

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.

[] 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 2005. Records up to and including the year 2006 will be published in the next issue of *Watsonia*.

1/3.1. **Lycopodium clavatum** 110, Outer Hebrides: Lingara, South Harris, NG0585, R. J. Pankhurst, R. A. H. Smith & E. Pilling, 1997. 1st record since 1970.

4/1.2. **Equisetum ramosissimum** *35, Mons.: in rough grass, a brownfield site, NW of Spytty Pill, Newport, ST323874, R. P. Kilshaw, 2005, conf. T. G. Evans, A. C. Jermy, P. J. Acock & F. J. Rumsey. 1st Welsh record. Translocation is being considered.

4/1.3. **Equisetum variegatum** 106, E. Ross: forested dunes, Morrigh More, NH802833, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

4/1.4×8. **Equisetum ×dycei** (**E. fluviatile** × **E. palustre**) *93, N. Aberdeen: flush, Scad Hill, NJ428245, P. J. Acock, F. J. Rumsey & D. Welch, 2003, **herb. D. Welch**. Known in Scad Hill - Silverford flushes since c. 1980, but identity uncertain.

4/1.6. **Equisetum pratense** 110, Outer Hebrides: Rodel, Harris, NG041845, C. N. Page, 1972, **E.** 1st record since 1970.

4/1.6×7. **Equisetum ×mildeanum** (**E. pratense** × **E. sylvaticum**) *93, N. Aberdeen: flush in gorge, White Hill of Bogs, NJ438253, P. J. Acock, F. J. Rumsey & D. Welch, 2005, **herb. D. Welch**. *E. ×mildeanum* suspected in 2003, confirmed at same position in 2005.

6/1.1. **Osmunda regalis** 95, Moray: one plant in damp area under pine trees, Lossie Forest, NJ314658, I. P. Green, 2005. 1st record since 1955.

‡8/1.nip. **Pteris nipponica** Shich *29, Cambs.: a single naturalised plant near base of wall, Essex Building, Queens' College, Silver Street, Cambridge, TL446581, P. H. Oswald, 2000. Ø

11/1.1×2. **Polypodium ×mantoniae** (**P. vulgare** × **P. interjectum**) *110, Outer Hebrides: Abhainn Gheurasdail, South Harris, NG107969, P. A. Smith, 2005, conf. G. Hutchinson, **NMW**.

14/1.1. **Thelypteris palustris** @28, W. Norfolk: fen, Sculthorpe, TF902300, R. A. Yaxley, 2001. @28, W. Norfolk: fen, Sculthorpe, TF901297, R. A. Yaxley, 2001. @28, W. Norfolk: fen grassland, East Walton Common, TF734166, Norfolk Flora Group & R. W. Ellis, 2002.

14/3.1. **Oreopteris limbosperma** 32, Northants.: one plant only growing near patch of ling by old railway tunnel, Charwelton, SP533569, J. Atkinson, 2004, conf. I. A. Denholm, **herb. Gill Gent**. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

15/2.5b. **Asplenium trichomanes** subsp. **quadrivalens** *91, Kincardines.: roadside dyke, Banchory, NO693959, D. Welch, 2005, **herb. D. Welch**. Site long known but VCCC recorded only the species, not the subspecies.

15/2.7. **Asplenium ruta-muraria** 106, E. Ross: urban site, Muir of Ord, NH5250, M. J. Crawley, 1998. 1st record since 1970. Still present in Muir of Ord 2001.

16/5.1. **Cystopteris fragilis** ‡32, Northants.: wall, Brockhall, SP632626, B. J. Laney, 2005, conf. P. Stanley, **herb. Gill Gent**. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

17/1.1. **Polystichum setiferum** 104, N. Ebeudes (Skye): cliff base, S of Holm, NG519507, S. J. Bungard, 2004, conf. M. H. Rickard. 1st record for Skye. *‡110, Outer Hebrides: old woodland garden, Northbay, Barra, NF705036, R. J. Pankhurst, 2004, det. H. McHaffie, **E**.

17/1.2. **Polystichum aculeatum** 110, Outer Hebrides: ravine NE of Clett an Duin, Taransay, NB037003, E. Pilling, 1997, **E.** 1st record since 1970.

17/3.1. **Dryopteris oreades** *110, Outer Hebrides: ravine of Abhainn a'Mhuill, NB188130, R. J. Pankhurst, 1996, det. S. Lindsay, **E.** 1st confirmed record.

17/3.2×3. **Dryopteris ×complexa** (**D. filix-mas** × **D. affinis**) *8, S. Wilts.: woodland, Great Bedwyn, SU283626, Wiltshire Botanical Society, 2003.

17/3.2×3. **Dryopteris ×complexa** nothosubsp. **critica** (**D. filix-mas** × **D. affinis** subsp. **borreri**) *46, Cards.: wooded ravine, Llyfnant Valley, 300m SW of Cwmrhaidr, SN752960, T. D. Dines & A. O. Chater, 1997, det. K. Trewren, **NMW**.

17/3.3con. **Dryopteris affinis** morphotype **convexa** *44, Carms.: acid boundary bank, Glandy Farm, SN167287, BSBI meeting, 2005, det. A. O. Chater & S. J. Thomas. 1st record of morphotype.

17/3.3pal. **Dryopteris affinis** morphotype **paleaceo-lobata** *44, Carms.: hedgebank, Tireithin, Bancffosfelen, SN493127, BSBI meeting, 2003, det. A. O. Chater & S. J. Thomas. 1st record of morphotype.

‡20/7.mug. **Pinus mugo** 110, Outer Hebrides: Glen Coishletter, South Harris, NF998885, R. J. Pankhurst, 2002. 1st record since 1970.

‡20A/CRY.jap. **Cryptomeria japonica** *7, N. Wilts.: two seedlings progressing to saplings in woodland, Chisbury Wood, SU275655, J. E. Oliver, 2004.

‡21/1×2/1×noo. ×**Cupressocyparis leylandii** (**Cupressus macrocarpa** × **Chamaecyparis nootkatensis**) *110, Outer Hebrides: Scotasay, NG188972, R. J. & A. F. Pankhurst, 2005.

@28/3.3. **Helleborus orientalis** *7, N. Wilts.: established on dumped soil, Clatford, SU160688, J. E. Oliver, 2003.

‡28/3.arg. **Helleborus argutifolius** *©5, S. Somerset: self-sown at base of pavement, Witcombe, ST476214, P. R. Green, 2005.

‡28/12.4. **Clematis montana** *©29, Cambs.: one self sown plant in paving crack below Elizabeth Way bridge, Cambridge, TL461591, A. C. Leslie, 2005.

28/13.4. **Ranunculus sardous** 32, Northants.: field edge, SP663658, B. J. Laney, 2005, det. E. J. Clement. 1st record since 1970.

28/13.13×14. **Ranunculus ×levenensis (R. flammula × R. reptans)** *108, W. Sutherland: at 553m, Coir a' Ghallaich, Ben Hope, NC486505, G. P. Rothero, 2004, conf. R. J. Gornall.

28/13.23. **Ranunculus aquaticus** 106, E. Ross: farm pond near Rockfield, NH930838, B. R. & C. B. Ballinger, 2005. 1st record since 1970, confirming *Atlas* record for NH98, M. J. Crawley, 1995.

©29/1.7. **Berberis julianae** *7, N. Wilts.: roadside, Marlborough, SU192695, J. E. Oliver, 2004. Recent garden escape.

‡29/1.9. **Berberis darwinii** *7, N. Wilts.: five self-seeded young plants on stonework, Chippenham, ST920735, J. E. Oliver & M. Blake, 2003. *51, Flints.: on established coastal dunes away from houses, Talacre, SJ1285, J. Phillips, 2005.

‡30/1.3. **Papaver somniferum** *‡110, Outer Hebrides: Eoropie, NB519649, R. J. Pankhurst, 2005.

‡30/1.6. **Papaver hybridum** 32, Northants.: arable field edge, Spanhoe, SP945987, A. Wilson, 1999, det. R. J. Wilson. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995) and 1st record since Druce 1930.

‡31/3.1. **Pseudofumaria lutea** 106, E. Ross: wall, Rosemarkie, NH736577, B. R. & C. B. Ballinger, 2005. 1st record since 1970.

31/4.1. **Ceratocapnos claviculata** *32, Northants.: very well established in conifer plantation, Harlestone Firs, SP718640, K. Taylor, 1996, conf. G. M. Gent, **herb. Gill Gent**.

31/5.1. **Fumaria capreolata** 50, Denbs.: footpath, Colwyn Bay, SH875787, J. A. Green, 2005. 1st record since 1960.

‡31/5.10. **Fumaria vaillantii** @28, W. Norfolk: urban area, Dereham, TF999131, D. & B. Mathias, 2004.

‡32/1.occ×ori. **Platanus ×hispanica (P. occidentalis × P. orientalis)** *50, Denbs.: streamside, Alyn Waters County Park, Wrexham, SJ319549, BSBI group, 2005, NMW.

‡36/1.1b. **Urtica dioica** subsp. **galeopsifolia** *44, Carms.: rubbish tip, old quarry north of Beacon Bog, SN31N, C. Cheffings, M. Godfrey & A. R. Vickery, 2005. 1st Welsh record for subspecies

40/1.2b. **Betula pubescens** subsp. **tortuosa** *110, Outer Hebrides: Molinginish, NB2200, J. W. Heslop Harrison, 1956. Heslop Harrison *et al* in *Proc. Unic. Durh. Phil. Soc.* 12: 141-149 (1956).

40/1.3. **Betula nana** *86, Stirlings.: Craigend Muir, Strathblane, NS581774, J. Mitchell & D. C. Shenton, 2002, E.

‡40/1.uti×1. **Betula utilis × B. pendula** *29, Cambs.: one self sown tree, apparently of this parentage, on a grave at the southern end of Mill Road cemetery, Cambridge, TL461561, A. C. Leslie, 2001, CGE. First seen in 2001 when 6ft tall. Still there (2005) and now 15ft tall. Ø Apparently 1st record for the British Isles.

‡40/2.1×2. **Alnus ×hybrida (A. glutinosa × A. incana)** *44, Carms.: self sown, with both parents in vicinity, amongst shrub plantings, Wildfowl & Wetlands Trust Centre, Penclacwydd, Llanelli, SS533986, Llanelli Naturalists, 1999, det. I. K. Morgan. *©57, Derbyshire: amenity tree planting, near Grin Low car park, SK049719, A. Willmot & J. Bland, 2004. Probably planted, and with both parents which were planted.

‡40/2.3. **Alnus cordata** *7, N. Wilts.: seedlings and 3 saplings on canalside, Swindon, SU135836, J. E. Oliver, 2004.

‡40/2.rub. **Alnus rubra** *42, Brecks.: Glasfynydd Plantation, SN82, R. G. Woods, 2004.

‡43/1.12. **Chenopodium murale** ©46, Cards.: several plants on waste ground, Ynys-las boatbuilding yard, SN616932, A. O. Chater, 2005, NMW. 1st record since 1932.

©43/1.gig. **Chenopodium giganteum** *29, Cambs.: one plant on a low ridge of waste soil, Jeavons Lane, Cambridge, TL320588, N. P. Millar, 2005, CGE.

43/3.3×4. **Atriplex ×taschereaui (A. glabriuscula × A. longipes)** *95, Moray: several plants in saltmarsh on the edge of Lossie Forest, Lossiemouth, NJ253689, I. P. Green, 2005.

- 43/3.6. **Atriplex litoralis** *©32, Northants.: one plant only on wall, Oundle, TL035880, F. H. Perring, 2001, **herb. Gill Gent.**
- 43/6.2. **Salicornia ramosissima** 110, Outer Hebrides: north of Lochboisdale, NF7819, E. Pilling, 2000, det. R. J. Pankhurst, E. 1st record since 1970.
- 43/6.6. **Salicornia fragilis** *106, E. Ross: intertidal zone of muddy shore, Inver, NH860825, B. R. & C. B. Ballinger, 2005, det. I. K. Ferguson.
- ‡44/1.1×4. **Amaranthus retroflexus** × **A. bouchonii** *29, Cambs.: several plants scattered amongst numerous plants of both parents in beet field, Cross Drove, Littleport, TL584868, A. C. Leslie, 2005, **CGE. Ø**
- 45/3.1. **Montia fontana** 32, Northants.: recently cleared area of relict heathland, Harlestone Firs, SP719639, B. J. Laney, 2004, conf. P. Stanley, **herb. Gill Gent.** Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).
- 45/3.1a. **Montia fontana** subsp. **fontana** 110, Outer Hebrides: Cliuthar, South Harris, NG19K, R. J. Pankhurst & P. A. Smith, 2004. 1st record since 1970.
- 45/3.1b. **Montia fontana** subsp. **variabilis** 110, Outer Hebrides: wet peaty pool near sea, Husinis, NA91W, R. J. Pankhurst & P. A. Smith, 2004, det. A. O. Chater. 1st record since 1970.
- 46/1.2. **Arenaria norvegica** *106, E. Ross: rock outcrop, Breabag Tharsuinn, NC302190, G.P. Rothero, 1998. Still present 2005.
- 46/17.3. **Spergularia marina** *‡32, Northants.: three of four large patches on road verge, Wellingborough, SP870666, S. L. M. Karley, 2004, **herb. S.L.M. Karley.**
- ‡46/20.7. **Silene armeria** *©29, Cambs.: one plant on disturbed ground, south of the new Cutter Ferry Bridge, Midsummer Common, Cambridge, TL459590, A. C. Leslie, 2005.
- 46/20.10. **Silene dioica** 110, Outer Hebrides: Northbay area, Barra, NF70, D. Dupree, L. Gaskell, C. Velander, G. Orledge, 1998. 1st record since 1970.
- ‡46/20.11. **Silene gallica** ©28, W. Norfolk: arable field edge, Snettisham, TF667335, N. Harris, 2001.
- ‡46/25.6. **Dianthus barbatus** *42, Brecks.: waste ground, Bwlch, SO146223, W. J. H. Price & M. Porter, 2005.
- ‡46/GYP.mur. **Gypsophila muralis** *70, Cumberland: dumped earth in field, Glasson Moss, NY240610, F. J. Roberts, 2005, det. G. Halliday, **LANC.**
- 47/1.12. **Persicaria lapathifolia** 110, Outer Hebrides: Loch an Duin, NB189408, N. F. Stewart & J. J. Day, 1995. 1st record since 1970.
- 47/1.16. **Persicaria minor** *86, Stirlings.: Shore of Loch Lomond, between Balmaha and Endrick Mouth, NS4290, A. J. Silverside, 1978.
- ‡47/3.1. **Fagopyrum esculentum** *©42, Brecks.: road verge, 1km E of Bronllys, SO149355, M. & C. Porter, 2005. 50, Denbs.: bare ground, Gresford, SJ346536, B. Formstone, 2005. 1st record since 1930.
- 47/4.5. **Polygonum boreale** *106, E. Ross: coast, Munloch, NH640525, J. K. Butler, 1992.
- 47/8.8×13. **Rumex** × **propinquus** (**R. longifolius** × **R. crispus**) *108, W. Sutherland: sea cliff, Oldshore, NC1959, P. Merler, 1948, det. J. E. Lousley, **E. Ex. herb. Nat. Con. Council.**
- 47/8.13×19. **Rumex** × **pratensis** (**R. crispus** × **R. obtusifolius**) *108, W. Sutherland: Inchnadamph, NC250215, I. P. Green, 2005. Also found by I. P. Green at Achmelvich and Durness.
- 47/8.14×15. **Rumex** × **ruhmeri** (**R. conglomeratus** × **R. sanguineus**) *44, Carms.: growing with both parents in disturbed dunes in vicinity of new pond near the inland control tower, RAF. Pembrey Sands, Tywyn Burrows, SN375049, BSBI meeting, 2005, det. A. O. Chater & H. J. Killick.
- 48/2.1. **Armeria maritima** ‡29, Cambs.: four plants scattered along the east side of the central reservation of the M11, north-west of Whittlesford, TL457486 - 457488, P. H. Oswald, 2005. 1st record since 1930 when it was seen along the tidal R. Nene at Foul Anchor.
- 51/1.3. **Hypericum androsaemum** *91, Kincardines.: wooded roadside, Strachan, NO685932, D. Welch, 2005.
- ‡51/1.for. **Hypericum forrestii** *70, Cumberland: lakeshore gravel bank, Derwentwater, SE side, NY266202, F. J. Roberts, 2005, **LANC.**
- ‡53/1.2. **Malva alcea** *©44, Carms.: three plants, Shidenyn farmyard and road verge between Felin Newydd and Penygaer Farm, SN352231, C. Cheffings, M. Godfrey & A. R. Vickery, 2005.

53/2.olb×thu. *Lavatera* × *clementii* (*L. olbia* × *L. thuringiaca*) *51, Flints.: established garden throw-out on waste ground, Mold, SJ238644, J. Phillips, 1997.

©53/4.1. *Alcea rosea* *49, Caerns.: one plant in concrete sea-wall, near Little Orme, Penrhyn Bay, SH8281, W. McCarthy, 2005.

57/1.1. *Viola odorata* ‡106, E. Ross: damp woodland, outside wall of Contin churchyard, NH455557, B. R. & C. B. Ballinger, 2005. 1st record since 1970.

57/1.4×5. *Viola* × *bavarica* (*V. riviniana* × *V. reichenbachiana*) *32, Northants.: many plants, well established on woodland bank, Wild Wood, Silverstone, SP672430, C. Christie, 2001, **herb. Gill Gent.**

57/1.4×6. *Viola* × *intersita* (*V. riviniana* × *V. canina*) *93, N. Aberdeen: grassland on fixed dunes, Sands of Forvie, NK019265, I. P. Green & D. Welch, 2005, **ABD.**

‡57/1.12×13. *Viola* × *contempta* (*V. tricolor* × *V. arvensis*) *80, Roxburghs.: with both parents in barley stubble field, south-east of Clarilaw, Hawick, NT530180, M. E. Braithwaite, 2005, **herb. R.W.M.C.**

†57/1/13. *Viola arvensis* 104, N. Ebudes (Raasay): disturbed soil, West Suisnish, NG553355, S. J. Bungard, 2004. 1st record since 1970.

61/2.11×15. *Salix* × *laurina* (*S. cinerea* × *S. phylicifolia*) *93, N. Aberdeen: sea cliff, Whinnyfold, NK083335, D. Welch, 2003, det. R. D. Meikle, **herb. D. Welch.**

61/2.11×16. *Salix* × *subsericea* (*S. cinerea* × *S. repens*) *91, Kincardines.: wooded roadside, Lochton, Banchory, NO708973, D. Welch, 2005, det. R. D. Meikle, **herb. D. Welch.**

61/2.12×15. *Salix* × *ludificans* (*S. aurita* × *S. phylicifolia*) 69, Westmorland: edge of Skelsmergh Tarn, SD533966, N. F. Stewart & J. Lambert, 2005, det. R. D. Meikle, **LANC.** 1st record since 1970.

62/10.2. *Matthiola sinuata* *44, Carms.: one plant (in flower) on yellow dunes, Ginst Point, Laugharne, c.SN3208, J. & C. Rees, 2005.

62/12.3. *Rorippa islandica* *‡48, Merioneth: occasional to locally frequent on rough ground beside river and concrete footpath all way down to footbridge, on E bank of Afon Glaslyn below Ynys-Ileian, Beddgelert, SH54, S. P. Chambers, 2005, conf. A. O. Chater. 1st record in N. Wales. P. M. Benoit describes *R. islandica* as a classic example of a neophyte - a spreading weed of artificial habitats, suddenly appearing where it has never been before.

‡62/14.qui. *Cardamine quinquefolia* (Bieb.) Schmalh. *35, Mons.: one small clump on bank of R. Usk, Abergavenny, SO292139, J. S. Rees, 2005, det. T. G. Evans. Ø Apparently 1st record for British Isles.

62/15.2. *Arabis glabra* @28, W. Norfolk: forest ride, Foulden, TF783004, J. E. Gaffney, 2002.

62/21.4. *Draba muralis* *©32, Northants.: a few scattered plants on railway bank near Great Oxenden, SP737828, B. J. Laney, 2005, conf. E. J. Clement, **herb. Gill Gent.**

‡62/25.2. *Capsella rubella* 23, Oxon: towpath of Oxford Canal, SP5006, J. Edgington, 2005, **OXF.** 1st record since 1962.

62/27.1. *Teesdalia nudicaulis* 91, Kincardines.: dry grassland close-grazed by rabbits, Crathes, NO747962, D. Welch, 2005. 1st record since 1970. 106, E. Ross: shingle by river, Dunglass Island, NH535547, Inverness Botany Group, 2001. 1st record since 1970.

62/30.6. *Lepidium latifolium* @28, W. Norfolk: roadside, Dereham, TF997123, D. & B. Mathias, 2001.

†62/35.2. *Sinapis alba* 69, Westmorland: upland kale field, north side of Ninezergh Lane, Levens, SD495849, J. H. Clarke, 2005, **LANC.** 1st record since 1970.

62/41.1. *Crambe maritima* *93, N. Aberdeen: rocky shore, Peterhead, NK125455, M. Innes, 2005, conf. D. Welch. Very probably a recent colonisation - small plants first noticed 2003.

©62/CAL.irr. *Calepina irregularis* Thell. *29, Cambs.: several plants growing on discarded rootballs of trees on waste ground, Cambourne, TL313599, N. P. Millar, 2005, det. A. C. Leslie, **CGE.** Ø

‡65/2.2. *Rhododendron luteum* *80, Roxburghs.: pine woodland, The Moor, Monteviot, NT639260, J. Mercer, 2000, det. D. McKean, **E, herb. R.W.M.C.** Naturalised in quantity with *R. ponticum*.

65/13.2. *Vaccinium microcarpum* @106, E. Ross: damp meadow near Alladale Lodge, NH440894, C. Sandom, B. R. & C. B. Ballinger, 2005.

69/1.3. **Primula veris** 106, E. Ross: riverside grassland, Brahan, NH509539, S. Cohen, 1999. 1st record since 1970. Seen in 2005 in NH66.

‡70/1.2. **Pittosporum tenuifolium** *49, Caerns.: established in wood above track to Menai Strait, Bangor, SH5873, S. P. Chambers, 2005.

‡71/HYD.mac. **Hydrangea macrophylla** *©44, Carms.: one plant in fly-tipped rubbish on vacant ground, WDA development site, Delta Lake, Machynys, SS508986, G. Hutchinson, I. K. Morgan & R. D. Pryce, 2004.

72/2.6. **Ribes alpinum** ‡29, Cambs.: one large shrub on an old earth tip beside field hedge, Oakington Road, Cottenham, TL431661, J. L. Sharman, 2004. 1st record since C19.

73/1.1. **Crassula tillaea** @28, W. Norfolk: roadside, Hoe, TF988162, K. A. & G. Beckett, 2001.

‡73/5.3. **Sedum confusum** *5, S. Somerset: small patch at base of wooded slope on margin of wood, Dunster, SS989433, P. R. Green, 2005.

©74/1.1×chi×ros. **Astilbe ×arensii** (A. **japonica** × A. **chinensis** × A. **rosea**) *44, Carms.: several flowering plants in disused silica quarry, Mynydd-y-Garreg, Kidwelly, SN435085, V. & A. Lewis, 2005.

74/9.1. **Chrysosplenium oppositifolium** 110, Outer Hebrides: Stornoway Castle, NB43, R. J. Pankhurst & W. A. J. Cunningham, 1997. 1st record since 1970.

‡75/3.2×3. **Spiraea ×billardii** (S. **alba** × S. **douglasii**) *42, Brecks.: bank of R. Wye, Bultih Wells, SO035513, M. & C. Porter, 2005.

‡75/6.3. **Filipendula camtschatica** *106, E. Ross: roadside, A835, Monadh More, NH582523, J. O. Mountfield, 2003. Still present 2005.

‡75/8.2. **Rubus tricolor** *42, Brecks.: beside track in open woodland, 1.5km SW Penderyn, SN935072, M. & C. Porter, 2005.

75/8.32. **Rubus vigorosus** *44, Carms.: edge of *Molinia* dominated grassland, Penygraig Goch, near Myddfai, SN743225, BSBI meeting, 2005, det. M. Porter. Occasional at this farm

75/8.60. **Rubus lindleianus** *91, Kincardines.: roadside, Cammachmore, NO901948, D. Welch, 2004, det. A. Newton, **herb. D. Welch**.

75/8.81. **Rubus sciocharis** *93, N. Aberdeen: abandoned railway, Maud, NJ930481, D. Welch, 2004, **herb. D. Welch**.

75/8.112. **Rubus nemoralis** *91, Kincardines.: roadside, St Cyrus, NO742649, D. Welch, 2004, conf. A. Newton, **herb. D. Welch**.

75/8.254. **Rubus rufescens** *86, Stirlings.: wood margin, Island of Clarinsh, Loch Lomond NNR, NS4189, A. McG. Stirling, 1980, det. A. Newton, **E**.

‡75/9.7. **Potentilla recta** *44, Carms.: one plant at base of hedge, Ty'r-waun, Pwll, Llanelli, SN470013, I. K. Morgan, 2005. *46, Carms.: streambank by level crossing, Llanbadarn Fawr, SN599807, A. O. Chater, 2005, **NMW**.

75/9.16. **Potentilla sterilis** 106, E. Ross: woodland, River Alness, NH644714, P. Wortham, 1998. 1st record since 1970. Still present 2005.

‡75/13.3. **Geum macrophyllum** *©5, S. Somerset: garden weed, not originally planted, Wellington, ST140200, S. J. Parker, 2005. May have come in with birdseed.

75/15.1. **Agrimonia eupatoria** 106, E. Ross: coast, Shandwick, NH856738, H. McHaffie, B. R. & C. B. Ballinger, 2005. 1st record since 1970. Also recorded for *Atlas* by BSBI group in NH98 in 1999.

75/19.12. **Alchemilla glomerulans** *70, Cumberland: herb-rich meadow at 400 m, Garrigill, NY762385, F. J. Roberts, 2005. @106, E. Ross: cliff, Loch Luchd Coire, Seanna Braigh, NH283878, V. Halcrow, 2004. @106, E. Ross: cliff, Coire Lochain, Ben Wyvis, NH767708, B. R. & C. B. Ballinger, 2005, **herb. B.B.**

75/21.4×16. **Rosa arvensis** × **R. sherardii** *50, Denbs.: hedge, small lane, St George, Abergele, SH967757, M. Stead, 2005, det. R. Maskew, **NMW**.

75/21.13b×16. **Rosa caesia** subsp. **vosagiaca** (female) × **R. sherardii** (male) *110, Outer Hebrides: top of low sea cliff, Glendale, NF792146, R. J. Pankhurst, 2003, det. R. Maskew, **E**. 1st record with subsp. of *R. caesia* identified.

‡75/21.bru. **Rosa brunonii** Lindl. *29, Cambs.: at least four large plants, some climbing 30-40 ft into trees and shrubs, southern end of Coe Fen, Cambridge, TL450571, A. C. Leslie, 2005, **CGE**. Ø Apparently 1st record for British Isles.

75/22.4×5. *Prunus* ×*fruticans* (*P. spinosa* × *P. domestica*) *48, Merioneth: by track on edge of sand dunes, near Coleg Harlech, SH53, N. E. & R. Sherlock, 1998, conf. K. W. Page.

75/27.1. *Malus sylvestris* *106, E. Ross: Aultgowrie, NH45, L. Garrard, G. Hogg, S. Hogg, T. C. G. Rich, 1987. Also at east end Loch Achilty, NH43795691, 2004.

‡75/28.7. *Sorbus intermedia* s.s. *110, Outer Hebrides: Stornoway Castle, NB43, R. J. Pankhurst & W. A. J. Cunningham, 1997. 1st record since 1970.

‡75/28.hup. *Sorbus hupehensis* *95, Moray: five self-sown trees on edge of Balnacoul Wood, Mosstodloch, NJ322600, I. P. Green, 2005, det. E. J. Clement.

‡75/31.1. *Photinia davidiana* *95, Moray: twenty-four self-sown bushes in Balnacoul Wood, Mosstodloch, NJ3259, I. P. Green, 2005.

‡75/32.10. *Cotoneaster salicifolius* *7, N. Wilts.: bird-sown on wall-top, Marlborough, SU186689, J. E. Oliver, 2003.

‡75/32.16. *Cotoneaster integrifolius* *7, N. Wilts.: bird-sown on stonework, Coate Water, Swindon, SU177826, J. E. Oliver, 2003. 1st record since 1970. *91, Kincardines.: dyke by stream, Maryculter, NJ894009, D. Welch, 2005.

‡75/32.17. *Cotoneaster linearifolius* *7, N. Wilts.: bird-sown seedling on stonework, Coate Water, Swindon, SU177826, J. E. Oliver, 2003. Parents cultivated nearby.

[‡75/32.25. *Cotoneaster nanshan* *77, Lanarks.: error in VCCC. No known record. Delete.]

‡75/32.34. *Cotoneaster bullatus* *91, Kincardines.: riverside woodland, Banchory, NO710957, D. Welch, 2005. Self-seeded from nearby landscaping.

‡75/32.40. *Cotoneaster sternianus* *50, Denbs.: quarry, Llandulas, SH912777, W. McCarthy, 2003.

[‡75/32.ind. *Cotoneaster induratus* *77, Lanarks.: error in VCCC. No known record. Delete.]

[‡75/32.lid. *Cotoneaster lidjiangensis* *77, Lanarks.: error in VCCC. No known record. Delete.]

‡77/3.1×ori. *Colutea* ×*media* (*C. arborescens* × *C. orientalis*) *5, S. Somerset: flowering, at edge of car park, Porlock Weir, SS864478, C. J. Giddens, 2005.

77/10.3. *Ornithopus perpusillus* *106, E. Ross: by forest track, West Kinkardine Hill, NH588872, B. R. & C. B. Ballinger, 2005. 1st record since 1970.

77/14.13. *Vicia lutea* *91, Kincardines.: embankment of abandoned railway, St Cyrus, NO737635, B. Hogarth, 2005. 1st record since 1970.

©77/14.fab. *Vicia faba* *7, N. Wilts.: spoil, Bradford-on-Avon, ST823632, J. Presland, 2003. *49, Caerns.: disturbed ground near new superstore, Porthmadog, SH5638, Caerns. Recording Group, 2005.

‡77/15.9. *Lathyrus latifolius* *106, E. Ross: dune by sea, Shandwick, NH859750, B. R. & C. B. Ballinger, 2004. Confirms M. J. Crawley *Atlas* record for NH87 in 1999.

77/16.3. *Ononis spinosa* *‡44, Caerns.: sparsely vegetated opencast spoil, Ffos-las former opencast site, Trimsaran, SN453062, I. K. Morgan, 1999. ?Introduced in seed mix.

77/16.4. *Ononis repens* *106, E. Ross: urban site, Muir of Ord, NH5348, P. Wortham, 1995. 1st record since 1970. Still present, Muir of Ord station, 2005.

77/18.3. *Medicago minima* *29, Cambs.: many fine plants on a dry, open, SW facing bank above pond, Cambridge Science Park, Milton, TL464617, A. C. Leslie, 2005, CGE.

77/19.8. *Trifolium fragiferum* *50, Denbs.: grassland, Pentre Mawr Parc, Abergele, SH943786, J. A. Green, 2005. 1st record since 1970.

‡77/21.1×2. *Lupinus* ×*regalis* (*L. arboreus* × *L. polyphyllus*) *106, E. Ross: by shore, Barbaraville, NH749721, B. R. & C. B. Ballinger, 2005. Garden escape. Confirms M. J. Crawley *Atlas* record for NH77 in 1999.

77/25.4. *Genista anglica* *106, E. Ross: Hillockhead, NH747603, Inverness Botany Group, 1997. 1st record since 1970. Still present 2005.

‡77/25.ten. *Genista tenera* (Jacq.) Kuntze *17, Surrey: one large shrub and several smaller ones self-seeded from nearby gardens, Turf Hill, Bagshot, SU932617, G. Hounsome, 2005, det. E. J. Clement. Ø

77/26.3. *Ulex minor* *32, Northants.: recently cleared area of relict heathland, Harlestone Firs, SP718639, G. M. Gent, 1999. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

‡77/PHA.vul. *Phaseolus vulgaris* *42, Breccs.: canal verge, Brecon, SO047282, A. & V. Lewis, 2005.

©77/PIS.sat. **Pisum sativum** *49, Caerns.: disturbed ground near new superstore, Porthmadog, SH5638, Caerns. Recording Group, 2005.

‡78/1.1. **Hippophae rhamnoides** 110, Outer Hebrides: Berneray, NF909813, R. J. & A. F. Pankhurst, 2004. 1st record since 1970.

‡81/1.2. **Lythrum hyssopifolium** ©29, Cambs.: in gravel scrape by Elney Lake, Fen Drayton gravel pits, TL336693, S. Brown, 2005, det. N. P. Millar. Considered native in v.c.29.

81/1.3. **Lythrum portula** 32, Northants.: recently cleared area of relict heathland, Harlestone Firs, SP718689, G. M. Gent, 2005, **herb. Gill Gent**. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

81/1.3b. **Lythrum portula** subsp. **longidentatum** *110, Outer Hebrides: ditches west side of North Uist, NF76, W. A. Shoolbred, 1898, NMW, det. D. E. Allen (as var. *longidentata*), in Allen *Watsonia* 3: 85-91 (1954).

‡83/2.gun. **Eucalyptus gunnii** *5, S. Somerset: self-sown on side of passageway as street weed, Wellington, ST135195, S. J. Parker, 2005.

84/1.2. **Epilobium parviflorum** 106, E. Ross: dunes, lochan south-east of control tower, Morrish More, NH8482, BSBI group, 1999. 1st record since 1970.

[84/1.2×6. **Epilobium** ×**dacicum** (**E. parviflorum** × **E. obscurum**) *52, Anglesey: damp ground by track, Ty Mawr, Paradvys, SH416708, I. R. Bonner, 2004, **herb. I.R.B.** In *Watsonia* 26: 82 (2006). Delete - plant re-determined as *Epilobium* ×*floridulum* (*E. parviflorum* × *E. ciliatum*) by G. D. Kitchener.]

84/1.2×7. **Epilobium** ×**persanicum** (**E. parviflorum** × **E. roseum**) *29, Cambs.: several plants with both parents at edge of pavement bordering the Cherry Hinton Brook, Burnside, Cambridge, TL475574, A. C. Leslie & C. D. Preston, 2005, **CGE**.

84/1.2×8. **Epilobium** ×**floridulum** (**E. parviflorum** × **E. ciliatum**) *44, Carms.: working limestone quarry, Cilyrychen Quarry, Llandybie, SN616166, A. O. Chater, K. A. Cottingham & R. D. Pryce, 2001, det. A. O. Chater. *52, Anglesey: damp ground by track, Ty Mawr, Paradvys, SH416708, I. R. Bonner, 2004, **herb. I.R.B.** det. G. D. Kitchener. Originally determined as *Epilobium* ×*dacicum* (*E. parviflorum* × *E. obscurum*).

84/1.3×6. **Epilobium** ×**aggregatum** (**E. montanum** × **E. obscurum**) *44, Carms.: one plant at woodland edge, Penygraig Goch, near Myddfai, SN743225, BSBI meeting, 2005, det. A. O. Chater.

84/1.7. **Epilobium roseum** *50, Denbs.: roadside, Pwllglas, SJ126554, J. A. Green, 2005.

84/1.7×8. **Epilobium** ×**nutantiflorum** (**E. roseum** × **E. ciliatum**) *29, Cambs.: one plant with both parents at edge of pavement bordering the Cherry Hinton Brook, Burnside, Cambridge, TL475574, A. C. Leslie & C. D. Preston, 2005, **CGE**.

‡84/1.8. **Epilobium ciliatum** 104, N. Ebudes (Raasay): waste ground, Clachan, NG549364, S. J. Bungard, 2002, det. T. D. Pennington. 1st record for Raasay. Also known as garden weed, West Suisnish.

84/1.8×9. **Epilobium** ×**fossicola** (**E. ciliatum** × **E. palustre**) *44, Carms.: rushy area in field, Cwrtbrynybeirdd, near Trapp, SN665178, BSBI meeting, 2005, det. A. O. Chater.

‡84/5.1. **Fuchsia magellanica** *70, Cumberland: two bushes on bank of R. Cocker, Cockermouth, NY122306, D. Broughton, 2005.

‡85/1.3. **Cornus alba** *42, Brecks.: roadside scrub, Bronllys, SO151345, A. & V. Lewis, 2005.

85/1.5. **Cornus suecica** *70, Cumberland: 10 - 15 sterile shoots on ledge in gully at 800m on Great End, NY227085, S. Webb, 2005, **LANC**.

‡91/2.3. **Euphorbia corallioides** *29, Cambs.: numerous plants naturalised both on and beside grass track along field margin at the western end of village, Barton, TL402560, A. C. Leslie, 2005, **CGE**.

‡91/2.obl. **Euphorbia oblongata** *7, N. Wilts.: urban structures, Malmesbury, ST936871, J. E. Oliver & J. Wall, 2004. Declining here. Known for several years.

94/2.1. **Radiola linoides** 91, Kincardines.: wet floor of abandoned quarry, Maryculter, NO880993, D. Welch, 2005. 1st record since 1970.

95/1.1. **Polygala vulgaris** 106, E. Ross: coast, Shandwick, NH856738, C. Dixon, J. W. McIntosh, G. P. Rothero, 1998. 1st record since 1970. Still present 2005.

‡99/1.mac. **Acer macrophyllum** *8, S. Wilts.: numbers of seedlings from two planted trees, Rushmore Estate, ST958194, J. E. Oliver, 2003.

‡100/1.1. **Rhus typhina** 47, Monts.: one young stem coming up through soil-mound, farm sales outlet S of Welshpool, SJ222056, S. P. Chambers, 2005.

©101/1.1. **Ailanthus altissima** *7, N. Wilts.: seedlings on riverside and roadside, Chippenham, ST920735, M. Waters, 2003.

‡102/1.8. **Oxalis articulata** 50, Denbs.: garden escape, St George, SH973758, J. A. Green, 2005.

‡102/1.14. **Oxalis incarnata** *49, Caerns.: woodland edge, Marl Woods, SH8078, NWWT group, 2005.

‡103/1.8. **Geranium himalayense** *5, S. Somerset: single clump on edge of track to garages, Taunton, ST235245, S. J. Leach, 2003.

103/1.9. **Geranium sanguineum** ©7, N. Wilts.: roadside, Kingsdown, ST817671, J. Presland, 2003. 1st record since 1970.

‡103/1.13×pla. **Geranium** ×**magnificum** (**G. ibericum** × **G. platypetalum**) 106, E. Ross: by track, Strathgarve Lodge. NH404612, M. Dean, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

©103/2.tri. **Erodium triflorum** Cav. *29, Cambs.: two plants self sown at base of fence in front of 320 Coldham's Lane (and several more at base of hedge in front of number 314), Cambridge, TL474580, A. C. Leslie, 2005. Naturalised. Ø

©104/1.maj. **Tropaeolum majus** *‡110, Outer Hebrides: by shore, Brevig, Barra, NL694985, R. J. Pankhurst, 2004.

‡106/1.1. **Hedera colchica** *42, Brecks.: road bank, 2km S of Llangattock, SO204166, S. P. Chambers, 2005.

‡107/1.ran. **Hydrocotyle ranunculoides** *29, Cambs.: Soham Lode, first seen 2003 and by 2004 was dominating the mill pond and extending downstream to railway line, Soham, TL589730 - 585730, R. Torrens, 2003. *32, Northants.: very well established in large pond, Higham Ferrers A45 Road, SP950687, Environment Agency, 2003, **herb. Gill Gent.** *49, Caerns.: organic farm pond and surrounding land, Llangybi, SH4340, D. Thorpe, 2005.

107/5.3. **Chaerophyllum temulum** 106, E. Ross: roadside, west end of Loch Achilty, NH435571, J. Muscott, 1996. 1st record since 1970. Still present here 2005.

107/15.1. **Sium latifolium** ®28, W. Norfolk: dike by pasture, West Harling, TL967853, Norfolk Flora Group & R. W. Ellis, 2002.

107/19.5. **Oenanthe crocata** 32, Northants.: well established and spreading on shaded river bank, Bluebell Walk, Peterborough, TL1999, D. Broughton, 2005, conf. B. Partridge. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

107/20.1. **Aethusa cynapium** ‡106, E. Ross: by track near shore, Tain, NH785824, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

107/31.1. **Cicuta virosa** ®28, W. Norfolk: waterside, Cockley Cley, TF787037, J. E. Gaffney, 2004.

107/39.2. **Peucedanum palustre** ®28, W. Norfolk: pool in pasture, Oxburgh Hythe, TF732000, Norfolk Flora Group & K. A. & G. Beckett, 2004.

107/40.1. **Pastinaca sativa** ‡106, E. Ross: waste ground by shore, Inver, NH864828, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

107/44.1a. **Daucus carota** subsp. **carota** 110, Outer Hebrides: Uig sands, NB050328, 1971. 1st record since 1970.

108/3.3. **Centaureum littorale** 106, E. Ross: widespread on short turf at top side of saltmarsh, Morrish More, NH846842, S. Smyth, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

©111/IPO.pur. **Ipomoea purpurea** *5, S. Somerset: single self-sown plant in pavement crack, Dunster, SS989435, P. R. Green, 2005.

‡113/2.1. **Nymphoides peltata** *91, Kincardines.: fishery pool created c. 1998, Raemoir, Banchory, NO696977, D. Welch, 2005.

114/1.1. **Polemonium caeruleum** *‡110, Outer Hebrides: rough ground near football pitch, Stornoway, NB432334, E. Pratt, 1999.

‡116/4.2. **Symphytum asperum** *95, Moray: one plant growing on bank of the River Spey, under road bridge of the A941, Craigellachie, NJ286452, I. P. Green, 2005.

116/4.3. **Symphytum tuberosum** *‡110, Outer Hebrides: waste ground by sports centre, Coll, NB463386, R. J. Pankhurst, 2003, **E**. Previously reported from Scarastavore, South Harris by Heslop Harrison *et al.* in *Journal of Botany* 79:164-169 (1941), but without a voucher. This is the first confirmed record.

‡116/10.1. **Trachystemon orientalis** *69, Westmorland: copse by road junction, Slackhead, Beetham, SD493787, J. H. Clarke, 2005.

116/15.9. **Myosotis ramosissima** 106, E. Ross: coast, North Sutor, Nigg, NH806688, P. Wortham, 1997. 1st record since 1970. Still present 2005.

‡116/16.1. **Omphalodes verna** 70, Cumberland: near fisherman's hut, R. Eden, Coombs Wood, Armathwaite, NY506446, G. Lines, 2005. 1st record since 1970.

©117/1.hyb. **Verbena ×hybrida** *5, S. Somerset: single self-sown plant in pavement crack, Dunster, SS990435, P. R. Green, 2005.

©117/CAR.inc × mon. **Caryopteris ×clandonensis (C. incana × C. mongholica)** A. Simmonds ex Rehder *29, Cambs.: one young flowering plant, self sown on low brick wall in front of Sherlock Court, Cambridge, TL436599, A. C. Leslie, 2005, **CGE**. Ø

‡118/1.2. **Stachys byzantina** *49, Caerns.: on dumped soil in field, Pydew, SH8179, W. McCarthy, 2005.

‡118/2.1a. **Ballota nigra** subsp. **meridionalis** 44, Carms.: at edge of disused, vegetating tarmac car-park, Pembrey Burrows Local Nature Reserve, SS414993, BSBI AGM field meeting, 2005. 1st record since 1970.

‡118/6.2. **Galeopsis angustifolia** ©8, S. Wilts.: on edge of arable field margin, farmland, DTE Salisbury Plain, SU247494, J. Moon, 2004.

118/11.3. **Teucrium scordium** *52, Anglesey: pool margin, Bryngwran, SH349768, R. Birch, 2005. 1st Welsh record. Status unknown - ?native, as probably introduced by wildfowl.

118/12.2. **Ajuga pyramidalis** ©108, W. Sutherland: hazel scrub, River Laxford, NC254457, P. A. & I. M. Evans, 2005. Other plants in the vicinity.

‡118/23.3. **Mentha spicata** 110, Outer Hebrides: East Pabbay, NL68, R. J. Pankhurst & J. Swindells, 1998. 1st record since 1970.

‡118/23.3×4. **Mentha ×villosa (M. spicata × M. suaveolens)** 110, Outer Hebrides: Castlebay, Barra, NL6698, R. J. Pankhurst, 1998. 1st record since 1970.

120/1.pal. **Callitriche palustris** *86, Stirlings.: sandy shore of Endrick Mouth, Crom Mhin Bay, Loch Lomond NNR, NS426901, J. Mitchell, 2005, det. R. Lansdown, **E**, **NMW**. 2nd record for British Isles.

121/1.1. **Plantago coronopus** 32, Northants.: well established on verge of A6, Corby, SP8888, R. D. Cleaver, 1999, conf. G. M. Gent, **herb. Gill Gent**. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995). 106, E. Ross: coast, Nigg ferry, NH805689, P. Wortham, 1997. 1st record since 1970. Still present 2005.

121/1.3b. **Plantago major** subsp. **intermedia** *95, Moray: frequent on tracks in Lossie Forest, NJ280677, I. P. Green, 2005. *110, Outer Hebrides: Ceann Iar, Monach Islands NNR, NF60526200, P. A. Smith, 2005, det. T. C. G. Rich, **NMW**. Cult. T. C. G. Rich.

‡122/1.3. **Buddleja globosa** *©7, N. Wilts.: hedgerow, NW of Bromham, ST983679, J. Presland, 2003. *51, Flints.: naturalised, Leete path, 1.6km SW of Rhydymwyn, SJ195657, G. Wynne, 2003.

‡124/1.1. **Verbascum blattaria** 35, Mons.: one plant on the edge of a pile of stony earth, N of Millbrook Garden Centre and Trothy Brook, SO501112, T. G. Evans & C. Titcombe, 2005. 1st record since 1970.

‡124/1.10. **Verbascum speciosum** *‡42, Brecons.: road verge, Brecon, SO033284, A. & V. Lewis, 2004.

124/1.11. **Verbascum pulverulentum** ©28, W. Norfolk: disused sand pit, Blackborough End, TF680143, Norfolk Flora Group & R. M. Leaney, 2005.

‡124/1.pho. **Verbascum phoeniceum** *69, Westmorland: overgrown dump of soil, Ninezergh Lane, Levens, SD494849, G. Halliday, 2005, **LANC**.

124/2.1. **Scrophularia nodosa** 110, Outer Hebrides: foot of wall, Willowglen Road, Stornoway, NB434340, R. J. Pankhurst, 2001, **E**. 1st record since 1970.

‡124/4.2. **Mimulus guttatus** *29, Cambs.: margin of pond, Cambridge Science Park, Milton, TL466617, D. Barden, 2004. Probably deliberately introduced but now well established.

124/5.1. *Limosella aquatica* *69, Westmorland: shallow muddy pool, Tarn Syke, Sunbiggin, NY667076, G. Quartly-Bishop, 2005, LANC.

©124/13.mar. *Linaria maroccana* *44, Carms.: waste ground, Burry Port Harbour, SN443003, V. & A. Lewis, 2005. With *Centaurea cyanus*, *Viola tricolor* subsp. *tricolor*, *Sedum album* and *S. rupestre*.

‡124/16.18. *Veronica peregrina* 29, Cambs.: one plant as a weed on Monksilver Nursery, Oakington Road, Cottenham, TL436663, J. L. Sharman, 2005, CGE. 3rd v.c. record and 1st since 1958.

†124/16.24. *Veronica hederifolia* 106, E. Ross: coast, Portmahomack/Rockfield, NH98, BSBI group, 1999. 1st record since 1970.

‡124/17.ell×spec. *Hebe* ×*franciscana* (*H. elliptica* × *H. speciosa*) *29, Cambs.: one self sown plant at base of wall, Coveney, TL487820, A. C. Leslie, 2005.

124/20.5×1. *Euphrasia arctica* × *E. rostkoviana* *46, Cards.: horse-grazed pasture with bracken at 240 m, below road 1km SE of Devil's Bridge, SN747763, A. O. Chater, 2003, det. A. J. Silverside, NMW.

124/20.5b×19. *Euphrasia* ×*venusta* (*E. arctica* subsp. *borealis* × *E. scottica*) *46, Cards.: flush on S-facing grassy slope at 370m, 200m W of Nant-Ilwyd, Soar y Mynydd, SN781524, A. O. Chater, 2003, det. A. J. Silverside, NMW.

124/20.5×20. *Euphrasia arctica* × *E. heslop-harrisonii* *110, Outer Hebrides: above salt marsh, Seilebost, NG082965, A. F. Pankhurst, 2005, det. A. J. Silverside, E.

124/20.7×1a. *Euphrasia nemorosa* × *E. rostkoviana* subsp. *rostkoviana* *46, Cards.: grassy working area in conifer forest at 430m, Bryn Du-bach, 3km SSE of Llanddewi-Brefi, SN678527, A. O. Chater, 2003, det. A. J. Silverside, NMW.

124/20.7×8. *Euphrasia nemorosa* × *E. pseudokernerii* *46, Cards.: gravelly verge of FC road by lead mine at 270m, with both parents growing nearby, Mynach Vale, 3km E of Devil's Bridge, SN772775, A. O. Chater, 2003, det. A. J. Silverside, NMW.

124/20.7×9. *Euphrasia nemorosa* × *E. confusa* *79, Selkirks.: locally common in basic pasture at 540m, Red Scar, Hoptown Craig, Ettrick, NT185071, R. W. M. Corner, 2005, det. A. J. Silverside, herb. R.W.M.C. 110, Outer Hebrides: short turf, Hellisay, Sound of Barra, NF764036, P. A. Smith, 2003, det. A. J. Silverside, E. 1st record since 1970.

124/20.8. *Euphrasia pseudokernerii* @28, W. Norfolk: chalk grassland, Cockthorpe Common, TF984430, Norfolk Flora Group & R. W. Ellis, 2000. @28, W. Norfolk: chalk grassland, Grimes Graves, TL817899, S. R. J. Woodell, 2000.

124/20.11. *Euphrasia frigida* 110, Outer Hebrides: at 450m on stony hilltop, Caiteshal, NB240046, R. J. Pankhurst & P. A. Smith, 2002. 1st record since 1970.

124/20.12. *Euphrasia foulaensis* 106, E. Ross: top end of saltmarsh, Morrich More, NH8483, P. A. Evans, 1998. 1st record since 1970. Still present and abundant 2005 (B. R. & C. B. Ballinger), confirmed A. J. Silverside. @110, Outer Hebrides: Linciate, Benbecula, NF7849, E Pilling, 2000, det. A. J. Silverside, E.

124/20.12×14. *Euphrasia foulaensis* ×*E. ostenfeldii* *110, Outer Hebrides: turf at cliff edge, Scotasay, NG182927, R. J. Pankhurst, 2005, det. A. J. Silverside.

124/20.19. *Euphrasia scottica* 106, E. Ross: damp woodland, Loch Luichart, NH385580, B. Goater, S. Erskine, M. Godfrey, 1999. 1st record since 1970.

©124/21.1. *Odontites jaubertianus* *32, Northants.: short unimproved calcareous grassland on edge of disused WW2 airfield, Spanhoe, SP940978, R. Mileto, 2005, conf. E. J. Clement, herb. E.J.C.

124/23.1. *Parentucellia viscosa* *29, Cambs.: two plants on disturbed ground near Fen Causeway, Coe Fen, Cambridge, TL448574, J. Shanklin, 2005.

124/25.2. *Pedicularis sylvatica* 32, Northants.: wet field, Yardley Chase MOD area (SSSI), SP836556, M. Coleman, 1997. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995) and 1st record since Druce 1930.

‡124/DIA.int. *Diascia integerrima* E. Mey. ex Benth. *©42, Brecks.: waste ground, Penderyn, SN939087, M. & C. Porter, 2005. 1st Welsh record. Ø Apparently 1st record for British Isles.

‡124/SUT.cor. *Sutera cordata* Kuntze *©42, Brecks.: river bank, 3km W of Hay-on-Wye, SO198408, M. & C. Porter, 2005, det. G. M. Kay. Ø

‡125/1.2. *Lathraea clandestina* *110, Outer Hebrides: Askernish, South Uist, NF738238, W. Neill, 2005. Probably introduced with *Salix* trees.

‡127B/CAT.big. **Catalpa bignonioides** Walter *29, Cambs.: two self sown young plants at base of wall in car park behind shops, Norfolk Street, Cambridge, TL461584, A. C. Leslie, 2005. Ø

128/2.6. **Utricularia minor** 106, E. Ross: Corriehallie Forest, NH396488, P. Wortham, 1999. 1st record since 1970. Still present in this locality 2004.

‡129/1.3. **Campanula lactiflora** *91, Kincardines.: shingle by R. Dee, Kingcausie Island, Maryculter, NJ867012, D. Welch, 2005, **ABD**.

©129/9.1. **Downingia elegans** *32, Northants.: two or three plants found in recently seeded area in marshy field, Weston Favell Mill, SP792608, R. Moore, 1997, det. M. Mullin, **herb. Gill Gent**.

130/3.1. **Sherardia arvensis** 91, Kincardines.: unsprayed turnip field, Crathes, NO750960, D. Welch, 2005, **ABD**. 1st record since 1970.

130/7.1. **Cruciata laevipes** ‡106, E. Ross: coast, Kiltearn, NH615652, P. Wortham, 1997. 1st record since 1970. Still present 2005.

‡131/1.1. **Sambucus racemosa** *48, Merioneth: edge of plantation, beside the Bala – Llangynog road near Llandderfel, SH981352, D. O. Elias, 2005. Known here for 2 or 3 years.

‡131/3.orb×mic. **Symphoricarpos ×chenaultii** (**S. orbiculatus** × **S. microphyllus**) *7, N. Wilts.: two clumps on old canal towpath, Swindon, SU136835, J. E. Oliver, 2004.

‡131/5.1. **Leycesteria formosa** *91, Kincardines.: shore by policies, Johnshaven, NO804675, D. Welch, 1997.

‡131/6.1. **Lonicera pileata** *7, N. Wilts.: one self-seeded young plant on stonework, Chippenham, ST920735, J. E. Oliver & G. Yerrington, 2003. *69, Westmorland: wall-top, Kendal, SD517930, C. E. Wild, 2005, **LANC**.

‡131/6.4. **Lonicera xylosteum** *‡80, Roxburghs.: old hedge, east of Clarilaw, Hawick, NT530180, M. E. Braithwaite, 1990. Status unchanged in 2006.

‡133/1.2. **Valerianella carianata** *32, Northants.: waste ground, Sibbertoft, SP6882, F. Pearson, 1998, conf. G. M. Gent, **herb. Gill Gent**.

‡134/2.1. **Cephalaria gigantea** *8, S. Wilts.: seeding heads on plants on derelict site, Jockey Green, SU285639, J. E. Oliver, 2004.

‡135/1.3. **Echinops bannaticus** *44, Carms.: on SW facing sandy bank, Pembrey Country Park, SN406010, I. K. Morgan, 1998, det. G. Hutchinson, **NMW**. Still present in 2005. The original record was published in error as *E. sphaerocephalus* (*Welsh Bulletin* 76: 33 (2005)). A throw-out or deliberate planting? *©46, Cards.: one plant in alleyway, self-sown from nearby garden, N of High Street, Lampeter, SN576481, C. M. Overton, 2005, det. A. O. Chater, **NMW**.

135/5.3. **Carduus crispus** 93, N. Aberdeen: arable grassland, Rattray, NK087581, I. P. Green, 2005. 1st record since 1970.

‡135/11.3. **Centaurea cyanus** *©110, Outer Hebrides: bank opposite Cuddy Point, Stornoway Castle, NB418328, R. J. Pankhurst, 2005, **E**. Apparently introduced with seed mixture.

‡135/17.1. **Picris echioides** *©104, N. Ebudes (Skye): single plant on roadside, S of Sconser, NG534293, S. J. Bungard, 2004. Site later tarred.

‡135/22.1. **Lactuca serriola** 42, Brecks.: industrial estate road verge, Brynmawr, SO199114, M. & C. Porter, 2005. 1st record since 1970. *49, Caerns.: roadside bank, Penrhyn Bay, SH8181, M. Stead, 2005. *52, Anglesey: roadside gravel, Valley, SH286789, R. Birch, 2005. Second plant at SH289786.

135/25.58. **Taraxacum cambricum** *69, Westmorland: meadow by canal, Stainton, SD523853, A. M. Boucher, 2005, det. A. J. Richards, **herb. A.M.B.**

135/25.100. **Taraxacum spiculatum** *69, Westmorland: pavement weed, Natland, SD521891, A. M. Boucher, 2005, conf. A. J. Richards, **LANC, herb. A.M.B.**

‡135/25.104. **Taraxacum acutifidum** *69, Westmorland: grassland, Rinkfield Road, Kendal, SD519912, A. M. Boucher, 2005, det. A. J. Richards, **LANC, herb. A.M.B.**

135/25.120. **Taraxacum cophocentrum** *69, Westmorland: footpath border, Natland, SD519890, A. M. Boucher, 2005, conf. A. J. Richards, **herb. A.M.B.**

‡135/25.122. **Taraxacum corynodes** *69, Westmorland: verge near church, Natland, SD521892, A. M. Boucher, 2005, det. A. J. Richards, **herb. A.M.B.**

‡135/25.127. **Taraxacum densilobum** *69, Westmorland: coastal grassland, Milnthorpe, SD488815, A. M. Boucher, 2005, det. A. J. Richards, **herb. A.M.B.**

‡135/25.138. **Taraxacum adiantifrons** *86, Stirlings.: waste ground by old lemonade factory, Milngavie, NS552748, R. J. Pankhurst, 2003, det. A. J. Richards, **E, herb. R.J.P.**

‡135/25.149. **Taraxacum laeticolor** *69, Westmorland: roadside verge, B6385, Crooklands, SD533826, A. M. Boucher, 2005, det. A. J. Richards, **herb. A.M.B.**

135/25.155. **Taraxacum leucopodum** *44, Carmes.: moderately fertile and well drained grazing/hay field with some winter grazing and no record of recent ploughing, Waunygwail Fach Farm, Four Roads, SN447086, A. Stevens, 2004, det. A. J. Richards, **NMW**. Good material of this scarce plant.

135/25.172. **Taraxacum oblongatum** *‡110, Outer Hebrides: Harris Hotel, Tarbert, NB152000, P. A. Smith, 2005, det. A. J. Richards, **E**.

135/25.217. **Taraxacum undulatum** *69, Westmorland: coastal grassland, Milnthorpe, SD483823, A. M. Boucher, 2005, det. A. J. Richards, **LANC, herb. A.M.B.**

‡135/25.coa. **Taraxacum coartatum** *110, Outer Hebrides: Harris Hotel, Tarbert, NB152000, P. A. Smith, 2005, det. A. J. Richards, **E**.

‡135/27.6b. **Pilosella aurantiaca** subsp. **carpathicola** *108, W. Sutherland: rough ground between path and backs of gardens, Lochinver, NC095230, I. M. Evans, 2005.

135/28.29. **Hieracium placherophylloides** *46, Cards.: ungrazed rocky river bank at 285m, Afon Pysgotwr Fawr, 300m SE of Bryn-glas, SN738511, A. O. Chater, 1995, det. D. J. McCosh, **NMW**.

135/28.111. **Hieracium pollinarioides** *110, Outer Hebrides: Glen Skeaudale, NB140034, R. J. Pankhurst & P. A. Smith, 1996, det. D. J. McCosh, **E**.

‡135/28.115. **Hieracium scotostictum** *46, Cards.: roadside banks, Derwen-fach, Llandygwydd, SN242436, A. O. Chater & P. A. Smith, 1998, det. D. J. McCosh, **NMW**. Escaped from cultivation in adjacent garden.

135/28.167. **Hieracium schmidtii** 110, Outer Hebrides: Beinn na h'Aire, North Uist, NF901590, P. A. Smith, 1997, det. D. J. McCosh, **E**. 1st record since 1970.

‡135/28.asp. **Hieracium asperatum** Jord. ex Boreau *46, Cards.: ballast of disused railway in cutting, behind Penyrangor, Aberystwyth, SN581808, A. O. Chater, 1993, det. D. J. McCosh, **NMW**. Previously det. as *H. pollichiae* by P. D. Sell in 1994. Site now destroyed. Ø

135/28.avi. **Hieracium aviicola** Jord. ex Boreau *46, Cards.: roadside hedgebank at 275m, 600m WSW of chapel, Trefenter, SN601685, A. O. Chater, 1998, det. D. J. McCosh, **NMW**. Ø

135/28.con. **Hieracium consociatum** Jord. ex Boreau *46, Cards.: ballast of disused railway, Aberbachnog, 2km E of Llandysul, SN373403, A. O. Chater, 1985, det. D. J. McCosh, **NMW**. Ø

135/28.deg. **Hieracium deganwyense** Pugsley *46, Cards.: mortared walls of wheelpit of ruined lead mine at 370m, Nantycreuau mine, 4km E of Ponterwyd, SN789802, A. O. Chater, 1991, det. D. J. McCosh, **NMW**. Previously det. as *H. scoticum* by P. D. Sell in 1994. Ø

135/28.rio. **Hieracium rionii** Gremli *29, Cambs.: one plant by side of School Lane, Histon, TL441630, P. D. Sell, 2004, **CGE**. Ø

‡135/29.1. **Gazania rigens** *©49, Caerns.: pavement edge near beach café, Penrhyn Bay, SH8281, W. McCarthy, 2005.

135/30.4. **Filago minima** 32, Northants.: recently cleared area of relict heathland, Harlestone Firs, SP718638, B. J. Laney, 2004, conf. P. Stanley, **herb. Gill Gent**. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995).

135/33.2. **Gnaphalium sylvaticum** 7, N. Wilts.: woodland path, Cobham Frith, SU255669, J. Newton, 2003. 1st record since 1970.

©135/34.ita. **Helichrysum italicum** *29, Cambs.: one self sown plant at base of wall, Front Court, Emmanuel College, Cambridge, TL452583, A. C. Leslie, 2005.

[‡135/35.1. **Inula helenium** *91, Kincardines.: alder wood on island in R. Dee, Maryculter, NJ866009, D. Welch, 1995. Misidentification of *Telekia speciosa* (*Watsonia* 21: 397 (1997)). Delete from VCCC.]

‡135/38.1. **Telekia speciosa** *91, Kincardines.: alder woodland on island in R. Dee, Kingcausie Island, Maryculter, NJ866009, D. Welch, 2005, **ABD**. Original 1995 record called *Inula helenium* in error. *93, N. Aberdeen: streamside in gorge, Craig, NJ477245, D. Welch, 2005, **herb. D. Welch**. The original 1987 record for this site (the 2nd record for v.c. 93) was erroneously called *Inula helenium* (*Watsonia* 17: 478 (1989)).

‡135/44.1 **Conyza canadensis** *93, N. Aberdeen: flower bed, Invervrie, NJ775216, I. P. Green, 2005.

‡135/50.2. **Artemisia verlotiorum** *32, Northants.: many plants, well established on road verge, Middleton Cheney, SP509413, C. Christie, 2001, conf. G. Hansen, **herb. Gill Gent**.

‡135/55.2. *Anthemis arvensis* *©110, Outer Hebrides: bank opposite Cuddy Point, Stornoway Castle, NB418328, R. J. Pankhurst, 2005. Apparently introduced with seed mixture.

‡135/55.4. *Anthemis tinctoria* *©110, Outer Hebrides: path by west harbour, Tarbert, NB148002, R. J. Pankhurst, 2005.

©135/55.aus. *Anthemis austriaca* Jacq. *29, Cambs.: several plants on old soil heap, Pembroke College sports field, Grantchester Road, Cambridge, TL438570, A. C. Leslie, 2005, CGE. Ø

‡135/62.3. *Senecio inaequidens* *©32, Northants.: drained pond, Woodford Halse, SP505505, M. Atkins, 2003, conf. B. Partridge, **herb. Gill Gent.** *44, Carms.: about 3 large plants in disturbed ground at east end of Burry Port Southern Distributor Road construction site, SN453004, I. K. Morgan, 2005, NMW. *©46, Cards.: eight plants on waste ground, Ynys-las boatbuilding yard, SN616932, A. O. Chater, 2005, NMW. *50, Denbs.: garage forecourt, Denbigh, SJ054669, J. A. Green, 2005.

‡135/67.1. *Sinacalia tangutica* *29, Cambs.: apparently self sown at base of wall in narrow, concreted basement area beside Emmanuel College, Parker Street, Cambridge, TL454583, A. C. Leslie, 2003.

‡135/68.1. *Ligularia dentata* *69, Westmorland: south-west margin of pond, Witherslack, SD434862, J. Adams & W. Nelson, 2005.

‡135/71.2. *Petasites japonicus* *106, E. Ross: damp ground by river, Evanton, NH617654, B. R. & C. B. Ballinger, 2005, **herb. B.B.**

‡135/71.3. *Petasites albus* 110, Outer Hebrides: Stornoway Castle, NB43, R. J. Pankhurst & W. A. J. Cunningham, 1997. 1st record since 1970.

‡135/74.1. *Ambrosia artemisiifolia* *108, W. Sutherland: four plants in garden near bird feeders, Craggan Glas, Clashnessie, NC053308, E. King, 2005, det. P. A. & I. M. Evans, **herb. I.M. Evans.**

©135/76.2. *Xanthium spinosum* *‡32, Northants.: garden, Hunsbury, Northampton, SP727579, B. J. Laney, 2005, conf. E. J. Clement, **herb. Gill Gent.**

‡135/78.1. *Rudbeckia hirta* *95, Moray: one plant only on rubbish tip, Elgin, NJ236631, I. P. Green, 2005.

‡135/79.2. *Helianthus tuberosus* *44, Carms.: one large plant, c.2m across, in derelict ground used as council ash tip in 1960s, near Pemberton, Llanelli, SS530999, I. K. Morgan, 2005, NMW.

142/1.1×2. *Potamogeton ×gessnacensis* (*P. natans* × *P. polygonifolius*) *69, Westmorland: in 3m of water, Little Langdale Tarn, NY309033, C. Newbold, 1999, det. C. D. Preston, **LANC.** 1st English and 3rd British record.

142/1.7. *Potamogeton alpinus* 32, Northants.: pond, Yardley Chase MOD area (SSSI), SP839559, M. Wade, 1996. Rediscovered having been presumed extinct (*Flora of Northamptonshire*, 1995) and 1st record since Druce 1930.

142/1.17. *Potamogeton compressus* 29, Cambs.: one plant immediately west of the sluice on north side of Moreton's Leam, Stanground Sluice, just E of Peterborough, TL209974, P. Kirby, 2004. 1st record since 1912.

146/1.1. *Zostera marina* ©106, E. Ross: intertidal zone, Portmahomack, NH915846, B. R. & C. B. Ballinger, J. O. & S. A. Mason, 2005, **herb. B.B.**

‡147/2.1. *Lysichiton americanus* *93, N. Aberdeen: ditch in policies, Pitcaple Castle, NJ726262, D. Welch, 2005. Escape from garden.

‡147/5.2b. *Arum italicum* subsp. *italicum* *106, E. Ross: woodland edge, Rosemarkie, NH734578, B. R. & C. B. Ballinger, 2005, **herb. B.B.** Garden escape.

‡147/7.1. *Arisarum proboscideum* ‡42, Brecks.: shaded rough ground, Gurnos, SN778094, A. & V. Lewis, 2005.

©147/PIS.str. *Pistia stratiotes* L. *4, N. Devon: two small rosettes, Grand Western Canal, SS9812, J. Ison, 2005. Ø

151/1.6. *Juncus foliosus* 104, N. Ebudes (Raasay): mud by burn, Arnish, NG596482, S. J. Bungard, 2003. 1st record for Raasay and 1st for v.c.104 since 1970.

151/1.8. *Juncus ambiguus* 104, N. Ebudes (Rona): shore, Big Harbour, NG616565, S. J. Bungard, 2003. 1st record for Rona and 1st for v.c.104 since 1970. 104, N. Ebudes (Raasay): shore, Oskaig, NG547377, S. J. Bungard, 2003. 1st record for Raasay.

151/1.13×14. **Juncus ×surrejanus** (**J. articulatus** × **J. acutiflorus**) *44, Carms.: frequent in rushy field (with both parents), Cwrtbrynybeirdd near Trapp, SN665180, BSBI meeting, 2005, det. A. O. Chater.

151/1.20. **Juncus maritimus** *104, N. Ebudes (Skye): tidal river, Camasunary, NG510191, A. M. B. Averis & A. M. Averis, 1996. Seen by S. J. Bungard 2006.

152/4.1. **Bolboschoenus maritimus** *‡32, Northants.: old fishing lake, Heyford, SP657624, T. Balbi, 1997, conf. G. M. Gent.

‡152/11.1. **Cyperus longus** *70, Cumberland: one large clump on S bank of R. Derwent, Cockermouth, NY120308, D. Broughton, 2005.

‡152/11.2. **Cyperus eragrostis** *29, Cambs.: self sown seedlings from plants presumably deliberately introduced, Lake Lambert, Cambourne, TL319598, N. P. Millar & A. C. Leslie, 2005.

152/14.1. **Cladium mariscus** 108, W. Sutherland: patch 20 × 20m in shallow pool, saddle mire, Mullach na Creige Deirge, NC165473, P. A. & I. M. Evans, 2005. 1st record since 1970.

152/16.32. **Carex sylvatica** 106, E. Ross: Craig Wood, Dingwall, NH556600, Dundee Naturalists Society, 2005. 1st record since 1970. Previous *Atlas* record, M. J. Crawley in NH55, 1999.

152/16.57. **Carex limosa** 106, E. Ross: bog, Scardroy Burn, NH180533, P. Wortham, 2003. 1st record since 1970. Still present 2005.

152/16.60. **Carex atrata** *86, Stirlings.: Ben Lomond, NN30, L. Watt, 1888, Noted by A. McG. Stirling in *Scottish Naturalist* IV.

152/16.65×67. **Carex ×elytroides** (**C. acuta** × **C. nigra**) *69, Westmorland: with both parents in marsh west of Roman camp, Ambleside, NY371034, M. S. Porter, 2005, conf. A. O. Chater, **LANC**.

152/16.65×68. **Carex ×prolixa** (**C. acuta** × **C. elata**) *52, Anglesey: fen, Cors Castell, SH4980, R. H. Roberts, 1982?, det. A. C. Jermy, **NMW**. From an un-named herbarium sheet passed on by Mrs Roberts.

152/16.67×69. **Carex ×decolorans** (**C. nigra** × **C. bigelowii**) 50, Denbs.: grassy summit, Cadair Bronwen, SJ078346, S. Stille, 2005, det. A. O. Chater, M. S. Porter & R. W. M. Corner, **NMW**. 1st Welsh record.

153/12.2×3. **Festuca ×fleischeri** (**F. arundinacea** × **F. gigantea**) *70, Cumberland: at least 2 plants on sandy W bank of R. Eden, Wetheral, NY467549, F. J. Roberts, 2005, det. A. Copping & T. A. Cope, **LANC**. One of three sites.

153/12.7a. **Festuca rubra** subsp. **rubra** 110, Outer Hebrides: Allt Volagir, South Uist, NF799295, R. J. Pankhurst, 2000, det. C. A. Stace, **E**. 1st record since 1970.

153/12.8. **Festuca ovina** 106, E. Ross: dunes, Morrich More, NH88, BSBI group, 1998. 1st record since 1970. Widespread here 2005.

153/12×14/7×1. ×**Festulipia hubbardii** (**Festuca rubra** × **Vulpia fasciculata**) *95, Moray: growing on sand dunes with both parents, Findhorn, NJ037649, I. P. Green, 2005, conf. A. Copping.

‡153/14.3. **Vulpia myuros** *©110, Outer Hebrides: car park, Tarbert, NB150002, R. J. Pankhurst, 2005, det. C. A. Stace, **E**.

153/14.4b. **Vulpia ciliata** subsp. **ambigua** *32, Northants.: two or three large patches in open rough ground, Polebrook Airfield, TL099871, R. D. Cleaver, 1997, det. C. A. Stace, **herb. Gill Gent**.

‡153/18.10. **Poa palustris** *95, Moray: one plant on edge of small pond in Lossie Forest, NJ296665, I. P. Green, 2005, conf. T. A. Cope.

©153/25.cil. **Melica ciliata** var. **atropurpurea** L. *44, Carms.: several plants, self-sown from cultivated plants nearby, in cobbled/gravelled farmyard, Glynhir Mansion, Llandybie, SN639152, BSBI meeting, 2004, det. G. M. Kay, Ø

153/26.1. **Helictotrichon pubescens** 106, E. Ross: dunes, Morrich More, NH852835, BSBI group, 1998. 1st record since 1970. Still present 2005.

153/26.2. **Helictotrichon pratense**. 106, E. Ross: coast, Shandwick, NH856738, C. Dixon, J. W. McIntosh, G. P. Rothero, 1998. 1st record since 1970. Still present here 2005.

‡153/44.1. **Apera spica-venti** *©32, Northants.: found during survey of farmland, Sacrewell Farm, TL080998, T. C. E. Wells, 1999, **herb. T.C.E. Wells**. *©44, Carms.: one plant only in disturbed, sparsely vegetated ground, Dyfatty, Burry Port, SN460096, BSBI meeting, 2005, det. G. M. Kay, **NMW**.

‡153/50.7. **Bromus secalinus** 28, W. Norfolk: arable field, Bradenham, TF916105, K. A. & G. Beckett, 2002. 1st record since 1970.

153/56.1×3. **Elytrigia laxa** (E. repens × E. juncea) 106, E. Ross: sandy shore, Nigg near ferry terminal, NH796687, B. R. & C. B. Ballinger, 2005, **herb. B.B.** 1st record since 1970.

153/58.1. **Hordelymus europaeus** 32, Northants.: recently cleared area in woodland, large area of over 100 plants, Short Wood, TL0191, A. Colston, 1998, conf. F. H. Perring, **herb. Gill Gent.** 1st record since 1970.

‡153/62.ric. **Cortaderia richardii** *5, S. Somerset: single self-sown clump on side of woodland ride, Pendomer, ST521089, P. R. Green, 2005, det. I. P. Green.

153/67.2. **Spartina anglica** *‡106, E. Ross: muddy shore, Dingwall, NH557590, B. R. & C. B. Ballinger, 2004, det. T. A. Cope, **herb. B.B.** Previously recorded as *Spartina alterniflora* var. *glabra*.

‡153/68.1. **Echinochloa crus-galli** *©51, Flints.: reclaimed industrial site, Rhydymwyn, SJ205668, G. Wynne, 2003.

‡153/70.pum. **Setaria pumila** ©51, Flints.: reclaimed industrial site, Rhydymwyn, SJ205668, G. Wynne, 2003. 1st record since 1917.

‡153/70.ver. **Setaria verticillata** *69, Westmorland: pavement weed, Finkle St, Kendal, SD515926, A. M. Boucher, 2005, **LANC, herb. A.M.B.**

‡153/71.san. **Digitaria sanguinalis** *69, Westmorland: pavement weed, Finkle St, Kendal, SD515926, A. M. Boucher, 2005, **LANC, herb. A.M.B.**

‡153/FAR.mul. **Fargesia murielae** (Gamble) T. P. Yi *44, Carms.: originally planted, now naturalised and spreading on bank clothed in tall herb and bramble to west of larger of two ponds, Penarth Ganol, Pumsaint, SN649401, K. A. & R. D. Pryce, 2005, det. G. Hutchinson, **NMW.** 1st record for naturalised plant away from coastal amenity plantings. Ø

154/1.1c. **Sparganium erectum** subsp. **neglectum** 50, Denbs.: riverside, Llandulas, SH909787, J. A. Green, 2005. 1st record since 1911.

154/1.2. **Sparganium emersum** 106, E. Ross: small loch, Black Loch, NH792756, Loch Survey, 1994. 1st record since 1970. Still present 2005.

‡158/10.1. **Tulipa sylvestris** *93, N. Aberdeen: roadside, Pitcaple, NJ734254, I. P. Green, 2005.

‡158/12.1. **Lilium martagon** *93, N. Aberdeen: roadside, Bourtie, NJ783244, I. P. Green, 2005.

‡158/18.2. **Ornithogalum angustifolium** *110, Outer Hebrides: graveyard, Eriskay, NF784116, R. J. & A. F. Pankhurst, 2004.

‡158/19.1. **Scilla bifolia** *©110, Outer Hebrides: rough grassland near Ormiclate, South Uist, NF73, D. L. Smith, 1956, **GLAM.**

158/19.4. **Scilla verna** 44, Carms.: two plants, one with c.25 and the other with 2 flowering stems, on crest of cliff in limestone grassland, Dolwen Point, Pendine, SN233078, I. K. Morgan & R. N. Stringer, 2005, **NMW.** 1st record since E. B. G. Jones' c.1950 record from Llanstephan.

‡158/22.1. **Chionodoxa forbesii** *69, Westmorland: by copse at road junction, Slackhead, Beetham, SD493787, J. H. Clarke, 2005.

‡158/24.5. **Allium subhirsutum** *44, Carms.: three clumps associated with *A. vineale* in disturbed ground at edge of platform, Ferryside railway station, SN366104, G. Hutchinson, 2005, **NMW.** 2nd Welsh record

158/24.11. **Allium oleraceum** 91, Kincardines.: steep deciduous woodland, Morpie, NO717620, D. Welch, 2005, **ABD.** 1st record since 1970.

©158/24.ccp. **Allium cepa** *‡42, Brecks.: shingle along R.Usk, near Scethrog, SO106244, M. & C. Porter, 2005.

©158/24.tub. **Allium tuberosum** Rottl. Ex Spreng *29, Cambs.: several plants, apparently self-sown on steps of 45 Panton Street, Cambridge, TL453574, P. H. Oswald, 2005, det. A. C. Leslie. Ø

‡159/2.5. **Sisyrinchium striatum** *44, Carms.: established on colliery tip, south of Y Garth, near Ammanford, SN619133, I. K. Morgan, 2005, det. G. Hutchinson, **NMW.**

‡159/5.4. **Iris versicolor** 110, Outer Hebrides: shore, Benbecula, NF847553, S. J. Bungard, 1998. 1st record since 1970.

- ‡159/13.1. **Crocsmia paniculata** *93, N. Aberdeen: trackside, Strichen, NJ957563, D. Welch, 2005.
- 162/3.7. **Epipactis phyllanthes** ®28, W. Norfolk: fen edge, Dereham, Lolly Moor, TF992103, D. & B. Mathias, 2002.
- 162/11.1. **Corallorhiza trifida** ®106, E. Ross: vegetated dunes, in 4 locations under birch and willow, Morrich More, NH852834, B. R. & C. B. Ballinger, 2005.
- 162/15×18/1×2. ×**Pseudorhiza bruniana** (**Pseudorchis albida** × **Dactylorhiza maculata**) *104, N. Ebudes (Skye): coastal grassland, Ullinish, NG319368, B. Allen, 1994.
- 162/17×18/1×1. ×**Dactyloglossum mixtum** (**Coeloglossum viride** × **Dactylorhiza fuchsii**) 110, Outer Hebrides: Luskentyre, NG072987, R. S. C. Ferreira, 1990. 1st record since 1970.
- 162/18.1×2. **Dactylorhiza ×transiens** (**D. fuchsii** × **D. maculata**) 110, Outer Hebrides: Fuday, NF7308, R. Waterston, 1980, E. 1st record since 1970.
- 162/18.1×5. **Dactylorhiza ×venusta** (**D. fuchsii** × **D. purpurella**) 110, Outer Hebrides: North Uist, NF845766, S. J. Bungard, 1998. 1st record since 1970.
- 162/18.3b. **Dactylorhiza incarnata** subsp. **coccinea** 104, N. Ebudes (Raasay): moorland, South Fearn, NG5835, S. J. Bungard, 1997, det. R. M. Bateman. 1st record since 1970.
- 162/18.5×6. **Dactylorhiza purpurella** × **D. majalis** 110, Outer Hebrides: Clachan, Trumisgarry, North Uist, NF867749, R. J. Pankhurst, 1979. 1st record since 1970.
- 162/18.7. **Dactylorhiza traunsteineri** ®28, W. Norfolk: part alkaline mire, Roydon, TF686227, R. A. Yaxley, 2000. ®28, W. Norfolk: alkaline mire, Castle Acre, TF806152, H. E. Williamson, 2000.

