardii* 153/62.ric. *77, Lanarks.: roadside, Hazelbank, NS8345, P. Macpherson, 2004, det. E. J. Clement, **herb. P. M.** Flowering specimen. *91, Kincardines.: small plantation, Tilquhillie, NO728950, I. P. Green, 2006. *110, Outer Hebrides: roadside, Tarbert, NB142008, R. J. Pankhurst, 2003.

©*Eragrostis minor* 153/65.2. *29, Cambs.: dozens of small plants in amongst cobbles bordering a path across Great Court, Trinity College, Cambridge, TL447586, A. C. Leslie, 2006, CGE, conf. E. J. Clement.

©*Echinochloa colona* 153/68.col. *46, Cards.: bird-seed casual by bus station, Aberystwyth, SN586816, A. O. Chater, 2006, NMW. 1st v.c. & only recent Welsh record.

©*Echinochloa frumentacea* 153/68.fru. *44, Carms.: on waste ground near Pembrey Parish Church, SN427013, I. K. Morgan, 2006, det. G. Hutchinson, NMW.

©*Setaria italica* 153/70.ita. *45, Pembs.: disturbed ground in village demolished by Texaco/Chevron on site of old aviary, Rhoscrowther, SM904021, S. B. Evans, 1999, det. G. Hutchinson.

‡*Setaria pumila* 153/70.pum. *©47, Monts.: one handsome little clump at garden edge near birdtable, Foel, SH992106, M. Wainwright, 2006, det. J. Mason. *Ambrosia artemisiifolia* nearby.

©*Digitaria ciliaris* 153/71.cil. *46, Cards.: pavement weed, Aberystwyth marina, SN581812, A. O. Chater, 2006, NMW. 1st v.c. & 2nd Welsh record.

‡*Anemanthele lessoniana* (Steud.) Veldkamp 153/ANE.les. *91, Kincardines.: path in woodland, Banchory, NO709963, I. P. Green, 2006. *H12, Co. Wexford: single clump self-sown at base of hedge on roadside, Bunclody, S90715599, P. R. Green, 2006. Ø

Sparganium natans 154/1.4. 91, Kincardines.: curling pond, Banchory, NO683963, I. P. Green, 2006, **herb. D. Welch**. 1st record since 1957.

©*Eichhornia crassipes* (Mart.) Solms 157/Eic.cra. *57, Derbys.: floating on stream, Old Hay Brook between Totley & Dore, SK3080, K. Balkow, 2006. No houses nearby. Ø

‡*Kniphofia uvaria* 158/6.1. *41, Glam.: several flowering plants in disused quarry, Rhoose, ST056661, A. S. Lewis, 2006.

Colchicum autumnale 158/7.1. *51, Flints.: three flowers in a clump on rough pasture with bracken and *Cirsium arvense*, W of Cefn Mawr Quarry, S of Cefn Bychan, Pant-y-mwyn, SJ1963, J. Skates & G. Wynne, 2006. 1st record since 1970. Status uncertain.

‡*Tulipa gesneriana* 158/10.3. 113(S), Channel Is. (Sark): garden outcast growing in a hollow in waste ground, between Saut à Juan quarry and Le Port, WV454760, R. M. Veall, 2005, photograph with **Société Serquaise**. 1st record outside garden for Sark.

Convallaria majalis 158/13.1. *‡106, E. Ross: beside track, Brahan, NH517548, B. R. & C. B. Ballinger, 2006, **herb B. R. B.**

‡*Scilla siberica* 158/19.3. *62, N. E. Yorks.: completely covering an old grave and spreading into neighbouring grassland, churchyard, Carlton, NZ507045, V. Jones, 2000.

‡*Hyacinthus orientalis* 158/21.1. *©62, N. E. Yorks.: one plant on road verge, Battersby, NZ592081, V. Jones, 1998. May be a discarded bulb. *H12, Co. Wexford: single plant, with pink flowers, on rough ground, Clonmore, S945316, P. R. Green, 2006.

‡*Allium subhirsutum* 158/24.5. *41, Glam.: increasing in sandy grassland and scrub, Horton, Gower, SS476855, A. S. Lewis, 2005.

‡*Allium paradoxum* 158/24.9. *35, Mons.: a few plants making spontaneous appearance in 2005 in overgrown bed in lawn, La Cuesta, Chepstow, ST5293, T. G. Evans, 2006. *H12, Co. Wexford: wooded east bank of Owenavorrach River, Courtown, T20295724, P. R. Green, 2006.

‡*Allium ampeloprasum* var. *ampeloprasum* 158/24.13. *H12, Co. Wexford: large patch on road bank, Houseland, S75740116, P. R. Green, 2006, **DBN**.

‡*Nectaroscordum siculum* 158/25.1. *57, Derbys.: under trees and bushes on river bank, Wye Dale, SK104725, P. Llewellyn, 2006, conf. A. Willmot. Apparently well naturalised.

‡*Leucojum aestivum* subsp. *pulchellum* 158/31.1b. *46, Cards.: wooded slope, Llanbadarn Fawr, SN607805, A. O. Chater & S. P. Chambers, 2006, NMW. 1st record of subspecies.

‡*Galanthus nivalis* × *G. elwesii* 158/32.1×2. *62, N. E. Yorks.: several well-established plants in grassland under trees, Eston cemetery, NZ547187, V. Jones, 2006, conf. J. Armitage.

‡*Narcissus tazetta* 158/33.1. *H12, Co. Wexford: large patch under a tree in field, Ballinesker, T118289, P. R. Green, 2006.

‡*Narcissus cyclamineus* 158/33.6. *41, Glam.: in rubbly waste, Langdon Road, Swansea Docks, SS670930, A. S. Lewis, 2005. 1st Welsh record.

‡**Sisyrinchium californicum** 159/2.3. *46, Cards.: abundant in area 30 x 10m on gravelly scrub slope, Maes-y-pwll, New Quay, SN391595, A. O. Chater, 2006, conf. E. J. Clement, NMW.

‡**Sisyrinchium striatum** 159/2.5. *H12, Co. Wexford: clump on waste ground, New Ross, S711257, P. R. Green, 2007.

‡**Iris germanica** 159/5.1 *67, S. Northumb.: Seaton Sluice, NZ337768, J. L. Durkin, 2005.

‡**Iris orientalis** 159/5.7. *41, Glam.: about 20 flowering spikes (perhaps planted?), on verge of B4265, near Llantwit Major, SS975694, P. V. & A. S. Lewis, 2006. 1st Welsh record.

‡**Crocus tommasinianus** 159/8.2. *H12, Co. Wexford: clump on rough road verge, where soil had been dumped, Polumaloe, S697190, P. R. Green, 2006.

‡**Gladiolus communis** subsp. **byzantinus** 159/9.2b. *H12, Co. Wexford: single plant on road verge, Gallagher, T0007, P. R. Green, 2006.

‡**Crocsmia paniculata** 159/13.1. *H12, Co. Wexford: large patch on waste ground, Templeludigan, S793356, P. R. Green, 2006.

‡**Cordyline australis** 160/3.1. 44, Carms.: seeding at junction of sandstone wall and unmetalled backlane, Sandy Road, Iscoed, Llanelli, SN494007, I. K. Morgan, 2006. 1st Welsh record as a neophyte.

Epipactis × **schmalhauseni** (**E. atrorubens** × **E. helleborine**) 162/3.2×4. *69, Westmorland: grikes of limestone pavement, Hutton Roof, SD555781, A. Gendle, 2005, det. A. J. Richards, photo LANC.

Gymnadenia conopsea subsp. **borealis** 162/16.1c. *79, Selkirks.: at 200m on flushed hillside, Williamshope, Glenkinnon Burn, NT418334, C. Morrison, 1978, det. R. W. M. Corner. First record of subspecies. Photograph retained by R. W. M. Corner.

Dactylorhiza × **hallii** (**D. maculata** × **D. praetermissa**) 162/18.2×4. *70, Cumberland: scrub on roadside bank, A66 E of Threlkeld, NY348270, A. Gendle, 2006, det. R. M. Bateman.

Dactylorhiza praetermissa 162/18.4. *69, Westmorland: 80+ plants in roadside/woodland margin, Prizet, S of Kendal, SD506902, A. Gendle, 2006, det. R. M. Bateman, *70, Cumberland: scrub on roadside bank, A66 E of Threlkeld, NY348270, A. Gendle, 2006, det. R. M. Bateman.

