

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 first set of records up to and including the year 2006. Further records for this period will be published in the next issue of *Watsonia*.

Huperzia selago 1/1.1. 58, Cheshire: moorland, Shining Tor, SJ997745, D. Shaw, 2005. 1st record since 1900 (in same area).

Equisetum × **litorale** (**E. fluviatile** × **E. arvense**) 4/1.4×5. 10, Wight: in valley marsh, America Wood, Shanklin, SZ5682, P. J. Acock, 2006, **herb. P. J. Acock**. Seen on a field meeting of British Pteridological Society. 1st record since 1970.

Equisetum × **willmotii** (**E. fluviatile** × **E. telmateia**) 4/1.4×9. *10, Wight: roadside verge, Beacon Alley, Godshell, SZ5181, P. D. Stanley, 2005, det. P. J. Acock.

Equisetum × *font-queri* (*E. palustre* × *E. telmateia*) 4/1.8×9. *10, Wight: flushed coastal ledge, St Catherine's Point, SZ4975, P. D. Stanley, 2005, det. P. J. Acock, **herb. C. R. Pope**.

Adiantum capillus-veneris 7/3.1. *‡62, N. E. Yorks.: several colonies on N facing brick wall, rear of Brookfield Terrace, Whitby, NZ894105, V. Jones, 2003.

Polypodium × *mantoniae* (*P. vulgare* × *P. interjectum*) 11/1.1×2. *10, Wight: sunken laneside, Beacon Alley, Godshell, SZ5181, A. M. Paul, **BM**. Seen on a field meeting of British Pteridological Society. *12, N. Hants.: on bank of sunken lane, Wishanger, SU820384, S. Clark & A. R. G. Mundell 2003, det. R. J. Cooke, **HCMS, herb. A.R.G.M.**

‡*Onoclea sensibilis* 16/2.1. *67, S. Northumb.: Belsay Hall, NZ0878, J. L. Durkin, 2005.

Polystichum aculeatum 17/1.2. *10, Wight: plantation woodland, Brighstone Forest, SZ4284, P. D. Stanley, 2005, det. A. M. Paul, **herb. C. R. Pope**.

Dryopteris affinis subsp. *cambrensis* 17/3.3b. *62, N. E. Yorks.: woodland, Wood Head, Great Fryup Dale, NZ7003, K. Trewren, 1996.

Dryopteris × *deweveri* (*D. carthusiana* × *D. dilatata*) 17/3.8×9. 11, S. Hants.: ancient woodland, Spearywell Wood, Mottisfont, SU311279, Hampshire Flora Group, 2005, det. M. W. Rand. 1st record since 1970.

Dryopteris expansa 17/3.10. *62, N. E. Yorks.: one plant in coniferous woodland, Roppa Wood near Helmsley, SE590910, K. Trewren, 2005. Confirmed by chromosome count.

‡*Abies grandis* 20/1.2. *12, N. Hants.: Ecchinswell, SU56A, P. R. Brough, 1987.

‡*Cedrus atlantica* 20/6.2. *12, N. Hants.: BTCV site, Butcher's Copse, Micheldever, SU527383, M. W. Rand, 2003.

‡*Taxodium distichum* (L.) Rich 20A/TAX.dis. *12, N. Hants.: area between road and church, Nether Wallop, SU305365, V. Scott & P. Selby, 1997. Ø

‡*Nuphar advena* 26/2.3. *11, S. Hants.: pond, Swanwick NR, SU508100, D. R. Allan & J. A. Norton, 2004, det. E. J. Clement.

‡*Helleborus orientalis* 28/3.3. *12, N. Hants.: one clump on roadside, Upper Common, Ellisfield, SU632454, E. J. Clement & P. D. Stanley, 1997.

‡*Helleborus argutifolius* 28/3.arg. *12, N. Hants.: E bank of A34, South Wonston, Christmas Hill, SU459358, M. W. Rand, 2004, **HCMS, herb. A.R.G.M.**

‡*Aconitum* × *cammarum* (*A. napellus* × *A. variegatum*) 28/6.1×var. *62, N. E. Yorks.: edge of stream, Waytail Beck, Skinningrove, NZ712193, V. Jones, 2001.

‡*Consolida ajacis* 28/7.1. 113(S), Channel Is. (Sark): on mound of ?introduced soil, La Valette campsite, WV473763, R. M. Veall, 2006, **SARK**. 1st record for Sark since 1953.

©*Anemone blanda* 28/9.bla. *62, N. E. Yorks.: scattered plants in wasteland, near Cheshire Home, Marske, NZ634223, V. Jones, 2001.

‡*Clematis tangutica* 28/12.3. *58, Cheshire: dumped soil, Appleton, SJ659823, G. M. Kay, 2006, **herb. G.M.K.**

©*Clematis montana* 28/12.4. *62, N. E. Yorks.: self-seeding in wasteland, near station, Malton, SE786713, V. Jones & W. A. Thompson, 2006.

‡*Clematis viticella* 28/12.5. *10, Wight: well established in coastal scrub, Hamstead Duver, Newtown, SZ4191, H. Higgins, 2006, det. C. R. Pope, photograph C. R. Pope. Some distance from habitation.

Aquilegia vulgaris 28/16.1. 113(S), Channel Is. (Sark): non-flowering plant by roadside, outside garden of house (Port à la Jument), WV459761, R. M. Veall, 2006, **SARK**. 1st record for Sark since 1953.

‡*Berberis darwinii* 29/1.9. *58, Cheshire: ten self-sown plants in wood, Parkgate, SJ286791, R. F. Goodchild, 2000.

‡*Berberis verruculosa* 29/1.ver. *11, S. Hants.: one bird-sown bush on SW edge of Crooked Hays Copse, Marchwood, SU389101, P. A. Budd, 2005, conf. E. J. Clement, **herb. E. J. Clement**.

‡*Papaver atlanticum* 30/1.2. *©38, Warks.: well established and re-seeding on roadside, Oak Street, Rugby, SP503745, A. L. Primavesi, 2006, conf. J. W. Partridge, **WARMS**.

‡*Corydalis cheilanthisfolia* 31/2.3. *62, N. E. Yorks.: several plants in cracks in wall, Thirsk, SE427824, V. Jones & W. A. Thompson, 2006.

‡*Pseudofumaria alba* 31/3.2. *38, Warks.: one clump on wall in alley, Beaconsfield Street, Leamington Spa, SP321654, J. W. Partridge, 2005, conf. M. J. Senior, **WARMS**. Growing with *P. lutea*.

- †**Fumaria officinalis** 31/5.7. *58, Cheshire: disturbed verge, Over Winsford, SJ632654, J. H. Clarke, 2004, det. G. M. Kay.
- Fumaria densiflora** 31/5.8. 10, Wight, arable field edge, Bowcombe Down, SZ4687, P. D. Stanley, 2005, **herb. C. R. Pope**. 1st record since 1970.
- †**Fumaria vaillantii** 31/5.10. *11, S. Hants.: arable on chalk, Buckholt Farm, Broughton, SU280325, R. M. Veall, 2004, **herb. M. W. Rand**.
- Ulmus** ×? **elegantissima** (**U. glabra** × **U. plotii**) 33/1.1×4. *12, N. Hants.: in hedge along track, Coopers in the Wood Farm, St Mary Bourne, SU451511, R. P. Bowman, 1984, **HCMS**.
- ‡**Ficus carica** 35/2.1. *38, Warks.: one plant 3 metres tall established in stonework of bridge, The Dell, Leamington Spa, SP313660, J. W. Partridge, 2006, conf. J. R. Roberts. Spread by birds?
- Urtica dioica** subsp. **galeopsifolia** 36/1.1b. *58, Cheshire: Eastham, SJ38, J. A. Wheldon, 1901, det. D. V. Geltman, **LIV**. Originally determined as *Urtica dioica* var. *angustifolia*.
- ‡**Urtica membranacea** Poir. ex Savigny 36/1.mem. *38, Warks.: more than a hundred plants in pavement at base of walls, Swan Street, Warwick, SP281648, A. M. Boucher, 2006, conf. E. J. Clement, **WARMS**. Apparently 1st record for British Isles. Ø
- ‡**Juglans regia** 37/1.1. *58, Cheshire: hedgerow in field, Hurleston, SJ634554, Cheshire Recording Group, 2006, det. G. M. Kay. 1st record in wild location.
- ‡**Nothofagus alpina** 39/2.2. *12, N. Hants.: Blackmoor Estate, SW of Blackmoor Road, SU783323, A. R. G. Mundell, 2006, det. E. J. Clement, **HCMS**, **herb. A.R.G.M.** Presumably planted but in a 'wild' situation, surrounded by native species, on boundary of top-soil recycling centre.
- Alnus** × **hybrida** (**A. glutinosa** × **A. incana**) 40/2.1×2. *58, Cheshire: one small tree, with both parents, by pool, Pikelow Farm, Marton, SJ858689, G. M. Kay, 2006.
- ‡**Alnus viridis** (Chaix) DC 40/2.vir. *63, S. W. Yorks.: Shaftholme tip, Barnsley, SE5608, G. T. D. Wilmore, 2004. Ø
- ‡**Phytolacca polyandra** 41/1.pol. *63, S. W. Yorks.: verge, near Austerfield, SK6694, G. Coles, 2006, conf. E. J. Clement.
- ‡**Delosperma nubigenum** (Schlechter) L. Bolus 42/DEL.nub. *11, S. Hants.: footway verge, Petersfield, SU740232, C. Wain, 2005, conf. A. R. G. Mundell & M. W. Rand. Documentary photographs held by A. R. G. Mundell but no suitable voucher material surviving at 10 July 2005. Ø Apparently 1st record for British Isles.
- ‡**Chenopodium capitatum** 43/1.3. *17, Surrey: Barnes WWT Wetlands Centre, TQ230770, R. J. Bullock, 1997.
- †**Chenopodium glaucum** 43/1.5. ®©39, Staffs.: two plants on soil-covered bank near massive road works, Stoke, SJ880451, I. J. Hopkins, 2006. *©80, Roxburghs.: shoreline, Barons Folly Loch, NT640264, L. W. Gaskell, 2006, det. J. R. Akeroyd, **E**, **herb. R.W.M.C.** With *Chenopodium rubrum*.
- †**Chenopodium polyspermum** 43/1.8. ©81, Berwicks.: two plants in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite, 2006. 1st record since 1873.
- ©**Chenopodium urbicum** 43/1.11. *12, N. Hants.: Silchester area, SU66, R. S. Hill, 1836. GR implied.
- ‡**Chenopodium probstii** 43/1.prb. *©81, Berwicks.: one plant in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite, 2006.
- ©**Chenopodium quinoa** Willd. 43/1.qui. *63, S. W. Yorks.: road verge, near Brodsworth SE5108, G. T. D. Wilmore, 2006. Ø
- ‡**Atriplex** × **gustafssoniana** (**A. prostrata** × **A. longipes**) 43/3.2×4. *©38, Warks.: one plant in park, Jepson Gardens, Leamington Spa, SP323657, J. W. Partridge, 2005, conf. J. K. Akeroyd, **WARMS**. From bird seed?
- Atriplex littoralis** 43/3.6. *©38, Warks.: roadside, A47 Washwood Heath, Birmingham, SP096888, J. W. Partridge, 2006, conf. M. W. Poulton, **WARMS**. Birmingham and the Black Country Recording Scheme.
- Salicornia ramosissima** 43/6.2. *108, W. Sutherland: saltmarsh, Port Chamuill, Loch Eriboll, NC4361, P. A. & I. M. Evans, 2006, det. I. K. Ferguson.
- ‡**Amaranthus retroflexus** 44/1.1. *©81, Berwicks.: three hundred plants in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite & W. D. Gill, 2006.
- ‡**Amaranthus cruentus** 44/1.3. *12, N. Hants.: railway sidings, Alton area, SU7239, V. Leather, 1959, det. M. McCallum-Webster [Nominal GR] as *A. hybridus* L. subsp. *cruentus*.

- ‡**Amaranthus bouchonii** 44/1.4. *©39, Staffs.: garden, Wombourne, SO872924, C. B. Westall, 2006. Bird seed alien.
- ©**Amaranthus blitoides** 44/1.bl. *38, Warks.: garden, St Andrew's Road, Leamington Spa, SP325683, P. Davies, 2005, det. J. W. Partridge, conf. J. L. Mason, **WARMS**. From bird seed.
- Herniaria glabra** 46/13.1. ©39, Staffs.: waste ground, in an area of demolished housing, near Seven Arches, Stoke, SJ881453, I. J. Hopkins, 2004.
- Illecebrum verticillatum** 46/14.1. ©11, S. Hants.: forestry track on sand, Avon Common Peat, SZ135984, SZ135988, R. M. Walls, 2004. *12, N. Hants.: on wet sandy tracks, east of Long Valley, SU842522, C. R. Hall, 2005, conf. A. R. G. Mundell, **HCM**. SSU84285225 to SU84115217 also SU84005227 to SU83875246. Though not continuous certainly several hundreds.
- Polycarpon tetraphyllum** 46/15.1. *©39, Staffs.: abundant on garden patio, Wombourne, SO872924, C. B. Westall, 2006. Origin unknown.
- ‡**Lychnis chalconica** 46/18.cha. *©63, S. W. Yorks.: Maltby Far Common, SK5591, G. T. D. Wilmore, 2006. ©83, Midlothian: rough grass by wall of walled garden, Commo Country Park, Edinburgh, NT177746, D. R. McKean, 2005. 1st record since 1970.
- ‡**Silene armeria** 46/20.7. *10, Wight: roadside pavement crack, Newport, SZ4988, B. Shepard, 2006, det. C. R. Pope.
- ‡**Persicaria capitata** 47/1.cap. *12, N. Hants.: growing from pavement crack at the end of Conifer Close, Church Crookham, SU810520, C. R. Hall & A. R. G. Mundell, 2005, det. J. R. Akeroyd. *83, Midlothian: about a dozen plants, some flowering, in gutter and pavement, Warriston Gardens, Edinburgh, NT248756, D. R. McKean, 2006, E.
- ‡**Fallopia** × **bohemica** (**F. japonica** × **F. sachalinensis**) 47/5.1×2. *10, Wight: roadside verge, Sandown, SZ5984, P. R. Green, 2005.
- Rumex acetosella** subsp. **pyrenaicus** 47/8.1b. *12, N. Hants.: on small spoil heap, S of Easton, Larkwhistle Farm, SU515301, R. M. Veall, 2003. Recorded at species level only in VCCC.
- Rumex** × **propinquus** (**R. longifolius** × **R. crispus**) 47/8.8×13. ©81, Berwicks.: trackside near Hen Toe Bridge, NT754603, M. E. Braithwaite, 2006. 1st localised record and 1st since before 1970.
- ‡**Rumex cristatus** 47/8.11. *23, Oxon: two good plants in field, N of Thame Lane, Culham, SU517958, H. J. Killick, 2006, conf. J. R. Akeroyd, **OXF**.
- ‡**Rumex patientia** 47/8.12. ©64, Mid-W. Yorks.: spreading for c.20 m along top of riverbank, Allerton Bywater, SE410280, Bradford Botany Group, 2006.
- Rumex** × **ruhmeri** (**R. conglomeratus** × **R. sanguineus**) 47/8.14×15. *11, S. Hants.: disturbed ground, Priestlands School, Lymington, SZ315951, M. W. Rowe, 2004, det. J. R. Akeroyd.
- ‡**Hypericum hircinum** 51/1.4. *12, N. Hants.: one mature plant with tiny seedling beside it, Noar Hill HWT reserve, SU741318, A. R. G. Mundell, 2002, **HCMS**. First found here by S. Clark. *39, Staffs.: large bush on abandoned railway near Penkridge, SJ919130, I. J. Hopkins, 2006.
- ‡**Malva alcea** 53/1.2. *12, N. Hants.: one large plant, Morn Hill, Winchester, SU517292, P. Budd, 2003. *38, Warks.: path between houses, Court Farm Road, Erdington, Birmingham, SP100927, M. W. Poulton, 2006, conf. J. W. Partridge, **WARMS**. Birmingham and the Black Country Recording Scheme.
- ‡**Lavatera arborea** 53/2.1. 67, S. Northumb.: derelict caravan park, South Beach, Blyth, NZ3179, A. & G. Young, 2005. 1st record since 1970.
- ‡**Lavatera cretica** 53/2.2. *11, S. Hants.: grassy verge near Cleveland Road, Gosport, SZ607994, D. R. Allan, E. J. Clement & J. A. Norton 2004, det. E. J. Clement, **herb. M. W. Rand**.
- Viola** × **bavarica** (**V. riviniana** × **V. reichenbachiana**) 57/1.4×5. *11, S. Hants.: woodland edge, Sladford Copse, SU516211, M. W. Rand, 2006. Confirmed microscopically from pollen; male sterile. ©64, Mid-W. Yorks.: woodland, Grass Wood, Grassington, SD992649, Bradford Botany Group, 2006, det. P. P. Abbott.
- Viola** × **intersita** (**V. riviniana** × **V. canina**) 57/1.4×6. *12, N. Hants.: Chilbolton / West Down area, SU33Z, A. B. M. Brewis, 1972, **HCMS**. Still present there in 2002.

Viola canina × **lactea** 57/1.6×7. *12, N. Hants.: Fleet Pond, SU85H, H. C. Watson, 1875, conf. F. Townsend. Recorded in Townsend as 'Hybrid. *V. intermedia*' with text 'Mr Watson kindly sent me in 1876 an interesting series of specimens, gathered in 1875 at Fleet Pond, which show that in leaf character *V. lactea* approaches *V. canina* through his *V. intermedia*.....'.

Viola × **contempta** (**V. tricolor** × **V. arvensis**) 57/1.12×13. *93, N. Aberdeen: track by arable field, Tullo, NJ807308, I. P. Green, 2006.

‡**Salix** × **rubens** (**S. fragilis** × **S. alba**) 61/2.2×3. 113(S), Channel Is. (Sark): wet ground near stream, Harbour Hill, WV473757, R. M. Veall, 2006, **SARK**. 1st record for Sark since 1957. (Specimen in **SARK** from 1957 labelled *S. fragilis* but re-determined as *S. × rubens* by R. D. Meikle).

Salix × **holosericea** (**S. viminalis** × **S. cinerea**) 61/2.9×11. *93, N. Aberdeen: hedgerow, Newburgh, NJ997260, D. Welch, 2006, det. R. D. Meikle, **herb. D. Welch**.

Salix × **strepida** (**S. cinerea** × **S. myrsinifolia**) 61/2.11×14. *81, Berwicks.: several bushes, with both parents, on rocky islets in river, Whiteadder Water below Wild Wood, NT772604, M. E. Braithwaite, 2006, det. R. D. Meikle.

‡**Sisymbrium altissimum** 62/1.5. 65, N. W. Yorks.: landfill in silage field, West Burton, Bishopdale, SE014877, C. Helm & D. Millward, 2006. Growing with other aliens. 1st record since 1970.

‡**Barbarea intermedia** 62/11.3. *108, W. Sutherland: top of soil bank above new sea defences, road to cemetery, Scourie, NC149446, I. M. Evans, 2006.

Rorippa × **armoracioides** (**R. sylvestris** × **R. austriaca**) 62/12.5×7. *38, Warks.: small clump in field ditch, Clifton, Rugby, SP529760, J. W. Partridge & A. L. Primavesi, 2005, det. T. C. G. Rich, **WARMS**. Neither parent present.

‡**Cardamine corymbosa** 62/14.cor. *10, Wight: garden centre, Ventnor Botanic Gardens, SZ5476, P. D. Stanley, 2004, det. E. J. Clement.

‡**Arabis turrita** 62/15.3. *83, Midlothian: basalt cliffs, Salisbury Crag, Edinburgh, NT27, J. Hope, 1765. Record from Woodforde's Flora 1824.

‡**Arabis caucasica** 62/15.5. *12, N. Hants.: wall and verge of road, Wishanger, SU831388, D. L. Brookman & A. R. G. Mundell, 2003.

Cochlearia danica 62/23.5. *‡80, Roxburghs.: a few small colonies on edge of A7 near turning to Appletreehall, N. of Hawick, NT509175, M. E. Braithwaite, 2006, **herb. R.W.M.C.**

‡**Coronopus didymus** 62/31.2. *107, E. Sutherland: deciduous woodland, next to W Drummuie Plant Nursery, Golspie, NC833002, P. Eaglesfield, 2006, det. M. E. Murray.

©**Diploxys tenuifolia** 62/33.1. 10, Wight: waste ground, Bembridge Fort, SZ6288, C. Lipscombe, 2005, **herb. C. R. Pope**. 1st record since 1970.

‡**Diploxys muralis** 62/33.2. 113(S), Channel Is. (Sark): seven plants on stony ground between paving stones, La Clôture de Bas, WV458736, S. Syknott, 2006, **SARK**. 1st record for Sark.

‡**Diploxys eruroides** 62/33.eru. 10, Wight: bare ground above coastal revetment, Lake beach, SZ5983, V. Barnett, 2006, det. E. J. Clement, **herb. C. R. Pope**. 1st record since 1970.

©**Brassica napus** subsp. **rapifera** 62/34.2b. *62, N. E. Yorks.: field edge, Riccal Dale, SE622862, V. Jones, 2001.

©**Brassica carinata** 62/34.car. *12, N. Hants.: Meon Hill, SU345359, T. D. Dines, E. Hammler & R. M. Walls, 1997. Voucher taken [location not specified].

©**Raphanus sativus** 62/42.sat. *12, N. Hants.: Cowdown Farm, Andover, SU381432, B. & J. Goater, 1999.

‡**Reseda alba** 63/1.2. *12, N. Hants.: Noar Hill, Selborne, SU741318, S. M. Povey, 1983. Not seen since mid-80s.

©**Reseda odorata** 63/1.odo. *63, S. W. Yorks.: Heeley, Sheffield, SK3484, K. Balkow & G. T. D. Wilmore, 2003.

Daboecia cantabrica 65/6.1. *‡62, N. E. Yorks.: two plants among *Calluna* at edge of moorland track, Rollgate Bank, N of Helmsley, SE633908, H. Burrow & J. Gibson, 2005, det. T. F. Medd, **herb. V. Jones**.

Pyrola rotundifolia subsp. **maritima** 66/1.3b. *17, Surrey: patch c 3m across with 30 flowering spikes, under birch, Riddlesdown Chalkpit, TQ337594, M. Jennings, J. McLauchlin & A. Scott, 1999. Considered native here. *58, Cheshire: moist sandy meadow, Moore Reserve, SJ592860, M. Mulholland, 2004, det. G. M. Kay.

‡*Cyclamen hederifolium* 69/3.1. *62, N. E. Yorks.: abundant, long-established on grassland under trees, by lane side, Chapelgarth, near Great Broughton, NZ559067, V. Jones, 2000... **113(S)**, Channel Is. (Sark): roadside hedgebank, Rue Hotton, WV470760, R. M. Veall, 2006, **SARK**. 1st published record for Sark.

‡*Cyclamen coum* 69/3.2. *12, N. Hants.: plentiful in churchyard, escaping on to adjacent roadside bank, Winchfield churchyard, SU767536, A. R. G. Mundell *et al*, 2004, **HCMS**, **herb. A.R.G.M.** *62, N. E. Yorks.: long-established on grassland under trees, by lane side, Chapelgarth, near Great Broughton, NZ560067, V. Jones, 2000.

‡*Cyclamen repandum* 69/3.rep. *12, N. Hants.: Conde Way, Bordon, SU796346, P. Budd, 2003.

Lysimachia thyrsoflora 69/4.7. *‡60, W. Lancs.: fen, Marton Mere, Blackpool, SD3435, J. Steeden, 2006. Known for 3-4 years. Natural spread?

†*Anagallis arvensis* subsp. *foemina* 69/6.2b. ©11, S. Hants.: disturbed ground, near balancing pond, Green Close, Fair Oak, SU484182, P. A. Budd, 2004, det. E. J. Clement. 1st record since 1970.

Crassula tillaea 73/1.1. *‡93, N. Aberdeen: trampled soil by sheds, W of hall, Leith Hall, NJ540297, S. D. S. Bosanquet & C. D. Preston, 2006.

‡*Astilbe japonica* 74/1.1. *64, Mid-W. Yorks.: large patch at top of roadside ditch, altitude 398m, in remote area, Greenhow, SE118631, P. P. Abbott & N. Vernon, 2006.

‡*Tellima grandiflora* 74/8.1. *68, N. Northumb.: quarry, Earle, NT9826, F. M. Aungier, Q. J. Groom & P. Johnson, 2006, **herb. G. A. Swan**. Also at NT995536, Berwick, P. Johnson 2006.

‡*Sorbaria tomentosa* 75/1.2. *38, Warks.: non-flowering plants on walls on both sides of road, Oak Street, Rugby, SP503745, J. W. Partridge & A. L. Primavesi, 2005, conf. E. J. Clement, **WARMS**. Flowering in nearby garden.

‡*Spiraea salicifolia* 75/3.1. *81, Berwicks.: suckering patch by River Tweed above Coldstream Bridge, NT847400, M. E. Braithwaite, 2006.

‡*Kerria japonica* 75/7.1. *©81, Berwicks.: one plant by River Tweed, below Ladykirk House, NT887455, M. E. Braithwaite, 2006. *Flore pleno*.

‡*Rubus tricolor* 75/8.2. *10, Wight: bankside stream, Bow Bridge, Freshwater, SZ3487, G. N. Toone, 2006, det. E. J. Clement, **herb. G. N. Toone**. Well established but probably originally planted.

‡*Rubus phoenicolasius* 75/8.8. *11, S. Hants.: woodland edge, Portland Coppice, Purbrook, SU656082, I. Thirlwell, 2005, conf. E. J. Clement.

[*Rubus incurvatus* 75/8.106. 12, N. Hants.: delete record in *Watsonia* 26: 184 (2006). Error for a hybrid of *R. ulmifolius*, det. D. E. Allen.]

Rubus ulmifolius × *R. vestitus* 75/8.142×163. *38, Warks.: roadside, Hampton-in-Arden, SP207808, S. M. Apted, 1987, det. A. Newton, **WARMS**. Ø *39, Staffs.: Napley, SJ7038, D. P. & J. Earl, 2006.

Rubus griffithianus 75/8.185. *11, S. Hants.: heavy scrub, Ampfield Wood, SU409244, D. E. Allen, 2001, conf. A. Newton, **BM**. *12, N. Hants.: hedge of lane, one-time Froxfield Common, near Selborne, SU7028, D. E. Allen & B. Goater, 2003, conf. A. Newton, **BM**, **HCMS**.

Rubus longithysiger 75/8.242. *39, Staffs.: trackside scrub, Coldridge Wood, SO800821, R. Maskew & A. Newton, 2000.

Rubus hylocharis 75/8.270. 38, Warks.: Hay Wood, Wroxhall, SP206708, M. M. Burgoine, 1989, det. A. Newton, **WARMS**. 1st record since 1879.

Rubus angloserpens 75/8.295. *39, Staffs.: Arley, SO7679, D. P. & J. Earl, 2006.

Rubus hylonomus 75/8.296. *12, N. Hants.: Chawton Park Wood, Four Marks, SU673363, D. E. Allen, 2006, conf. A. Newton, **BM**, **HCMS**, **NMW**.

Rubus cerdicii D. E. Allen 75/8.cer. *12, N. Hants.: open scrub, St. Giles's Hill, Winchester, SU489292, D. E. Allen, 2005, **HCMS**. Ø

©*Potentilla inclinata* 75/9.6. *12, N. Hants.: pavement weed, Longstock Nurseries, SU368387, B. Goater & M. W. Rand, 2006. Also pot weed at SU367389.

‡*Potentilla eriocarpa* Wall. ex Lehm. 75/9.eri. *63, S. W. Yorks.: Wrose, Bradford, SE157372, B. K. Byrne & B. A. Tregale, 2006. Ø

Alchemilla filicaulis subsp. *filicaulis* 75/19.10a. *62, N. E. Yorks.: limestone grassland, Murton Bank, Hawby, SE538884, V. Jones, 2002.

Rosa spinosissima 75/21.5. *‡12, N. Hants.: West Down, Chilbolton, SU3838, V. Scott & P. Selby, 1998.

‡*Rosa ferruginea* 75/21.8. *38, Warks.: single plant in fruit on derelict building site off Wood Street, Dudley, SP505760, J. W. Partridge, 2006, conf. A. L. Primavesi, **WARMS**.

‡*Rosa virginiana* 75/21.9. *12, N. Hants.: Dummer old orchard, SU585458, P. Budd, 2002.

Rosa × *toddiae* (*R. canina* × *R. micrantha*) 75/21.12×19. *10, Wight: hedgerow, Chale Green, SZ4779, P. D. Stanley, 2006, det. R. Maskew. 38, Warks.: hedgerow, Astley Hall Farm, Bedworth, SP326867, J. W. Partridge & B. Proctor, 2005, det. R. Maskew & A. L. Primavesi, **WARMS**. 1st record since 1887.

Rosa × *bishopii* (*R. micrantha* × *R. agrestis*) 75/21.19×20. *12, N. Hants.: with several bushes that are clearly *R. agrestis* nearby, Isle of Wight Hill, Porton Ranges, SU253374, P. D. Stanley *et al.*, 2005, det. R. Maskew, **HCMS**.

Rosa agrestis × *R. canina* 75/21.20×12. *12, N. Hants.: near 'Horseshoe Pit', Noar Hill, Selborne, SU740318, P. Budd, 1997, det. R. Maskew, **HCMS**. Originally recorded as *R. agrestis* but a specimen from the bush was determined as this hybrid by R. Maskew. Ø

‡*Prunus persica* 75/22.1. *39, Staffs.: waste ground on trading estate, Kingswinford, SO898894, C. B. Westall, 2005. Presumably from a discarded fruit stone.

‡*Prunus serotina* 75/22.12. *63, S. W. Yorks.: Bolton Lane, Bradford, SE164350, B. A. Tregale, 2006.

‡*Cotoneaster salicifolius* 75/32.10. *62, N. E. Yorks.: several bird-sown plants in old coal bunkers near station, Great Ayton, NZ573108, V. Jones, 2004.

‡*Cotoneaster* × *suecicus* (*C. dammeri* × *C. conspicuus*) 75/32.11×18. *62, N. E. Yorks.: one bird-sown plant in wasteland, Warrenby, NZ585251, V. Jones, 2003, conf. W. A. Thompson.

‡*Cotoneaster lacteus* 75/32.13. *39, Staffs.: verge on central reservation of ring road, Wolverhampton, SO918985, C. B. Westall, 2006. Not planted.

‡*Cotoneaster conspicuus* 75/32.18. *38, Warks.: limestone quarry, Bishop's Itchington, SP393584, J. W. Partridge, 2005, conf. J. Fryer, **WARMS**. *62, N. E. Yorks.: woodland, by Hodge Beck, Cockayne, Bransdale, SE622985, V. Jones, 2004, conf. J. Fryer, **herb. V. Jones**.

‡*Cotoneaster divaricatus* 75/32.26. *62, N. E. Yorks.: one bird-sown plant by edge of footpath, Ormesby, NZ533166, V. Jones & W. A. Thompson, 2006.

‡*Cotoneaster bullatus* 75/32.34. *38, Warks.: tall shrub in limestone quarry, Bishop's Itchington, SP393584, J. W. Partridge, 2005, conf. J. Fryer, **WARMS**. *62, N. E. Yorks.: one bird-sown plant on top of wall, Pickering, SE799827, V. Jones & W. A. Thompson, 2005.

‡*Cotoneaster rehderi* 75/32.35. *62, N. E. Yorks.: grassland, Beck Dale, Helmsley, SE607843, V. Jones, 1996.

‡*Cotoneaster splendens* 75/32.38. *63, S. W. Yorks.: Bolling Road, Bradford, SE169317, B. A. Tregale, 2006, det. J. Fryer.

‡*Cotoneaster franchetii* 75/32.39. *62, N. E. Yorks.: one bird-sown plant on top of wall, Pickering, SE799827, V. Jones & W. A. Thompson, 2005.

‡×*Crataepilus grandiflora* (*Mespilus germanica* × *Crataegus laevigata*) 75/34×35.1×8. *38, Warks.: established in ditch in urban recreation ground, Short Heath Park, Birmingham, SP100923, J. W. Partridge & M. W. Poulton, 2006, conf. S. J. Falk, **WARMS**. No planted trees near.

‡*Crataegus heterophylla* 75/35.9. *12, N. Hants.: Fyfield, Littleton Farm, SU289475, M. Wildish, 1997.

©*Stephanandra incisa* (Thunb.) Zabel 75/STE.inc. *©63, S. W. Yorks.: Forster Square, Bradford SE164335, B. A. Tregale, 1995, det. E. J. Clement. Ø

Lotus angustissimus 77/8.5. *‡10, Wight: set aside land, Presford Farm, Shorwell, SZ4682, G. N. Toone, 2005, det. F. J. Rumsey, **herb. C. R. Pope**.

‡*Lathyrus rotundifolius* Willd. 77/15.rot. *12, N. Hants.: established in hedge outside Fawknars Cottage, Axford, SU610429, B. & J. Goater, 2002. Ø

Ononis × *pseudohircina* (*O. spinosa* × *O. repens*) 77/16.3×4. *12, N. Hants.: on chalky hummocks in alluvial pasture, Bransbury Common, SU416417, R. P. Bowman, 1988, **HCMS**.

‡*Melilotus albus* 77/17.2. ©81, Berwicks.: twenty plants in game strip near Broomdykes, NT886540, M. E. Braithwaite, 2006. 1st record since 1956.

‡*Melilotus officinalis* 77/17.3. ©81, Berwicks.: six plants in game strip near Broomdykes, NT886540, M. E. Braithwaite, 2006. 1st record since 1962.

Medicago sativa subsp. *varia* 77/18.2b. *©81, Berwicks.: one plant on wall top, Upsettlington, NT886484, M. E. Braithwaite, 2006.

Genista pilosa 77/25.3. *©63, S. W. Yorks.: Wheatley, Doncaster, SE5904, L. A. Hill, 2006.

©**Glycine max** 77/GLC.max. *58, Cheshire: five plants in disturbed ground, Bidston Dock, SJ298909, R. F. Goodchild, 2003.

©**Pisum sativum** 77/PIS.sat. *63, S. W. Yorks.: Trafalgar St, Bradford, SE161337, B. A. Tregale, 2006.

©**Trigonella foenum-graecum** 77/TRI.foe. *38, Warks.: one plant in car park, Leamington Spa, SP309656, K. Davies, 1986, det. J. W. Partridge, WARMS. From bird seed?

‡**Eucalyptus gunnii** 83/2.gun. *63, S. W. Yorks.: regenerating seedling, Bawtry Plantation SK6294, G. Coles, 2006.

Epilobium × **erroneum** (**E. hirsutum** × **E. montanum**) 84/1.1×3. *62, N. E. Yorks.: waste field, Skelton, NZ62P, V. Jones, 2001, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **brevipilum** (**E. hirsutum** × **E. tetragonum**) 84/1.1×5 *62, N. E. Yorks.: waste field, Skelton, NZ62P, V. Jones, 2001, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **novae-civitatis** (**Epilobium hirsutum** × **E. ciliatum**) 84/1.1×8. *39, Staffs.: two plants in roadside paving, E of Pheasey, SP075954, E. V. J. Cohn, M. W. Poulton & I. C. Trueman, 2006.

Epilobium × **limosum** (**E. parviflorum** × **E. montanum**) 84/1.2×3. *62, N. E. Yorks.: old railway, Robin Hood's Bay, NZ964023, V. Jones & W. A. Thompson, 2005, **herb. V. Jones**.

Epilobium × **dacicum** (**E. parviflorum** × **E. obscurum**) 84/1.2×6. *62, N. E. Yorks.: chalk field, near Stonegrave, SE 656784, V. Jones, 2003, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **floridulum** (**E. parviflorum** × **E. ciliatum**) 84/1.2×8. *12, N. Hants.: beside heap of old straw near small spoil heap, S of Easton, Larkwhistle Farm, SU515301, R. M. Veall, 2003. *62, N. E. Yorks.: floor of old quarry, Ash Dale, Helmsley, SE68C, V. Jones, 2001, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **haussknechtianum** (**E. montanum** × **E. tetragonum**) 84/1.3×5. *62, N. E. Yorks.: waste field, Skelton, NZ62P, V. Jones, 2001, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **aggregatum** (**E. montanum** × **E. obscurum**) 84/1.3×6 *62, N. E. Yorks.: garden weed, Robin Hood's Bay, NZ951055, V. Jones & W. A. Thompson, 2005, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium lanceolatum 84/1.4. 10, Wight: garden, Shanklin, SZ5881, V. Barnett, 2006, det. E. J. Clement, **herb. C. R. Pope**. Long established in this garden. 1st record since 1970.

Epilobium × **mentiens** (**E. tetragonum** × **E. ciliatum**) 84/1.5×8. *62, N. E. Yorks.: garden weed, Botanic Centre, Acklam, Middlesbrough, NZ 495156, V. Jones, 2005, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium × **vicinum** (**E. obscurum** × **E. ciliatum**) 84/1.6×8. *62, N. E. Yorks.: garden weed, Ingleby Greenhow, NZ581064, V. Jones, 2004, conf. G. D. Kitchener, **herb. V. Jones**.

Epilobium roseum 84/1.7. *68, N. Northumb.: Gainslow Circuit, Whiteadder, NT955553, M. E. Braithwaite, 2003.

‡**Oenothera biennis** 84/4.3. 68, N. Northumb.: Holy Island, NU14SW, A. & G. Young, 2005. 1st record since 1970.

‡**Cornus mas** 85/1.4. *62, N. E. Yorks.: a few trees in woodland by R. Esk, Lealholm, NZ762076, V. Jones, 1993.

‡**Griselinia littoralis** 85/3.1. *12, N. Hants.: beside track, Alresford, SU588331, A. R. G. Mundell *et al.*, 2003.

‡**Euphorbia maculata** 91/2.2. *12, N. Hants.: a common weed in the larger pots of olive trees etc, Longstock Park Nursery, SU367388, B. Goater & A. R. G. Mundell, 2006, det. E. J. Clement, **HCMS, herb. A.R.G.M.** Prostrate growth with leaves sometimes spotted and sometimes not. The sheet contains two specimens, the larger one det. by E. J. Clement as *E. maculata*, but the smaller one from another pot, det. E. J. Clement, November 2006 as 'suggestive of *Euphorbia thymifolia*'.

‡**Euphorbia lathyris** 91/2.9. ‡81, Berwicks.: good colony at foot of town wall, Coldstream, NT844399, M. E. & P. F. Braithwaite, 2006. 1st record since 1951.

Euphorbia paralias 91/2.13. *75, Aysr.: on sand dune, Stevenston Beach Local Nature Reserve, NS263409, C. Sharpe, 2005, conf. D. A. Lang. 1st record for v.c. spotted by Local Authority Outreach Ranger and confirmed by site visit by vice-county recorder and Scottish Wildlife Trust. Photograph with vice-county recorder.

‡**Euphorbia** × **pseudoesula** (**E. esula** × **E. cyparissias**) 91/2.14×15. *12, N. Hants.: well-established patch c.7 x 5 metres at Hollybush Hill in grassland capping former tip, Hollybush Park, Blackwater Valley, SU8852, C. R. Hall, 2004. GR inferred.

©**Euphorbia esula** × **E. boissieriana** 91/2.14×boi. *38, Warks.: railway sidings, Small Heath, Birmingham, SP095872, J. W. Partridge, 1989, det. A. Radcliffe-Smith, **WARMS**. *E. boissieriana* not present. Ø Apparently 1st and only record for British Isles.

‡**Euphorbia amygdaloides** subsp. **robbiae** 91/2.16b. *58, Cheshire: old railway, Parkgate, SJ280788, R. F. Goodchild, 2003.

‡**Euphorbia oblongata** 91/2.obl. *12, N. Hants.: in ballast, Longstock Nurseries, SU367389, B. Goater & M. W. Rand, 2006.

Rhamnus cathartica 92/1.1. ‡83, Midlothian: overgrown hedge, by steps above Duddingston Loch, NT284725, J. Muscott, 2005, conf. M. Gardener & D. R. McKean. Specimen in E from a hedge in this locality in 1834! 1st record since 1970.

‡**Parthenocissus inserta** 93/2.2. *12, N. Hants.: dozens of young plants running across ground beneath a pine tree beside Shoe Lane, Watts Common, Farnborough, SU862529, A. R. G. Mundell, 2002. *63, S. W. Yorks.: Dowley Gap Bridge, Bingley SE121383, B. A. Tregale & G. T. D. Wilmore, 2006.

‡**Linum perenne** 94/1.3. *12, N. Hants.: Hares Farm, Hartley Wintney, SU7657, H. J. M. Bowen, 1988.

‡**Ailanthus altissima** 101/1.1. *38, Warks.: self-sown in garage forecourt, Regent Place, Leamington Spa, SP320653, J. W. Partridge, 2005, conf. S. J. Falk, **WARMS**. Trees planted in Leamington Spa since 1973.

‡**Ruta graveolens** L. 101A/RUT.gra. *12, N. Hants.: in Woolmer Trading Estate, Bordon, SU7836, A. B. M. Brewis, 1997. Ø

‡**Oxalis dillenii** 102/1.5. *17, Surrey: at bottom of brick wall behind a wayside border, Ham House, Richmond, TQ1773, E. Norman, 2006. Seeds with white spot.

‡**Geranium** × **magnificum** (**G. ibericum** × **G. platypetalum**) 103/1.13×pla. *38, Warks.: large, well established clump on soil dump from quarry, Griff Hollow, Nuneaton, SP361893, J. W. Partridge & B. Proctor, 2005, conf. M. J. Senior, **WARMS**.

‡**Geranium potentilloides** L'Her.ex D.C. 103/1.pot. *12, N. Hants.: near station, Bordon (N) area, Whitehill, SU73Y, A. B. M. Brewis & F. Rose, 1972, **HCMS**. GR inferred. Ø

Erodium maritimum 103/2.1. *©12, N. Hants.: Headley, SU83, F. Davidson, 1922. In Rayner's 1929 supplement to Townsend's Flora.

†**Erodium moschatum** 103/2.2. 60, W. Lancs.: central reservation of A6, Preston, SD552288, P. Jepson, 2006. 1st record since 1931.

©**Erodium brachycarpum** 103/2.bra. *12, N. Hants.: in raspberry crop manured with shoddy, Blackmoor Estate, Blackmoor, SU7732, S. R. Davey, 1972, det. A. B. M. Brewis, **HCMS**. Recorded as *Erodium obtusifolium*.

‡**Limnanthes douglasii** 103A/LIM.dou. *12, N. Hants.: Magdalen Hill Down, SU514291, P. Budd, 1999.

©**Tropaeolum majus** 104/1.maj. *65, N. W. Yorks.: landfill in silage field, West Burton, Bishopdale, SE014877, C. Helm & D. Millward, 2006. Growing with other aliens.

‡**Hydrocotyle ranunculoides** 107/1.ran. *©38, Warks.: in man-made pond, Wixford, Alcester, SP086545, N. Walker, 2005, conf. S. J. Whild.

©**Coriandrum sativum** 107/9.1. *12, N. Hants.: Nuthanger Farm, SU496584, E. A. Burrows, 1955.

[**Apium nodiflorum** × **A. repens** 107/28.2×3. 38, Warks. No trace of this in records or herbarium. Possible confusion with *Apium* × *moorei*. Delete.]

Apium × **moorei** (**A. nodiflorum** × **A. inundatum**) 107/28.2×4. *38, Warks.: salty pool, Flecknoe, SP500643, J. R. Sharpe, 1964, det. R. D. Meikle, **WARMS**.

‡**Ferula communis** 107/FER.com. *©63, S. W. Yorks.: Catcliffe, Sheffield, SK4389, E. Ellis, 2006, conf. G. T. D. Wilmore.

‡**Physalis alkekengi** 110/6.1. *38, Warks.: on wall, path between houses, Chattack Close, Hodge Hill, Birmingham, SP130891, J. W. Partridge, 2006, conf. M. W. Poulton, **WARMS**. Birmingham and the Black Country Recording Scheme.

‡**Solanum nigrum** subsp. **schultesii** 110/8.1b. *12, N. Hants.: in pots mostly of imported trees, Longstock Nurseries, SU368387, B. Goater & M. W. Rand, 2006.

‡*Solanum tuberosum* 110/8.7. *68, N. Northumb.: near Tiptoe, NT913415, F. M. Aungier & C. Kanefsky, 2003.

©*Solanum rostratum* 110/8.ros. *60, W. Lancs.: tow path, Lancaster Canal, Lancaster, SD481668, J. H. Clarke, 2006, det. E. J. Clement. *65, N. W. Yorks.: landfill in silage field, West Burton, Bishopdale, SE014877, C. Helm & D. Millward, 2006. Growing with other aliens.

‡*Datura ferox* 110/9.fer. ©11, S. Hants.: barrier bank of imported earth, Gilkicker, Gosport, SZ601982, D. R. Allan & J. A. Norton, 2004, det. E. J. Clement. 1st record since 1970.

©*Petunia* × *hybrida* (*P. axillaris* × *P. integrifolia*) 110/PET.axi×int. *12, N. Hants.: on dumped soil by new cycle path on north side of road, A327 Hornley Common, SU827576, P. Budd, 2003.

‡*Calystegia silvatica* subsp. *disjuncta* Brummitt 111/3.4b. *12, N. Hants.: Shipton Bellinger, SU236457, P. Billinghurst, 2002. Ø

Polemonium caeruleum 114/1.1. *©12, N. Hants.: Ashford Hill / Haughurst Hill area, SU5662, V. Field 1979. GR inferred.

‡*Phlox paniculata* 114/PHL.pan. *©63, S. W. Yorks.: roadside verge, Edlington, SK5495, G. Coles, E. Ellis & G. T. D. Wilmore, 2006.

‡*Echium pininana* 116/2.4. *58, Cheshire: twenty plants on waste heaps and surrounding area, Ness Gardens, SJ302755, R. F. Goodchild, 2003. May prove established but not the choicest of records.

‡*Symphytum asperum* 116/4.2. *12, N. Hants.: W side of track leading to Butterfly Conservation Reserve by cemetery, No Mans Land, Winchester, SU511293, B. Goater, 1995.

‡*Symphytum bulbosum* 116/4.8. *12, N. Hants.: large colony a little off the road under trees, Ashford Chase - by road, SU737262, P. Budd, 2006.

‡*Brunnera macrophylla* 116/5.1. *62, N. E. Yorks.: one well-established plant, woodland edge, Gillamoor, SE683899, V. Jones, 2005.

‡*Amsinckia micrantha* 116/12.2. *10, Wight: several plants in sand dunes, St Helen's Duver, SZ6388, G. N. Toone, 2006, det. E. J. Clement, photograph C. R. Pope.

‡*Amsinckia retrorsa* Suksd. 116/12.ret. *83, Midlothian: Leith Docks, Edinburgh, NT2776, J. Fraser, 1907, conf. Per Lassen, E. Ø

©*Amsinckia tessellata* A. Gray 116/12.tes. *83, Midlothian: Leith Docks, Edinburgh, NT2776, J. Fraser, 1909, conf. Per Lassen, E. Originally det. as likely *A. douglasiana*. Ø

©*Cerithe major* L.116/CER.maj. *38, Warks.: single plant in allotment, Spring Estate, Clifford Bridge Road, Coventry, SP377793, J. Brown, 2006, conf. J. W. Partridge, **WARMS**. Not sown. *62, N. E. Yorks.: regularly self-seeding in pavement cracks, by Conservative Club, Great Ayton, NZ656107, V. Jones, 2003. **113(S)**, Channel Is. (Sark): several plants self-seeded on roadside bank from nearby garden, Mill Lane, WV464758, R. M. Veall, 2006. 1st record for Sark. Ø

‡*Verbena rigida* 117/1.rig. *10, Wight: single plant in disturbed ground in woodland, Bouldnor Copse, SZ3890, D. T. Biggs, 2006, det. C. R. Pope. Well away from habitation.

‡*Stachys byzantina* 118/1.2. *38, Warks.: building site, Radnor Drive, Nuneaton, SP343908, B. Proctor, 2005, conf. M. J. Senior, **WARMS**.

‡*Ballota nigra* 118/2.1. **113(S)**, Channel Is. (Sark): scrub behind toilet, Visitor Centre, WV466758, R. M. Veall, 2006, **SARK**. 1st record for Sark since 1957.

‡*Lamiastrum galeobdolon* subsp. *argentatum* 118/4.1c. **113(S)**, Channel Is. (Sark): several plants on verge on west side of lane near La Valette de Bas, WV471760, R. M. Veall, 2006, **SARK**. 1st record for Sark. (Probably spread from nearby garden).

Melittis melissophyllum 118/8.1. *12, N. Hants.: Ovington, SU5631, W. A. Bromfield, 1850. GR inferred. In Townsend's 1883 *Flora of Hampshire* he states 'At Ovington Dr Bromfield states the flowers are sometimes nearly white'.

‡*Teucrium chamaedrys* 118/11.2. ©38, Warks.: pavement, Walsgrave on Sowe, SP377805, M. J. Senior, 2003, conf. J. W. Partridge. 1st record since 1962.

Clinopodium calamintha 118/18.3. *©63, S. W. Yorks.: waste ground, Chapeltown SK3596, K. Balkow, 2006, conf. G. T. D. Wilmore.

‡*Mentha* × *rotundifolia* (*M. suaveolens* × *M. longifolia*) 118/23.4×lon. *12, N. Hants.: waste by river, Monxton area, SU34C, G. D. Field, 1984.

Salvia verbenaca 118/25.4. **113(S)**, Channel Is. (Sark): vegetable garden, La Seigneurie Gardens, WV483764, M. L. Long, 2006, **SARK**. 1st record for Sark. Additional plant found at edge of woodland outside vegetable garden.

‡**Salvia viridis** 118/25.5. ***12**, N. Hants.: Whitchurch, SU469483, R. P. Bowman, 1966.

‡**Salvia verticillata** 118/25.6. ©**12**, N. Hants.: nine flower spikes on disused railway, E of Longparish, SU448448, J. Moon, 2004, det. A. R. G. Mundell. 1st record since 1932.

©**Agastache rugosa** Kuntze 118/AGA.rug. ***62**, N. E. Yorks.: one plant among nettles, in caravan site, Lebberston, TA0882, J. Clarke, 2003, det. E. J. Clement, **herb. E. J. Clement**. See *BSBI News* 99: 46 (2005). Ø

‡**Fraxinus ornus** L. 123/2.orn. ***12**, N. Hants.: Hurstbourne Park, Whitchurch, SU4447, H. J. M. Bowen & F. Rose 1986. Ø

‡**Jasminum nudiflorum** 123/JAS.nud. ***60**, W. Lancs.: roadside verge, Galgate, Ellel, Lancaster, SD476552, M. Wilcox, 2006.

‡**Verbascum blattaria** 124/1.1. ***58**, Cheshire: two plants on road verge, Hurleston, SJ633548, Cheshire Recording Group, 2006, det. G. M. Kay. Presumably garden escapes. Flowers pink.

‡**Scrophularia vernalis** 124/2.5. **11**, S. Hants.: churchyard and hedgebanks, East Tytherley, SU291290, G. D. Field, 2005. 1st record since 1970.

‡**Veronica peregrina** 124/16.18. ***12**, N. Hants.: plentiful as a weed along a damp gravel pathway at Longstock Park Nurseries, SU366388, B. & J. Goater, 2006, det. M. W. Rand. First reported by P. R. Green in 2005.

Euphrasia nemorosa × **E. pseudokernerii** 124/20.7×8. ***12**, N. Hants.: S. facing steep slope below Coombe Gibbett at c. 850 ft, among hawthorns, in pasture grazed by cows, Inkpen Hill, Combe, SU366620, P. F. Yeo, 1974. A few yards from a colony of *Polygala calcarea*.

Rhinanthus minor subsp. **calcareus** 124/24.2d. ***12**, N. Hants.: Magdalen North Down, SU507292, A. R. G. Mundell & M. W. Rand, 2006, **HCMS, herb. A.R.G.M.** This area has been sown with seed taken from Salisbury Plain - a stronghold for this subspecies. (There was an earlier 1981 record by Dr Francis Rose and Lady Anne Brewis for East of South Tidworth, SU24N, where presumably native, but they omitted it from their *Flora of Hampshire* with the comment that the subspecies can intergrade).

©**Rhinanthus alectorolophus** (Scop.) Pollich 124/24.ale. ***38**, Warks.: persisted for 2-3 years on seeded roadside but now gone, Wellesbourne bypass, SP272549, J. W. Partridge, 1992, det. D. J. Hambler, **herb. D.J.H.** Apparently 1st and only record for British Isles. Ø

‡**Nemesia strumosa** Benth. 124/NEM.str. *©**63**, S. W. Yorks.: Kings Road, Bradford, SE163345, B. A. Tregale, 2005. Ø

‡**Lathraea clandestina** 125/1.2. ***38**, Warks.: on willow by R. Blythe, Malvern Park, Solihull, SP156788, W. A. Seaby, 1983, conf. P. J. Copson. Planted in 1978, established and seen at two further sites on R. Blythe in 1990 and 1999.

Orobanche hederac 125/2.8. ***58**, Cheshire: four spikes in part of garden overgrown with *Hedera helix*, Gayton, Wirral, SJ284804, E. F. Greenwood, 2005.

‡**Acanthus mollis** 127/1.1. *©**62**, N. E. Yorks.: cracks in steps, St. Olave's church, York, SE598522, V. Jones & W. A. Thompson, 2006.

‡**Acanthus spinosus** 127/1.2. ***12**, N. Hants.: South Wonston - South, SU479353, P. Budd, 2002.

©**Campanula medium** 129/1.5. ***62**, N. E. Yorks.: wasteland, Dean Road, Scarborough, TA038888, V. Jones & W. A. Thompson, 2005.

‡**Campanula cochleariifolia** 129/1.coc. ***62**, N. E. Yorks.: well-established on wall, near bus station, Whitby, NZ897108, V. Jones & W. A. Thompson, 2005.

‡**Pratia pedunculata** (R.Br.) Benth. 129/8.pra. ***10**, Wight: garden lawn, Brighstone, SZ4282, P. D. Stanley, 2005, det. E. J. Clement. Ø

Galium parisiense 130/6.14. *‡**11**, S. Hants.: road verge, HMS Sultan, Gosport, SU593010, E. J. Clement, 2005.

‡**Symphoricarpos** × **chenaultii** (**S. orbiculatus** × **S. microphyllus**) 131/3.orb×mic. ***93**, N. Aberdeen: roadside bank, Daviot, NJ7526, I. P. Green, 2006.

‡**Lonicera pileata** 131/6.1. ***12**, N. Hants.: Swarraton, SU582377, M. W. Rand, 2003.

‡**Lonicera japonica** 131/6.6. ***58**, Cheshire: hedgerow, West Kirby, SJ225847, R. F. Goodchild, 2004.

- ‡**Lonicera × italica** (*L. caprifolium* × *L. etrusca*) 131/6.8×etr. *11, S. Hants.: scrubby woodland edge, Fritham, SU231139, M. W. Rand, 2006.
- ‡**Lonicera morrowii** (hybrid of) 131/6.mor× *©80, Roxburghs.: one long established bush on riverside, Ale Water at Ancrum old church, NT621248, J. Mercer, 2006, det. D. R. McKean & D. Chamberlain, E, herb. R.W.M.C. Parentage unknown.
- ‡**Scabiosa atropurpurea** 134/5.2. *©80, Roxburghs.: old quarry above road S.W. of Colmsliehill, NT506405, J. Mercer, 2006, det R. W. M. Corner. Garden throw-out.
- ‡**Echinops exaltatus** 135/1.2. *62, N. E. Yorks.: long-established in waste grassland, Battersby, NZ596076, V. Jones, 1999. *©63, S. W. Yorks.: Middlewood, Sheffield SK3191, K. Balkow, 2006.
- ‡**Echinops bannaticus** 135/1.3. *10, Wight: woodland edge, Newchurch, SZ5685, D. T. Biggs, 2006, det. C. R. Pope. *68, N. Northumb.: opposite golf-course, Berwick, NU172359, A. & G. Young, 2005.
- Arctium × nothum** (*A. lappa* × *A. minus*) 135/3.1×2. *58, Cheshire: on field edge with both parents, Hurlston, SJ631556, Cheshire Recording Group, 2006, det. G. M. Kay.
- Cirsium × boulayi** (*C. acaule* × *C. arvense*) 135/6.8×10. *12, N. Hants.: on corner of track, Porton Down, SU248393, A. R. G. Mundell, 2002, det. K. Walker, HCMS.
- ‡**Centaurea macrocephala** 135/11.mac. *38, Warks.: well established in roadside ditch, Broad Lane, Hockley, Coventry, SP271798, M. J. Senior, 2005, conf. E. J. Clement, WARMS.
- †**Cichorium intybus** 135/12.1. *107, E. Sutherland: conifer plantation by upstream bridge on forest walk, Skelbo Wood, near Dornoch, NH777945, M. E. Murray, 2006.
- ‡**Pilosella flagellaris** subsp. *flagellaris* 135/27.3a. 11, S. Hants.: grassy verges, Hightown and Thornhill, Southampton, SU466199, SU470117, P. A. Budd, 2004. 1st record since 1970.
- [**Hieracium rubiginosum** 135/28.63. 39, Staffs.: Peasland Rocks & Wetton Mill, SK05, 1884 & 1954, CGE. Delete. The specimens have been re-determined as *H. peccense* by P. D. Sell. No later records are known.]
- [**Hieracium maculatum** 135/28.74. 39, Staffs.: Codsall & Alstonefield, SJ80, SK15, 1852 & 1899, CGE. Delete. The specimens have been re-determined as *H. spilophaem* & *H. fictum*, respectively, by P. D. Sell.]
- Hieracium holophyllum** 135/28.148. *39, Staffs.: Peasland Rocks, Dove Dale, SK1456, 1884, det. P. D. Sell, CGE. Specimen previously labelled as *H. caledonicum*.
- [**Hieracium subplanifolium** 135/28.174. 39, Staffs.: Wetton Valley, Alstonefield, SK15, 1877, CGE. Delete. The specimen has been re-determined as *H. dalense*, by P. D. Sell.]
- ‡**Hieracium argillaceum** Jord. 135/28.arg. *39, Staffs.: Swynnerton, Hanchurch Hills, SJ8340, 1948, det. P. D. Sell, CGE. Specimen previously labelled as *H. acuminatum*. *63, S. W. Yorks.: Thackley disused railway, Bradford, SE176389, B. A. Tregale, 2004, det. V. Jones. Ø
- Hieracium aterrimum** Hyl. 135/28.ate. *17, Surrey: on chalk rubble, near Juniper Hall, Mickleham, TQ171524, J. H. P. Sankey, 1956, CGE, det. P. D. Sell (1999). Ø
- ‡**Hieracium aviicolia** Jord. ex Boreau 135/28.avi. *39, Staffs.: Red Hurst, Wetton, SK05, 1888, det. D. J. McCosh, BM. Specimen previously labelled as *H. acuminatum*. Ø
- Hieracium consociatum** Jord. ex Boreau 135/28.con. *39, Staffs.: a few on laneside bank SW of Flash, SK012663, J. E. Hawksford & W. A. Thompson, 2004. Ø
- Hieracium daedalolepioides** (Zahn) Roffey 135/28.dae. *39, Staffs.: Alstonefield, SK15, 1951, det. P. D. Sell, CGE. Specimen previously labelled as *H. diaphanum*. Ø
- Hieracium dalense** P. D. Sell 135/28.dal. *39, Staffs.: Wetton Valley, Alstonefield, SK15, 1877, det. P. D. Sell, CGE. Specimen previously labelled as *H. subplanifolium*. Ø
- Hieracium dentulum** (E. F. Linton) P. D. Sell 135/28.den. *39, Staffs.: Mill Dale, SK1354, 1893, det. P. D. Sell, CGE. Specimen previously labelled as *H. caledonicum*. Ø
- ‡**Hieracium fictum** Jord. ex Boreau 135/28.fic. *39, Staffs.: near Alstonefield Vicarage, SK15, 1899, det. P. D. Sell, CGE. Specimen previously labelled as *H. maculatum*. Ø
- Hieracium koehleri** Dahlst. 135/28.koe. *17, Surrey: on chalk rubble near Juniper Hall, Mickleham, TQ171524, J. H. P. Sankey, 1956, CGE, det. P. D. Sell. Ø
- Hieracium peccense** (W. R. Linton) P. D. Sell 135/28.pec. *39, Staffs.: Peasland Rocks, Dove Dale, SK1456, 1884, det. P. D. Sell, CGE. Specimen previously labelled as *H. rubiginosum*. Ø
- ‡**Hieracium spilophaeum** Jord. ex Boreau 135/28.spi. *39, Staffs.: Codsall & Alstonefield, SJ8603, 1852, det. P. D. Sell, CGE. Specimen previously labelled as *H. maculatum*. Ø

‡*Hieracium subaequialtum* Hyl. 135/28.sub. *39, Staffs.: by River Manifold, near Wetton, SK05, 1954, det. P. D. Sell, CGE. Ø

Filago minima 135/30.4. 83, Midlothian: past industrial site, Newton Grange, NT332632, C. Dixon, 2006, conf. D. R. McKean, E. 1st record since 1970.

Gnaphalium luteoalbum 135/33.6. @‡11, S. Hants.: occurring as a weed in municipal flowerbeds, Lower Gardens, Bournemouth, SZ088909, F. J. Rumsey, 2005. *‡60, W. Lancs.: car park, Fishergate, Preston, SD536288, P. Jepson, 2006.

†*Inula helenium* 135/35.1. 113(S), Channel Is. (Sark): four flowering plants at foot of garden wall by roadside, near La Ville Roussel, WV469763, R. M. Veall, 2006. SARK. 1st record for Sark.

‡*Dittrichia graveolens* 135/36.gra. *11, S. Hants.: verge of A31, Ashley, Ringwood, SU1304, A. Lewis, 2006. Now recorded from many other stations in VC11 by P. A. Budd, S. J. Leach and M. W. Rand.

‡*Solidago gigantea* 135/40.4. *93, N. Aberdeen: roadside, Old Meldrum, NJ834285, I. P. Green, 2006.

‡*Aster novae-angliae* 135/41.2. *62, N. E. Yorks.: wasteland, old coal yards, Pickering, SE796839, V. Jones & W. A. Thompson, 2005.

‡*Aster* × *versicolor* (*A. laevis* × *A. novi-belgii*) 135/41.3×4. *62, N. E. Yorks.: several plants in rough grassland by R. Tees, Middlesbrough, NZ41U, V. Jones, 2002, conf. P. F. Yeo, herb. V. Jones.

‡*Erigeron karvinskianus* 135/43.4. *62, N. E. Yorks.: base of wall, Saltburn, NZ664214, P. D. Law, 1995, conf. M. J. Yates.

©*Conyza canadensis* 135/44.1. *68, N. Northumb.: one very small garden plant, Craster, NU2419, E. M. Craster, 2005, det. G. Halliday, A. J. Richards & G. A. Swan.

‡*Conyza sumatrensis* 135/44.2. *23, Oxon: a few by R. Cherwell, Oxford University Parks, SP519072, H. J. Killick, 2006. *58, Cheshire: sandy verge, Sandbach, SJ738611, G. M. Kay & M. P. G. Tolfree, 2006, det. E. J. Clement. *60, W. Lancs.: waste ground, Lancaster Business Park, SD492640, J. H. Clarke, 2006, det. E. J. Clement, LIV.

‡*Conyza bilbaoana* 135/44.bil. *39, Staffs.: pavement, Banners Gate, Sutton Coldfield, SP089954, J. Hardwick & M. W. Poulton, 2006. *58, Cheshire: sandy verge, Sandbach, SJ738611, G. M. Kay, 2006, conf. E. J. Clement, herb. G.M.K.

‡*Conyza bonariensis* 135/44.bon. *38, Warks.: one plant in pavement, 2 Church Terrace, Leamington Spa, SP321654, J. W. Partridge, 2005, conf. E. J. Clement, WARMS.

‡*Olearia macrodonta* 135/45.2. *©63, S. W. Yorks.: Ellesmere, Sheffield, SK3688, Sheffield Ecology Unit, 2004.

Artemisia × *wurzellii* (*A. vulgaris* × *A. verlotiorum*) 135/50.1×2. *©38, Warks.: roadside/railway sidings, Washwood Heath, Birmingham, SP106894, J. W. Partridge, 2006, conf. B. S. Wurzell, WARMS. Birmingham and the Black Country Recording Scheme.

©*Anthemis tinctoria* 135/55.4. @64, Mid-W. Yorks.: calcareous grassland, Allerton Bywater, SE421276, Bradford Botany Group, 2006. Probably introduced during landscaping of old opencast coal mine site.

©*Glebionis coronaria* 135/56.cor. *60, W. Lancs.: tow path, Lancaster Canal, Lancaster, SD481668, J. H. Clarke, 2006, det. E. J. Clement.

‡*Leucanthemum paludosum* (Poir.) Bonnet & Barratte 135/58.pal. *12, N. Hants.: in pavement cracks outside Alresford Gallery, Alresford, SU587326, A. R. G. Mundell, 2003, det. E. J. Clement, HCMS, herb. A.R.G.M. Ø

‡*Cotula squalida* 135/61.4. *65, N. W. Yorks.: bare, sandy, peaty track, Masham Moor, SE170760, B. Byrne & R. Woodhall, 2004.

Senecio × *albescens* (*S. cinerea* × *S. jacobaea*) 135/62.1×10. *38, Warks.: one sterile plant on golf course, Maxstoke, SP226887, J. W. Partridge & D. Porter, 2004, det. J. C. H. Alexander, WARMS.

‡*Senecio inaequidens* 135/62.3. *23, Oxon: one large clump at edge of Oxford Brookes football pitch, SP532062, D. Woodford, 2006, OXF. This is the 1st record for v.c.23, that in the VCCC being an error. *39, Staffs.: frequent on canal towpath, Old Moxley, SO969956, A. P. Daly, M. W. Poulton & I. C. Trueman, 2004, det. E. J. Clement.

‡*Delairea odorata* 135/65.1. *10, Wight: waste ground, Seaview, SZ6391, D. T. Biggs, 2005, det. E. J. Clement.

- ‡**Brachyglottis ‘Sunshine’** (*B. compacta* × *B. laxifolia*) 135/66.com×lax. *62, N. E. Yorks.: cliff grassland, Robin Hood’s Bay, NZ952051, V. Jones, 2001.
- ‡**Rudbeckia hirta** 135/78.1. *©60, W. Lancs.: tow path, Lancaster Canal, Lancaster, SD481668, J. H. Clarke, 2006, det. E. J. Clement.
- ©**Helianthus annuus** 135/79.1. *67, S. Northumb.: rubbish dump in layby off A69 near Throckley, NZ154677, R. & J. Bowyer, 2006.
- ‡**Helianthus** × **laetiflorus** (*H. tuberosus* × *H. pauciflorus*) 135/79.2×pau. *12, N. Hants.: in old chalk pit near roadside, East Woodhay, SU406601, R. P. Bowman, 1979, det. E. J. Clement, **HCMS**.
- ‡**Helianthus rigidus** Desf.135/79.rig. *12, N. Hants.: Greatham (SW), SU7730, A. B. M. Brewis, 1960. Ø
- ©**Bidens ferulifolia** (Jacq.) DC. 135/81.fer. *62, N. E. Yorks.: pavement cracks, Higher Market Place, Kirbymoorside, SE695886, W. A. Thompson, 2005. *©63, S. W. Yorks.: Bolton Road, Bradford, SE169349, B. A. Tregale, 2003, det. E. J. Clement. Ø
- ‡**Coreopsis tinctoria** Nutt. 135/82.tin. *©60, W. Lancs.: tow path, Lancaster Canal, Lancaster, SD481668, J. H. Clarke, 2006, det. E. J. Clement. Ø
- ‡**Coreopsis verticillata** L. 135/82.ver. *12, N. Hants.: Church Crookham, near Gelvert Stream, SU831531, T. Dove, 1983, det. A. R. G. Mundell. A garden escape far from houses. It just survived the building of a new track but succumbed to birch scrub growth c.1988. Ø
- ©**Calotis hispidula** (F. Muell.) F. Muell. 135/CAI.his. *12, N. Hants.: wool adventive amongst young apple trees, Benham’s Fruit Farm, Blackmoor, SU7731, B. & J. Goater, 1969. Ø
- ‡**Liatris spicata** (L.) Willd. 135/LIA.spi. *©63, S. W. Yorks.: Nailers Rough, Bradford, SE119359, B. A. Tregale, 2004, det. E. J. Clement. Ø
- ‡**Melampodium montanum** Benth. 135/MEL.mon. *10, Wight: several self-seeded plants in full bloom in roadside pavement cracks, Shanklin, SZ5881, D. T. Biggs, 2006, det. E. J. Clement, photograph C. R. Pope. See *BSBI News* 94: 30 (2003). Ø
- ‡**Osteospermum jucundum** 135/OST.juc. *11, S. Hants.: disturbed ground, Throop, SZ1095, R. M. Walls, 2006.
- ‡**Tagetes erecta** 135/TAG.ere. *©39, Staffs.: dozens of plants on recently disturbed open ground near River Tame, Two Gates, SK211015, R. D. Martin, 2006.
- ‡**Tagetes patula** 135/TAG.pat. *©39, Staffs.: a few plants on disturbed ground, Wolverhampton, SO933997, P. Newton, 2000.
- ‡**Aponogeton distachyos** 139/1.1. *12, N. Hants.: twenty plants established and probably increasing in River Blackwater on both sides of footbridge near Government Road, Aldershot, SU885519, C. R. Hall, 2004. Known here since 1997.
- ‡**Lysichiton americanus** 147/2.1. *10, Wight: well established and spreading by streamside in wood, Saltmoor Copse, SZ5387, C. R. Pope, 2006.
- ‡**Calla palustris** 147/3.1. *12, N. Hants.: small plant in large flooded sand pit, MOD Longmoor, SU808305, A. R. G. Mundell, 2003, **HCMS, herb. A.R.G.M.** Specimen kept (herb. A.R.G.M.)
- Arum maculatum** × **A. italicum** 147/5.1×2. *12, N. Hants.: Ashford Lodge, Ashford Chace, SU746266, A. B. M. Brewis, 1964. Recorded as ‘hybrid’, listed under *A. italicum* subsp. *italicum*, with comment ‘Hybrid also seen, outside Ashford Lodge, at road junction [SU]746266’.
- ©**Pistia stratiotes** L. 147/PIS.str. *12, N. Hants.: Basingstoke Canal, Pondtail Flash and scattered in canal channel for 300m to E, in quantity, SU8253, C. R. Hall, 1995. GR inferred. It did not survive the winter. Ø
- Juncus ambiguus** 151/1.8. *93, N. Aberdeen: flat floor of quarry once used for salt storage, Aikey Bray, W of Old Deer, NJ962478, S. D. S. Bosanquet & C. D. Preston, 2006.
- Juncus** × **kern-reichgeltii** (*J. effusus* × *J. conglomeratus*) 151/1.26×27. *12, N. Hants.: The Warren, SE of Oakhanger, SU7735, F. Rose, 1989. *63, S. W. Yorks.: Maltby Low Common SK5491, G. T. D. Wilmore, 2006.
- ‡**Juncus ensifolius** Wikstr. 151/1.ens. *11, S. Hants.: pond, Fair Oak, SU483142, J. P. Poland, 2004, conf. E. J. Clement. *12, N. Hants.: Longstock Park Nursery, SU367388, B. Goater & A. R. G. Mundell, 2006, det. E. J. Clement, **HCMS, herb. A.R.G.M.** Growing as a weed in a pot of *Iris pseudacorus*. Ø
- Eleocharis palustris** × **uniglumis** 151/3.1×3. *12, N. Hants.: River Test, Wherwell to Chilbolton, SU3840, F. Rose, 1984.

- ©*Cyperus eragrostis* 152/11.2. *62, N. E. Yorks.: several plants at base of wall, Thirsk, SE434822, V. Jones & W. A. Thompson, 2006.
- ‡*Carex vulpinoidea* 152/16.6. *58, Cheshire: reclaimed sand quarry, Moore Reserve, SJ590860, G. M. Kay, 2004, det. A. O. Chater, **herb. G.M.K.**
- Carex divisa* 152/16.13. *58, Cheshire: damp coastal field, Meols, SJ244908, E. F. Greenwood, 2006, **LIV.**
- Carex humilis* 152/16.50. *10, Wight: several long-established patches in chalk grassland, Afton Down, SZ3685, P. D. Stanley, 2006, det. D. A. Pearman, **herb. C. R. Pope.** Previously overlooked!
- Carex* × *turfosa* (*C. nigra* × *C. elata*) 152/16.67×68. *60, W. Lancs.: alder willow carr, with both parents nearby, Little Hawes Water, Yealand Redmayne, SD479768, E. F. Greenwood & M. S. Porter, 2006. See Wheldon & Wilson 1907.
- ‡*Stipa neesiana* 153/9.1. ©63, S. W. Yorks.: Bradford City Centre, SE164335, B. A. Tregale, 1995, det. E. J. Clement. 1st record since 1970.
- ‡*Stipa gigantea* Link 153/9.gig. *©63, S. W. Yorks.: Filey Street, Bradford, SE169327, B. A. Tregale, 2005, det. E. J. Clement. Ø 1st record for B.I.?
- ‡*Stipa tenuissima* Trin.153/9.ten. *12, N. Hants.: several young plants seeded into gravel path, Longstock Nurseries, SU367389, B. Goater & A. R. G. Mundell, 2006, det. E. J. Clement, **HCMS, herb. A.R.G.M.** With abundant *Polypogon viridis*. Ø
- ‡*Oryzopsis miliacea* var. *thomasii* 153/10.1. *38, Warks.: 50 Brandon Parade, Leamington Spa, SP321659, J. W. Partridge, 2005, conf. species, det. variety T. B. Ryves, **WARMS.**
- Festuca* × *fleischeri* (*F. arundinacea* × *F. gigantea*) 153/12.2×3 *12, N. Hants.: in field at Coneycroft Bottom, Selborne, SU731335, P. D. Stanley, 1998, det. T. A. Cope, **HCMS.**
- Festuca arenaria* 153/12.6. 10, Wight: sand dunes, Norton Spit, SZ3589, P. D. Stanley, 2004, det. M. Wilcox. 1st record since 1970.
- ©*Lolium multiflorum* × *L. rigidum* 153/13.2×rig. *12, N. Hants.: Blackmoor area, SU73R, J. E. Lousley, 1960, det. E. E. Terrell. An article by A. Melderis states 'When examining British material of *Lolium* at the British Museum (Natural History), Dr E. E. Terrell... identified a specimen collected by J. E. Lousley atand distributed in his *Wool Adventive Flora of Britain* under the name *L. rigidum*, as *L. multiflorum* × *rigidum*, which has not been previously recorded from Britain'. Ø
- ‡*Vulpia myuros* 153/14.3. *68, N. Northumb.: at base of fence near police station, Wooler, NT992281, Q. J. Groom, 2006, **herb. G. A. Swan.**
- Puccinellia distans* 153/16.2. *‡23, Oxon: thirty plants on S side of A415 at Culham, SU505954, H. J. Killick, 2006.
- ‡*Briza minor* 153/17.2. *58, Cheshire: disturbed land, Heswall, SJ2680, E. F. Greenwood, 2006, **LIV.**
- ‡*Briza maxima* 153/17.3. 83, Midlothian: gutter and outer edge of pavement, Craighleith Hill, Edinburgh, NT228748, E. A. Pilling, 2006, conf. D. R. McKean, **E.** 1st record since 1970.
- ‡*Poa palustris* 153/18.10. *80, Roxburghs.: edge of pool, Banks of Tweed at Monksford Bank, NT583324, R. W. M. Corner, 2006, **herb. R.W.M.C.** 1st record in a natural habitat since 1913.
- Poa bulbosa* 153/18.13. ©11, S. Hants.: gravel bank of car park, Hatchet Pond, East Boldre, SU369016, BSBI Field Meeting, 2005, det. M. W. Rand & R. M. Walls. Possibly introduced with the gravel used to make the barrier.
- Agrostis* × *murbeckii* (*A. capillaris* × *A. stolonifera*) 153/39.1×4. *63, S. W. Yorks.: Valley sidings, Bradford, SE159345, B. A. Tregale, 2005, det. T. A. Cope.
- ‡*Polypogon viridis* 153/46.2. 38, Warks.: alley pavement, Clarendon Street, Leamington Spa, SP330662, J. W. Partridge, 2005, conf. T. B. Ryves, **WARMS.** 1st record since 1932. *58, Cheshire: pavement weed, Bowden, SJ759868, G. M. Kay, 2006, conf. A. Lockton & M. W. Rand, **herb. G.M.K.** *60, W. Lancs.: ditch, Westby landfill site, SD355311, P. Jepson, 2006, **LIV.**
- ‡*Bromus secalinus* 153/50.7. ©39, Staffs.: many on field margin, Alrewas Hayes, SK134145, M. E. Smith & D. Wall, 2005. ©39, Staffs.: scattered through large wheat field, Pound Green, SO757798, J. E. Hawksford, 2006.
- ‡*Anisantha tectorum* 153/52.4. ©10, Wight: sown lawn, St Mary's Hospital, Newport, SZ4990, P. D. Stanley, 2004. 1st record since 1970.

Elytrigia × *acuta* nothosubsp. *obtusiuscula* (*Elytrigia atherica* × *E. juncea* subsp. *boreoatlantica*) 153/56.2×3a. **10**, Wight: rather frequent in sand dunes, St Helen's Duver, SZ6389, P. D. Stanley, 2006, det. T. A. Cope. 1st record since 1970.

‡*Cortaderia selloana* 153/62.1. ***38**, Warks.: large clump in rough grass, Lea Marston purification lake, SP314950, M. A. Arnold, 2005, conf. J. W. Partridge. ***62**, N. E. Yorks.: one plant self-sown in pavement crack, Hutton Rudby, NZ467066, V. Jones & W. A. Thompson, 2006.

‡*Cortaderia richardii* 153/62.ric. ***83**, Midlothian: about 6 plants in roof guttering of house in Ferry Road, Edinburgh NT243759, D. R. McKean, 2005.

‡*Echinochloa crus-galli* 153/68.1. **65**, N. W. Yorks.: landfill in silage field, West Burton, Bishopdale, SE014877, C. Helm & D. Millward, 2006. Growing with other aliens. 1st record since 1970. ***81**, Berwicks.: one hundred plants in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite & W. D. Gill, 2006.

‡*Setaria italica* 153/70.ita. ***81**, Berwicks.: ten plants in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite, 2006.

‡*Setaria pumila* 153/70.pum. ***81**, Berwicks.: two plants in potato field with soya bean waste manure, Hutton, NT909539, L. W. Gaskell, 2006, det M. E. Braithwaite.

‡*Setaria verticillata* 153/70.ver. ***81**, Berwicks.: thirty plants in potato field with soya bean waste manure, Hutton, NT909539, M. E. Braithwaite, 2006.

‡*Digitaria ischaemum* 153/71.1. **12**, N. Hants.: the dominant grass, partly buried in pure sand, beside numerous tracks used by military vehicles, Slab, Bordon, SU783355, A. R. G. Mundell, 2005, det. T. B. Ryves. Not extinct as stated in 1996 *Flora of Hampshire*. Really abundant, e.g. patch 15 m across at SU78323554, but on many other tracks in the area, mostly small non-flowering plants.

©*Digitaria sanguinalis* 153/71.san. ***62**, N. E. Yorks.: several plants in pavement cracks, by church, Whip-Ma-Whop-Ma-Gate, York, SE605518, V. Jones & W. A. Thompson, 2006, **herb. V. Jones**. ***67**, S. Northumb.: Bedford Strut, North Shields, NZ355683, A. & G. Young, 2006, **herb. G. A. Swan**.

©*Anemanthele lessoniana* (Steud.) Veldkamp 153/ANE.les. ***38**, Warks.: four clumps in pavement, alley, Leamington Spa, SP318648, J. W. Partridge, 2005, det. T. B. Ryves, **WARMS**. Growing in nearby garden. Ø

‡*Pennisetum villosum* R. Br. ex Fresen. 153/PEN.vil. ***11**, S. Hants.: road verge, Eastern Parade, Southsea, SZ6698, G. Hounsoume, 2006, det. T. B. Ryves. Ø Apparently 1st record for British Isles.

Typha × *glauca* (*T. latifolia* × *T. angustifolia*) 155/1.1×2. *‡**38**, Warks.: established on eutrophic lakeside, Edgbaston Pool, Birmingham, SP054841, D. A. Broughton, 2006, conf. J. Southey. Natural England survey. ***60**, W. Lancs.: with both parents on margin of pond (old gravel pit), N. Pond, Brockholes Quarry, Preston, SD579311, E. F. Greenwood, 2006. Pollen not stained with anthocyanin. Morphologically intermediate.

‡*Hemerocallis fulva* 158/5.1. ***12**, N. Hants.: garden discard on wasteland, River Road, Yateley, SU808615, D. L. Brookman & A. R. G. Mundell, 2003. ***93**, N. Aberdeen: roadside, Old Meldrum, NJ833285, I. P. Green, 2006.

Convallaria majalis 158/13.1. ‡**113(S)**, Channel Is. (Sark): in ditch outside garden wall, Le Petit Beauregard, WV458757, M. L. Long, 2006. 1st record for Sark.

‡*Chionodoxa forbesii* 158/22.1. ***12**, N. Hants.: Hurstbourne Tarrant, Netherton Bottom, SU389549, P. Billinghurst, 1997. Presumably garden escape.

‡*Chionodoxa sardensis* 158/22.2. ***62**, N. E. Yorks.: several self-sown plants on grassy bank, near church, Ingleby Greenhow, NZ582063, V. Jones, 1998.

‡*Chionodoxa luciliae* 158/22.luc. ***62**, N. E. Yorks.: a few plants in woodland, Bassleton Wood, Thornaby, NZ446159, V. Jones, 2001.

‡*Muscari armeniacum* 158/23.2. ***93**, N. Aberdeen: woodland, Pitcaple, NJ7425, I. P. Green, 2006.

‡*Allium roseum* 158/24.3. ***12**, N. Hants.: small patch (c. 12 plants) on roadside bank opposite entrance of Ashford Chace, SU740265, D. Ball, 1994.

‡*Allium neopolitanum* 158/24.4. ***38**, Warks.: clump 1 metre square in hedge, alley off Wathen Road, Leamington Spa, SP324667, J. W. Partridge, 2006, conf. J. R. Roberts, **WARMS**.

‡*Allium subhirsutum* 158/24.5. ***12**, N. Hants.: Wishanger, SU838385, A. R. G. Mundell, 2003, det. B. Matthews, **HCMS**, **herb. A.R.G.M.** Site bulldozed a few weeks later, but some plants survived

- ‡*Allium triquetrum* 158/24.7. *38, Warks.: several clumps by footpath, Tachbrook Road, Leamington Spa, SP318649, J. W. Partridge, 2005, conf. E. J. Clement, **WARMS**.
- ‡*Allium paradoxum* 158/24.9. *38, Warks.: more than 100 plants in abandoned garden, St Mary's Road, Leamington Spa, SP326655, J. W. Partridge, 2005, conf. E. J. Clement, **WARMS**.
- ‡*Galanthus nivalis* × *plicatus* 158/32.1×3. *81, Berwicks.: one clump near River Tweed, Clinthill, NT605324, M. E. Braithwaite, 2006.
- ‡*Galanthus elwesii* 158/32.2. *39, Staffs.: grass verge, Wombourne, SO875930, C. B. Westall, 2006. Present for many years on the roadside, sheltered by road signs from mowing.
- ‡*Galanthus woronowii* 158/32.wor. *12, N. Hants.: single very large clump beside boundary path on west side of Tadley Common, SU606621, I. & W. G. Helyar & A. R. G. Mundell, 2003, det. R. Baker, **HCMS**. Shown to A. R. G. Mundell by finder W. G. Helyar. Determined *in situ* in flower on 21 Feb 2004 by invited *Galanthus* expert.
- ‡*Narcissus poeticus* 158/33.3. *67, S. Northumb.: Howford Banks, NY9166, A. & G. Young, 2006. Has been present for at least 10 years.
- ‡*Narcissus cyclamineus* 158/33.6. *11, S. Hants.: woodland, Trodds Copse, Ampfield, SU420227, P. Marston, 2006. In NE finger of woodland, having spread from a nearby garden.
- ‡*Erythronium dens-canis* 158/ERY.den. *67, S. Northumb.: Jesmond Dene, Newcastle, NZ26NE, A. & G. Young, 2004.
- ‡*Sisyrinchium californicum* 159/2.3. *©39, Staffs.: three plants in paving cracks on Hundred Acre Road, NE of Pheasey, SP077968, M. W. Poulton, P. Reade & I. C. Trueman, 2006.
- ‡*Sisyrinchium striatum* 159/2.5. *12, N. Hants.: Sheet, SU7524, A. Knapp & D. Nelson, 1999.
- ‡*Iris germanica* 159/5.1. *67, S. Northumb.: Seaton Sluice, NZ337768, J. L. Durkin, 2005.
- ‡*Iris orientalis* 159/5.7. *10, Wight: well-established in roadside ditch, Brook, SZ3883, M. J. Burnhill, 2006, det. C. R. Pope.
- Iris foetidissima* 159/5.8. *‡60, W. Lancs.: roadside verge, Silverdale, SD473759, P. Jepson, 2006. *‡81, Berwicks.: well-established clump in policies, The Hirsell, NT830409, M. E. & P. F. Braithwaite, 2006. ‡83, Midlothian: railway embankment, 200 m east of Bonnington Bridge above walkway, Edinburgh, NT264763, H. S. McHaffie & D. R. McKean, 2005. 1st record since 1970.
- ‡*Crocus speciosus* 159/8.8. *©11, S. Hants.: made earth bank near Brockishill Road, Bartley, SU298117, M. W. Rand, 2005. Introduced with landfill to remake bank of Forest car park. *12, N. Hants.: N side of track on grassy bank outside fenced garden, Pamber Heath, SU610618, W. G. Helyar, 2001, conf. A. R. G. Mundell. *62, N. E. Yorks.: a few plants in rough grassland, Grey Towers, Nunthorpe, NZ537133, V. Jones, 2001.
- ‡*Freesia* × *hybrida* 159/12.1. *©63, S. W. Yorks.: waste ground, Thorpe Salvin, SK5082, W. A. Ely, 2004, conf. J. R. Comley.
- Epipactis phyllanthus* var. *vetensis* 162/3.7. 10, Wight: ancient woodland on chalk, Eaglehead Copse, Ashley, SZ5887, P. Jupp, 2005, det. A. J. Richards. First appeared in 2003 but confirmed 2005. 1st record since 1970.
- ×*Gymnaglossum jacksonii* (*Gymnadenia conopsea* × *Coeloglossum viride*) 162/16×17.1×1 *12, N. Hants.: Noar Hill, Selborne, SU7431, M. Oates, 1975. One plant in late 1970s noted in management plan appendix.
- Dactylorhiza* × *hallii* (*D. maculata* × *D. praetermissa*) 162/18.2×4. *12, N. Hants.: Conford Moor, West Fen, SU8133, F. Rose, 1992.
- Dactylorhiza incarnata* subsp. *coccinea* 162/18.3b. *63, S. W. Yorks.: Woodhall Quarry, near Calverley, SE197353, B. A. Tregale & G. T. D. Wilmore, 2002.
- Dactylorhiza* × *wintonii* (*D. incarnata* × *D. praetermissa*) 162/18.3×4. *12, N. Hants.: Humbly Grove area, N of Powntley Copse, SU74C, J. E. Lousley, 1980. Recorded as '*Dactylorhiza incarnata* × *praetermissa* = *D. wintonii*'.
- Dactylorhiza* × *latirella* (*D. incarnata* × *D. purpurella*) 162/18.3×5. 64, Mid-W. Yorks.: with both parents in flushed marshy area beside outflow stream from Malham Tarn, altitude 385 m, Malham, SD893658, P. P. Abbott, 2006, conf. N. Barrett. 1st record since 1970.
- Dactylorhiza purpurella* × *D. traunsteinerioides* 162/18.5×7. *62, N. E. Yorks.: one plant in calcareous marsh, Sand Dale, Dalby Forest, SE858848, V. Jones, 2003, conf. R. D. Bateman. Ø

Orchis purpurea 162/20.5. *12, N. Hants.: a fine plant with three flowering spikes and a dead one from previous year in Isle of Wight woods, Porton Down, SU251373, L. Delve *et al.*, 2003, conf. A. R. G. Mundell.

Ophrys apifera 162/23.3. *75, Ayr.: on re-vegetated bit bing, Barony Colliery, New Cumnock, NS525218, B. Laney, 2003, conf. D. A. Lang. 1st confirmed record. See *BSBI News* No. 95: 30 (2004). Still present in 2005. Photograph with vice-county recorder.