

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 pp.10 & 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 10-km 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*.

Records have been received for the following vice-counties: 5, 10, 13, 17, 31, 36, 37, 39, 55, 57, 58, 60, 62, 67, 79, 80, 87, 89, 91, 93, 101, 103, 106, 107, 109, 110, H12, H27, H36 & H37.

Please note that, since Kent Numbers are not yet available for the newly-described species of *Hieracium*, all records for *Hieracium* species are given under the general number 135/28.

ARCHAEOPHYTES AND NATIVES

Equisetum ×**willmotii** (**E. fluviatile** × **telmateia**) 4/1.4×9. ***101**, Kintyre: roadside ditch, Cloanaig bay, NR872563, P. Stanley, B. Laney & K. Turner, 2007, det. P. J. Acock. A few stems among *E. telmateia*.

Equisetum ×**rothmaleri** (**E. arvense** × **palustre**) 4/1.5×8. ***89**, E. Perth: side of burn, Allt Coire Lagain, Shinagag, Killiecrankie, NN951687, H. McHaffie, 2004, conf. C. N. Page, **RBGE**.

Adiantum capillus-veneris 7/3.1. *‡**H36**, Tyrone: walls in Caledon Estate, H747436, I. McNeill & J. Faulkner, 2000. Probably escaped from nearby greenhouses.

Trichomanes speciosum 10/2.1. **H36**, Tyrone: shady rocks at Strabane Glen, H3598, R. Northridge, 2005. Gametophyte. 1st record since 1891, when sporophyte was recorded 'within 5 miles of Strabane', possibly at same site. @**H36**, Tyrone: shady rocks at St Patrick's Chair, H597496, R. Northridge, 2008. Gametophyte.

Polypodium ×**xshivasiae** (**P. interjectum** × **cambricum**) 11/1.2×3. ***5**, S. Somerset: patch in hedge bank, West Leigh, ST114311, M. J. Sibley, 2007, conf. R. Cooke.

Asplenium obovatum subsp. **lanceolatum** 15/2.3a. **101**, Kintyre: dolerite dyke on coast, Ardnacross, NR766255, I. & C. Russell, 2007, det. F. McGavigan & H. McHaffie. 141 plants over 2x10m (18 in 1971). 1st record since 1971. Only known site in Scotland.

Dryopteris affinis subsp. **cambrensis** 17/3.3b. ***5**, S. Somerset: single plant in hedge bank, N side of track, Maundown Hill, ST060284, M. J. Sibley, 2007, conf. K. Trewren.

Ceratophyllum demersum 27/1.1. ***79**, Selkirks.: at 340m, Hellmoor Loch, NT385170, R. W. M. Corner, 2009, **herb. R. W. M. C.**

Thalictrum flavum 28/17.3. **67**, S. Northumb.: West Woodburn, NY900868, A. J. Richards, 2008. 1st record since 1967.

†**Chelidonium majus** 30/5.1. *©**101**, Kintyre: road verge, Campbeltown, Fort Argyll, NR734206, I. Teesdale, 2007, det. H. McHaffie.

†**Fumaria officinalis** subsp. **officinalis** 31/5.7a. ***91**, Kincardines: field cropped with potatoes and peas, St Cyrus, NO730628, D. Welch, 2009, det. R. J. Murphy, **herb. R. J. Murphy** & **herb. D. Welch**. Var. *officinalis*. ***93**, N. Aberdeen: edge of arable field, Savocho, NK065426, D. Welch, 2009, det. R. J. Murphy, **herb. R. J. Murphy** & **herb. D. Welch**.

†**Fumaria officinalis** subsp. **wirtgenii** 31/5.7b. ***62**, N. E. Yorks.: large patch on waste ground, Teesside Park, NZ471184, V. Jones & W. A. Thompson, 2009, **herb. V. Jones**.

†**Fumaria densiflora** 31/5.8. @**10**, Wight: disturbed ground (development site), Newport, SZ495893, P. D. Stanley, 2009.

†**Fumaria vaillantii** 31/5.10. **10**, Wight: arable headland on greensand, Mottistone, SZ415844, P. D. Stanley, 2009, det. T. C. G. Rich. 1st modern record. Also on arable field on greensand, Chale Green, SZ480799, P. D. Stanley, 2009, det. T. C. G. Rich.

Parietaria judaica 36/2.1. ‡**80**, Roxburghs: old walls, Town Yetholm, NT819280, M. E. Braithwaite & BSBI Party, 2009. 1st localised record.

Betula nana 40/1.3. @**89**, E. Perth: a colony 7m x 2m, at 610m in peat bog, Ben Gulabin, near Spittal of Glenshee, NO106727, P. Bartlett, M. C. Robinson, J. McIntosh, L. Tucker & J. Edgington, 2008.

Atriplex prostrata 43/3.2. ©**H36**, Tyrone: dump at Aughlish, H738631, I. McNeill, 2003. 1st record since 1960s.

Atriplex ×**taschereaui** (**A. glabriuscula** × **longipes**) 43/3.3×4. ***H12**, Co. Wexford: single plant on bank of the River Barrow, Killowen, S687205, P. R. Green, 2007, det. P. R. Green & M. R. W. Morris.

Beta vulgaris subsp. **vulgaris** 43/4.1c. *©**H12**, Co. Wexford: single plant on verge of the Gorey By-pass, Moneylawn, T132563, P. R. Green, 2007.

Stellaria nemorum 46/5.1. **93**, N. Aberdeen: alderwood, Glass, NJ463404, D. Welch, 2009, **herb. D. Welch**. 1st record since 1906.

Myosoton aquaticum 46/8.1. ©**H36**, Tyrone: growing on dumped mushroom compost, Fury Valley, H557498, J. Harron & I. McNeill, 2002, det. P. Hackney, **BEL**. @©**H36**, Tyrone: on mushroom compost, Aughlish, H738631, I. McNeill, 2003.

Herniaria glabra 46/13.1. *‡**55**, Leics.: several plants on granite chippings on post-industrial land, Loughborough, SK522214, A. Lear, 2007.

Persicaria mitis 47/1.15. **39**, Staffs.: one plant in seasonally flooded open grassland, Bass Waterside Wood, Burton upon Trent, SK256240, C. A. Stace & M. E. Smith, 2008. 1st record since 1934.

Polygonum boreale 47/4.5. **@101**, Kintyre: sandy beach, Point Sands South, NR696477, Kintyre Botany Group, 2007, conf. D. R. McKean & H. McHaffie. 2nd 10km square in VC.

Salix ×rubra (**S. purpurea** × **viminalis**) 61/2.5×9. **89**, E. Perth: river shingle, R. Tay, downstream of Rattray, NO186447, L. Tucker & M. C. Robinson, 2008. Present with both parents. 1st record since 1970.

Salix ×strepida (**S. cinerea** × **myrsinifolia**) 61/2.11×14. **89**, E. Perth: river shingle, R. Tay, downstream of Rattray, NO186447, L. Tucker & M. C. Robinson, 2008. Present with both parents. 1st record since 1970.

Rorippa islandica 62/12.3. ***101**, Kintyre: scattered over an area of 10 square feet in disused gravel pit, Rhunahaorine, NR714506, I Teesdale, 2008, det. T. C. G. Rich.

Coronopus didymus 62/31.2. ***©91**, Kincardines.: entrance to dump, Auchenblae, NO725776, D. Welch, 2009, **herb. D. Welch**.

Brassica nigra 62/34.3. ***©H36**, Tyrone: dumped material in disused gravel pit, Teebane, H67805, I. McNeill, 2007, conf. T. C. G. Rich & P. Hackney, **BEL**.

†**Sinapis alba** 62/35.2. **©H36**, Tyrone: waste ground, Lisacclare near Stewartstown, H872691, I. McNeill, 2007. 1st record since 1907.

Pyrola rotundifolia subsp. **rotundifolia** 66/1.3a. **@80**, Roxburghs: wooded bank, above R. Tweed, Braeheds, St Boswells, NT593312, L. W. Gaskell, 2009, **herb. R. W. M. C.** **@ 89**, E. Perth: at 700m in soligenous mire on mountain slope, Ben Gulabin, near Spittal of Glenshee, NO105724, M. C. Robinson, J. McIntosh, L. Tucker, J. Edgington and P. Bartlett, 2008, conf: J. Squirrel (by DNA). A huge colony, mixed with *Pyrola minor*, extending for 100 metres uphill. Several in flower.

Monotropa hypopitys 67/1.1. **67**, S. Northumb.: witherite spoil under *Corylus*, Settlingsstones, NY844686, A. J. Richards, 2008. 4 km E of first site, also on mine spoil.

Anagallis minima 69/6.3. **39**, Staffs.: about 20 plants in ride under pines, The Million, SO843859, B. Westwood, 2009, **STO**. More nearby. 1st record since 1878.

Sedum forsterianum 73/5.11. **‡89**, E. Perth: crag, Beal Hill, Rait, NO204274, L. Tucker, 2006, conf. M. C. Robinson. 1st record since 1970.

Saxifraga tridactylites 74/5.19. ***H36**, Tyrone: abundant on unused section of hard-surface playing-fields at Omagh, H459722, I. McNeill, 2009.

Rubus painteri 75/8.160. ***57**, Derbys.: Shallcross, SK0179, D. P. Earl, 2007.

Rubus conjugens 75/8.307. ***62**, N. E. Yorks.: edge of disused railway S of Ravenscar, SE9899, A. Newton, 2008.

Rubus halsteadensis 75/8.309. ***62**, N. E. Yorks.: hedgerow near disused station, Ravenscar, NZ9801, A. Newton, 2008.

Rubus latifolius 75/8.312. ***62**, N. E. Yorks.: large patch on waste ground, N side of railway, Battersby Junction, NZ588073, V. Jones & M. J. Yates, 2008, conf. A. Newton, **herb. V. Jones & herb. M. J. Yates**.

Rubus hindii 75/8.hin. ***62**, N. E. Yorks.: near Gribdale Terrace, NZ5811, A. Newton, 2008.

Potentilla erecta subsp. **strictissima** 75/9.13b. ***62**, N. E. Yorks.: a few plants in grassland amongst heather, Helwath Bridge, SE954995, V. Jones & M. Yates, 2009, **herb. V. Jones**.

Rosa arvensis × **sherardii** 75/21.4×16. **37**, Worcs.: field hedge, Lye Head, SO757724, R. Maskew, 2009. 4th recent record, 1st with *R. arvensis* as the female parent.

Rosa spinosissima × **sherardii** 75/21.5×16. **37**, Worcs.: field hedge, Grafton Flyford, SO968558, R. Maskew, 2009. As hybrid with *R. sherardii* as female parent. 4th record, 2nd since C19.

Rosa canina 75/21.12. ***103**, Mid Ebudes: rock outcrop, Ben Feall, Coll, NM146547, D. A. Pearman, 2009, det. R. Maskew. Det. as group 'Transitoriae'. ***106**, E. Ross: roadside, Culrain, NH580935, R. Maskew, 2009. Det. as group 'Dumales'. ***106**, E. Ross: roadside, Strathcarron, NH581905, R. Maskew, 2009. Det. as group 'Transitoriae'.

Rosa ×dumalis (**R. canina** × **caesia** subsp. **caesia**) 75/21.12×13a. ***110**, Outer Hebrides: Loch A' Gheoidh, Lewis, NB053316, P. A. Smith, 2009, det. R. Maskew.

Rosa ×dumalis (R. canina × caesia subsp. vosagiaca) 75/21.12×13b. **13**, W. Sussex: frequent in scrub, Bramshott Bottom, SU802185, R. Maskew, 2009. 1st confirmed record since 1931. **106**, E. Ross, roadside, Strathcarron, NH588908, R. Maskew, 2009. Hybrid with *R. caesia* as female parent. 1st confirmed record since 1909. ***109**, Caithness: riverside scrub, Lybster, ND243351, K. Butler & R. Maskew, 2009. Several bushes of both the hybrid and reciprocal hybrid.

Rosa ×scabriuscula (R. canina × tomentosa) 75/21.12×15. **13**, W. Sussex: Bramshott Bottom, SU802184, R. Maskew, 2009. Hybrid with *R. tomentosa* as female parent. 1st confirmed record since 1929.

Rosa ×rothschildii (R. canina × sherardii) 75/21.12×16. **36**, Herefs.: Caeiron, Cefn Hill, SO284388, P. G. Garner & R. Maskew, 2009. Hybrid with *R. sherardii* as female parent. 1st confirmed record since 1943. ***109**, Caithness: riverside scrub, R. Thurso, ND111672, K. Butler & R. Maskew, 2009. Hybrid with *R. sherardii* as female parent.

Rosa ×toddiae (R. canina × micrantha) 75/21.12×19. **17**, Surrey: woodland margin, Forest Green, TQ114407, J. Leslie, 2009, det. R. Maskew. Hybrid with *R. micrantha* as female parent. 1st confirmed record since 1924. ***31**, Hunts.: edge of bridleway, Chamber's Dole, TL153929, D. Broughton, 2009, det. R. Maskew. Hybrid with *R. micrantha* as female parent.

Rosa ×cottetii (R. caesia × tomentosa) 75/21.13×15. ***58**, Cheshire: Chorlton near Chester, SJ404720, G. M. Kay, 2009, det. R. Maskew. Hybrid with *R. tomentosa* as female parent.

Rosa caesia subsp. caesia 75/21.13a. **106**, E. Ross: roadside, Culrain, Kyle of Sutherland, NH580936, R. Maskew, 2009. 1st confirmed record of subsp. *caesia* since 1909.

Rosa caesia subsp. vosagiaca × sherardii 75/21.13b×16. **106**, E. Ross: roadside, Culrain, Kyle of Sutherland, NH588926, R. Maskew, 2009. Several bushes of both the hybrid and reciprocal hybrid. 1st confirmed record since 1909. ***109**, Caithness: roadside scrub, Lybster, ND244352, K. Butler & R. Maskew, 2009. Hybrid with *R. sherardii* as female parent.

Rosa caesia subsp. vosagiaca × rubiginosa 75/21.13b×18. ***109**, Caithness: riverside scrub, Dunbeath, ND162294, R. Maskew, 2009.

Rosa ×perthensis (R. sherardii × mollis) 75/21.16×17. ***36**, Herefs.: Wern Agavenny, Cefn Hill, SO280396, P. G. Garner & R. Maskew, 2009. Hybrid with *R. mollis* as female parent. ***87**, W. Perth: Coals Naughton, NS934957, P. D. Stanley, 2009, det. R. Maskew. Hybrid with *R. mollis* as female parent. ***109**, Caithness: riverside scrub, R. Thurso, ND112672, K. Butler & R. Maskew, 2009. Hybrid with *R. mollis* as female parent.

Rosa ×suberecta (R. sherardii × rubiginosa) 75/21.16×18. ***107**, E. Sutherland: roadside bank, Bonar Bridge, NH604927, R. Maskew, 2009. ***109**, Caithness: riverside scrub, Dunbeath, ND159297, R. Maskew, 2009.

Rosa ×molliformis (R. mollis × rubiginosa) 75/21.17×18. ***107**, E. Sutherland: roadside, Strath Fleet, R. Maskew.

†**Prunus domestica subsp. insititia** 75/22.5b. *‡**89**, E. Perth: a dense thicket on boundary between orchard and field, Port Allen, Errol, R. Tay, NO250211, M. C. Robinson, 2007. Originating from trees originally planted in orchard.

Medicago sativa 77/18.2. ©***91**, Kincardines.: casual in Torry, NJ90, J. W. H. Trail, after 1894. Source - *Trail Memorial Volume* (1923).

Medicago sativa subsp. varia 77/18.2b. *©**80**, Roxburghs.: disturbed ground, near remains of old railway bridge, R. Teviot below Nisbet Mill, NT667250, L. W. Gaskell, 2009, **herb. R. W. M. C.**

Trifolium micranthum 77/19.13. ***91**, Kincardines.: graveyard, Banchory, NO707957, I. Green, 2009. ***93**, N. Aberdeen: short grass, St Fergus, NK112522, I. Green, 2009.

Epilobium ×subhirsutum (E. hirsutum × parviflorum) 84/1.1×2. ***H12**, Co. Wexford: two plants on waste ground, Arthurstown, S71501069, P. R. Green, 2007, **DBN**. With both parents.

Epilobium tetragonum 84/1.5. *‡**H12**, Co. Wexford: frequent in quarry, Knockgreany, T188705, P. R. Green, 2007.

Viscum album 87/1.1. ‡**89**, E. Perth: 3 plants on two very old apple trees in garden, Marlee Manse, Kinloch, NO150448, E. D. Cameron, 2008. 1st record since 1970.

†**Mercurialis annua** 91/1.2. *©**H36**, Tyrone: dump at Gortacladdy, H690768, I. McNeill, 2006, det. Edinburgh Botanic Gardens.

Anthriscus caucalis 107/6.2. ©**H36**, Tyrone: dump of discarded mushroom compost, Fury Valley, H557498, J. Harron & I. McNeill, 2002. 1st record since 1939.

- Pimpinella major** 107/13.1. *‡**H36**, Tyrone: roadside bank at Ballyetra, H161792, I. McNeill, 2006. Probably casual.
- ‡**Aethusa cynapium** subsp. **agrestis** 107/20.1b. ***55**, Leics.: about 40 plants in disturbed ground near new lagoon, Rutland Water Nature Reserve, SK882077, A. Lear, 2009.
- Pastinaca sativa** 107/40.1. ©**H36**, Tyrone: roadside at Derrymeen, H858636, I. McNeill, 2007. 1st record since 1930s.
- ‡**Torilis arvensis** 107/43.2. ©**10**, Wight: single plant in gateway, Brighstone, SZ426825, P. D. Stanley, 2009.
- Centaureum erythraea** 108/3.2. ***79**, Selkirks.: rough ground near site of old gas works, Netherdale, Galashiels, NT509348, J. A. Murray, 2009.
- Atropa belladonna** 110/3.1. ‡**67**, S. Northumb.: gates of Exhibition Park, Newcastle, NZ246653, A. & G. Young, 2005, **herb. G. A. Swan**. 1st record since 1970.
- Polemonium caeruleum** 114/1.1. *‡**101**, Kintyre: unreclaimed peat moss by road, Aros Moss, NR677240, I. Teesdale & A. Stewart, 2007. Garden throw-out. Established.
- Symphytum tuberosum** 116/4.3. ‡**H36**, Tyrone: Baronscourt, H361831, BSBI party, 2001. 1st formal record since 1902.
- Myosotis sylvatica** 116/15.7. *©**H12**, Co. Wexford: waste ground, Arthurstown, S714107, P. R. Green, 2007.
- Myosotis ramosissima** 116/15.9. **101**, Kintyre: in short turf on roadside rocks, Keil Point, Southend, NR673076, I. Teesdale & A. Stewart, 2007. 1st record since 1970.
- ‡**Lamium confertum** 118/5.5. **101**, Kintyre: Carskey beach, NR661077, I. Teesdale & A. Stewart, 2006. Also found at 2 other sites in Campbeltown area. 1st record since 1970.
- Euphrasia officinalis** subsp. **monticola** × **confusa** 124/20 × 9. ***67**, S. Northumb.: unmown rushy area within upland hay meadow, Loudside, NY804474, J. O'Reilly, 2007, det. A. J. Silverside. Ø
- Euphrasia arctica** × **nemorosa** 124/20.5 × 7. ***67**, S. Northumb.: herb-rich upland hay meadow, Dryburn Cleugh, NY786536, J. O'Reilly, 2007, det. A. J. Silverside.
- Parentucellia viscosa** 124/23.1. **101**, Kintyre: hundreds of plants in ungrazed meadow, Killean, NR695453, I. Teesdale & A. Stewart, 2007. 1st record since 1970.
- Orobanche elatior** 125/2.4. ***10**, Wight: trackside on chalk, Chillerton, SZ476830, T. Tutton, 2009, det. F. J. Rumsey. 1st confirmed IW record but known locally from this site for over 30 years.
- Orobanche hederæ** 125/2.8. ***62**, N. E. Yorks.: several plants on ivy in back yard, Amber Street, Saltburn, NZ666215, J. Thompson, 2009, det. V. Jones.
- Utricularia stygia** 128/2.4. ***101**, Kintyre: small spring at base of cliff, Cruach Lusach, NR781829, T. C. G. Rich, 2006, **NMW**. Also 1999 record for Danna loch but no details.
- Utricularia minor** 128/2.6. **89**, E. Perth: calcareous flush, Loch Moraig, Blair Atholl, NN906663, M. C. Robinson, 2009. 1st record since 1970.
- Campanula latifolia** 129/1.11. ©**101**, Kintyre: small patch of woodland at edge of disused quarry, Campbeltown, NR727196, I. Teesdale & A. Stewart, 2007. 1st record since 1970.
- Galium parisiense** 130/6.14. *©**57**, Derbys.: open waste ground, old Staveley Works, SK416750, A. Willmot, 2009.
- ‡**Cichorium intybus** 135/12.1. ©**H36**, Tyrone: re-seeded area at Derryloran Industrial Estate Cookstown, H801764, I. McNeill, 2006. 1st record since 1950s.
- Taraxacum richardsonianum** 135/25.44. ***67**, S. Northumb.: Dipton Forest, NY965615, A. J. Richards, 2007, **herb. G. A. Swan**.
- Taraxacum ceratolobum** 135/25.47. ***89**, E. Perth: moorland path, Ben Vrackie, NN941611, M. B. Usher, 2008, det. A. J. Richards, **E**.
- Taraxacum cymbifolium** 135/25.50. ***89**, E. Perth: at 630m on steep grassy slope, Ben Vrackie, NN950629, M. B. Usher, 2008, det. A. J. Richards, **E**.
- Taraxacum excellens** 135/25.61. ***62**, N. E. Yorks.: verge by A171 near Pinchinthorpe, NZ582157, V. Jones, 2009, det. A. J. Richards, **herb. V. Jones**.
- Taraxacum haematicum** 135/25.65. ***67**, S. Northumb.: High Shields, Hexham, NY935627, A. J. Richards, 2007, **herb. G. A. Swan**.
- Taraxacum cophocentrum** 135/25.120. ***62**, N. E. Yorks.: grassland at edge of arable, Hovingham Carrs, SE663766, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.

Taraxacum longisquameum 135/25.158. *62, N. E. Yorks.: verge by A171, Nunthorpe, NZ536140, V. Jones, 2009, det. A. J. Richards, **herb. V. Jones**.

[**Pilosella xstolonifera** (**P. officinarum** × **aurantiaca**) 135/27.2×6. 39, Staffs.: SO78, 2004. Reported in an earlier volume of *Watsonia*. No specimen: determination now very uncertain.]

Pilosella officinarum subsp. **euronota** 135/27.2eur. *57, Derbys.: disused railway, Clowne, SK502754, G. M. Kay, 2009. 1st record for sub-species in vc 57. Ø

Pilosella officinarum subsp. **officinarum** 135/27.2off. *57, Derbys.: grassland, Elmton churchyard, SK503735, G. M. Kay, 2009. 1st record for sub-species in vc 57. Ø

Pilosella officinarum subsp. **trichosoma** 135/27.2tri. *57, Derbys.: rock outcrop, disused railway, Clowne, SK4975, G. M. Kay, 2009. 1st record for sub-species in vc 57. Ø

Hieracium anglorum 135/28. *62, N. E. Yorks.: Silpho near Scarborough, SE99, J. Cryer, 1909, det. P. D. Sell, **CGE**.

Hieracium angustisquamum 135/28. *62, N. E. Yorks.: several plants on roadside bank, 2km N of Stape, SE798953, V. Jones, 2002, det. D. J. McCosh and P. D. Sell, **herb. V. Jones**.

Hieracium apiculatidens 135/28. *62, N. E. Yorks.: Sutton Bank, SE58, C. West, 1961, det. P. D. Sell, **CGE**.

Hieracium argillaceum 135/28. *62, N. E. Yorks.: Ellerbeck near Goathland, NZ80, J. E. Little, 1913, det. P. D. Sell, **CGE**.

Hieracium consociatum 135/28. *62, N. E. Yorks.: very locally frequent on wall of old railway siding, Battersby Junction, NZ591076, V. Jones, 1991, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium daedalepiodes 135/28. *62, N. E. Yorks.: occasional on bridge embankment, A174, Skinningrove, NZ711189, V. Jones, 2007, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium inaequilaterum 135/28. *62, N. E. Yorks.: occasional on face of disused limestone quarry, Arden Bank, near Hawnby, SE512905, V. Jones, 2007, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium nemophilum 135/28. *62, N. E. Yorks.: castle walls, York, SE65, W. A. Thompson, 1844, det. P. D. Sell, **CGE**.

Hieracium prominentidens 135/28. *62, N. E. Yorks.: large clump in rough railway grassland, Middlesbrough, NZ489212, V. Jones, 2000, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium tricolorans 135/28. *62, N. E. Yorks.: common on face of disused limestone quarry, Arden Bank, near Hawnby, SE512905, V. Jones, 2003, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium uiginskyense 135/28. *62, N. E. Yorks.: abundant over a wide area on sand dunes and grassland, South Gare, N of Redcar, NZ52N, V. Jones, 2007, det. D. J. McCosh, **herb. V. Jones**.

Hieracium silvaticoides 135/28. *62, N. E. Yorks.: Hawnby, SE58, J. A. Wheldon, 1884, det. P. D. Sell, **CGE**.

Hieracium decolour 135/28. *62, N. E. Yorks.: scattered plants on limestone cliff face, Peak Scar, near Hawnby, SE529883, V. Jones, 2002, conf. D. J. McCosh, **herb. V. Jones**.

Hieracium argenteum 135/28. *93, N. Aberdeen: rock outcrop, King Edward, NJ721561, D. Welch, 2009, det. D. J. McCosh, **herb. D. Welch**.

Pulicaria dysenterica 135/37.1. 101, Kintyre: two small patches in damp meadow at back of the beach, Innean Bay, NR598166, I. Teesdale & A. Stewart, 2007. 1st record since 1970s.

Chamaemelum nobile 135/54.1. @10, Wight: mown grass common, Lake Green, SZ586839, G. Toone, 2009. Last recorded from this site in 1856.

†**Matricaria recutita** 135/59.1. 101, Kintyre: field margin by beach, Macharioch, NR741093, I. Teesdale & A. Stewart, 2007. Arable weed. 1st record since 1970. *©H36, Tyrone: recently disturbed ground at Cookstown, H805785, I. McNeill, 2005, det. S. Reynolds.

Juncus foliosus 151/1.6. *H36, Tyrone: Corcloghy Lough, H562474, J. Harron, 2002.

Eriophorum latifolium 152/1.2. @H36, Tyrone: area of limy seepage on Dunnaree Hill, H311714, D. McNeill, 2007. 2nd hectad in county.

Carex xboeninghausiana (**C. paniculata** × **remota**) 152/16.1×15. *10, Wight: beneath willow carr, Freshwater Marshes, SZ345864, P. D. Stanley, 2009, conf. M. S. Porter. First IW record since 1893.

Carex × **pseudoaxillaris** (**C. otrubae** × **remota**) 152/16.5×15. *10, Wight: neutral grassland verge, Newtown, SZ443881, P. D. Stanley, 2009, conf. M. S. Porter. First IW record since 1858. ©10, Wight: woodland ride on clay, Swainston, SZ423904, C. R. Pope, 2009, conf. M. S. Porter.

Carex spicata 152/16.7. †80, Roxburghs.: at 300m on road verge, Whitrope, NT526003, R. W. M. Corner, 2009, **herb. R. W. M. C.** *89, E. Perth: a single plant in setaside in damp pasture, Myreside, near Errol, NO223251, M. C. Robinson & L. Tucker, 2008, conf. M. S. Porter.

Carex extensa 152/16.43. *93, N. Aberdeen: saltmarsh, Loch of Strathbeg, NK073599, I. Green, 2009.

Carex xelytroides (**C. acuta** × **nigra**) 152/16.65 × 67. *79, Selkirks.: wet old river channel of Ettrick, south-west of Cacrabank, NT302166, R. W. M. Corner, 2008, conf. M. S. Porter, **herb. R. W. M. C.**

Festuca xfleischeri (**F. arundinacea** × **gigantea**) 153/12.2×3. *10, Wight: roadside verge, Freshwater, SZ345863, P. D. Stanley, 2009, det. T. A. Cope.

X **Festulolium holbergii** (**Festuca arundinacea** × **Lolium perenne**) 153/12.2×13.1. *©H36, Tyrone: field at Carncorran near Castleberg, H294828, I. McNeill, 2007, det. T. A. Cope. Determination: certainly a *Festuca/Lolium* hybrid, highly likely to be X *F. holmbergii*. 1st record for any *Festuca/Lolium* hybrid.

Festuca ovina subsp. **ovina** 153/12.8a. *67, S. Northumb.: Emblehope Burn, NY7595, Q. Groom, 2008, conf. A. Copping. 1st confirmed record.

Festuca ovina subsp. **hirtula** 153/12.8b. *67, S. Northumb.: disused mine workings, Blakehope Fell, NY852944, Q. Groom, 2008, conf. A. Copping.

Poa infirma 153/18.1. *5, S. Somerset: in crack alongside the wall outside 20, Ponsford Road, Minehead, SS973458, J. Webb, 2007, conf. R. FitzGerald.

Holcus xhybridus (**H. lanatus** × **mollis**) 153/33.1×2. *55, Leics.: arable field margin, Ullesthorpe, SP497873, C. A. Stace, 2007, **LTR.**

Fritillaria meleagris 158/11.1. *©101, Kintyre: wooded area in cutting, Campbeltown old railway, NR721199, I. Teesdale & A. Stewart, 2007. Naturalised and spreading in wooded area.

Epipactis phyllanthes 162/3.7. ©39, Staffs.: two spikes beneath Hybrid Balsam Poplars by Wom Brook, Wombourne, SO872927, A. Ferguson, 2009, conf. C. B. Westall.

Spiranthes romanzoffiana 162/7.3. 101, Kintyre: three plants on shore of Aucha Lochy, NR726223, Kintyre Botany group, 2006, det. J. McIntosh. 1st record since 1970. Also seen 2007. ©H27, W. Mayo: growing on limestone, Errew Abbey, Lough Conn, G170120, F. Horsman, 2001. 8 plants in an extensive area, including 1 triple plant.

Hammarbya paludosa 162/10.1. *89, E. Perth: at 600m in bog, Ben Gulabin near Spittal of Glenshee, NO 107727, L. Tucker, 2009. 40 plants, mostly in one colony.

Dactylorhiza xcarnea (**D. maculata** × **incarnata**) 162/18.2×3. *93, N. Aberdeen: marsh, Blairfowl, Methlick, NJ809386, D. Welch, 2009. With parents.

Neotinea maculata 162/19.1. ©H27, W. Mayo, Drummin, Lough Cullin, G2305, F. Horsman, 2002. 4 plants growing with large numbers of *Spiranthes romanzoffiana* and (introduced) *Sisyrinchium californicum*.

NEOPHYTES AND CASUALS

‡**Selaginella kraussiana** 2/1.2. *H36, Tyrone: several patches on lawn at Holy Hill House, near Artigarvan, H383997, I. McNeill, 2008, **BEL.**

[‡**Matteuccia struthiopteris** 16/1.1. 91, Kincardines.: woodland in den, NO798869, D. Welch, 2007. Location and finder not given in previous entry - *Watsonia* 27 p.381.]

‡**Cedrus deodara** 20/6.1. *91, Kincardines.: edge of woodland, Kingcausie, NJ866005, D. Welch, 2009. *93, N. Aberdeen: churchyard, Bourtie, NJ804248, D. Welch, 2009.

‡**Cedrus libani** 20/6.lib. *55, Leics.: several big trees in woodland, Grace Dieu, SK432181, R. Smith, 2009.

‡**Helleborus argutifolius** 28/3.arg. *89, E. Perth: river shingle, R. Tummel, Moulinearn, Pitlochry, NN968542, M. C. Robinson, 2006.

‡**Aconitum lycoctonum** subsp. **vulparia** 28/6.2. *62, N. E. Yorks.: several plants in rough grassland, Amotherby Parish Church, SE750734, W. A. Thompson, 2009.

©**Aconitum carmichaelii** Debeaux 28/6.car. *101, Kintyre: one established clump on verge of B843, Stewarton, NR691200, I. Teesdale & A. Stewart, 2006, conf. D. R. McKean. Ø

- ‡*Anemone apennina* 28/9.2. *H12, Co. Wexford: large patch on field bank on side of R746, Prospect, S9660, P. R. Green, 2007.
- ‡*Clematis montana* 28/12.4. *H12, Co. Wexford: large patch in field hedge on west side of the N11, Coolishal, T13405749, P. R. Green, 2007.
- ‡*Fumaria reuteri* 31/5.4. ©10, Wight: dumped roadside soil, Freshwater, SZ349857, P. D. Stanley, 2009, det. T. C. G. Rich. *©101, Kintyre: two plants growing wild in garden, High Askomil, Campbeltown, NR727290, I. Teesdale, 2005, det. T. C. G. Rich. New to Scotland. Identified from potted material.
- ‡*Ficus carica* 35/2.1. *67, S. Northumb.: Skinnerburn Lane, Newcastle, NZ222632, J. Durkin, 2001.
- ‡*Soleirolia soleirolii* 36/3.1. *80, Roxburghs.: riverside cliff, Tweed near Benrig, St Boswells, NT606310, L. W. Gaskell, 2008, det. R. W. M. Corner, **herb. R. W. M. C.** 101, Kintyre: walls, southern shore of Campbeltown Loch, Campbeltown, NR7120, I. Teesdale & A. Stewart, 2007. Plentiful in area. 1st record since 1970.
- ‡*Alnus cordata* 40/2.2. *H12, Co. Wexford: single self-sown tree at base of wall opposite church, Duncannon, S73020840, P. R. Green, 2007.
- ©*Phytolacca acinosa* 41/1.1. *10, Wight: 3 plants self sown by footpath, Steephill, SZ545767, C. R. Pope, 2009. Probably originated from nearby Botanic Garden.
- ‡*Chenopodium quinoa* Willd. 43/1.qui. *91, Kincardines.: dump, Drumlithie, NO798819, D. Welch, 2009. Ø
- ©*Chenopodium strictum* 43/1.str. *10, Wight: disturbed ground (development site), Newport, SZ495893, P. D. Stanley, 2009, det. E. J. Clement.
- ‡*Chenopodium suecicum* 43/1.sue. ©H36, Tyrone: re-seeded road verge at Enniskillen, E of Cookstown, H874755, I. McNeill, 2005, det. J. R. Akeroyd. 1st record since 1896.
- ©*Bassia scoparia* 43/2.1. *62, N. E. Yorks.: edge of waste ground, Douglas Street, Middlesbrough, NZ503193, V. Jones & W. A. Thompson, 2009, **herb. V. Jones.**
- ©*Amaranthus retroflexus* 44/1.1. *67, S. Northumb.: cracks in pavement, Quayside, North Shields, NZ356681, A. J. Richards *et al.*, 2008, **herb. G. A. Swan.** Locally abundant and well established.
- ‡*Amaranthus blitum* 44/1.bli. *55, Leics.: about 15 plants on roadside, West Knighton, City of Leicester, SK595007, U. Hamzoui, 2009.
- ©*Lychnis coronaria* 46/18.1. *H12, Co. Wexford: several plants on waste ground, Arthurstown, S714107, P. R. Green, 2007.
- ‡*Dianthus deltoides* 46/25.5. *60, W. Lancs.: Plain Quarry, Dalton, SD552761, A. McLay, 2009. Comm. G. Halliday.
- ‡*Persicaria amplexicaulis* 47/1.7. *©89, E. Perth: a single plant on river side of car park on edge of woodland, Black Spout Wood, Pitlochry, NN951575, M. C. Robinson, 2008.
- ©*Fagopyrum tataricum* (L.) Gaertn. 47/3.tat. *H12, Co. Wexford: single plant on verge of the Gorey By-pass, Polands Cross Roads, T21946946, P. R. Green, 2007, **DBN.** Ø
- ‡*Fallopia sachalinensis* 47/5.2. *91, Kincardines.: policies, Fasque House, NO646753, D. Welch, 2009.
- ©*Rumex dentatus* 47/8.den. *55, Leics.: one plant under tree in pavement, Oadby, SK620008, U. Hamzoui, 2008.
- ‡*Hypericum calycinum* 51/1.1. *H36, Tyrone: scrubby ground near Maydown Bridge, H818520, I. McNeill, 2008.
- ‡*Hypericum xinodorum* (*H. androsaemum* × *hircinum*) 51/1.3×4. *©101, Kintyre: hedge by farm track, Campbeltown, NR710208, I. Teesdale & A. Stewart, 2007, det. N. K. B. Robson. Garden escape or birdsown?
- ‡*Hypericum canadense* 51/1.17. ©H27, W. Mayo: many plants, Derrinkee, L999721, F. Horsman, 2001.
- ‡*Hypericum forrestii* 51/1.for. *©101, Kintyre: waste ground near airport, Aros Moss, NR682221, Ian Teesdale, 2008.
- ©*Malva alcea* 53/1.2. *10, Wight: field edge, St Lawrence, SZ532762, E. Pratt, 2009.
- ©*Abutilon theophrasti* 53/6.1. *H12, Co. Wexford: single plant in pasture, Duncannon, S72930848, P. R. Green, 2007.
- ‡*Sarracenia purpurea* 54/1.1. *57, Derbys.: moorland flush, Stoke Flat, SK254767, A. Willmot, 2010. About 25 plants, some with remains of flowers.

- ‡**Populus ×canescens** (**P. alba** × **tremula**) 61/1.1×2. *89, E. Perth: large thicket suckering from planted specimens on edge of old orchard, Port Allen, Errol, R. Tay, NO250211, M. C. Robinson, 2007.
- ‡**Populus trichocarpa** 61/1.4. *91, Kincardines.: streamside, Drumlithie, NO790809, D. Welch, 2009. *93, N. Aberdeen: roadside, Forgue, NJ596434, D. Welch, 2009.
- ‡**Sisymbrium orientale** 62/1.6. ©80, Roxburghs.: disturbed ground, site of old railway station, Galashiels, NT495361, L. W. Gaskell, 2009, **herb. R. W. M. C.** 1st record since 1916.
- ‡**Barbarea verna** 62/11.4. *67, S. Northumb.: Tyne Green, Hexham, NY933648, J. Bowyer, 2008, **herb. G. A. Swan**. Population subsequently killed by herbicide.
- ‡**Cardamine corymbosa** 62/14.cor. *55, Leics.: garden, Markfield, SK484117, E. Penn-Smith, 2008, det. T. C. G. Rich. The 1st record for which details can be traced. *H36, Tyrone: weed in R. Irvine's garden, Cookstown, H801776, R. Irvine, 2004, det. I. McNeill. Seen again as roadside weed a short distance away at H801778 by I. McNeill, 2007.
- ‡**Rapistrum rugosum** 62/40.1. *©H36, Tyrone: dumped material in Carland Quarry, H792666, I. & A. McNeill, 2007, det. P. Hackney, **BEL**.
- ©**Crambe hispanica** L. 62/41.his. *H36, Tyrone: waste ground at Doons, H729799, I. McNeill, 2008, det. T. C. G. Rich, **BEL**. Probably first Irish record. Ø
- ‡**Eruca vesicaria** 62/ERC.ves. *©H36, Tyrone: re-seeded road verge at Quinn's Corner, H728603, I. McNeill, 2004, det. T. C. G. Rich.
- ‡**Sedum spurium** 73/5.7. *93, N. Aberdeen: old quarry, Fyvie, NJ790362, D. Welch, 2009.
- ‡**Astilbe ×arendsii** (**A. japonica** × **chinensis** × **rosea**) 74/1.1×chi×ros. *60, W. Lancs.: edge of old gravel pit, Worton, SD517730, E. F. Greenwood, 2009.
- ©**Bergenia crassifolia** 74/3.1. *89, E. Perth: dumped soil at roadside, Welton Industrial Estate, Blairgowrie, NO189445, M. C. Robinson, 2006.
- ‡**Tellima grandiflora** 74/8.1. *55, Leics.: woodland, Groby Rifle Range, SK525077, S. F. Woodward, 2007.
- ‡**Spiraea ×arguta** (**S. multiflora** × **thunbergii**) 75/3.mul×thu. *57, Derbys.: Ilkeston, SK4642, C. & M. Smith, 2008.
- ‡**Rubus odoratus** 75/8.5. *©H36, Tyrone: dump in disused quarry at Mountfield, H534785, I. McNeill, 2001.
- ‡**Acaena anserinifolia** 75/18.2. 62, N. E. Yorks.: four small patches on bare stony ground, Meeting House car park, Helmsley, SE613837, C. I. Gillings, 2009, det. V. Jones, **herb. V. Jones**.
- ‡**Malus huphensis** (Pamp.) Rehder 75/27.hup. *©101, Kintyre: in moorland beside road, Dalsmirran, NR645135, I. Teesdale & A. Stewart, 2007, conf. D. R. McKean & H. McHaffie. Remote location. Ø
- ‡**Cotoneaster salicifolius** 75/32.10. *89, E. Perth: edge of amenity area, side of R. Ericht, Blairgowrie, NO178456, M. C. Robinson, 2007, det. J. Fryer. Planted or bird-sown.
- ‡**Cotoneaster rehderi** 75/32.35. *93, N. Aberdeen: roadside, Rathen, NK001609, D. Welch, 2009.
- ‡**Cotoneaster mairei** 75/32.mai. *39, Staffs.: between the rails of a railway line, Bromley, SO903887, C. B. Westall, 2006.
- ‡**Cotoneaster marginatus** 75/32.mar. *89, E. Perth: scrub at side of track, Glen Tilt road, NN881691, M. C. Robinson, 2008, det. J. Fryer. Planted or bird-sown.
- ‡**Crataegus persimilis** 75/35.5. *55, Leics.: roadside, Sapcote, SP502930, G. Calow, 2007.
- ‡**Lathyrus grandiflorus** 77/15.7. *©H36, Tyrone: waste ground in Cookstown, H6806785, I. McNeill, 2007.
- ‡**Lathyrus latifolius** 77/15.9. *H12, Co. Wexford: a single clump on waste ground, Arthurstown, S714107, P. R. Green, 2007.
- ©**Melilotus indicus** 77/17.4. *91, Kincardines.: casual in Torry, NJ90, J. W. H. Trail, after 1893. Source - *Trail Memorial Volume* (1923).
- ©**Medicago intertexta** (L.) Mill. 77/18.int. *91, Kincardines.: by railway, Nigg, NJ90, J. W. H. Trail, 1910. Source - *Trail Memorial Volume* (1923). Ø
- ‡**Trifolium pannonicum** 77/19.17. *H12, Co. Wexford: road verge along the Gorey By-pass, Ballinclair, T10075472, P. R. Green, 2007, **DBN**.
- ‡**Gunnera tinctoria** 80/1.1. *93, N. Aberdeen: lakeside, Fyvie Castle, NJ766390, D. Welch, 2009. Escape from policies. *101, Kintyre: well established in forestry ditches (eg Ballochgair), NR780269, I. Teesdale & W. Byford, 2009.

- ‡**Fuchsia magellanica** 84/5.1. *55, Leics.: one large bush on woodland edge, Grace Dieu, SK431177, H. Ikin, 2008.
- ‡**Aucuba japonica** 85/2.1. *62, N. E. Yorks.: several small self-sown plants scattered in rough copse, Brass Castle Lane, Nunthorpe, NZ529143, V. Jones, 2009. Unusual to find seedlings.
- ‡**Euphorbia maculata** 91/2.2. *55, Leics.: several plants spreading slowly in pavement, West Knighton, City of Leicester, SK596008, U. Hamzoui, 2007. Still present 2009.
- ‡**Linum usitatissimum** 94/1.2. ©H36, Tyrone: dump at Lisaclare, H872691, I. McNeill, 2007. 1st formal record, but presumably must have been a frequent casual in Tyrone pre-1960 when flax was a major crop in N. Ireland.
- ‡**Acer villosum** C. Presl 99/1.vil. *60, W. Lancs.: near Haweswater, Silverdale, SD479767, M. Wilcox, 2009. Ø
- ‡**Oxalis exilis** 102/1.4. *101, Kintyre: walls, paths, gardens, Witchburn Road, Campbeltown, NR715202, I. Teesdale & A. Stewart, 2007.
- ‡**Oxalis tetraphylla** 102/1.12. *©62, N. E. Yorks.: several plants self-sown on waste ground, West Street, Yarm, NZ417129, V. Jones & W. A. Thompson, 2009, **herb. V. Jones**.
- ‡**Geranium pyrenaicum** 103/1.14. ©101, Kintyre: sand dunes on edge of Macrihanish Golf Course, NR642208, I. Teesdale & A. Stewart, 2007, det. A. Norton. 1st record since 1970.
- ‡**Geranium macrorrhizum** 103/1.17. *©101, Kintyre: road verge, Kildalloig Bay, NR747196, I. Teesdale & A. Stewart, 2007, det. A. Norton. Garden escape which disappeared in 2007.
- ©**Tropaeolum majus** 104/1.maj. *101, Kintyre: top of the beach, Davaar Point, NR753195, I. Teesdale & A. Stewart, 2007. Persistent colony for at least 5 years.
- ‡**Heracleum mantegazzianum** 107/41.2. ©10, Wight: established by footpath, Bembridge, SZ642885, C. R. Pope, 2009.
- ©**Solanum physalifolium** 110/8.3. *62, N. E. Yorks.: disturbed grass verge, Water End, York, SE590528, V. Jones & W. A. Thompson, 2009, **herb. V. Jones**.
- ©**Petunia ×hybrida (P. axillaris × integrifolia)** 110/PET.axi × int. *H12, Co. Wexford: single self-sown plant in pavement crack, New Ross, S7127, P. R. Green, 2007.
- ‡**Phacelia tanacetifolia** 115/1.1. *©89 E. Perth: edge of field above Pitroddie Den, NO200253, M. C. Robinson & L. Tucker, 2007. *©H12, Co. Wexford: common on road verge along the Gorey By-pass, Ballinclay, T102546, P. R. Green, 2007.
- ‡**Echium plantagineum** 116/2.2. *©H36, Tyrone: waste ground at Doons, H729799, I. McNeill, 2008.
- ‡**Mentha ×villosa (M. spicata × suaveolens)** 118/23.3×4. 101, Kintyre: at back of the beach, Macharioch, NR738090, I. Teesdale & A. Stewart, 2007, det. R. M. Harley. Var. *alopecuroides*. Established garden escape. 1st record since 1970.
- ‡**Mentha ×rotundifolia (M. suaveolens × longifolia)** 118/23.4×lon. 101, Kintyre: near the beach, Kilkerran Road, Campbeltown, NR744194, I. Teesdale & A. Stewart, 2007, det. R. M. Harley. 1st record since 1970.
- ‡**Mimulus guttatus** 124/4.2. 101, Kintyre: damp area beside Skeroblin Loch, NR703260, I. Teesdale & A. Stewart, 2007. Also by Tangy Burn NR680268. 1st record since 1970.
- ©**Mimulus ×hybridus (M. cupreus ×smithii)** 124/4.cup×smi. *H12, Co. Wexford: four plants self-sown at base of wall, Ballyhack, S705108, P. R. Green, 2007. Ø
- ©**Antirrhinum hispanicum** Chav. subsp. **hispanicum** 124/7.his. *60, W. Lancs.: top of wall surrounding supermarket car park, Carnforth, SD499706, J. Clarke, 2009, det. E. J. Clement. Ø
- ©**Chaenorhinum origanifolium** 124/8.1. *62, N. E. Yorks.: self-sown plants in pavement crack, Castlegate, Malton, SE792715, V. Jones, 2009, conf. W. A. Thompson, **herb. V. Jones**.
- ‡**Asarina procumbens** 124/10.1. *39, Staffs.: on retaining wall bordering waste ground, Crown Bank, Talke, SJ825529, S. R. Hinsley, 2009.
- ‡**Digitalis lutea** 124/14.2. *57, Derbys.: abandoned garden, The Old Cheese Factory, Brailsford, SK254416, C. & M. Smith, 2009. Garden was abandoned prior to 1995.
- ‡**Veronica polita** 124/16.2. 101, Kintyre: roadside weed, Campbeltown, NR7220, I. Teesdale & A. Stewart, 2007. 1st record since 1970.
- ©**Sutera cordata** Kuntze 124/SUT.cor. *H12, Co. Wexford: single plant self-sown at base of wall, Mary Street, New Ross, S71932758, P. R. Green, 2007, **DBN**. Ø
- ‡**Campanula persicifolia** 129/1.4. *©67, S. Northumb.: disused railway line, Shiremoor, NZ309716, A. & G. Young, 1996.

- ©*Phuopsis stylosa* 130/4.1. *62, N. E. Yorks.: self-sown on steps, Oswaldkirk, SE623790, V. Jones, 2009.
- ‡*Lonicera japonica* 131/6.6. *62, N. E. Yorks.: prolifically naturally regenerating in trackside scrub, Brotton, NZ681193, V. Jones & W. A. Thompson, 2009. *H12, Co. Wexford: waste ground, Arthurstown, S714107, P. R. Green, 2007.
- ‡*Taraxacum falcatum* 135/25.10. *62, N. E. Yorks.: edge of arable, Socarrs Lane, Hovingham, SE681763, V. Jones, 2009, det. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum chloroticum* 135/25.118. *62, N. E. Yorks.: river bank, Tees at Yarm, NZ416126, V. Jones & W. A. Thompson, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum densilobum* 135/25.127. *62, N. E. Yorks.: grassland, N bank of R. Leven, E of Stokesley, NZ539091, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum intumescens* 135/25.145. *89, E. Perth: beside woodland track, Mill Dam, Dunkeld, NO031461, M. B. Usher, 2007, det. A. J. Richards, **E**.
- ‡*Taraxacum leptodon* 135/25.154. *62, N. E. Yorks.: road verge by A171, Nunthorpe, NZ536140, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum obliquilobum* 135/25.171. *62, N. E. Yorks.: road verge near Chapel Beck, Guisborough, NZ602157, V. Jones, 2009, det. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum pachymerum* 135/25.177. *62, N. E. Yorks.: trackside near Park House Farm E of Lealholm, NZ777070, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum piceatum* 135/25.184. *89, E. Perth: woodland ride, Moulin, Pitlochry, NN943603, M. B. Usher, 2008, det. A. J. Richards, **E**.
- ‡*Taraxacum porrigens* 135/25.187. *62, N. E. Yorks.: river bank, Tees at Yarm, NZ416126, V. Jones & W. A. Thompson, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum procerisquameum* 135/25.188. *62, N. E. Yorks.: side of woodland track, Quarry Bank Wood, SE581839, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum sublongisquameum* 135/25.208. *62, N. E. Yorks.: verge of A172, Swainby, NZ473023, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum trilobatum* 135/25.214. *62, N. E. Yorks.: grassy bank by farm lane, Barry Bank Farm, Ugthorpe, NZ800108, V. Jones, 2009, det. A. J. Richards, **herb. V. Jones**.
- ‡*Taraxacum valens* 135/25.218. *62, N. E. Yorks.: central reservation of A171 near Pinchinthorpe, NZ583157, V. Jones, 2009, conf. A. J. Richards, **herb. V. Jones**.
- ©*Crepis setosa* 135/26.set. *H12, Co. Wexford: two plants on verge of Gorey By-pass, Knockmullen, T16615817, P. R. Green, 2007.
- ‡*Hieracium aterrimum* 135/28. *62, N. E. Yorks.: very locally frequent on W side of disused railway N of Kilton Thorpe, NZ687182, V. Jones & W. A. Thompson, 2009, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium aviicola* 135/28. *62, N. E. Yorks.: very locally frequent on waste ground, Corus, near Redcar, NZ572245, V. Jones, 2007, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium firmirarum* 135/28. *62, N. E. Yorks.: very locally frequent, waste ground by The Fleet, Corus, near Redcar, NZ575244, V. Jones, 2007, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium spilophaeum* 135/28. *62, N. E. Yorks.: rocks, Sutton Bank, SE5182, J. G. Baker, 1853, det. P. D. Sell, **CGE**.
- ‡*Hieracium subaequialtum* 135/28. *62, N. E. Yorks.: scattered plants on mine deposit, Kilton Tip, NZ695171, V. Jones, 1991, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium salticola* 135/28. *62, N. E. Yorks.: frequent in rough grassland and railway waste ground, Maze Park by Tees, Middlesbrough, NZ4618, V. Jones, 2002, **herb. V. Jones**.
- ‡*Hieracium scotostictum* 135/28. *62, N. E. Yorks.: locally frequent on wall, Gilling East, SE613769, V. Jones, 2005, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium subleptostoides* 135/28. *62, N. E. Yorks.: very locally frequent under trees by track, Grey Towers, Nunthorpe, NZ585135, V. Jones, 1991, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Hieracium severiceps* 135/28. *62, N. E. Yorks.: locally frequent on ashy industrial waste ground, Corus, Grangetown, NZ545211, V. Jones, 2008, conf. D. J. McCosh, **herb. V. Jones**.
- ‡*Aster ×versicolor* (*A. laevis* × *novi-belgii*) 135/41.3×4. *67, S. Northumb.: steep slopes N of Tynemouth Haven, NZ379653, A. J. Richards, 2008, **herb. G. A. Swan**. Well established but probably hortical.

- ‡*Santolina chamaecyparissus* 135/51.1. *10, Wight: established on maritime cliffs, Bembridge, SZ650870, E. Pratt, 2009.
- ‡*Anthemis austriaca* Jacq. 135/55.aus. *55, Leics.: locally frequent in disturbed ground, Watermead Country Park, SK606108, J. Sells, 2009, det. J. Partridge. *H12, Co. Wexford: plentiful on road verge, Holmestown, S96892226, P. R. Green, 2007. Ø
- ‡*Leucanthemella serotina* 135/57.1. *39, Staffs.: one clump in rough grassland by a roundabout, Ladymoor, SO941952, C. B. Westall, 2009.
- ©*Leucanthemum paludosum* (Poir.) Bonnet & Barratte 135/58.pal. *H12, Co. Wexford: single plant in pavement crack on edge of car park, New Ross, S7127, P. R. Green, 2007, **DBN**. Ø
- ‡*Senecio inaequidens* 135/62.3. *60, W. Lancs.: single plant on verge of northbound M6, SD538351, M. S. Porter, 2009.
- ©*Senecio vernalis* 135/62.16. *H12, Co. Wexford: common on road verge along the Gorey By-pass, Knockduff, T15765767, P. R. Green, 2007. **DBN**.
- ©*Senecio minimus* Poir. 135/62.min. ©10, Wight: in Botanic Garden beneath tree ferns, Steephill, SZ549769, P. D. Stanley, 2009, det. E. J. Clement. Ø
- ‡*Ambrosia artemisiifolia* 135/74.1. *©H36, Tyrone: dump 2km E of Gortin, H511854, I. McNeill, 2007, det. J. L. Mason.
- ‡*Elodea nuttallii* 138/4.2. *91, Kincardines.: pool by farm, Ecclesgreig, NO732660, D. Welch, 2009.
- ‡*Arum italicum* 147/5.2. *©101, Kintyre: roadside verge, West Darloch, NR677230, I. Teesdale & A. Stewart, 2007.
- ‡*Lemna minuta* 148/2.4. *91, Kincardines.: ditch in farmland, St Cyrus, NO737632, D. Welch, 2009. *H36, Tyrone: flooded quarry-floor at Mount Stewart, H460569, I. McNeill, 2003, det. P. Hackney. Frequent in H36 by 2007.
- ‡*Juncus tenuis* 151/1.2. *©10, Wight: disturbed waste ground, Newport, SZ501896, P. D. Stanley, 2009.
- ‡*Carex buchananii* 52/16.buc. *H12, Co. Wexford: a single clump on waste ground in field gateway, New Ross, S70882515, P. R. Green, 2007.
- ‡*Avena sterilis* 153/28.4. *©H36, Tyrone: weed in cereal crop at Garvaghy near Eglis, H792555, I. McNeill, 2007, det. P. Hackney.
- ‡*XAgropogon lutosus* (*Polypogon monspeliensis* × *Agrostis stolonifera*) 153/39.1×46.4×2. (Poir.) P. Fourn. *10, Wight: roadside verge, Dodnor, Newport, SZ501917, P. D. Stanley, 2009. Ø
- ‡*Agrostis scabra* 153/39.9. *H38, Down: waste ground, by the Musgrave Channel, Belfast Harbour, J361760, I. McNeill, 2009, conf. T. B. Ryves.
- ©*Polypogon maritimus* Willd. 153/46.mar. *57, Derbys.: open waste ground, old railway sidings, Derby, SK365360, A. Willmot, 2009, det. T. B. Ryves. About 50 fruiting clumps. Ø
- ©*Anisantha tectorum* 153/52.4. *H12, Co. Wexford: two clumps on verge of the Gorey By-pass, Moneylawn, T132563, P. R. Green, 2007.
- ‡*Cortaderia richardii* 153/62.ric. *H12, Co. Wexford: one self-sown clump on waste ground, Wexford, T032222, P. R. Green, 2007.
- ©*Echinochloa crus-galli* 153/68.1. *H36, Tyrone: dump site 2km E of Gortin, H511854, I. McNeill, 2007.
- ‡*Lilium martagon* 158/12.1. *101, Kintyre: hedge beside road, Killdalloig area, NR755185, I. Teesdale & A. Stewart, 2003. Var. *album*. Has flowered for 4 years since discovery.
- ‡*Lilium pyrenaicum* 158/12.2. *H36, Tyrone: strongly established along roadside S of Beagh, H507618, I. McNeill, 2000.
- ‡*Polygonatum ×hybridum* (*P. multiflorum* × *odoratum*) 158/14.1×2. *©101, Kintyre: damp woodland, former grounds of Glenbarr Abbey, NR672364, J. Muscott, M. Clarkson & J. Murray, 2008, conf. I. Teesdale.
- ‡*Scilla bithynica* 158/19.bit. *62, N. E. Yorks.: well established and naturally regenerating on roadside bank, A170 in Brompton-by-Sawdon village, SE945822, W. A. Thompson, 2009.
- ©*Hyacinthus orientalis* 158/21.1. *39, Staffs.: two plants on waste ground, Cardinal Point Industrial Park, Fazeley, SK198032, R. D. Martin, 2009.
- ‡*Allium roseum* 158/24.3. *©57, Derbys.: Long Eaton, SK499327, C. & M. Smith, 2008.
- ‡*Allium triquetrum* 158/24.7. *55, Leics.: roadside, Sapcote, SP502930, G. Calow, 2007.

*©101, Kintyre: roadside, Beallachageachan Brae, NR672385, I. Teesdale & A. Stewart, 2004. Probable escape from nearby garden.

‡*Nectaroscordum siculum* 158/25.1. *55, Leics.: thriving clump in woodland ride, Ason Firs, SP453942, C. A. Stace, 2009.

‡*Leucojum vernum* 158/31.2. *89, E. Perth: in ornamental woodland, Kindrogan Field Centre, NO054628, M. C. Robinson, 2006. Recorded during BSBI Scottish Vice-County Recorder workshop and seen by several recorders.

‡*Narcissus poeticus* 158/33.3. *©89, E. Perth: shingle island in R. Tay, Kercock, NO143399, M. C. Robinson, 2006. *101, Kintyre: roadside verge, Gartnacopaig, NR628145, I. Teesdale & A. Stewart, 2007. Garden escape from abandoned farm house.

‡*Sisyrinchium montanum* 159/2.2. *67, S. Northumb.: Billy Mill, North Shields, NZ336693, A. & G. Young, 1995.

‡*Crocus vernus* × *tommasinianus* 159/8.1×2. *62, N. E. Yorks.: locally abundant in grassland under trees, Eston Cemetery, NZ546187, V. Jones, 2005, conf. V. Jones & W. A. Thompson in 2009, **herb. V. Jones**. Long-established with abundant natural regeneration.

‡*Crocus tommasinianus* 159/8.2. *©101, Kintyre: Killdalloig area, NR755183, I. Teesdale & A. Stewart, 2007. Garden escape.

‡*Crocus chrysanthus* × *biflorus* 159/8.6×bif. *62, N. E. Yorks.: grassland, York Cemetery, SE612507, V. Jones & W. A. Thompson, 2009, **herb. V. Jones**.

‡*Schizostylis coccinea* 159/SCH.coc. *101, Kintyre: beside forestry road, Feochaig, NR763134, I. Teesdale & A. Stewart, 2007. 100m from house - self sown or garden throw-out. Established.

