

PLANT RECORDS

Compiled by E. C. WALLACE.

Records are for the year 1951 when no date is given.

The following signs are used:—

- § before the *B.P.L.* number: to indicate that the paragraph contains information necessitating a correction in the annotated copy of the *Comital Flora*.
- † before the *B.P.L.* number: to indicate that the plant is not a native species.
- † before the record: to indicate a native species which is not native in the locality recorded.
- * before the record: to indicate new vice-county records, not previously published.
- ‡ before the record: to indicate records additional to the annotated copy of *Comital Flora*, previously published elsewhere.
- [] enclosing a record: to indicate doubt as to the validity of the record, either of identification or locality.

It will be useful if, in future, National Grid Co-ordinates, made as accurate as is thought advisable, are added to all records.

1/1. *CLEMATIS VITALBA* L. 56, Notts.; railway embankment at Pleasley Vale with *Blackstonia perfoliata* and *Erigeron acris*: 57, Derby; plentiful on the steep crags of Magnesian Limestone and in a wood nearby at Pleasley Vale, F. W. ADAMS. 66, Durham; on magnesian limestone, Aycliffe, J. W. H. HARRISON (1951, *Vasc. Subst.*, **36**, 30).

§5/1. *MYOSURUS MINIMUS* L. *33, E. Glos.; (2a) in a ditch in river-meadows close to the Worc. border near Ripple, in Glos., 1951; it has been known for many years at Uckinghall, just over the county border, which it has never before been known to cross, C. W. BANNISTER (see *Flora Glos.*, 5 (1948).—E.C.W.).

6/10. *RANUNCULUS SARDOUS* Crantz. 34, W. Glos.; (4) meadow by the Wye at Lancaut, Tidenham, under tidal influence, in large quantity, Rev. R. B. ABELL and C. W. BANNISTER.

§6/31. *RANUNCULUS LENORMANDI* F. Schultz. ‡101, Cantyre; on mud in stream at north end of Machrihanish links, K. N. G. MACLEAY; see Lee, J. R., 1933, *Fl. Clyde Area*, for earlier record.—Ed.

9/2. *HELLEBORUS FOETIDUS* L. 33, E. Glos.; (7a) Lidcombe Wood, Stanway, 1 plant, C. W. BANNISTER.

§†13/3. DELPHINIUM AJACIS L. sec. Gay. ‡33, E. Glos.; (2a) waste ground on the Gloucester by-pass; waste ground by the Tewkesbury Road, Uckington; Lower Lode sewage works, near Tewkesbury, C. C. TOWNSEND, all det. N. Y. SANDWITH: see *Flora Glos.* for earlier records.—E. C. W.

§22/1. MECONOPSIS CAMBRICA (L.) Vig. ‡†98, Argyll; Dalmally, Ford, Kilmelfort, all probably garden escapes, but quite established, K. N. G. MACLEAY; see Lee, J. R., 1933, *Fl. Clyde Area*, for earlier record.—Ed.

†28/1. ESCHSCHOLZIA CALIFORNICA Cham. 23, Oxon.; waste ground, Jackdaw Lane and Port Meadow, Oxford, a number of plants, R. B. ABELL and C. W. BANNISTER.

†30/1. DICENTRA FORMOSA (Haw.) Walp. 59, S. Lancs.; in shade and among bricks of remains of recent building on Coal measures, near colliery, south of Denton, 1951, T. R. LAYCOCK.

31/1. CORYDALIS CLAVICULATA (L.) DC. 25, E. Suff.; abundant in dry oakwood near Benacre Broad, R. M. PAYNE. 88, Mid Perth; sparingly, crags at summit of Craig Rossie (1349') near Auchterarder, A. W. ROBSON.

§35/1. NASTURTIUM OFFICINALE R.Br. 4, N. Devon; West Pilton, Tutshill, 1948, E. MILNE-REDHEAD: *27, E. Norfolk; stream on east side of Sheringham, 1951, H. W. HOWARD: *38, Warwick; marshy ground by side of pool near Blake Street station north of Sutton Park, E. S. EDEES: *52, Anglesey; marsh near Pentraeth, P. W. RICHARDS: *83, Edinb.; Duddingston Loch, 1850, J. BOSWELL SYME in Herb. Mus. Brit.: all det. H. W. HOWARD.

§35/1(2). NASTURTIUM MICROPHYLLUM (Boenn.) Rchb. *1, W. Cornwall; Lizard, Helston, 1887, J. CUNNACK (Herb. J. B. Syme in Herb. Mus. Brit.), comm. H. W. HOWARD. 10, Wight; Lashmere Pool, near Godshill: 34, W. Glos.; (4) Broadmoor, Cinderford, C. C. TOWNSEND; both confirmed by H. K. AIRY SHAW.

35/1(2)×1. NASTURTIUM MICROPHYLLUM × OFFICINALE. H.40, Derry; Old Mill stream at Coleraine, 1950, J. CLARKE, comm. H. W. HOWARD.

†36/1. BARBAREA STRICTA Andrz. 34, W. Glos.; (3) Walmore Common, C. W. BANNISTER.

§43/4. DRABA MURALIS L. *†87, [Kinross]; garden weed at Fosso-way, U. K. DUNCAN, conf. J. E. LOUSLEY.

§44/1. EROPHILA VERNA (L.) Chevall. ‡98, Argyll; plentiful at roadside, Loch Awe; not in *C.F.*, but is quoted (as *vulgaris* DC.) for v.-cc. 97, 98, 101-103 in *Glasgow Cat.*, K. N. G. MACLEAY.

‡45/1. *ARMORACIA RUSTICANA* G.M.S. *98, Argyll; in wood at roadside near Carmasserie cross-road, half mile from nearest house, K. N. G. MACLEAY.

†48/1. *MALCOLMIA MARITIMA* (L.) R.Br. 33, E. Gos.; (2a) Northway, Ashchurch, waste ground, 1 plant, 1951, C. W. BANNISTER, det. N. Y. SANDWITH.

†50/7. *ERYSIMUM REPANDUM* L. 33, E. Gos.; (2a); Borough Flour Mills, Tewkesbury, 2 or 3 plants, 1948, C. W. BANNISTER, det. at Kew.

†51/1. *CONRINGIA ORIENTALIS* (L.) Dum. 71, Man; weed in garden, Ramsey, 1947, Mrs. LERMITTE, comm. D. E. ALLEN.

†52/1. *CAMELINA SATIVA* (L.) Crantz 19, N. Essex; in flax fields at New Hall convent near Chelmsford, quite abundant; 21, Middx.; rubbish ground at Hillend, Harefield, R. A. GRAHAM.

†54/7. *BRASSICA TOURNEFORTII* Gouan. 33, E. Gos.; (2a) Borough Flour Mills, Tewkesbury, 1 plant 1950, 2 in 1951, C. W. BANNISTER, det. E. B. BANGERTER and N. Y. SANDWITH; 34, W. Gos.; (2b) Sharpness Docks, number of plants, R. B. ABELL and C. W. BANNISTER.

†54/16. *BRASSICA JUNCEA* (L.) Coss. 22, Berks; (4) Manor Tip, Reading, J. OUNSTED and P. NEWBY.

‡55/2. *DIPLOTAXIS MURALIS* (L.) DC. *95, Elgin; plentiful at Findhorn and waste sandy places near Forres, M. McCALLUM WEBSTER.

†64/5. *THLASPI ALLIACEUM* L. 19, N. Essex; a small colony near Blackwater Canal, Maldon, R. M. PAYNE, det. J. P. M. BRENNAN and D. H. KENT.

†76/3. *RAPISTRUM RUGOSUM* (L.) All. 34, W. Gos.; (2b) Sharpness Docks, quite plentiful, with glabrous and hairy fruits, R. B. ABELL and C. W. BANNISTER, det. N. Y. SANDWITH.

†85/2b. *RESEDA LUTEA* Linn. var. *PULCHELLA* J. Muell. 34, W. Gos.; (2b) Sharpness Docks, very abundant, C. C. TOWNSEND.

88/32. *VIOLA NANA* (DC.) Godr. 1, W. Cornw.; Scilly, in a rabbit scrape on the s. coast of Tresco (not where recorded by J. E. Raven in *Watsonia*, 1, 356); also on a sandy track on Bryher, J. OUNSTED.

92/3. *DIANTHUS ARMERIA* L. 36, Heref.; Tarrington, a weed in the Rectory Garden, F. M. DAY.

96/4. *SILENE NOCTIFLORA* L. 37, Worcs.; frequent in cornfields on Bredon Hill, R. B. ABELL and C. W. BANNISTER.

96/5. *SILENE ANGLICA* L. †90, Forfar; Dundee Corporation tip, U. K. DUNCAN, B. M. C. MORGAN and R. A. GRAHAM.

†96/21. *SILENE BEHEN* L. 33, E. Glos.; (2a) Borough Flour Mills, Tewkesbury, 1 plant, 1950, R. B. ABELL and C. W. BANNISTER, det. at KEW.

101/3. *STELLARIA MEDIA* (L.) Vill. 108, W. Suth.; moorland, in damp ditch by a wall, c. 500 yds. from the coast, n. side of Scourie Bay, 1949, D. H. BARRY and B. W. RIBBONS; a rather unusual habitat, such as I have seen in Caithness.—E.C.W.

102/8. *ARENARIA TENUIFOLIA* L. †38, Warwick; occasional on ballast of disused railway track near Wilmcote, V. JACOBS.

103/5. *SAGINA NORMANIANA* Lagenh. 96, Easternness; bank of burn in corrie, nr. Achlean, Glen Feshie, E. C. WALLACE.

103/7. *SAGINA CILIATA* Fr. 33, E. Glos.; (7a) Hornsleasow, Snows-hill, C. C. TOWNSEND, det. F. R. ELLISTON WRIGHT.

112/7. *HYPERICUM MONTANUM* L. 11, S. Hants.; Old Winchester Hill, C. W. MUSGRAVE BURTON.

§115/2. *ALTHAEA HIRSUTA* L. *†7, N. Wilts.; near Sandy Lane, T. G. COLLETT, comm. J. D. GROSE.

117/1. *MALVA MOSCHATA* L. 88, Mid Perth; rock faces, Dunning Glen; railway embankment, Baldinnies, Dunning; Dalreoch Bridge, Dunning, A. W. ROBSON.

†117/9. *MALVA PARVIFLORA* L. 34, W. Glos.; (2b) Sharpness Docks, 1950-51, becoming common in 1951, R. B. ABELL and C. W. BANNISTER, det. at KEW.

†118(2)/1b. *ANODA CRISTATA* (L.) Schlecht. var. *BRACHYANTHERA* (Rechb. f.) Hochr. 34, W. Glos.; (2b) Sharpness Docks, 1 plant, 1951, R. B. ABELL and C. W. BANNISTER, det. J. P. M. BREMAN.

§123/3. *TILIA CORDATA* Mill. †54, N. Lincs.; Broughton Woods, A. H. G. ALSTON (*Year Book*, 1951, 70).

127/7. *GERANIUM PYRENAICUM* Burm. f. 56, Notts., and 57, Derby; abundant in a field adjoining the county boundary on the Derby side with a few plants in Notts. at Pleasley Vale, F. W. ADAMS.

§127/13. *GERANIUM LUCIDUM* L. *†101, Cantyre; on walls near Bel-
lanoch; Crinan; Tarbet; possibly garden escape, K. N. G. MACLEAY.

127/15. GERANIUM PURPUREUM Vill. 34, W. Glos.; (4) on an old wall at Sedbury, nr. Tidenham, with *G. Robertianum* L., C. W. BANNISTER, confirmed by J. E. LOUSLEY.

128/3c. ERODIUM GLUTINOSUM Dum. *70, Cumb.; sand dunes, Haverigg, D. E. ALLEN and E. A. ROBINSON, comm. CARLISLE MUSEUM.

†142/3. ACER PLATANOIDES L. 33, E. Glos.; (2a) small mixed wood near Boddington, 1947, C. C. TOWNSEND, confirmed A. MELDERIS.

149/2. ULEX GALLII Planch. 95, Elgin; one bush near Colterne House, Findhorn, M. McCALLUM WEBSTER.

155/11. TRIFOLIUM STRIATUM L. 88, Mid Perth; near Dunning, 1951, A. W. ROBSON.

155/15(2). TRIFOLIUM ELEGANS Savi. 59, S. Lancs.; pastureland on Trias (Bunter sandstone), Flixton Meadows, c. 50', J. S. ROBERTSON, comm. T. R. LAYCOCK.

155/22. TRIFOLIUM FILIFORME L. 37, Worcs.; The Gullet, nr. Castlemorton Common, form with white flowers, growing with normal deep yellow form and intermediates, R. B. ABELL and C. W. BANNISTER. 66, Durham; Pittington, J. W. H. Harrison (1951, *Vasc. Subst.*, 36, 22).

160/8. LOTUS ANGUSTISSIMUS L. †17, Surrey; large patches of huge plants in a rough sandy field N. of Tilford, N. Y. SANDWITH.

†165/1. COLUTEA ARBORESCENS L. 23, Oxon.; waste ground, Jackdaw Lane and Port Meadow, Oxford, several plants, R. B. ABELL and C. W. BANNISTER, confirmed by A. MELDERIS.

†176/2. VICIA TENUIFOLIA Roth. 33, E. Glos.; (7b) sandpits, Sandy Lane, near Cheltenham, two fine plants in 1950 (gone in 1951), C. C. TOWNSEND, confirmed by A. MELDERIS.

185/129(2). RUBUS ADENOLOBUS W. Wats. *33, E. Glos.; (2a) scrub, Benhall Farm, St. Marks, Cheltenham, C. C. TOWNSEND, det. W. C. R. WATSON.

†185/. RUBUS PROCERUS P.J.M. *33, E. Glos.; several fine bushes in Sandy Lane sandpits, near Cheltenham, C. C. TOWNSEND, det. W. C. R. WATSON.

187/2×1. GEUM × INTERMEDIUM Ehrh. 95, Elgin; by the river Findhorn, Darnaway Castle, Forres, with both parents, M. McCALLUM WEBSTER.

190/4. ALCHEMILLA VESTITA (Bus.) Raunk. 69, Westm.; roadside, Hoff Wood, between Appleby and Orton, C. W. MUIRHEAD, det. S. M. WALTERS, comm. CARLISLE MUSEUM.

190/19. *ALCHEMILLA ALPINA* L. 70, Cumb.; Scafell, c. 2500 ft., abundantly in flower in early November 1951, B. VERDCOURT.

190(2). *APHANES*. All determined or confirmed by S. M. WALTERS.

§190(2)/1. *APHANES ARVENSIS* L. 33, E. Glos.; (7a) Hornsleasow Rough, near Snowhill: 34, W. Glos.; (3) arable between Eastnor and Bromsberrow: 36, Heref.; wall near Symonds Yat: C. C. TOWNSEND. *90, Forfar; roadside near Rescobie Loch, U. K. DUNCAN.

190(2)/2. *APHANES MICROCARPA* (Boiss. & Reut.) Rothm. 10, Wight; sandy turf near Alverstone: 34, W. Glos.; (4) head of the Whitecroft Valley, near Lydney, C. C. TOWNSEND. *H1, S. Kerry; roadside near Glenbeigh, U. K. DUNCAN.

†192/1. *ACAENA ANSERINIFOLIA* (J. R. & G. Forst.) Druce. 9, Dorset; (G) two patches by a roadside near Studland, J. OUNSTED.

199/17. *SAXIFRAGA GRANULATA* L. 75, Ayr; rocks near pier, Portencross, 1950, B. W. RIBBONS. 95, Elgin; on grassy cliffs between Hope-mah and Burghead, M. McCALLUM WEBSTER.

§199/19. *SAXIFRAGA RIVULARIS* L. *98, Argyll; alpine rocks, parish of Lismore and Appin, 1950, W. A. SLEDGE.

214/1. *HIPPURIS VULGARIS* L. 39, Staffs.; abundant in disused canal bay near Willingsworth Furnaces, Wednesbury, V. JACOBS.

217/7b. *CALLITRICHE TRUNCATA* Guss. var. *occidentalis* (Rouy) Druce. 6, N. Somerset; rhine between Clevedon and Kingston Seymour, Sept. 1951, the second record for the Bristol district, C. I. and N. Y. SANDWICH.

220. *EPILOBIUM*. All records, except where stated and those for *E. pedunculare*, determined or confirmed by G. M. ASH.

§220/6. *EPILOBIUM LAMYI* F. Schultz. *33, E. Glos.; (2a) Voulters Wood, Forthampton, plentiful; Northway, Ashchurch, scarce, C. W. BANNISTER.

220/7. *EPILOBIUM OBSCURUM* Schreb. 33, E. Glos.; (2a) form with white flowers, Voulters Wood, Forthampton, C. W. BANNISTER.

220/7×4. *EPILOBIUM OBSCURUM* Schreb. × *parviflorum* Schreb. 34, W. Glos.; (2b) railway sidings, Sharpness Docks, C. C. TOWNSEND.

†220/7(2). *EPILOBIUM ADENOCALON* Hausskn. *10, Wight; on a wall, St. Lawrence, near Ventnor, C. C. TOWNSEND. ‡33, E. Glos.; (7a) Lidcombe Wood, Stanway, in great abundance; (2a) Tewkesbury, becoming frequent: 34, W. Glos.; (2b) Sharpness Docks, abundant, C. W. BANNISTER: (see *Fl. Glos.* for earlier records.—ED.).

220/7(2)×4. *EPILOBIUM ADENOCAULON* Hausskn. × *PARVIFLORUM* Schreb. 33, E. Glos.; Lidcombe Wood, Stanway, with parents; Voulters Wood, Forthampton, with parents, C. W. BANNISTER.

220/7(2)×7. *EPILOBIUM ADENOCAULON* Hausskn. × *OBSCURUM* Schreb. 33, E. Glos.; (2a) Voulters Wood, Forthampton, C. W. BANNISTER.

220/7(2)×8. *EPILOBIUM ADENOCAULON* Hausskn. × *ROSEUM* Schreb. 33, E. Glos.; (2a) Station St., Tewkesbury, with parents, C. W. BANNISTER.

220/7(2)×10. *EPILOBIUM ADENOCAULON* Hausskn. × *MONTANUM* L. 33, E. Glos.; (2a) Voulters Wood, Forthampton, with parents, C. W. BANNISTER.

220/9. *EPILOBIUM LANCEOLATUM* Seb. & Mauri. 33, E. Glos.; (2a) Voulters Wood, Forthampton; 34, W. Glos.; (2b) Sharpness Docks, along rail-tracks, etc., 1950-51; (4) on old walls at Sedbury, nr. Tidenham, plentiful; leg. and det. R. B. ABELL and C. W. BANNISTER.

220/10×4. *EPILOBIUM MONTANUM* L. × *PARVIFLORUM* Schreb. 33, E. Glos.; (2a) Voulters Wood, Forthampton, with parents, C. W. BANNISTER.

220/10×7. *EPILOBIUM MONTANUM* L. × *OBSCURUM* Schreb. 33, E. Glos.; (2a) Voulters Wood, Forthampton, with parents, C. W. BANNISTER.

220/10×8. *EPILOBIUM MONTANUM* L. × *ROSEUM* Schreb. 33, E. Glos.; (2a) Post Office Lane, Tewkesbury, with parents, C. W. BANNISTER.

+220/17. *EPILOBIUM PEDUNCULARE* Cunn. 78, Peebles; on shingle in bed of Leithen, 2 m. N. of Innerleithen, J. D. and K. S. Wood, det. and comm. J. OUNSTED. 87, W. Perth; in gravel paths, Callander, D. McCCLINTOCK. 95, Elgin; among stones on lower reaches of Findhorn river, also on stones by river Lossie and abundant in old gravel pit, Alves, M. McCALLUM WEBSTER.

‡+223/2(2). *OENOTHERA ERYTHROSEPALA* Borbás (*Oe. Lamarckiana* De Vries non Ser.). 23, Oxon.; waste ground, Jackdaw Lane, Oxford, many plants, 1951, R. B. ABELL and C. W. BANNISTER. *33, E. Glos.; (7a) Lidcombe Wood, Stanway, appearing naturalized, R. B. ABELL and C. W. BANNISTER; (2b) Gloucester Docks, R. B. ABELL and C. W. BANNISTER; (7b) several plants in the sandpits, Sandy Lane, Cheltenham, C. C. TOWNSEND: all det. or conf. A. MELDERIS.

+249/2. *AMMI VISNAGA* (L.) Lam. 33, E. Glos.; (2b) Gloucester Docks, one plant, C. C. TOWNSEND, det. A. MELDERIS.

†§250/1. *CARUM CARVI* L. *108, W. Sutherland; Farr Bay, quite naturalised in a meadow, J. M. BATTEN, J. OUNSTED and C. H. B. REYNOLDS.

252/1. *FALCARIA VULGARIS* Bernh. 38, Warwick; two plants on railway bank north of Henley-in-Arden, V. JACOBS.

258/1. *CHAEROPHYLLUM AUREUM* L. 87, W. Perth; Drumvaich, four miles east of Callander, D. McCLINTOCK.

270/1. *MEUM ATHAMANTICUM* Jacq. 98, Argyll; in one field at Achnafandich, Glen Orchy, very local in the county, K. N. G. MacLEAY.

†277/1. *HERACLEUM MANTEGAZZIANUM* Somm. & Lev. 95, Elgin; by river Findhorn near Forres, 1950, A. C. G. GOUGH.

†279/1. *CORIANDRUM SATIVUM* L. 90, Forfar; tip at Dundee, D. McCLINTOCK.

288/2. *VIBURNUM LANTANA* L. 66, Durham; on magnesian limestone, Raisby Woods, J. W. H. HARRISON and J. A. RICHARDSON (1951, *Vasc. Subst.*, 36, 22).

§296/3. *GALIUM ERECTUM* Huds. 23, Oxon.; waste ground, Jackdaw Lane, Oxford, plenty in one patch, R. B. ABELL and C. W. BANNISTER. 57, Derby; on a roadside bank near Calver, F. W. ADAMS. †66, Durham; near Coxhoe, J. W. H. HARRISON (1951, *Vasc. Subst.*, 36, 23).

§296/5. *GALIUM PUMILUM* Murr. *96, Easternness; on shingle in spate bed of river Feshie, and on rocks in gullies, Glen Feshie, R. MACKECHNIE and E. C. WALLACE.

§296/8. *GALIUM DEBILE* Desv. The entry in *Watsonia*, 2, 199, 1952, for 66, Durham, should be corrected to read 67, S. Northumberland; see 1950, *Vasc. Subst.*, 35, 23, where the record is correctly given by J.W.H.H.—E.C.W.

301/1. *VALERIANA OFFICINALIS* L. *sensu lato*. 59, S. Lancs.; a dwarf form with white flowers, dune slacks, Freshfield to Birkdale, D. E. ALLEN.

§304/2. *VALERIANELLA ERIOCARPA* Desv. *55 (Rutland); arable field adjoining Bloody Oaks Quarry, near Empingham, E. K. HORWOOD, det. T. G. TUTIN.

304/4. *VALERIANELLA CARINATA* Loisel. 33, E. Glos.; (7a) on old wall near Guiting Grange, Guiting Power, a few plants, C. W. BANNISTER.

304/4b. *VALERIANELLA CARINATA* Loisel. var. *PUBESCENS* Coss. & Germ. 33, E. Glos.; (2b) Sharpness Docks, R. B. ABELL and C. W. BANNISTER, det. N. Y. SANDWICH, who says this is probably the commonest form of the species.

†312/5. *SOLIDAGO SEROTINA* Ait. non Retz. 88, Mid Perth; waste ground below Dunning, 1950, A. W. ROBSON, det. J. E. LOUSLEY.

320/10. *ERIGERON MUCRONATUS* DC. 3, S. Devon; Monk's Bridge, Brixham, F. M. DAY, det. at KEW.

†339/4b. *AMBROSIA TRIFIDA* L. var. *INTEGRIFOLIA* (Willd.) Torr. & Gray. 34, W. Glos.; (2b) Sharpness Docks, 1 plant, 1951, C. W. BANNISTER, det. J. P. M. BREANAN.

†341/3. *XANTHIUM SPINOSUM* L. 34, W. Glos.; (2b) Sharpness Docks, 2 plants, 1951, R. B. ABELL and C. W. BANNISTER, confirmed Dr. A. MELDERIS.

353/2. *BIDENS TRIPARTITA* L. 59, S. Lancs.; adventive on newly-laid soil with *Chenopodium* spp., Birkdale dunes, D. E. ALLEN.

†353/6. *BIDENS FRONDOSA* L. 34, W. Glos.; (2b) bridge over the canal at Purton, near Sharpness, C. C. TOWNSEND.

†354/2. *GALINSOGA CILIATA* (Raf.) Blake. 6. N. Somerset; Lyncombe Hill, Bath, Miss A. L. MILLER, comm. D. McCLINTOCK. 23, Oxon.; (7) the dominant weed in a field where the crop had failed, near Henley, J. OUNSTED. 56, Notts; one plant in bed at Trent Bridge Hotel, D. McCLINTOCK. 62, N.E. Yorks.; garden weed, Bootham, York, 1951, Mrs. R. WILSON SHARPE, det. J. P. M. BREANAN, comm. C. M. ROB.

368/3. *ANTHEMIS ARVENSIS* L. 38, Warwick; a few plants on the disused railway track near Henley-in-Arden, V. JACOBS.

§†371/3. *MATRICARIA MATRICARIOIDES* (Less.) Porter. †98, Argyll; 101, Cantyre; very common on roadsides and near farms, K. N. G. MACLEAY; see Lee, J. R., 1933, *Fl. Clyde Area*, 187, for earlier record.—Ed.

§378/1. *ARTEMISIA ABSINTHIUM* L. †*88, Mid Perth; on waste land, Mains Farm, Dunning, A. W. ROBSON.

§†378/3(2). *ARTEMISIA VERLATORUM* Lamotte. *18, S. Essex; plentiful in one spot on waste ground at Dagenham, N. Y. SANDWICH.

†380/2. *PETASITES ALBUS* (L.) Gaertn. 51, Flint, Fynnongroew, 1946, L. W. FROST.

§†383/1. *SENECIO FLUVIATILIS* Wallr. *87, W. Perth; Kilmahog, D. McCLINTOCK.

‡383/7. *SENECIO SQUALIDUS* L. ‡67, S. Northumberland; waste ground, Shieldfield, Newcastle-upon-Tyne, W. A. WRIGHT (1951, *Vasc. Subst.*, 36, 20).

395/2b×1. *CARDUUS CRISPUS* L. × *NUTANS* L. 20, Herts.; field border near Caddington, on a bank with both parents, E. MILNE-REDHEAD and C. C. TOWNSEND, confirmed by W. A. SLEDGE.

396/1. *CIRSIIUM ERIOPHORUM* (L.) Scop. 12, N. Hants.; in field near Lasham, C. LANGRIDGE. 66, Durham; Garmondsway, J. W. H. HARRISON, etc. (1951, *Vasc. Subst.*, 36, 22).

396/4×6. *CIRSIIUM ACAULON* (L.) Scop. × *TUBEROSUM* (L.) All. 7, N. Wilts.; Play Hill, J. D. GROSE.

‡397/1. *ONOPORDON ACANTHIUM* L. ‡34, W. Glos.; (3) roadside bank at Over, nr. Gloucester, 1 large plant, R. B. ABELL and C. W. BANNISTER; see *Flora Glos.*, 292 (1948), for other records.—E.C.W.

415/1. *PICRIS ECHIOIDES* L. 38, Warwick; one plant beside the canal between Stratford-on-Avon and Wilmcote, V. JACOBS.

416/3. *CREPIS BIENNIS* L. 33, E. Glos.; (2a) many plants on bank of Avon in Tewkesbury Ham, close to Borough Flour Mills, 1948-51; 37, Worcs.; 1 plant in rye-field, Tarn Hill, Bushley, 1950, 1 plant on roadside between Bushley and Tewkesbury, 1950, C. W. BANNISTER.

419. *HIERACIUM*. The order and numbers follow Pugsley, H. W., 1948, A Prodrômus of the British Hieracia, *Journ. Linn. Soc. (Bot.)*, 54. Asterisks refer to vice-counties not cited there.

419/54b. *HIERACIUM ARGENTEUM* Fr. var. *SEPTENTRIONALE* F. J. Hanb. 108, W. Suth.; limestone rocks, Keoldale, Kyle of Durness, C. W. MUIRHEAD, det. C. WEST and P. D. SELL, comm. CARLISLE MUSEUM.

419/62. *HIERACIUM BEEBYANUM* Pugsl. *102, South Ebuades; coastal rocks at Ardskenish and the Strand, Isle of Colonsay, Mrs. J. S. MUIRHEAD, det. C. WEST and P. D. SELL, comm. CARLISLE MUSEUM.

419/64. *HIERACIUM RUBICUNDUM* F. J. Hanb. 108, W. Sutherland; Bettyhill, 1923, R. H. WILLIAMSON, det. C. WEST and P. D. SELL, 1952, comm. CARLISLE MUSEUM.

419/99. *HIERACIUM EXOTERICUM* Jord. *62, N.E. Yorks.; rocks by roadside, Hawnby Bank, C. M. ROB, det. C. WEST.

419/120. *HIERACIUM CREBRIDENTIFORME* Pugsl. *66, Durham; High Force, Teesdale, 1887, J. LEITCH, det. C. WEST and P. D. SELL, 1952, comm. CARLISLE MUSEUM.

419/136b. *HIERACIUM CRAVONIENSE* (F. J. Hanb.) Roffey var. *PSEUDODURICEPS* Pugs. 88, Mid Perth; rocks above Loch na Cat, Ben Lawers, C. W. MUIRHEAD, det. C. WEST and P. D. SELL.

419/140. *HIERACIUM PRAESIGNE* (Zahn) Roffey. *61, S.E. Yorks.; railway bank, Springhead Hull, 1937, A. K. WILSON, det. C. WEST.

419/149c. *HIERACIUM VULGATUM* Fr. emend. Almqvist var. *SUBFASCICULARE* W. R. Linton. 65, N.W. Yorks.; wall near Church, Tanfield, 1950, C. M. ROB, det. C. WEST.

419/152. *HIERACIUM LEPIDULUM* Stenstr. *3, S. Devon; Plym Valley, 1890, J. LEITCH, det. C. WEST and P. D. SELL, 1952, comm. CARLISLE MUSEUM.

419/230. *HIERACIUM PSEUDAMPLIDENTATUM* Pugs. *77, Lanark; Bothwell, 1872, J. LEITCH, det. C. WEST and P. D. SELL, 1952, comm. CARLISLE MUSEUM.

+419/255. *HIERACIUM COLLINIFORME* (N. & P.) Roffey. *80, Roxb.; bank of River Tweed, Kelso, 1938, G. FOGGITT, det. C. WEST, comm. C. M. ROB.

‡419/257. *HIERACIUM BRUNNEOCROCEUM* Pugs. *58, Ches.; waste place near roadside on Trias (Keuper marl and sandstone), east side of road north of Chelford Cross, 1951, T. R. LAYCOCK and B. DICKINSON.

‡425/2. *LACTUCA SERRIOLA* L. +33, E. Gos.; (7b) Sandy Lane sandpits, near Cheltenham, Gos., 1950, C. C. TOWNSEND. †‡54, N. Lincs.; railway sidings, Scunthorpe, D. P. Young (*Year Book*, 1951, 71).

‡425/4. *LACTUCA MURALIS* (L.) Gaertn. †71, Man; Ballakillingan, Lezayre, 1947, confirming only previous record of 1860, G. E. QUAYLE, comm. D. E. ALLEN. *95, Elgin; on walls above Moy House, Forres, M. McCALLUM WEBSTER. H.9, Clare; limestone pavement, Black Head, H. MILNE-REDHEAD.

432/1c. *JASIONE MONTANA* L. var. *LATIFOLIA* Pugs. H.1, S. Kerry; on rocks above Loughs Coomasaharn and Coomeeneragh, Glenbeigh, E. C. WALLACE.

436/1. *LEGOUSIA HYBRIDA* (L.) Delarb. 25, E. Suff.; cliff-top, Dunwich, with *Filago minima*, R. M. PAYNE.

459/4. *ARMERIA MARITIMA* Willd. 108, W. Suth.; summit of Foinaven, 2839 ft., 1949, D. H. BARRY and B. W. RIBBONS.

467/1. *ANAGALLIS TENELLA* (L.) Murr. 57, Derby; boggy ground above Yorkshire Bridge near Ashopton; 63, S.W. Yorks.; damp ground between Maltby Church and Roche Abbey, F. W. ADAMS.

467/2. *ANAGALLIS ARVENSIS* L. 9, Dorset; maritime suberect form with scarlet flowers, frequent on dunes, Littlesea, N. D. SIMPSON and D. E. ALLEN. 59, S. Lancs.; single patch of maritime suberect form with scarlet flowers on dune turf near Birkdale, D. E. ALLEN.

467/3. *ANAGALLIS FOEMINA* Mill. 22, Berks.; (5) garden weed, Reading, J. OUNSTED.

§476/1. *CICENDIA FILIFORMIS* (L.) Delarb. †14, E. Sussex; ride in wood near Turner's Hill, J. COMYN, comm. E. C. WALLACE (see *Flora Sussex*, 293, for early records).

§478/4. *CENTAURIUM PULCHELLUM* (Sw.) Druce. †33, E. Glos.; (2a) edge of Voulters Wood, Forthampton, on barish, sandy ground, C. W. BANNISTER; see *Flora Glos.*, 333, for other records.—E.C.W.

§478/7. *CENTAURIUM CAPITATUM* (Willd.) Borbás. †6, N. Somerset; Crook Peak, 1938, F. K. MAKINS, see Bristol Botany in 1950 (1951, *Proc. Bristol Nat. Soc.*, 28, 172) for full account.

§480/6. *GENTIANA ANGLICA* Pugsl. *12, N. Hants.; Noar Hill, Selborne, becoming more plentiful, C. LANGRIDGE. *33, E. Glos.; (7a) Hornsleasow, Snowhill, 1951, C. C. TOWNSEND, confirmed by J. E. LOUSLEY.

480/8. *GENTIANA GERMANICA* Willd. 22, Berks.; Pit down, E.N.E. of Seven Barrows, near Lambourn, in some quantity over a considerable area, J. W. GOUGH.

†497/4. *SYMPHYTUM PEREGRINUM* Ledeb. 88, Mid Perth; by river Earn near Dunning, A. W. ROBSON.

†507/7. *ANCHUSA ITALICA* Retz. 23, Oxon.; waste ground, Jackdaw Lane, Oxford, R. B. ABELL and C. W. BANNISTER, confirmed by N. Y. SANDWICH. 33, E. Glos.; (7a) roadside between Burford and Stow, 1950, C. W. BANNISTER.

505/1. *MERTENSIA MARITIMA* (L.) Gray. 95, Elgin; on sand above shingle near Burghhead, very few plants, M. MCCALLUM WEBSTER.

§506/7. *MYOSOTIS SYLVATICA* Hoffm. †34, W. Glos.; (4) Kidnalls Enclosure, near Lydney, looking definitely native (regarded in *Flora Glos.* as an escape in the Forest of Dean), C. C. TOWNSEND, det. A. E. WADE.

§517/1. *SOLANUM DULCAMARA* L. *98, Argyll; on shore between Strone and Blairmore, found by a lady on staff of Glasgow University about ten years ago—teste J. R. LEE; seen in 1951, K. N. G. MACLEAY.

+517/17. *SOLANUM SARRACHOIDES* Sendtn. 34, W. Gos.; (2b) Sharpness Docks, 1 plant, (2a) carrot field at Ashchurch, R. B. ABELL and C. W. BANNISTER, det. J. P. M. BRENNAN.

+527/1. *VERBASCUM PHLOMOIDES* L. 23, Oxon.; waste ground, Jackdaw Lane, Oxford, many fine plants, R. B. ABELL and C. W. BANNISTER, confirmed by A. MELDERIS. 33, E. Gos.; (2a) waste ground by the Gloucester by-pass, 1948, C. C. TOWNSEND, confirmed by J. E. LOUSLEY.

527/4. *VERBASCUM VIRGATUM* Stokes. +23, Oxon.; waste ground, Port Meadow, Oxford, 1 plant, R. B. ABELL and C. W. BANNISTER, confirmed by N. Y. SANDWICH.

§527/6. *VERBASCUM PULVERULENTUM* Vill. *+34, W. Gos.; (4) well established in some quantity at Redbrook, apparently a garden escape, R. B. ABELL and C. W. BANNISTER, confirmed by N. Y. SANDWICH.

§532/3. *LINARIA REPENS* (L.) Mill. *59, S. Lancs.; a small colony of rather dwarf plants on loose dune sand from Millstone grit, Ainsdale, A. G. and F. W. HOLDER, comm. T. R. LAYCOCK.

§532/7. *LINARIA MINOR* (L.) Desf. *+98, Argyll; railway track above Dalnally, several plants, J. M. BATTEN, J. OUNSTED and C. H. B. REYNOLDS.

§+532/26. *LINARIA CYMBALARIA* (L.) Mill. *97, Westernness; on old walls at Fort William, K. N. G. MACLEAY.

+543/22. *VERONICA LONGIFOLIA* L. 33, E. Gos.; (7b) Sandy Lane sandpits, near Cheltenham, Gos., 1950, C. C. TOWNSEND, confirmed A. MELDERIS.

+543/41. *VERONICA FILIFORMIS* Sm. 33, E. Gos.; (7b) Meadow by lane leading from the Dowdeswell Reservoir to Rossleigh Manor: 34, W. Gos.; (4) abundant all along the Wye banks from Symond's Yat station to the track to Braceland: 37, Worcs.; in profusion over at least 100 yards outside Birtsmorton Church, C. C. TOWNSEND.

§545/2. *EUPHRASIA BOREALIS* (TOWNS.) Wettst. *20, Herts.; Wilbury, Hitchin, 1911, J. E. LITTLE: *72, Dumfries; near Moffat, 1907, W. R. LINTON and E. S. MARSHALL: both in Herb. Univ. Cantab., det. and comm. P. F. YEO.

545/3. *EUPHRASIA BREVIPILA* Burnat & Greml. 103, Mid Ebudes; meadow beside Loch Cliad, Isle of Coll, C. W. MUIRHEAD, det. E. F. WARBURG, comm. CARLISLE MUSEUM.

545/5d. *EUPHRASIA NEMOROSA* (Pers.) H. Mart. var. *COLLINA* Pugs. 10, Wight; south side of Blackgang Chine, with *E. occidentalis* Wettst., C. C. TOWNSEND, both det. E. F. WARBURG.

545/10. *EUPHRASIA OCCIDENTALIS* Wettst. 9, Dorset; Badbury Rings, few plants but slightly glandular, P. F. YEO.

§545/10b. *EUPHRASIA OCCIDENTALIS* Wettst. var. *CALVESCENS* Pugsl. *103, Mid Ebudes; Grishipoll Bay, Isle of Coll, C. W. MUIRHEAD, det. E. F. WARBURG, comm. CARLISLE MUSEUM.

545/10×21. *EUPHRASIA OCCIDENTALIS* Wettst. × *PSEUDO-KERNERI* Pugsl. 9, Dorset; Badbury Rings, P. F. YEO.

545/16. *EUPHRASIA SCOTICA* Wettst. 103, Mid Ebudes; moorland above Loch á Mhill Aird, Isle of Coll, C. W. MUIRHEAD, det. E. F. WARBURG, comm. CARLISLE MUSEUM.

§545/18f. *EUPHRASIA CONFUSA* Pugsl. var. *ALBIDA* (Pugsl.) Willm. *37, Worcs.; Castlemorton Common, 1912, S. H. BICKHAM, as *E. curta* var. *glabrescens*, in Herb. Univ. Cantab.; det. and comm. P. F. YEO.

§545/21. *EUPHRASIA PSEUDO-KERNERI* Pugsl. *6, N. Som.; Bath, 1830, in Herb. C. C. Babington as *E. officinalis*, no collector's name, det. and comm. P. F. YEO. *9, Dorset; Badbury Rings, P. F. YEO. *32, Northants; roadside, Bedford Purlieus, 1950, E. K. HORWOOD, det. and comm. P. F. YEO. *53, S. Lincs.; Holywell Mound, 1950, T. G. TUTIN, det. and comm. P. F. YEO.

547/2. *PEDICULARIS SYLVATICA* L. 70, Cumb.; Helvellyn, and Scafell, c. 2500 ft. in flower in early November (this does not refer to an odd plant here and there—the species was generally in flower), 1951, B. VERDCOURT.

548/5. *RHINANTHUS STENOPHYLLUS* (Schur) Druce. 33, E. Glos.; (2a) Brockridge Common, 1947; (7b) roadside between Withington and Compton Abdale, 1950, C. C. TOWNSEND, confirmed E. F. WARBURG.

§548/5(2). *RHINANTHUS CALCAREUS* Wilmott. *24, Bucks; Missenden, W. WILSON SAUNDERS, 1831, det. and comm. E. F. WARBURG. *34, W. Glos.; hillside above Wotton-under-Edge, 1948, C. C. TOWNSEND, confirmed by E. F. WARBURG.

550/1. *OROBANCHE RAPUM-GENISTAE* Thuill. 71, Man; Primrose Hill, Sulby, 1950, R. HOWARTH, comm. D. E. ALLEN.

550/7. *OROBANCHE HEDERAE* Duby. H.5, E. Cork; on ivy covered limestone wall, in great abundance, Mallow, E. C. WALLACE and E. F. WARBURG.

551/1. *LATHRAEA SQUAMARIA* L. 69, Westm.; beneath a sycamore in damp oak-hazel wood, Skelghyll, 1949, G. C. KING and B. W. RIBBONS.

552/5. *UTRICULARIA MINOR* L. 104, N. Ebudes; stream running over cliffs above Cleadale, c. 600 ft., Isle of Eigg, 1949, D. H. BARRY and B. W. RIBBONS.

§558/3. *MENTHA LONGIFOLIA* (L.) L. †59, S. Lancs.; damp waste ground on Trias (Keuper marl and sandstone), Martin Mere, near Southport, 1926, R. Wagstaffe and F. W. Holder (see Green, C. T., 1933, *The Fl. Liverpool District*, ed. 2, 73); waste ground on Trias (Keuper marl and sandstone), Ainsdale, c. 38', 1951, A. G. and F. W. HOLDER, comm. T. R. LAYCOCK.

558/9b. *MENTHA* × *VERTICILLATA* L. var. *PALUDOSA* Sole. 34, W. Glos.; (3) wood on May Hill, C. W. BANNISTER, det. R. GRAHAM.

558/13b. *MENTHA ARVENSIS* L. var. *OBTUSIFOLIA* Lej. & Court. 36, Hereford; near Old Country Wood, Coddington, F. M. DAY, det. R. GRAHAM.

558/13l. *MENTHA ARVENSIS* L. var. *CUNEIFOLIA* Lej. 36, Hereford; Cummins Farm, Colwall, F. M. DAY, det. R. GRAHAM.

562/8. *ACINOS ARVENSIS* (Lam.) Dandy. 63, S.W. Yorks.; on a bank in a quarry at Lindrickdale, near Lindrick Common, on Magnesian Limestone, with *Geranium columbinum*, F. W. ADAMS.

+569/5. *NEPETA MUSSINII* Henckel. 22, Berks.; Kennington, on an old rubbish tip, 1943, C. E. HUBBARD; apparently the true plant, comm. D. P. YOUNG.

572/1. *SCUTELLARIA GALERICULATA* L. 71, Man; Onchan, 1948, Mrs. HARDY: hitherto only recorded in *Top. Bot.* without authority, comm. D. E. ALLEN.

572/2. *SCUTELLARIA MINOR* Huds. 104, N. Ebudes; streamside, N.E. of An Sgùrr, Isle of Eigg, 1949, D. H. BARRY and B. W. RIBBONS.

577/4. *STACHYS* × *AMBIGUA* Sm. 57, Derby; field side on very damp ground between Dronfield Woodhouse and Holmesfield, F. W. ADAMS.

§581/1. *LAMIUM ALBUM* L. *97, Westernness; Onich: 101, Cantyre; Glenbarr, K. N. G. MACLEAY.

581/4. *LAMIUM HYBRIDUM* Vill. 34, W. Glos.; (2b) Sharpness Docks, several plants, R. B. ABELL and C. W. BANNISTER; confirmed by A. MELDERIS.

587/4. *AJUGA CHAMAEPITYS* (L.) Schreb. 14, E. Sussex; bare chalky patch on Bullock Down, Beachy Head, E. S. EDEES.

588/8h. *PLANTAGO LANCEOLATA* L. var. *ANTHOVIRIDIS* W. Wats. 13, W. Suss.; edge of motor race track, Goodwood, N. D. SIMPSON and D. E. ALLEN. 50, Denbigh; Maeshafn, near Llanferres, D. E. ALLEN. 59, S. Lancs.; in colonies in dune slacks, Birkdale, along with the type and intermediate specimens, D. E. ALLEN.

+596/9. *AMARANTHUS ALBUS* L. 23, Oxon.; waste ground, Port Meadow, Oxford, R. B. ABELL and C. W. BANNISTER, det. J. P. M. BRENNAN.

§+600/7. *CHENOPodium OPULIFOLIUM* DC. *37, Worcs.; waste ground, Lion Lane, Worcester, F. M. DAY.

600/12. *CHENOPodium FICIFOLIUM* Sm. 20, Herts.; garden weed, Moor Park, Rickmansworth, F. M. DAY.

+600/20. *CHENOPodium STRICTUM* Roth. 34, W. Glos.; (2b) Sharpness Docks, R. B. ABELL and C. W. BANNISTER, det. J. P. M. BRENNAN.

+600/23. *CHENOPodium BERLANDIERI* Moq. subsp. *ZSCHACKEI* (J. Murr.) Zobel. 34, W. Glos.; (2b) Sharpness Docks, 1950, R. B. ABELL and C. W. BANNISTER, det. J. P. M. BRENNAN.

+613/3. *SALSOLA PESTIFER* A. Nels. 22, Berks.; (4) Manor Tip, Reading, J. OUNSTED and P. NEWBY

615/28. *POLYGONUM AMPLEXICAULE* D. Don. 10, Wight; cliff-top between Sandown and Shanklin, C. C. TOWNSEND, det. A. MELDERIS.

618/1. *RUMEX HYDROLAPATHUM* Huds. 88, Mid Perth; several plants, widely spaced along north bank of River Earn between Dalreoch Bridge and Orchard, A. W. ROBSON.

618/7. *RUMEX SANGUINEUS* L. 23, Oxon.; (7) a single specimen in Shiplake Churchyard, J. OUNSTED, confirmed by J. E. LOUSLEY.

+618/20. *RUMEX PATIENTIA* L. subsp. *ORIENTALIS* (Bernh.) Danser. 34, W. Glos.; (2b) Sharpness Docks, many very large plants, R. B. ABELL and C. W. BANNISTER, det. J. E. LOUSLEY.

§628/11. *EUPHORBIA CYPARISSIAS* L. *+98, Argyll; railway bank near Dalmally, probably escape, K. N. G. MACLEAY.

§628/13. *EUPHORBIA PORTLANDICA* L. *13, W. Sussex; Wittering, C. ESPLAN.

§632/2. *MERCURIALIS ANNUA* L. *71, Man; garden weed, Port Erin, since 1945, J. R. BRUCE, comm. D. E. ALLEN.

632/2b. *MERCURIALIS ANNUA* L. var. *AMBIGUA* (L. f.) Duby. 33, E. Glos.; (2a) Tewkesbury, gardens and waste ground; (2b) Gloucester, waste ground: 34, W. Glos.; (2b) Sharpness Docks, R. B. ABELL and C. W. BANNISTER: in both places with the typical form.

†636/1. *FIGUS CARICA* L. 57, Derby; over 1 metre high on the banks of the Chesterfield canal not far from Staveley, F. W. ADAMS.

637/2. *URTICA URENS* L. 104, N. Ebudes; foot of An Sgùrr beneath overhanging rocks where sheep shelter, c. 1000 ft., Isle of Eigg, 1949, D. H. BARRY and B. W. RIBBONS.

§650/1. *SALIX PENTANDRA* L. †*28, West Norfolk; in old fen-woodland east of Blackborough Priory, Middleton, King's Lynn, five female trees; this site is shortly to be cleared, E. L. SWANN.

652/1. *EMPETRUM NIGRUM* L. 72, Dumfries; Hindhill, Moffat, 1889. 76, Renfrew; shore near Wemyss Bay, 1851; Inverkip shore, 1851. 77, Lanark; Thankerton Moor, 1907, D. PATTON. 78, Peebles; Hills, Peebles, 1886, R. KIDSTON. 85, Fife; foot of Dumglow, Cliesh, 1934; Cliesh Hills, 1937. 86, Stirl.; Flanders Moss, 1893, J. S. STIRLING and R. KIDSTON. 87, W. Perth; Flanders Moss, 1951, B. W. RIBBONS. 88, Mid Perth; N.E. slopes of Ben Dubh Chraig, c. 2000 ft. in vacciniatum, 1951, B. W. RIBBONS; Coille Coire Chuile, c. 850 ft. in open pine wood, 1951, B. W. RIBBONS. 92, S. Aberd.; Braemar, 1854, A. CROALL. 95, Elgin; Hopeman, 1913, D. PATTON. 97, Westernness; sand dunes near Cross Farm between Arisaig and Morar, 1932, J. WALTON. 100, Clyde Is.; Isle of Bute, 1903, T. WISE; near shore at Millport, 1950, K. W. BRAID. 104, N. Ebudes; N.E. slope of An Sgùrr, Eigg, 1949, D. H. BARRY and B. W. RIBBONS, det. E. F. WARBURG. All comm. and det. B. W. RIBBONS, confirmed by E. F. WARBURG.

§652/2. *EMPETRUM HERMAPHRODITUM* (Lange) Hagerup. *88, Mid Perth; Creag na Caillich, 1844; Schiehallion, 1881, R. KIDSTON; on Stac a' Chroin Ridge, Beinn Each, c. 2000-2500 ft., 1941, J. WALTON; in vacciniatum on N.E. slopes of Ben Dubh Chraig, c. 2100 ft. and 2500 ft., 1951, B. W. RIBBONS; Perthshire Corrie, Beinn Laoigh, c. 2700 ft., 1951, B. W. RIBBONS. 90, Forfar; Driesh, 1932, J. WALTON; streamside at head of Glen Doll, c. 1500 ft., 1951, B. W. RIBBONS; among boulders in wood below Craig Maud, c. 1700 ft., 1951, B. W. RIBBONS; summit of Craig Maud, c. 2500 ft., 1951, B. W. RIBBONS; Corrie Fee, c. 2000 ft., 1951, B. W. RIBBONS. *98, Argyll; Ben Ime, 1891, R. and T. WILKIE; Beinn Narnain, c. 3000 ft., 1949, B. W. RIBBONS. *100, Clyde Is.; Rothesay, 1836; near Lochranza, Arran, 1883, J. WYLIE. All comm. and det. B. W. RIBBONS, confirmed by E. F. WARBURG.

§653/2. *CERATOPHYLLUM DEMERSUM* L. *95, Elgin; near the boat house on Loch Spynie, Dr. RICHTER and M. McCALLUM WEBSTER, det. J. E. LOUSLEY.

668/1. *EPIPACTIS PALUSTRIS* (L.) Crantz. 70, Cumb.; dune slacks, Haverigg, D. E. ALLEN and E. A. ROBINSON, comm. CARLISLE MUSEUM.

669/11. *ORCHIS FUCHSII* Druce. 38, Warw.; specimen with bifurcate inflorescence, railway bank by Birdingbury Station, 1949, D. E. ALLEN. 59, S. Lancs.; specimen with all the flowers not inverted, Birkdale dunes, D. E. ALLEN.

669/11×10. *ORCHIS ERICETORUM* (E. F. Linton) E. S. Marsh. × *FUCHSII* Druce. 63, S.W. Yorks.; boggy ground in Rivelin Valley near Sheffield with *O. ericetorum*, F. W. ADAMS, confirmed by V. S. SUMMERHAYES.

§669/14. *ORCHIS MASCULA* (L.) L. †74, Wigtown; near Port Patrick, 1951, Mrs. ORR-EWING, comm. V. S. SUMMERHAYES; see *Top. Bot., Suppl.* 1, for earlier record.—ED.

§669/18. *HIMANTOGLOSSUM HIRCINUM* (L.) Spreng. *26, W. Suffolk; by the side of the Brandon-Santon Downham road, found by J. M. BRUCE; as the plant was growing within 4 in. of a metalled road about to be widened it has been removed to a spot 5 yards further away, E. L. SWANN.

674/1. *GYMNADENIA CONOPSEA* (L.) R.Br. 50, Denbigh; a specimen with flowers half the normal size and more numerous, but with bracts of normal length, Maeshafn, near Llanferres, D. E. ALLEN, V. GORDON and H. E. GREEN.

674/1b. *GYMNADENIA CONOPSEA* (L.) R.Br. var. *DENSIFLORA* Lindl. 55, Leics.; bog, Botcheston, R. H. HALL and F. A. SOWTER.

§+678/1. *CROCUS NUDIFLORUS* Sm. 57, Derby; a small colony at the edge of marshy ground in Brierley woods near Chesterfield, F. W. ADAMS. †64, N.W. Yorks.; near outskirts of Knaresborough, J. Rathwell, 1952, *The Naturalist*, 840, 30.

§680/1. *SISYRINCHIUM ANGUSTIFOLIUM* Mill. †*5, S. Som.; in grass by track on Dunkery Beacon, 1951, Miss E. M. MEDWIN.

§+702/7. *ALLIUM TRIQUETRUM* L. *71, Man; Poolyvash, 1946, Miss LODGE, comm. D. E. ALLEN.

§+702/8. *ALLIUM CARINATUM* L. *80, Roxburgh; small quantity along banks of River Teviot near Mansfield Football Grounds, Hawick, A. W. ROBSON.

†702/19. *ALLIUM PARADOXUM* (Bieb.) Don. 83, Edinburgh; woods, Polton, U. K. DUNCAN, confirmed J. E. LOUSLEY.

706/1. *SCILLA VERNA* Huds. 95, Elgin; on grassy sea cliffs near Burghead, M. McCALLUM WEBSTER.

§707/2. *ORNITHOGALUM UMBELLATUM* L. *+95, Elgin; a few plants in Darnaway Castle woods, M. McCALLUM WEBSTER. *+98, Argyll; oak wood on shore of Loch Awe, probably escape but no house nearer than two miles, K. N. G. MACLEAY.

711/1. *GAGEA LUTEA* (L.) Ker-Gawler. 28, W. Norfolk; Wailing Wood, Watton; this wood, felled about 50 years ago, is now mainly hazel with floor carpet of *Anemone* and *Scilla non-scripta*; seven flowering plants but many barren ones stretching about fifteen feet on either side of the track in the south corner; sub-soil chalk; Miss E. R. NOBLE, comm. E. L. SWANN.

§716/1. *PARIS QUADRIFOLIA* L. *98, Argyll; damp ground in oak wood on east shore of Loch Awe, K. N. G. MACLEAY.

718/12b. *JUNCUS KOCHII* F. Schultz. 9, Dorset; on site of demolished pill-box, Littlesea: 11, S. Hants.; abundant in rides in the New Forest, D. E. ALLEN and N. D. SIMPSON. 51, Flint; track on Nerquis Mountain, V. GORDON, det. and comm. D. E. ALLEN. 58, Ches.; path, Delamere Forest, with *J. bulbosus* L., V. GORDON, det. and comm. D. E. ALLEN.

737/25. *POTAMOGETON PUSILLUS* L. sec. Dandy & Taylor. 37, Worcs.; pond in the Golden Valley, Hollybed, 1951, C. C. TOWNSEND, confirmed J. E. DANDY and G. TAYLOR.

§739/1. *ZANNICHELLIA PALUSTRIS* L. *98, Argyll; Loch Sween, found by the late Mr. Elmhirst of Millport in 1949, J. R. Lee *in litt.* to K. N. G. MACLEAY.

740/1. *ZOSTERA MARINA* L. 10, Wight; very abundant in a concrete dock between Norton and Sconce Point, C. C. TOWNSEND, det. T. G. TUTIN.

745/1B. *ELEOCHARIS PALUSTRIS* (Linn.) Roem. & Schult. ssp. *MICROCARPA* S. M. Walters. 33, E. Gos.; (2a) above the lock, Upper Lode, Tewkesbury, C. C. TOWNSEND, det. S. M. WALTERS.

745/3. *ELEOCHARIS MULTICAULIS* (Sm.) Sm. 34, W. Gos.; (3) Walmore Common, nr. Minsterworth, C. W. BANNISTER.

745/4. *ELEOCHARIS ACICULARIS* (L.) Roem. & Schult. 33, E. Gos.; (2a) on mud on bank of river at Upper Lode, nr. Tewkesbury, with *Limosella aquatica*, C. W. BANNISTER.

§753/1. *CAREX PSEUDOCYPERUS* L. *H.26, E. Mayo; bogland near Lough Carra, H. MILNE-REDHEAD.

§753/3. *CAREX ACUTIFORMIS* Ehrh. *71, Man; The Great Meadow, Malew, 1946, C. I. PATON, comm. D. E. ALLEN.

§753/13. *CAREX LAEVIGATA* Sm. *95, Elgin; Greshop Wood, Forres, 1950, A. C. G. GOUGH and M. HUNTER.

753/20(2). *CAREX DEMISSA* Hornem. 10, Wight; boggy western end of St Helens Green, C. C. TOWNSEND, confirmed by E. NELMES: 50, Denbigh; marshy edge of pool overlying Carboniferous Limestone, Maeshafn, near Llanferres, D. E. ALLEN, det. N. D. SIMPSON. 103, Mid Ebudes; marsh at the western end of Loch Cliad, Isle of Coll, C. W. MUIRHEAD, det. E. NELMES, comm. CARLISLE MUSEUM.

753/21. *CAREX LEPIDOCARPA* Tausch. 103, Mid Ebudes; moorland ditch above Loch à Mhill Aird, Isle of Coll, C. W. MUIRHEAD, det. E. NELMES, comm. CARLISLE MUSEUM.

753/22. *CAREX SEROTINA* Mérat. 103, Mid Ebudes; margin of Loch Cliad; Grishipoll Bay, Isle of Coll, C. W. MUIRHEAD, det. E. NELMES, comm. CARLISLE MUSEUM.

§753/29. *CAREX ERICETORUM* Poll. *60, W. Lancs.; lower slopes of the limestone hills south-west of Hawes Water, Silverdale, 1951, H. E. BUNKER, confirmed E. NELMES.

§753/61. *CAREX PAIRAEI* F. Schultz. *10, Wight; a colony growing with *C. divulsa* by the roadside between Godshill and Bleak Down, C. C. TOWNSEND, det. E. NELMES.

753/62. *CAREX DIVULSA* Stokes. 10, Wight; a colony by the roadside between Godshill and Bleak Down, C. C. TOWNSEND, confirmed by E. NELMES.

753/74. *CAREX PULICARIS* L. 14, E. Sussex; bog by Old Lodge, Ashdown Forest, E. C. WALLACE.

†754/1. *PANICUM MILIACEUM* L. 22, Berks.; (4) plentiful on a rubbish tip at Burghfield, C. J. CADBURY, det. and comm. J. OUNSTED.

†754/8. *ECHINOCHLOA CRUS-GALLI* (L.) Beauv. 33, E. Gos.; (2a) Ashchurch, many plants among carrots, R. B. ABELL and C. W. BANNISTER, confirmed C. E. HUBBARD. 34, W. Gos.; (2b) Sharpness Docks, several plants, R. B. ABELL and C. W. BANNISTER; (3) Hartpury, among carrots, F. MANTHORPE, confirmed C. E. HUBBARD, comm. C. W. BANNISTER.

†754/9. *ECHINOCHLOA FRUMENTACEA* Link. 18, S. Essex; waste ground, Dagenham, N. Y. SANDWITH, confirmed by C. E. HUBBARD.

†756/1. *SETARIA ITALICA* (L.) Beauv. 23, Oxon.; waste ground, Jackdaw Lane and Port Meadow, Oxford, several large plants in both places, R. B. ABELL and C. W. BANNISTER, det. C. E. HUBBARD.

+756/2d. *SETARIA VIRIDIS* (L.) Beauv. var. *BREVISETA* (Doell) Rouy. 73, Kirkcudbright; Corbieton, Castle Douglas, as a garden-weed growing near sugar-beet, Miss E. BIGGAR, comm. U. K. DUNCAN, det. C. E. HUBBARD.

§758/3. *SPARTINA TOWNSENDII* H. & J. Groves. *+25, E. Suff.; Walberswick, R. M. PAYNE, det. C. E. HUBBARD.

+765/6. *PHALARIS BRACHYSTACHYS* Link. 34, W. Glos.; (2b) Sharpness Docks, several plants, 1950, R. B. ABELL and C. W. BANNISTER, det. C. E. HUBBARD.

+765/7. *PHALARIS PARADOXA* L. 62, N.E. Yorks.; siding at Topcliffe Station with other aliens, 1937, C. M. ROB, det. A. MELDERIS.

§770/1. *ALOPECURUS PRATENSIS* L. *97, Westernness; on the east shore of Loch Linnhe near Corran, locally frequent, K. N. G. MACLEAY.

+780/1. *AGROSTIS SEMIVERTICILLATA* (Forsk.) C. Christ. 90, Forfar; Dundee Corporation tip, U. K. DUNCAN, B. M. C. MORGAN and R. A. GRAHAM, det. C. E. HUBBARD.

§782/1. *POLYPOGON MONSPELIENSIS* (L.) Desf. *+90, Forfar; Dundee Corporation tip, U. K. DUNCAN, B. M. C. MORGAN and R. A. GRAHAM

783/1. *CALAMAGROSTIS EPIGEJOS* (L.) Roth. 39, Staffs.; a small patch in a mixed plantation near Moxley sanatorium, 1951, V. JACOBS.

§783/4. *CALAMAGROSTIS NEGLECTA* (Ehrh.) Gaertn., Mey. & Scherb. †61, S.E. Yorks.; abundant by the Leven canal near Beverley, Miss E. Crackles, 1952, *The Naturalist*, **840**, 30.

795/1b. *ARRHENATHERUM ELATIUS* (L.) J. & C. Presl var. *BI-ARISTATUM* Peterm. 20, Herts.; Moor Park, Rickmansworth; 37, Worcs.; roadside near Honeybourne, F. M. DAY.

797/1. *CYNODON DACTYLON* (L.) Pers. +17, Surrey; Babylon Lane, Kingswood, 1949, Miss E. M. C. Isherwood in Lousley, 1950, Bot. Records for 1949, *Lond. Nat.*, **29**, 10.

808/1. *CYNOSURUS ECHINATUS* L. +90, Forfar; waste ground, Dundee, B.S.B.I., comm. U. K. DUNCAN, confirmed A. MELDERIS.

809/1. *KOELERIA GRACILIS* Pers. 36, Heref.; Eastnor Park, on Wenlock Limestone, F. M. DAY.

§+824/1. *POA CHAIXII* Vill. *95, Elgin; in a wood at Newton House, Alves, M. McCALLUM WEBSTER, det. J. E. LOUSLEY.

824/11. *POA ALPINA* L. 96, Easternness; non-viviparous form in rock gully, upper Glen Feshie, E. C. WALLACE.

826/3b. *FESTUCA ARUNDINACEA* Schreb. var. *STRICTIOR* (Hack.) Hegi. 34, W. Glos.; (3) marshy field near Barbers Bridge station, 1950, C. C. TOWNSEND, det. W. O. HOWARTH.

826/7e. *FESTUCA RUBRA* Linn. var. *PRUINOSA* (Hack.) Howarth. 4, N. Devon; cliffs of the Tors, Lynmouth, 1950, C. C. TOWNSEND, det. W. O. HOWARTH.

826(2)/3b. *VULPIA BROMOIDES* (L.) Gray var. *INTERMEDIA* (Hack.). 34, W. Glos.; (4) on a wall, Pleasant Stile, near Newnham, 1949, C. C. TOWNSEND, det. W. O. HOWARTH.

827/5. *BROMUS MADRITENSIS* L. †90, Forfar; waste ground, Dundee, B.S.B.I., comm. U. K. DUNCAN, confirmed C. E. HUBBARD.

827/6b. *BROMUS BENEKENII* (Lange) Trimen. 62, N.E. Yorks.; roadside, Ashberry near Rievaulx, D. McCLINTOCK and C. M. ROB, det. A. MELDERIS.

827/7. *BROMUS ERECTUS* Huds. 66, Durham; Garmondsway, J. W. H. HARRISON, etc. (1951, *Vasc. Subst.*, 36, 22).

†827/9. *BROMUS INERMIS* Leyss. 90, Forfar; roadside between Dundee and Muirtown, 1950, U. K. DUNCAN and C. M. ROB, det. A. MELDERIS.

†827/9b. *BROMUS INERMIS* Leyss. var. *ARISTATUS* Opiz. 28, W. Norfolk, in open, sandy waste ground on landward side of sea-bank, Snettisham Beach: on the east side of Ten Acre Plantation, East Harling Heath, det. C. E. HUBBARD; E. I. SWANN.

827/16. *BROMUS SECALINUS* L. 65, N.W. Yorks.; Tanfield Mill, 1939, C. M. ROB, det. A. MELDERIS.

827/16d. *BROMUS SECALINUS* L. var. *SUBMUTICUS* Reichb. 62, N.E. Yorks.; railway siding, Topcliffe Station, C. M. ROB, det. A. MELDERIS.

§827/19(2). *BROMUS LEPIDUS* Holmb. *71, Man; roadside near Laxey, 1939, C. M. ROB, det. A. MELDERIS.

827/19(3). *BROMUS THOMINII* Hard. 71, Man; roadside near Laxey, 1939, C. M. ROB, det. A. MELDERIS.

§†827/22. *BROMUS ARVENSIS* L. *62, N.E. Yorks.; railway siding, Topcliffe Station, 1948, C. M. ROB, det. A. MELDERIS.

†827/29. *BROMUS JAPONICUS* Thunb. 62, N.E. Yorks.; railway siding, Topcliffe Station, 1950, C. M. ROB, det. A. MELDERIS.

†829/2. *LOLIUM TEMULENTUM* L. †33, E. Glos.; (2a) Borough Flour Mills, Tewkesbury, C. W. BANNISTER, det. C. E. HUBBARD; see *Fl. Glos.* for earlier records.—ED.

†829/6. *LOLIUM RIGIDUM* Gaud. 34, W. Glos.; (2b) Sharpness Docks, R. B. ABELL and C. W. BANNISTER, det. C. E. HUBBARD.

†832/11. *AEGILOPS CYLINDRICA* Host. 62, N.E. Yorks.; railway siding, Topcliffe Station, 1950, C. M. ROB, det. A. MELDERIS.

833/3. *PARAPHOLIS INCURVA* (L.) C. E. HUBBARD. 25, E. Suff.; Southwold, R. M. PAYNE.

†835/4. *HORDEUM HYSTRIX* Roth (*H. Gussonianum* Parl.). 33, E. Glos.; (2a) Borough Flour Mills, Tewkesbury, C. W. BANNISTER, det. C. E. HUBBARD.

§839/1. *JUNIPERUS COMMUNIS* L. *71, Man; Dreeym Gill, Glen Aldyn, "probably bird-sown", 1947, G. E. QUAYLE, comm. D. E. ALLEN.

839/2. *JUNIPERUS SIBIRICA* Burgsd. 104, N. Ebudes; cliffs above Cleadale at 1050 ft., Isle of Eigg, 1949, D. H. BARRY and B. W. RIBBONS.

§844/1. *EQUISETUM TELMATEIA* Ehrh. †101, Cantyre; in roadside ditch between Campbeltown and Glen Lusa, plentiful for about two miles; West Loch, Tarbet, local, K. N. G. MACLEAY (see *Top. Bot.* for earlier record.—E.C.W.).

§844/2×5. *EQUISETUM × LITORALE* Kuhl. *8, S. Wilts.; bank of canal, Horton Bridge near Devizes, J. D. GROSE and E. C. WALLACE.

844/3b. *EQUISETUM SYLVATICUM* L. var. *CAPILLARE* (Hoffm.). 18, S. Essex; Epping Forest, R. M. PAYNE, det. A. MELDERIS.

§844/8. *EQUISETUM × TRACHYODON* A. Braun. *88, Mid Perth; shore of Loch Tummel, 1948, I. W. FROST.

844/9. *EQUISETUM VARIEGATUM* Schleich. 70, Cumb.; sand dunes, Haverigg, D. E. ALLEN and E. A. ROBINSON, comm. CARLISLE MUSEUM.

856/1(2). *DRYOPTERIS BORRERI* Newm. 18, S. Essex; Epping Forest, R. M. PAYNE.

859/1. *CETERACH OFFICINARUM* DC. 18, S. Essex; Maldon, R. M. PAYNE.

869/2. *ISOETES ECHINOSPORA* Durieu. 103, Mid Ebudes; Loch Airidh Meall Bhreide, near Aninagour, Isle of Coll, C. W. MUIRHEAD, det. A. H. G. ALSTON, comm. CARLISLE MUSEUM.

870/5. *LYCOPodium CLAVATUM* L. 17, Surrey; beneath conifers, Leith Hill, 1948, B. W. RIBBONS.

870/7. *LYCOPodium SELAGO* L. 71, Man; summit of Snaefell, 1946, A. P. CONOLLY, comm. D. E. ALLEN.

874-876. CHAROPHYTA. All determined by G. O. ALLEN.

874/1. NITELLOPSIS OBTUSA (Desv.) Gr. 27, E. Norf.; Hickling Broad, G. H. ROCKE.

†876/1. CHARA BRAUNII Gmel. 59, S. Lancs.; canal on Trias (Bunter sandstone), Reddish, 250', S. SHAW, comm. T. R. LAYCOCK.

876/3c. CHARA VULGARIS L. var. PAPILLATA Wallr. 31, Hunts.; Stibbington, J. L. GILBERT. 33, E. Gos.; (7b) sandpits, Sandy Lane, near Cheltenham, C. C. TOWNSEND.

876/7×5. CHARA CONTRARIA Kuetz. × HISPIDA L. 37, E. Norf.; Hickling Broad, C. WEST.

876/13. CHARA DESMACANTHA Gr. & B.-W. 69, Westm.; Sunbiggin Tarn, near Orton, J. W. G. LUND.

876/14. CHARA CONNIVENS A. Braun. 27, E. Norf.; Hickling Broad, G. H. ROCKE.

876/16b. CHARA GLOBULARIS Thuill. var. GLOBULARIS. 64, Mid W. York.; R. Ribble near Hellfield, 1951, J. N. FRANKLAND.

§876/17. CHARA DELICATULA Ag. *71, Man; Nappie, near Jurby, D. E. ALLEN.

876/17b. CHARA DELICATULA Ag. var. BARBATA (Gant.) Gr. & B.-W. 64, Mid W. York; Halton West, J. N. FRANKLAND.