

Plant Records

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

∅ 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.

Records are now published in two separate sections – 1) NATIVES (including archaeophytes) and 2) ALIENS (neophytes and casuals).

The following list contains the first set of records up to and including the year 2009. Further records including the year 2009 will be published in the next issue of *Watsonia*.

ARCHAEOPHYTES AND NATIVES

- Huperzia selago** 1/1.1. ©81, Berwicks.: one plant on forestry trackside, Hartside Hill, NT445543, M. E. Braithwaite, 2009. 1st record since 1896.
- Lycopodium annotinum** 1/3.2. ©106, E. Ross: wet heath at 530m, Meall na Speireig, NH304700, B. R. & C. B. Ballinger, 2009. Site extends into NH36 at NH309699.
- Equisetum xrothmaleri** (*E. arvense* × *palustre*) 4/1.5×8. *62, N. E. Yorks.: large patch on waste ground of a long-abandoned nursery, near Love Lane, Pickering, SE802847, V. Jones & W. A. Thompson, 2008, conf. P. J. Acock, **herb. V. Jones, herb. P. J. Acock**.
- Dryopteris affinis** subsp. *cambrensis* 17/3.3b. *62, N. E. Yorks.: steep wooded slope below cliffs, Kay Nest, Tripsdale, SE583986, V. Jones & K. Trewren, 1996.
- Dryopteris affinis** subsp. *borreri* 17/3.3c. *106, E. Ross: Orrin Bridge, NH504532, A. C. Jermy & R. M. Walls, 1996. Omitted from VCCC. Further record made by R. Golding in 2009 at edge of pine plantation near Munloch at NH647520.
- Dryopteris xdeuveri** (*D. carthusiana* × *dilatata*) 17/3.8×9. *106, E. Ross: Orrin Bridge, NH504532, A. C. Jermy & R. M. Walls, 1996. Omitted from VCCC. Further record made by R. Golding in 2009, confirmed by K. Trewren, at edge of pine plantation near Munloch at NH647520.
- Dryopteris xsarvelae** (*D. carthusiana* × *expansa*) 17/3.8×10. *62, N. E. Yorks.: five plants (possibly one connected plant) in damp deciduous woodland, East Arnecliffe Wood, Glaisdale, NZ791047, K. Trewren, 2007. Confirmed by chromosome count.
- Dryopteris xambroseae** (*D. dilatata* × *expansa*) 17/3.9×10. *62, N. E. Yorks.: single plant, edge of boggy patch in deciduous woodland, East Arnecliffe Wood, Glaisdale, NZ792048, K. Trewren, 1995. Confirmed by chromosome count. About 200 plants known in the wood in 2008.
- Juniperus communis** subsp. *communis* 21/4.1a. *52, Anglesey: coastal ravine, Holyhead Mountain, SH2182, B. Jones, 2004, det. J. Squirrell & P. M. Hollingsworth. Subspecies determined using molecular markers in 2008. Species 1st recorded by I. Bullock in 1978 and variously identified as subsp. *nana* and subsp. *hemispherica* but these records should be deleted.
- Ranunculus parviflorus** 28/13.7. 29, Cambs.: thousands of small plants on gravelly waste ground beside Chesterton Hospital, Union Lane, Cambridge, TL460599, A. C. Leslie, 2008, **CGE**. 1st record since 1928.
- †**Ranunculus arvensis** 28/13.8. 41, Glam.: about 130 plants in arable field mostly near edge, Flemingston, St Athan, ST013694, J. P. Woodman, 2004-08. 1st record since 1970.
- Ranunculus peltatus** 28/13.24. *29, Cambs.: ditch, Chear Fen Engine Drain, Cottenham, TL466710, N. P. Millar, 2008, **BM**, conf. R. V. Lansdown. R. V. Lansdown commented that the abortion of many carpels, as well as the occurrence of lamina leaf shape instability, suggests a degree of hybridisation may be involved.
- Fumaria capreolata** 31/5.1. †81, Berwicks.: a few plants at foot of village wall, Cockburnspath, NT774710, M. E. Braithwaite, 2009. 1st record since 1878.
- Ulmus xvegeta** (*U. glabra* × *minor*) (Loudon) Ley 33/1.1×3. *‡52, Anglesey: single tree (possibly planted) in roadside hedge, Llandegfan, SH5673, A. Dixon, 2008, det. P. Denne. Ø
- Beta vulgaris** subsp. *maritima* 43/4.1a. *©81, Berwicks.: one large plant on sand and boulder beach, Ewelairs, NT789713, M. E. Braithwaite, 2009. Recent colonisation.
- Montia fontana** subsp. *amporitana* 45/3.1c. 45, Pems.: plants growing on cattle-poached muddy margins to ponds, Cromlech valley, Longhouse, Abercastle, SM849336, S. B. Evans & A. E. Evans, 2008. 1st record since 1970.
- †**Polygonum rurivagum** 47/4.6. *62, N. E. Yorks.: abundant on boundary of arable at edge of Outgang Lane, near Thornton-le-Dale, SE844838, V. Jones & C. Wilson, 2007, **herb. V. Jones**.
- †**Rumex pseudoalpinus** 47/8.6. ©39, Staffs.: at 340m on edge of regraded limestone quarrying area, adjacent to road, Caldonlow, SK078481, I. J. Hopkins, 2008.
- Rumex xlingulatus** (*R. hydrolapathum* × *obtusifolius*) 47/8.10×19. 29, Cambs.: one vigorous clump on the north bank of the R. Nene, just west of the bypass bridge, March, TL402970, A. C. Leslie, 2008, **CGE**.
- Rumex xruhmeri** (*R. conglomeratus* × *sanguineus*) 47/8.14×15. *39, Staffs.: SE side of fishing lake, Clay Mills, SK261258, M. E. Smith, 2008.

Hypericum humifusum × **linariifolium** 51/1.10×11. *46, Cards.: rough grass by fence, MoD site, Aberporth, SN246515, A. O. Chater, 2008, det. N. K. B. Robson, NMW. *H. linariifolium* has not yet been seen in the vice-county.

Viola × **bavarica** (**V. riviniana** × **reichenbachiana**) 57/1.4×5. *39, Staffs.: quite frequent in a dry plateau under *Fraxinus*, Roughpark Wood, Herons Gate, SO808841, I. C. Trueman & E. V. C. Cohn, 2008.

Frankenia laevis 59/1.1. *‡62, N. E. Yorks.: 18 patches hanging over kerbstones, S side of A170, E of lay-by, Howkeld, W of Kirbymoorside, SE686856, W. A. Thompson, 2008, conf. E. J. Clement, herb. V. Jones. This was confirmed as the native plant and not a garden cultivar.

Rorippa islandica 62/12.3 *47, Monts.: about 12 plants at pool edge with more scattered around same pool (by west hide), Dolydd Hafren, SJ205003, A. O. Chater, 2008. *49, Caerns.: riverbank west of Afon Glaslyn, Beddgelert, SH5947, M. Wilcox & B. A. Tregale, 2008.

†**Diploxys tenuifolia** 62/33.1. *‡81, Berwicks.: several plants by harbour buildings, Cove Harbour, NT784717, M. E. Braithwaite, 2009. Relic from former cultivation.

Crassula tillaea 73/1.1. *‡46, Cards.: Ynys-las, SN69, W. Williams, 1947. Annotation in copy of Salter's *Flora* then belonging to Watkin Williams, UCW Aberystwyth, later Professor of Agricultural Botany at University of Reading, per G. Hutchinson. The earliest record from Wales, and doubtless introduced here by the military vehicles that used the dunes during the Second World War.

Rubus adenanthoides 75/8.222. *57, Derbys.: trackside above Valehouse Reservoir, SK0397, D. P. Earl, 2008. Locally abundant. Known from other side of valley in Cheshire.

Potentilla × **mixta** (**P. anglica** × **reptans**) 75/9.14×15. *81, Berwicks.: a few plants in a woodland ride near Lithillum Loch, NT804409, M. E. Braithwaite, 2009, conf. B. Harold.

Medicago minima 77/18.3. *©57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.

Trifolium glomeratum 77/19.5. *©57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.

Trifolium suffocatum 77/19.6. *©57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.

†**Lythrum hyssopifolia** 81/1.2. *‡49, Caerns.: in an area where grass turves had been removed and the resulting bare sandy earth had become colonised by annuals such as *Anagallis arvensis*, *Matricaria discoidea*, etc., North Wales Golf Course, Llandudno, SH776807, W. McCarthy, 2008, det. C. D. Preston.

Epilobium × **limosum** (**E. parviflorum** × **montanum**) 84/1.2×3. 29, Cambs.: one plant on road verge, Milton Road, Cambridge, TL458600, M. Wilcox & B. A. Tregale, CGE, conf. G. D. Kitchener. 1st record since 1913.

Epilobium × **palatinum** (**E. parviflorum** × **tetragonum**) 84/1.2×5. *46, Cards.: ditch, Tyros farm, New Quay, SN378591, J. H. Salter, 1937, NMW, det. G. D. Kitchener. Determined in 2006.

Epilobium × **dacicum** (**E. parviflorum** × **obscurum**) 84/1.2×6. *29, Cambs.: on an area of waste land, High Fields, Bassingbourn, TL333422, P. D. Sell, 2004, CGE, det. G. D. Kitchener.

[**Epilobium** × **dacicum** (**E. parviflorum** × **obscurum**) 84/1.2×6. *46, Cards.: rough track by new houses, Cefn-Ilan, Llanbadarn Fawr, SN599815, S. P. Chambers, 2006, det. T. D. Pennington. The existing record for the v.c. in Wade (1952) and in the VCCC, and provisionally given in Ellis (1968), was based on a 1937 Salter specimen in NMW which is in fact *E. xpalatinum*.]

Circaea × **xintermedia** (**C. lutetiana** × **alpina**) 84/6.1×2. *41, Glam.: wood edge / stream bank, Abercanaid, SO042041, J. P. Woodman, 2003. 1st confirmed record.

†**Mercurialis annua** 91/1.2. *50, Denbs.: Minera, SJ25, J. A. Green, 2007.

Euphorbia serrulata 91/2.7. *‡49, Caerns.: wall-base, Beddgelert, SH64, A. Showler, 2008.

Frangula alnus 92/2.1. 44, Carmr.: several plants seen on lane sides, Llyn Llech Owain, SN565150, BSBI Glynhir Meeting, 2008. 1st record since 1970.

Bupleurum tenuissimum 107/26.3. 41, Glam.: 58 plants on upper edge of saltmarsh, West Aberthaw, ST013664, V. & A. Marshall (BSBI meeting), 2004, conf. J. P. Woodman. 1st record since 1970.

Centaureum erythraea 108/3.2. *106, E. Ross: forestry track, Benmore Forest, NC296083, B. R. & C. B. Ballinger, 2009, **herb. B. B.** Also found by forest track at Inveroykel West, NC473003.

Gentianella campestris 108/5.2. 41, Glam.: over 400 plants in dune grassland, Sker, Kenfig, SS789799, M. J. Clark, 2008, conf. J. Curtis. 1st record since 1970.

Gentianella amarella subsp. **septentrionalis** 108/5.4c. 106, E. Ross: sand dunes, Morrich More, NH807838, B. R. & C. B. Ballinger, 2009, **herb. B. B.** Confirms unlocalised BRC record for NH88 in 1971. Also found at Benmore Forest on 09/08/09 at NC297084 and on 05/10/09 at NC303090.

[†**Vinca minor** 109/1.1. 48, Merioneth. Delete. The record from Mallwyd, SH8.1, in *Watsonia* 27(3): 263(2009) is the first recent record for the hectad, not for the vice-county.]

Nymphoides peltata 113/2.1. *‡47, Monts.: a very small quantity in canal, near Wern Reserve, SJ2514, A. K. Thorne, 2008.

Myosotis ×suzae (*M. scorpioides* × *laxa*) 116/15.1×4. *47, Monts.: pool edge, Dolydd Hafren, SJ206003, A. O. Chater & M. Rand, 2008.

Hippuris vulgaris 119/1.1. *‡47, Monts.: a stand of 1 square metre in Montgomery Canal, Ardleen, SJ261159, A. K. Thorne, 2008. May have been introduced.

Verbascum ×brockmuelleri (*V. nigrum* × *phlomoides*) Ruhmer 124/1.9×5. *45, Pems.: limestone quarry, Black Rock Quarry, Tenby, SN1200, F. L. Rees, 1942, **NMW**, det. V. Johnstone. In July 2008, the referee, V. Johnstone, determined the 1942 **NMW** specimen as this hybrid, as titled on the original label. *Fl. Pl. Wales* includes the record as erroneous. Ø

†**Kickxia elatine** 124/12.1. ‡48, Merioneth: garden weed at Penhelig, Aberdyfi, SN69, P. M. Benoit, 1985. A modest updating from pre-1970 in this, the only Merioneth site.

Euphrasia anglica × nemorosa 124/20.3×7. *48, Merioneth: sand dune turf, Morfa Harlech, SH53, G. Halliday, 1993, det. A. J. Silverside, **LANC**.

Campanula trachelium 129/1.12. *©45, Pems.: green waste in paving slabs, St. David's Recycling Centre, SM785267, S. B. & A. E. Evans, 2008. Among a host of casuals seeded into the crevices between the paving in a little used part of the green waste temporary storage area.

Cirsium ×celakovskianum (*C. palustre* × *arvense*) 135/6.9×10. *52, Anglesey: rough grassland, Lligwy, SH496866, C. Aron, 2008, conf. K. Walker, **herb. I. R. Bonner**. *81, Berwicks.: damp grassland, Longcroft, NT531538, M. E. Braithwaite, 2002. Large colony, determined and confirmed in 2009.

†**Centaurea cyanus** 135/11.3. 46, Cards.: among dense growth of arable weeds from seed bank in turnip field, 600m NNW of Pen-rhiw, Capel Dewi, SN435422, A. O. Chater & B. & G. Harrison, 2008. 1st record as an arable weed since 1936.

Taraxacum hamiferum 135/25.90. *62, N. E. Yorks.: edge of woodland, Home Wood, Thirkleby, SE473795, V. Jones & W. A. Thompson, 2007, det. V. Jones, conf. A. J. Richards, **herb. V. Jones**.

Taraxacum pruinatum 135/25.97. *62, N. E. Yorks.: road verge, Ingleby Greenhow, NZ583065, V. Jones, 2008, det. A. J. Richards, **herb. V. Jones**.

Taraxacum stenacrum 135/25.201. *62, N. E. Yorks.: road verge, Green Lane near Hutton Rudby, NZ452057, V. Jones, 2007, conf. A. J. Richards, **herb. V. Jones**.

Taraxacum subundulatum 135/25.210. *62, N. E. Yorks.: grassland, road to Station Farm, Ingleby Greenhow, NZ579073, V. Jones, 2008, det. A. J. Richards, **herb. V. Jones**.

Hieracium virgultorum 135/28.1.2. *44, Carms: wall and railwayside, E of Burry Port Station, SN448007, G. Hutchinson, 1989, **NMW**, det. D. J. McCosh. 1st record since 1970. Also at SN449007.

[**Hieracium pollichiae** 135/28.7.58. 46, Cards.: disused railway cutting, Penyrangor, Aberystwyth, SN581808, A. O. Chater, 1993, **NMW**. Error. Delete. Specimen renamed as *H. spilophaeum*.]

Hieracium aviicola 135/28.7.avi. *44, Carms: limestone quarry, Coygan Quarry, Laugharne, SN285092, G. Hutchinson & R. D. Pryce, 1986, **NMW**, det. D. J. McCosh. Ø

Hieracium scanicum 135/28.7.sca. *44, Carms: grassy bank, Bethlehem, SN687253, J. Bevan, R. Burton, G. Hutchinson & R. D. Pryce, 1986, **NMW**, det. D. J. McCosh. Ø

Hieracium scotostictum 135/28.8.115. *44, Carms: limestone quarry, Banc-y-Mansel Quarry, Foelgastell, SN534149, T. & V. Lewis & K. A. & R. D. Pryce, 2005, det. D. J. McCosh, **NMW**.

- Hieracium clivicola** 135/28.8.cli. *44, Carms: Bannau Sir Gaer, ?SN72orSN82, H. J. Riddelsdell, 1902, NMW, det. D. J. McCosh. Ø
- Hieracium sylvularum** 135/28.8.syu. Jord. ex Boreau *44, Carms: roadside bank, S. of Llanarthne, SN530192, R. D. Pryce & K. A. Cottingham, 2002, det. D. J. McCosh, NMW. Ø
- Aster tripolium** 135/41.6. *©81, Berwicks.: one plant in saltmarsh, Ramsheugh Bay, NT777722, M. E. Braithwaite, 2009. Recent colonisation.
- †**Anthemis arvensis** 135/55.2. 41, Glam.: arable field, Bonvilston, ST061745, J. P. Woodman, 2006, herb. J. P. W. 1st record since 1971.
- Luronium natans** 137/3.1. ©39, Staffs.: Rushall Canal, Yew Tree, SP033960, C. R. Parry, 1998.
- Hydrocharis morsus-ranae** 138/1.1. 47, Monts.: extensive stands along canal margins extending across 3 monads, Montgomery Canal, Arddleen, SJ2515, A. K. Thorne, 2008. 1st record for 30 years; was thought to have become extinct.
- Potamogeton trichoides** 142/1.16. *©57, Derbys.: submerged in fishing pond, Darley Abbey, SK3538, T. Taylor, 2005. Pond has been stocked with fish & plants by an angling club.
- Arum italicum** 147/5.2. ‡44, Carms: naturalised, presumably originally planted in curtilage hedge bank, Pentremeurig Road, Carmarthen, SN394205, R. D. & K. A. Pryce, 2008. 1st record since 1970.
- Lemna gibba** 148/2.1. 52, Anglesey: shallow pool, Glyn Dwr, Valley, SH2879, R. Lansdown, 2008. 2nd record and 1st since 1964.
- Juncus ×surrejanus (J. articulatus × J. acutiflorus)** 151/1.13×14. *39, Staffs.: fields S of Castle Road, Holly Bank, Walsall Wood, SK054027, I. C. Trueman, 2008. *62, N. E. Yorks.: dominant in wet flush, E side of moorland track, near Castleton, NZ675094, V. Jones, 2008, conf. M. Wilcox.
- Juncus ×kern-reichgeltii (J. effusus × conglomeratus)** 151/1.26×27. *44, Carms: acid laneside banks, ENE of Penllwydcoed, Alltwalis, SN459329, R. D. & K. A. Pryce, 2008.
- Cyperus longus** 152/11.1. *‡47, Monts.: on edge of pool at Dolydd Hafren, SJ201001, R. A. Dawes, 2004. Non-native site. Refound at SJ201001 and a second clump located at Dolydd Hafren, SJ207003, both by BSBI, 2008.
- [**Cyperus fuscus**, 152/11.3. *8, S. Wilts.: ditches and marsh, Breamore Marsh, SU1518, C. Chatters, 2002. Error. Delete. This record refers to v.c.11]
- [**Carex paniculata** 152/16.1. 48, Merioneth. Delete. The plants at Dolgoch, SH6.0, recorded in *Watsonia* 27(3): 263(2009) were the first recent record for the hectad, not for the vice-county.]
- Carex ×pseudoaxillaris (C. otrubae × remota)** 152/16.5×15. *44, Carms: roadside bank, Waun-y-gwiall-fach, Four Roads, Kidwelly, SN450088, A. Stevens, 2008, conf. A. O. Chater, NMW.
- Carex muricata subsp. muricata** 152/16.8a. *23, Oxon: two small clumps under sycamore, Warburg Reserve, SU718878, A. Showler, 2002, conf. M. S. Porter.
- Carex pallescens** 152/16.47. *50, Denbs.: forest road verge near Pont Petryal, Clocaenog, SJ038521, J. A. Green, 2008.
- Carex pilulifera** 152/16.55. 29, Cambs.: at least five clumps just to the west of the main hollow at Gamlingay Cinques, TL226529, D. J. Barden, A. C. Leslie & C. Turner, 2008. 1st record since 1956. C. Turner indicated that he had noted its reappearance 'a year or two ago'.
- Festuca rubra** subsp. **juncea** 153/12.7b. *‡39, Staffs.: gravel track off Collis Street, Amblecote, SO900857, M. E. Smith, 2001, conf. C. A. Stace. Presumably accidentally introduced with the gravel. Cultivated at recorder's home in Stourbridge prior to its confirmation.
- Festuca rubra** subsp. **litoralis** 153/12.7c. *62, N. E. Yorks.: locally frequent on N bank of R. Esk, E of Ruswarp, NZ891091, V. Jones & M. J. Yates, 2008.
- Festuca ovina** subsp. **hirtula** 153/12.8b. *39, Staffs.: on an old wall, Tutbury Castle, SK209290, M. E. Smith, 2008, det. C. A. Stace.
- Festuca arundinacea × Lolium multiflorum** 153/12×13.2×2. *©39, Staffs.: in shade on side of path through a small park, E of Sedgley, SO929935, C. B. Westall, 2008. Apparently from bird-seed.
- Agrostis ×murbeckii (A. capillaris × stolonifera)** 153/39.1×4. *39, Staffs.: pasture, NW of Tutbury, SK205296, M. E. Smith, 2008, det. T. A. Cope. Cultivated at recorder's home in Stourbridge prior to its confirmation.

Bromus hordeaceus subsp. **longipedicellata** 153/50.4lon. *39, Staffs.: roadside, King's Bromley, SK1216, L. Spalton, 2000.

†**Bromus secalinus** 153/50.7. ©39, Staffs.: disturbed, re-seeded fringe of a new recreation field, Little Aston, SK093006, J. E. Hawksford, 2008. ©39, Staffs.: edge of rape field, Staffordshire Way, N of Abbot's Bromley, SK090269, J. E. Hawksford, 2008. ©39, Staffs.: near edge of wheat field, SW of Hoar Cross, SK114218, J. E. Hawksford, 2008. ©39, Staffs.: in a wheat field, S of Tutbury, SK208278, R. D. Martin, 2008, det. J. E. Hawksford. 41, Glam.: frequent in large wheat field near coast, South of Boverton, SS981669, J. P. Woodman, 2002. 1st record since 1970 and only extant v.c. record.

Typha xglauca (**T. latifolia** x **angustifolia**) 155/1.1x2. *57, Derbys.: emergent on side of pond, McGregor's Pond, SK386689, N. Law, 2007, det. P. R. & I. P. Green.

Convallaria majalis 158/13.1. *81, Berwicks.: patch 3x2m near *Sorbus rupicola* on ledge near top of crag, Gaitheugh, NT592343, L. W. Gaskell, 2009. Very possibly native.

Cephalanthera longifolia 162/2.2. 47, Monts.: two flowering plants and 7 very young plants with *Pteridium aquilinum* in oak woodland near Kerry, SO150880, M. Jannink, 2008. Found close to the original and only site. Not seen for 30 years.

Spiranthes romanzoffiana 162/7.3. *75, Ayr.: damp runnel within plateau bog, S of Barrhill, South Ayrshire, NX228808, M. Bates, 2009, conf. G. Walker. As with other *Orchidaceae* found in the VC for the first time in recent years and outwith their normal range, there is some speculation that seed may be blown in on the prevailing SW wind from populations in NE Ireland. Only one plant found so left entire and *in situ*. Photograph with VCR.

Corallorrhiza trifida 162/11.1. ©106, E. Ross: under willows and birches in bog woodland, Lochan nan Tunnag, Kildary, NH764761, B. R. & C. B. Ballinger, 2009.

Plantanthera xhybrida (**P. chlorantha** x **bifolia**) 162/13.1x2. *46, Cards.: riverside pasture, S end of Cors Caron NNR, SN674616, A. O. Chater, 2008, det. R. M. Bateman. Two plants confirmed in population of c.30 *P. chlorantha* or the hybrid; *P. bifolia* grows nearby.

Orchis purpurea x **simia** 162/20.5x7. *23, Oxon: about 10 plants at edge of wood, Hartslock, Goring, SU616795, C. Raper, 2006, conf. R. M. Bateman. The *O. purpurea* parent had been introduced.

NEOPHYTES AND CASUALS

‡**Cystopteris diaphana** 16/5.dia. *49, Caerns.: walls and banks, Glynllifon, SH45, M. Rickard, 2006, conf. F. J. Rumsey. Martin Rickard comments - Known here for many years as *C. sempervirens* and described by the *British Fern Gazette* Vol.5, p.96, 1925 as 'thoroughly naturalised here and seedlings are appearing in hundreds'.

‡**Polystichum munitum** 17/1.mun. *62, N. E. Yorks.: single plant in scrubby woodland, NE edge of Brotton, NZ694200, K. Trewren, 2008.

‡**Pseudotsuga menziesii** 20/2.1. 29, Cambs.: two self-sown plants on edge of ride, Ditton Park Wood, TL664571, D. J. Barden & A. C. Leslie, 2008. 1st record for self-sown Douglas Fir.

‡**Tsuga heterophylla** 20/3.1. *29, Cambs.: scattered self-sown saplings in open grassy areas near the north side of Little Widgham Wood, TL663550, British Bryological Society, 2008, det. M. O. Hill & S. Damant.

‡**Thuja plicata** 21/3.1. 50, Denbs.: Ruthin, SJ15, J. A. Green, 2007. 3rd record & 1st since 1970.

‡**Laurus nobilis** 24/1.1. *48, Merioneth: several young plants flourishing amongst gorse and bramble, Dinas Oleu, Barmouth, SH61, P. M. Benoit, 2008.

‡**Houttuynia cordata** Thunb. 24B/HOU.cor. *46, Cards.: abundant by path in wet woodland, below Llwyn-teg, 2km SE of Brynhoffnant, SN352504, A. O. Chater, 2008, det. E. J. Clement, NMW. Ø Surprisingly for such a vigorous garden plant, the first record of it naturalised in Britain.

‡**Trollius xcultorum** Bergmans, 28/2.cul. *©63, S. W. Yorks.: disused railway line, Thackley, SE168384, B. A. Tregale, 2004. Ø

‡**Berberis aggregata** 29/1.5. *81, Berwicks.: forestry track, Lumsdaine Moor, NT862681, M. E. Braithwaite, 2009. Small group planted, with two seedlings on track.

‡**Berberis darwinii** 29/1.9. 113(S), Channel Is. (Sark): on outside of garden wall, La Chaumière Guest House, Aval du Creux, WV471759, R. M. Veall, 2009, **herb. Société Sercquaise**. Self-seeded from top of roadside bank.

‡**Papaver pseudoorientale** 30/1.1. *62, N. E. Yorks.: well-established on roadside bank and wall, Stonegrave, SE656779, W. A. Thompson, 2008.

‡**Ficus carica** 35/2.1. *48, Merioneth: edge of car-park by ex-Woolworth store, Barmouth, SH61, P. M. Benoit, 2009. Frequently chopped back but reasserts itself. Known there for many years. Updating the site to 2009

‡**Juglans regia** 37/1.1. *48, Merioneth: one large old tree at Arthog Hall Farm, SH61, P. M. Benoit. Was declining in the 1950s and is now (2009) gone.

‡**Pterocarya fraxinifolia** 37/2.1. *41, Glam.: Bargoed, ST144992, A. O. Chater & P. A. Smith, 2005.

‡**Alnus cordata** 40/2.3. *45, Pems.: several saplings or young trees regenerating on wet waste ground, derived from amenity planting on a bank nearby, West Llanion Pill, Pembroke Dock, SM967039, S. B. Evans, 2008.

©**Atriplex sagittata** Borkh. 43/3.sag. *18, S. Essex: about 500 plants, with *Puccinellia fasciculata* on S verge of A13, N of Bloomfield Farm, Grays, TQ620810, T. Pyner, 2006, STDCM. Still persisting in 2007. Ø

‡**Amaranthus powellii** 44/1.pow. *29, Cambs.: frequent as a weed in asparagus field, Hauxton, TL435522, J. D. Shanklin, 2008, CGE, conf. E. J. Clement.

‡**Lychnis coronaria** 46/18.1. *©45, Pems.: green waste in paving slabs, St. David's Recycling Centre, SM785267, S. B. Evans & A. E. Evans, 2008. Among a host of casuals seeded into the crevices between the paving in a little used part of the green waste temporary storage area.

‡**Lychnis chalconica** 46/18.cha. 41, Glam.: edge of wood, Leckwith, Cardiff, ST157753, B. McDonald, 2005. 1st record since 1970 and the only recent East Glamorgan record.

‡**Saponaria ocymoides** 46/22.2. *©62, N. E. Yorks.: single plant self-sown in gutter, South Back Lane (East), Terrington, SE671705, V. Jones, W. A. Thompson & M. J. Yates, 2008. Still there in 2009.

‡**Dianthus barbatus** 46/25.6. 44, Carms: single self-sown plant (pink flowered) in unmanaged dune grassland, Ashburnham Golf Course, near The Links, Pembrey, SN430005, Llanelli Naturalists meeting, 2008. 1st record as neophyte and 3rd v.c. record.

©**Cucurbita pepo** 60/CUT.pep. *62, N. E. Yorks.: single self-sown fruiting plant, waste ground between B1257 and Stokesley School, Stokesley, NZ532083, V. Jones, 2008.

‡**Cardamine raphanifolia** 62/14.4. *©57, Derbys.: disturbed soil near Dore Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road. *81, Berwicks.: six plants on riverside, Gledswood, NT586341, L. W. Gaskell, 2009.

©**Lunaria rediviva** L. 62/17.red. *35, Mons.: one large plant (possibly planted) near brook, Manor Brook valley, Whitebrook, SO531063, T. G. Evans & D. Green, 2008. Ø

‡**Cochlearia megalosperma** (Maire) Vogt 62/23.meg. *81, Berwicks.: shaded river bank, Tweedmill, NT863426, G. Hargreaves, 2006, det. D. German & M. E. Braithwaite, E. By 2009 plentiful over 150m. Originally identified as *Peltaria alliacea*. Ø

‡**Camelina sativa** 62/24.1. ©39, Staffs.: at 205m on edge of Alsopps Hill Quarry, Tippet Green, SO968878, S. Timms, 1998.

©**Conringia orientalis** 62/CON.ori. 39, Staffs.: amenity grassland, Crown Meadow, Stone, SJ903335, R. N. Hill, 2002. 1st record since 1930.

[‡**Peltaria alliacea** Jacq. 62/PEL.all. *81, Berwicks. Delete. Re-identified as *Cochlearia megalosperma*.]

‡**Rhododendron arboreum** W.W. Sm. 65/2.arb. *52, Anglesey: woodland, Beaumaris, SH5975, N. Brown, 2008. Ø

‡**Primula denticulata** Wight 69/1.den. *62, N. E. Yorks.: single flowering plant in waste ground on E bank of stream, Stainsacre Beck, E of Ruswarp, NZ894092, V. Jones, 2008. Ø

©**Primula xpruhonicensis** Zemann ex Bergmans 69/1.pru. *49, Caerns.: 1 clump with reddish/purple flowers on roadside verge E of Crug House, Bethel, SH5165, W. McCarthy, 2008. Ø

©**Primula xpruhonicensis 'Wanda'** Zemann ex Bergmans 69/1.pru. *63, S. W. Yorks.: growing in pavement, Old Windhill Road, Thackley, Bradford, SE163381, B. A. Tregale & M. Wilcox, 2009. Ø

‡**Cyclamen coum** 69/3.2. *©63, S. W. Yorks.: established in field, Thackley, Bradford, SE163381, B. A. Tregale, 2009.

- ‡*Pittospermum tenuifolium* 70/1.2. *49, Caerns.: established on steep wooded slope, Bangor, SH5873, S. P. Chambers, 2005.
- ‡*Escallonia ×langleyensis* Vilm. & Bois (*E. macrantha* × *virgata*) 72/1.1×vir. *63, S. W. Yorks.: scrub near Boar's Well, Bradford, SE164357, B. A. Tregale, 2009. Ø
- ‡*Ribes odoratum* 72/2.5. *44, Carms: roadside verge on E side of new bypass, Ammanford, SN638125, J. Poland & M. Stead, 2008, det. J. Poland.
- ‡*Sedum kamtschaticum* 73/5.kam. *62, N. E. Yorks.: three small, spreading patches on the churchyard wall of the Catholic Church, Lealholm, NZ763077, V. Jones & W. A. Thompson, 2008, conf. E. J. Clement, **herb. V. Jones**.
- ‡*Bergenia ×schmidtii* (*B. crassifolia* × *ciliata*) (Regel) Silva Tar 74/3.1×cil. *29, Cams.: several plants established on garden refuse site, Stetchworth, TL642584, A. C. Leslie, 2008, **CGE**. *63, S. W. Yorks.: old reservoir setts, Horton Bank, Bradford, SE126310, B. A. Tregale & M. Wilcox, 2009. Ø
- ‡*Bergenia cordifolia* (Haw.) Sternb. 74/3.cor. *63, S. W. Yorks.: by woodland path, Hirst Wood, Shipley, SE130377, B. A. Tregale, 2004. Ø
- ‡*Tolmiea menziesii* 74/7.1. *52, Anglesey: roadside, Beaumaris, SH5975, I. R. Bonner, 2008.
- ‡*Tellima grandiflora* 74/8.1. *47, Monts.: one plant in shade in scrub and grassland, Llanymynech Hill, SJ260217, R. A. Dawes, 2008. *48, Merioneth: one plant in fertile woodland, Coed Cors-y-gedol, Dyffryn Ardudwy, SH52, P. M. Benoit, c.2005. Known there for many years.
- ‡*Rubus tricolor* 75/8.2. *44, Carms: well established and spreading on A40 embankment slope, Abergwili, SN434212, R. D. & K. A. Pryce, 2008. From original landscape plantings in scrub. *49, Caerns.: by coast path, Pwllheli, SH33, J. & H. Lowell, 2007.
- ‡*Sorbus 'Pearly King'* Hedl. 75/28. *63, S. W. Yorks.: near allotments, Myrtle Park, Bingley, SE105385, B. A. Tregale, 2008, conf. H. McAllister. Bird-sown. Ø
- ‡*Sorbus commixta* Hedl. 75/28.com. *63, S. W. Yorks.: scrub by River Aire, Hirst Mill, Shipley, SE131384, B. A. Tregale, 2006, conf. H. McAllister. Ø
- ‡*Sorbus vilmorinii* C. K. Schneid. 75/28.vil. *62, N. E. Yorks.: probably bird-sown on railway embankment, Yarm-on-Tees, NZ421109, J. Cox, 2008, det. V. Jones, conf. E. J. Clement, **herb. V. Jones**. Ø
- ‡*Cotoneaster congestus* 75/32.15. *46, Cards.: many self-sown plants on walls of long-abandoned walled garden, Highmead, Llanybydder, SN500430, A. O. Chater, 2002, **NMW**.
- ‡*Cotoneaster fangianus* 75/32.fan. *29, Cams.: one plant, bird-sown in hedge by 21 Wisbech Road, March, TL410971, A. C. Leslie, 2007, **CGE**, det. J. Fryer.
- ‡*Cotoneaster mairei* 75/32.mai. *62, N. E. Yorks.: bird-sown in open hedge on waste ground near Love Lane, Pickering, SE801846, V. Jones & W. A. Thompson, 2008.
- ‡*Cotoneaster vestitus* (W. W. Sm.) Flinck & Hylmö 75/32.ves. *29, Cams.: one large plant, bird-sown on the top of a tall, brick garden wall, Dullingham House, Dullingham, TL627580, A. C. Leslie, 2008, det. J. Fryer, **CGE**. A specimen from the parent shrub growing elsewhere in the garden has been determined by J. Fryer. Ø
- ‡*Crataegus crus-galli* 75/35.4. *50, Denbs.: Denbigh, SJ06, J. A. Green, 2007.
- ‡*Vicia faba* 77/14.fab. *©44, Carms: one plant, likely to have germinated from past year's arable crop in re-seeded pasture, Pant-Hywel, Pwll, SN482015, R. D. & K. A. Pryce, 2008. 1st localized record.
- ©*Medicago laciniata* 77/18.lac. *57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.
- ‡*Trifolium resupinatum* 77/19.9. *©57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.
- ©*Trifolium nigrescens* Viv. 77/19.nig. *57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. E. J. Clement. Ground disturbed by wall building next to road. Ø
- ©*Trifolium tomentosum* 77/19.tom. *57, Derbys.: disturbed soil near Dore, Sheffield, SK286815, K. Balkow, 2007, det. B. A. Tregale & M. Wilcox. Ground disturbed by wall building next to road.

©**Dorycnium mixtum** Mill.77/DOR.mix. *23, Oxon: one plant in garden on clay, Middle Barton, SP435258, G. Allen, 2002, conf. C. A. Stace. Not cultivated anywhere nearby. Ø

‡**Myriophyllum aquaticum** 79/2.2. *47, Monts.: a clump 1m across in canal, near Walls Bridge, SJ263208, R. A. Dawes, 2008.

©**Cornus sanguinea** L. subsp. **australis** (C.A.Mey.) Jáv. 85/1.1aus. *57, Derbys.: ornamental flower bed, University of Derby, SK340378, A. Willmot, 2007. Self-sown bush in shrubbery. Ø

‡**Euonymus japonicus** 88/1.3. *29, Cambs.: one bird-sown plant at base of railings, St John's College playing fields, Madingley Road, Cambridge, TL443589, A. C. Leslie, 2008.

‡**Euphorbia dulcis** 91/2.5. *©62, N. E. Yorks.: very locally frequent, self-sown in cobbled alley immediately E of Halifax Building Society, Normanby, NZ547183, V. Jones & W. A. Thompson, 2008, conf. E. J. Clement, **herb. V. Jones**.

‡**Acer macrophyllum** Pursh 99/1.mac. *62, N. E. Yorks.: several planted and some showing natural regeneration by forestry track, just W of Pry Rigg Farm, N of Ampleforth, SE591801, V. Jones & B. Walker (Forestry Commission), 2008, **herb. V. Jones**. Ø

‡**Oxalis debilis** 102/1.10. *81, Berwicks.: a few plants at foot of village wall, Cockburnspath, NT774711, M. E. Braithwaite, 2009. 1st record since 1878.

‡**Geranium 'Johnson's Blue'** (G. pratense × himalayense) 103/1.7×14. *©63, S. W. Yorks.: self-seeded on footpath, Frizinghall, Bradford, SE147361, B. A. Tregale, 2009, det. E. J. Clement. Ø

‡**Geranium procreans** Yeo 103/1.pro. *45, Pems.: well established garden escape on roadside hedgebank, Pen-y-bont, Cilgwyn, Newport, SN074362, C. A. Stace, 2008. Owner introduced it to garden from a Hampshire nursery about 15 years ago; now spreading along a few yards of roadside hedgebank. Ø 1st v.c. and probably the first British record.

‡**Fatsia japonica** 106/FAT.jap. *29, Cambs.: one bird-sown plant at base of wall, Brandon Court, Cambridge, TL457584, A. C. Leslie, 2008.

‡**Anthriscus cerefolium** 107/6.cer. *©62, N. E. Yorks.: single self-sown plant at base of wall, Terrington, SE669708, V. Jones, W. A. Thompson & M. J. Yates, 2008, conf. E. J. Clement, **herb. V. Jones**.

‡**Levisticum officinale** 107/38.1. *©44, Carms: waste ground, N end Jacksons Lane, Carmarthen, SN412201, R. D. & K. A. Pryce, 2008. 1st record since 1970. Probably originating from bird seed.

‡**Ferula communis** 107/FER.com. *©18, S. Essex: road verge, Dennise's Lane, London Borough of Havering, TQ581841, M. F. Smith, 2008. Single plant present 2004-2008 but no seed set.

‡**Solanum physalifolium** 110/8.3. *©44, Carms: weeds on sparsely vegetated verge of new roundabout, Welsh Wildfowl Centre, Penclacwydd, Llanelli, SS532987, BSBI Glynhir Meeting, 2008, det. G. M. Kay, **NMW**.

‡**Nicotiana ×sanderæ** (N. alata × forgetiana) 110/NIC/ala×for. *©62, N. E. Yorks.: single self-sown plant on waste ground between B1257 and Stokesley School, Stokesley, NZ532083, V. Jones, 2008, conf. E. J. Clement, **herb. V. Jones**.

‡**Nicotiana glauca** R. C. Graham 110/NIC.gla. *29, Cambs.: one self-sown flowering plant on a tall brick wall, Wordsworth Grove, Cambridge, TL442577, A. C. Leslie, 2008. Ø

‡**Anchusa azurea** 116/6.3. ©39, Staffs.: cleared residential waste ground E of A454/B4464 traffic island, Portobello, SO955982, I. C. Trueman, 2008. 1st record since 1946.

‡**Amsinckia micrantha** 116/12.2. ©41, Glam.: 30 plants in disturbed ground, Caerphilly, ST156886, A. Jones, 2003, conf. J. P. Woodman. 1st record since 1970.

©**Cerinth major** L. 116/CER.maj. *29, Cambs.: two plants on imported soil on a recently reconstructed railway bridge bank, W of Toft, TL351557, A. C. Leslie, 2008, **CGE**. These plants were of the cultivar '*Purpurascens*'. Ø

©**Verbena bonariensis** 117/1.bon. *57, Derbys.: two plants both well in flower on waste ground by pit head, Upper Pleasley, SK499644, A. Willmot, 2008.

‡**Mentha ×villosa** var. **alopecuroides** (M. spicata × suaveolens) 118/23.3×4alo. *81, Berwicks.: near farmstead, Kelphope, NT512584, M. E. Braithwaite, 2009. Established from throw-out.

‡**Mentha requienii** 118/23.6. *50, Denbs.: Denbigh, SJ06, J. A. Green, 2007.

‡**Jasminum beesianum** 123/JAS.bee. *62, N. E. Yorks.: small established patch on rough grassland, W of Tees Barrage, NZ461188, V. Jones, 2008, conf. E. J. Clement, **herb. V. Jones**.

‡**Verbascum bombyciferum** 124/1.4. *62, N. E. Yorks.: ten self-sown plants on stone wall and steps in village, Nunnington, SE666794, V. Jones & W. A. Thompson 2008, conf. E. J. Clement, **herb. V. Jones**.

‡**Phygelius capensis** 124/3.1. *62, N. E. Yorks.: naturally regenerating on edge of grassland, Nunthorpe, NZ530156, E. Gendle, 2008, conf. E. J. Clement, **herb. V. Jones**. *©63, S. W. Yorks.: rough pasture, Allerton Bullroyd, Bradford, SE133338, B. A. Tregale & M. Wilcox, 2009, conf. E. J. Clement.

‡**Chaenorhinum organifolium** 124/8.1. *29, Cambs.: one plant flowering in gutter in front of 3 Sleaford Street, Cambridge, TL464563, A. C. Leslie, 2008, **CGE**.

‡**Cymbalaria hepaticifolia** 124/11.3. *46, Cards.: garden steps and paths (not planted), Winllan, Trefilan, SN567574, I. W. Callan & A. O. Chater, 2008, **NMW**.

‡**Linaria aeruginea** (Gouan) Cav. 124/13.aer. *29, Cambs.: self-sowing on waste ground (now built over) at the junction of Union Lane and Scotland Road, Cambridge, TL462599, A. C. Leslie, 2003, det. E. J. Clement. Ø

‡**Hebe ×franciscana** (**H. elliptica** × **speciosa**) 124/17.ell×spe. 48, Merioneth: shrub on bank facing the sea at Llanaber, SH61, J. A. Webb, 1941. Missed in the *New Atlas*. It was severely damaged in the hard winters of 1946-7 and 1962-3 but each time eventually recovered. Still there and flourishing 2008, (*Fl. Pl. Wales*, p.133).

‡**Odontites jaubertianus** (Boreau) D. Dietr. ex Walp. subsp. **jaubertianus** 124/21.1jau. *19, N. Essex: calcareous grassland, Gosfield airfield, ex WW2, TL783315, D. Hulkes & K. J. Adams, 2006, **BM**. Patch several metres long. Ø

©**Nemesia strumosa** Benth. 124/NEM.str. *39, Staffs.: a few plants on a tip, High Carr, SJ837512, I. J. Hopkins, 2008. Ø

‡**Acanthus mollis** 127/1.1. *46, Cards.: roadside bank, Aberporth, SN256515, A. O. Chater & J. P. Poland, 2008. Self-sown from adjacent garden.

‡**Campanula portenschlagiana** 129/1.9. *52, Anglesey: sea wall, Beaumaris, SH6075, E. Phenna, 2008.

‡**Campanula garganica** Ten. 129/1.gar. *62, N. E. Yorks.: several plants self-sown on wall, 37 Crescent Avenue, Whitby, NZ895111, V. Jones & A. Ritson, 2008, det. V. Jones, conf. E. J. Clement, **herb. V. Jones**. Ø E. J. Clement says probably second British record.

‡**Pratia pedunculata** Benth. 129/8.ped. *62, N. E. Yorks.: scattered in mown grass outside Monks House, Ingleby Arncliffe, NZ446008, V. Jones, 2008, conf. W. A. Thompson, **herb. V. Jones**. Ø

‡**Galium spurium** 130/6.12. 41, Glam.: large quantity in 10×20m plot in game cover crop, arable, Dyffryn, ST097718, J. P. Woodman, 2006-07, conf. A. O. Chater. Rediscovery of taxon published as extinct in VCCC.

‡**Lycesteria formosa** 131/5.1. *©81, Berwicks.: one plant, self-seeded on wall top, Cockburnspath, NT773710, M. E. Braithwaite, 2009.

‡**Lonicera xylosteum** 131/6.4. 46, Cards.: mixed deciduous estate woodland, Old Warren Hill Wildlife Trust Reserve, Nanteos, SN612786, A. O. Chater, 2008, det. J. P. Poland. 1st record since before 1935.

‡**Valeriana pyrenaica** 133/2.2. *46, Cards.: marsh in sloping pasture, 400m E of Moelhedog, Rhydowen, SN450462, A. O. Chater, 2008, **NMW**.

©**Knautia macedonica** Griseb. 134/3.mac. *63, S. W. Yorks.: waste ground, disused mill site, Fairweather Green, Bradford, SE133334, B. A. Tregale & M. Wilcox, 2009, det. E. J. Clement. Ø

©**Sonchus tenerrimus** L. 135/21.ten. *18, S. Essex: housing estate shrubbery, Bancroft Chase, Rainham, TQ517867, R. A. Creber, 2008, conf. M. Spencer, **BM**. Several plants among *Hebe* species. Ø

‡**Taraxacum aequilobum** 135/25.106. *62, N. E. Yorks.: road verge E of Hilton, NZ475111, V. Jones, 2008, det. A. J. Richards, **herb. V. Jones**.

‡**Taraxacum exsertiforme** 135/25.134. *62, N. E. Yorks.: road verge E of Hilton, NZ475111, V. Jones, 2008, det. A. J. Richards, **herb. V. Jones**.

‡**Taraxacum interveniens** 135/25.144. *62, N. E. Yorks.: waste ground, Wilton Works, NZ577203, V. Jones, 2007, conf. A. J. Richards, **herb. V. Jones**.

‡**Taraxacum lacerifolium** 135/25.146. *62, N. E. Yorks.: road verge, Lamb's Lane, Ingleby Greenhow, NZ582055, V. Jones, 2007, conf. A. J. Richards, **herb. V. Jones**.

- ‡*Taraxacum pannulatum* 135/25.182. *62, N. E. Yorks.: grassland, industrial estate, Stokesley, NZ534078, V. Jones, 2007, det. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum pseudoretroflexum* 135/25.189. *62, N. E. Yorks.: waste ground, Co-op car park, Stokesley, NZ527087, V. Jones, 2007, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum coartatum* 135/25.coa. *62, N. E. Yorks.: grassland, industrial estate, Stokesley, NZ534078, V. Jones, 2008, det. A. J. Richards, **herb. V. Jones**.
- ‡*Pilosella praealta* subsp. *thaumasia* 135/27/4b. *62, N. E. Yorks.: locally common in waste ground between the railways, Potash Terminal, Teesport, NZ550235, V. Jones, 2008, **herb. V. Jones**.
- ‡*Hieracium spilophaeum* 135/28.74. *46, Cards.: disused railway cutting, Penyrangor, Aberystwyth, SN581808, A. O. Chater, 1993, **NMW**, det. D. J. McCosh. Correction of error, formerly named as *H. pollichiae*. Ø
- ‡*Solidago canadensis* 135/40.3. *81, Berwicks.: small colony at foot of village wall, Swinton, NT836475, M. E. Braithwaite, 2009.
- ‡*Erigeron glaucus* 135/43.1. *29, Cambs.: self-sown and naturalised around graves in Cambridge city cemetery, Newmarket Road, Cambridge, TL458600, J. D. Shanklin, 2008, **CGE**.
- ‡*Conyza canadensis* 135/44.1. **113(S)**, Channel Is. (Sark): edge of building site, Maison Rouge Art Gallery, WV462766, R. M. Veall, 2009, **herb. Société Sercquaise**. Present in Sark for several years. 1st localized record with voucher.
- ‡*Conyza sumatrensis* 135/44.2. *62, N. E. Yorks.: several self-sown on and at base of walls, each side of lane, Oswaldkirk, SE625790, V. Jones & M. J. Yates, 2008, det. V. Jones, conf. E. J. Clement, **herb. V. Jones**.
- ‡*Senecio inaequidens* 135/62.3. *©51, Flints.: garden weed, in crack between wall and tarmac, Trelogan, SJ118799, J. Phillips, 2008. *©52, Anglesey: beside buildings, Gallows Point, Beaumaris, SH598753, J. Bratton, 2008, conf. W. McCarthy, **herb. N. Brown**. *©57, Derbys.: waste ground by lorry park, Black Hole Mine, Eyam Edge, SK203774, J. & V. Middleton, 2008, det. K. Balkow. Looks well established on site.
- ‡*Calendula officinalis* 135/73.1. *©45, Pembs.: green waste in paving slabs, St. David's Recycling Centre, SM785267, S. B. & A. E. Evans, 2008. Among a host of casuals seeded into the crevices between the paving in a little used part of the green waste temporary storage area.
- ‡*Osteospermum jucundum* 135/OST.juc. *46, Cards.: well-naturalised in hedgebank around churchyard, Llandysiliogogo, SN363574, A. O. Chater, 2008, **NMW**.
- ‡*Aponogeton distachyos* 139/1.1. *©44, Carms: pond choked with this species (originally planted), Trip Farm, W of Meidrim, SN267215, L. Wilberforce, 2008.
- ‡*Lysichiton americanus* 147/2.1. *52, Anglesey: streamside, Talwrn, SH4978, I. R. Bonner, 2008. Spreading downstream from a pool in SH4878.
- ‡*Zantedeschia aethiopica* 147/4.1. *©57, Derbys.: flowering in emergent stream-fed pond in fields near Totley, SK309792, K. Balkow, 2007. Unlikely to have been planted due to poor access to site.
- ‡*Arum italicum* subsp. *italicum* 147/5.2b. *62, N. E. Yorks.: several patches established on waste ground, Low Kilburn, SE511797, V. Jones & W. A. Thompson, 2008. **113(S)**, Channel Is. (Sark): roadside bank at foot of wall, Clos de la Tour, WV467759, R. W. Waterman, 2008, **herb. Société Sercquaise**. 1st record for Sark. Unknown source; none seen in nearby garden. Recorded in 2009 by S. Synnott.
- ‡*Lemna minuta* 148/2.4. *81, Berwicks.: large colony in recently dug pond, Lithtillum Loch, NT803409, M. E. Braithwaite, 2009.
- ‡*Cyperus eragrostis* 152/11.2. 35, Mons.: one tufted fruiting plant at foot of roadside wall of 'Wind Rush', Bayfield, ST519933, T. G. Evans, 2008-09. 1st record since 1970.
- ‡*Melica altissima* L. 153/25.alt. *29, Cambs.: several plants on waste ground in front of old Unwins site, Impington Lane, Histon, TL443634, J. D. Shanklin, 2008, **CGE**. These plants were of the cultivar 'Atropurpurea'. Ø
- ‡*Polygogon viridis* 153/46.2. 41, Glam.: frequent weed in front gardens, Llandaff North, Cardiff, ST148793, T. C. G. Rich, 2006. 1st record as a neophyte. *49, Caerns.: wall base, Abergwynnregyn, SH6572, W. McCarthy, 2008.
- ‡*Bromopsis inermis* 153/51.4. 35, Mons.: large clump (present for at least 3 years), upside of bypass bridge over R. Monnow, Monmouth, SO506122, D. Green, 2007. 1st record as a neophyte.

- ©**Triticum aestivum** 153/60.1. *52, Anglesey: laneside, Llanfair PG, SH534725, P. Denne, 2008. Does not seem to have been formally recorded before.
- ©**Setaria adhaerens** 153/70.adh. *29, Cambs.: one plant at base of railings in front of 10 Fitzwilliam Street, Cambridge, TL4557, A. C. Leslie, 2008, **CGE**.
- ‡**Anemanthele lessoniana** (Steud.) Veldkamp 153/ANE.les. *©62, N. E. Yorks.: single self-sown plant in pavement crack, N side of Manor Close, Topcliffe, SE402760, V. Jones, W. A. Thompson & M. J. Yates, 2008. Ø
- ©**Secale cereale** 153/SEC.cer. *46, Cards.: new road verge, A486, 1.2 km SSE of Croes-lan, SN388433, A. O. Chater, 2008. 1st record as a casual although it has been grown as a crop in the past.
- ‡**Hyacinthus orientalis** 158/21.1. *46, Cards.: white-flowered plants established from throw-outs in rough grass on cliff top above sea, S end of Borth, SN605888, A. O. Chater, 2008.
- ‡**Allium subhirsutum** 158/24.5. *35, Mons.: a square metre patch on barish waste ground, E side South Dock, Newport, ST317841, T. G. Evans & S. J. Tyler, 2008. *63, S. W. Yorks.: wetland, Chellow Dean, Bradford, SE131339, B. A. Tregale & M. Wilcox, 2009.
- ‡**Allium carinatum** 158/24.12. *62, N. E. Yorks.: scattered clumps and individuals over 60m of N road verge just E of ford, Caydale Mill, SE543867, V. Jones, 2008.
- ‡**Tristagma uniflorum** 158/28.1. *©35, Mons.: several plants on minor roadside near hedge and Bowleaze Reen, ST377855, H. V. Colls, 2006-08.
- ‡**Camassia quamash** (Pursh) Greene, 158/CAM.qua. 113(S), Channel Is. (Sark): in damp ground among *Oenanthe crocata* in the upper part of Vallon d'Or, WV472756, S. Higgins, 2009, **herb. Société Sercquaise**. Seed or bulb washed down from garden at top of valley? 1st record for Sark and possibly v.c.113. Ø
- ‡**Sisyrinchium bermudiana** 159/2.1. *©39, Staffs.: ex coal mine spoil heap and tip, Chatterley Whitfield, SJ884252, C. Hayes, 2007.
- ‡**Sisyrinchium californicum** 159/2.3. *©63, S. W. Yorks.: pavement weed, Allerton Bullroyd, Bradford, SE133338, B. A. Tregale & M. Wilcox, 2009.
- ‡**Iris germanica** 159/5.1. *©52, Anglesey: old heap, Lleiniog marsh, SH619793, E. Phenna, 2008. *81, Berwicks.: ruderal in village, Horndean, NT897495, M. E. Braithwaite, 2009. Established from throw-out.
- ‡**Crocus vernus** 159/8.1. *©49, Caerns.: one plant with purple tepals on roadside verge, near Bethel, SH5165, W. McCarthy, 2008.
- ‡**Crocsmia paniculata** 159/13.1. *49, Caerns.: wet heath, Rhosgadfan, SH5056, W. McCarthy & J. Bratton, 2008.
- ‡**Cordyline australis** 160/3.1. *63, S. W. Yorks.: self-seeded seedlings below planted tree in Ashbourne Road, Bradford, SE164349, B. A. Tregale, 2009.