

PLANT RECORDS

Compiled by E. C. WALLACE.

Records are for the year 1952 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 to an annotated copy of the *Comital Flora*.
- † before the *B.P.L.* number: to indicate that the plant is not a native species in the British Isles.
- † before the record: to indicate a species which, though native in some parts of the British Isles, is not so in the locality recorded.
- * before the record: to indicate a new vice-county record, not published previously to this issue of the *Proceedings*.
- ‡ before the record: to indicate a record additional to an annotated copy of *Comital Flora*, but published elsewhere prior to the issue of the *Proceedings* in which it appears.
- [] 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.

§4/1. ADONIS ANNUA L. 16, W. Kent; near Darenth Wood, H. M. Pratt (1951, Kent & Lousley, *Hand List*, 2): cornfields, Cotton Farm, Stone, 1951, J. H. McCALL, conf. J. E. LOUSLEY. ††31, Hunts.; garden weed, Alconbury, Mr. and Mrs. J. E. H. Blackie (1949, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1949, 14).

§6/6. RANUNCULUS LINGUA L. ††, 18, S. Essex; Baldwin's Hill, Loughton, 1948 (1951, Kent & Lousley, *Hand List*, 5): Cook's Pond, Woodford Green, 1951, B. T. WARD. 38, Warwick; a fine group of a score or so plants in an old marl-pit, half a mile north of Brandon Grange, W. F. Shotton (1951, *Proc. Coventry & Dist. N.H. & Scient. Soc.*, 2, 162).

6/13. RANUNCULUS PARVIFLORUS L. 17, Surrey; (IIIa) Thursley Common, B. M. C. MORGAN.

§6/20. RANUNCULUS FLUITANS Lam. †16, W. Kent; in the river Medway, Hartlake Bridge, Hadlow, D. McClintock and F. Rose (1952, *S.E. Nat.*, 57, xviii).

6/30. RANUNCULUS LUTARIUS (Revel) Bouvet. 52, Anglesey; marshy ground below Fferam, near Rhosneigr, with *R. hederaceus*, C. C. TOWNSEND, conf. R. W. BUTCHER.

6/31. *RANUNCULUS LENORMANDI* F. W. Schultz. 98, Argyll; Glen Coe; ditch beside Rectory in Carnach village, 1951, K. N. G. MacLEAY. [*Top. Bot. & Supps.* make no reference to v.c. 98, though it is quoted in *C.F.*]

11/1. *AQUILEGIA VULGARIS* L. †97 (Argyll); Strontian, hedge at roadside to old lead mines—?garden escape, A. A. SLACK.

19/2. *NUPHAR PUMILA* (Timm) DC. 98, Argyll; Lochan na Cut-haig, Lorne; nameless lochan above Portsonachan, Loch Awe, K. N. G. MacLEAY.

21/5. *PAPAVER ARGEMONE* L. 45, Pemb.; St. Davids, a few plants on roadside bank near Pen Arthur, R. M. PAYNE. 90, Forfar; railway embankment near Elliot station, a few plants, A. W. ROBSON.

31/1. *CORYDALIS CLAVICULATA* (L.) DC. †21, Middx.; bombed site, Theobalds Road, W.C., 1950, J. WHITTAKER, det. E. B. BANGERTER, comm. D. H. KENT.

32/5. *FUMARIA BORAEI* Jord. 57, Derby, and 63, S.W. Yorks.; locally abundant on cultivated land at, and about, Dore, Sheffield, F. W. ADAMS, comm. N. Y. SANDWITH.

32/9. *FUMARIA BASTARDI* Bor. 45, Pemb.; St. Davids, R. M. PAYNE, det. A. MELDERIS.

35/1×35/1(2). *ROBIPPA* × *STERILIS* Airy-Shaw. *92, S. Aberd.; stream below Kildrummy Castle, 1951: *93, N. Aberd.; stream by Cardrum near Old Meldrum, 1951, A. G. LYON.

35/1(2). *ROBIPPA MICROPHYLLA* (Boenn.) Hylander. *4, N. Devon; Baggypoint, Croyde, near Ilfracombe, T. G. COLLETT, det. and comm. D. H. KENT.

36/1. *BARBAREA STRICTA* Andrz. 16, W. Kent; Abbey Wood Marshes, one plant, LONDON NATURAL HISTORY SOCIETY EXCURSION, conf. and comm. D. H. KENT. 21, Middx.; Chiswick House grounds, R. A. BONIFACE, comm. D. H. KENT.

§36/2. *BARBAREA VERNA* (Mill.) Aschers. ††43, Radnor; Nantmel, J. A. Webb (1945, *N.W.Nat.*, 20, 157).

36/5. *BARBAREA INTERMEDIA* Bor. 33, E. Glos.; (7a) roadside, Foxcote, Miss L. ABELL.

37/5. *CARDAMINOPSIS PETRAEA* (L.) Hiit. 97, (Argyll); scree on hill above Glen Cripesdale, Loch Sunart, K. N. G. MacLEAY and E. C. WALLACE.

§43/2. *DRABA NORVEGICA* Gunn. *105, W. Ross; northern crags on Beinn Dearg, and on Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

§44/1. *EROPHILA VERNA* (L.) Chevall. *97, (Argyll); Strontian, roadside verge on way to old lead mines, A. A. SLACK.

§45/2. *COCHLEARIA OFFICINALIS* L. ††21, Middx.; waste ground close to Tower Hill railway station and All Hallows Church, a number of seedlings, but only one plant in flower, W. N. Lawfield, fide E. B. Bangarter (1951, Kent & Lousley, *Hand List*, 17).

§45/7. *COCHLEARIA DANICA* L. ††21, Middx.; growing plentifully between the metals on railway main line by Scratch Wood sidings near Edgwarebury, J. G. Dony (1951, Kent & Lousley, *Hand List*, 17).

†47/2. *HESPERIS MATRONALIS* L. 43, Radnor; on road metal, Forest Inn, Nantmelan; near Monaughty; Llandrindod Wells; Doldowld; plentiful near Llanyre by the Newbridge Road, J. A. Webb (1945, *N.W. Nat.*, 20, 157).

†49/4. *SISYMBRIUM ORIENTALE* L. 43, Radnor; rail bank and Station Yard, Rhayader, J. A. Webb (1945, *N.W. Nat.*, 20, 157). 49, Caern.; waste ground near the station, Llandudno, C. C. TOWNSEND.

[§49/5. *SISYMBRIUM IRIO* L. 54, N. Lincs.; erroneously recorded in *B.E.C. 1941-42 Rep.*, 480 (1944). The specimen in *Herb. Mus. Brit.* is *S. loeselii* L., teste E. B. BANGARTER and B. WELCH. Delete from *C.F.*]

54/1. *BRASSICA OLERACEA* L. †100, Clyde Isles; Arran, 1918, T WISE (*Herb. Glasgow Univ.*), comm. D. PATTON.

54/4d. *BRASSICA RAPA* var. *BRIGGSII* H. C. Wats. 33, E. Glos.; (2a) banks of river Severn and adjoining fields near Ashleworth Ferry, C. C. TOWNSEND.

§54/5. *RHYNCHOSINAPIS MONENSIS* (L.) Dandy. *†90, Forfar; reclaimed ground west of Tay Bridge, Dundee, a few plants, A. W. ROBSON.

§54/13. *BRASSICA NIGRA* (L.) Koch. †43, Radnor; near Newchurch on shale-banks, 1948, J. A. Webb (1952, *Proc. Swansea Scient. & F.N.S.*, 10, 324). *100, Clyde Isles; Whiting Bay, 1883, Dr. J. WYLIE (*Herb. Glasgow Univ.*), comm. D. PATTON.

54/15. *SINAPIS ALBA* L. †100, Clyde Isles; Great Cumbræ, 1884, Dr. R. M. BUCHANAN (*Herb. Glasgow Univ.*), comm. D. PATTON.

†54/18(2)b. *BRASSICA INTEGRIFOLIA* var. *CARINATA* (A. Braun) O. E. Schulz. 21, Middx.; garden weed, Cricklewood, J. FARRAND, det at Kew, comm. D. H. KENT.

†54/22. *HIRSCHFELDIA INCANA* (L.) Lagr.-Foss. 6, N. Som.; sand dunes N. of Berrow Church, 1951, C. I. and N. Y. SANDWITH.

55/2. *DIPLLOTAXIS MURALIS* (L.) DC. †56, Notts.; railway bank near Welham Manor, F. W. ADAMS.

§60/1. *CORONOPUS DIDYMUS* (L.) Sm. †43, Radnor; plentiful, Llandrindod Common; Clyro towards Rhydspence; Cwmbach; Glasbury, J. A. Webb (1945, *N.W.Nat.*, 20, 157).

§†61/3. *CARDARIA DRABA* (L.) Desv. †31, Hunts.; Houghton and Salome Wood, Mr. and Mrs. J. H. Blackie (1950, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1949, 15). †100, Clyde Isles; Great Cumbrae, 1909, D. PATTON (*Herb. Glasgow Univ.*)—but see J. R. Lee, *Flora of the Clyde Area*, 36 (1933).

61/7. *LEPIDIUM SMITHII* Hook. 97, (Argyll); roadside verge at Killundine, E. C. WALLACE and K. N. G. MACLEAY.

§64/1. *THLASPI ARVENSE* L. †43, Radnor; frequent in kitchen garden, Ridgebourne, Llandrindod, J. A. Webb (1945, *N.W.Nat.*, 20, 157).

†76/1. *RAPISTRUM PERENNE* (L.) All. 21, Middx.; bombed site, Hammersmith, two plants, N. Y. SANDWITH, comm. D. H. KENT.

§80/2. *RAPHANUS MARITIMUS* Sm. *97, (Argyll); Ardgour, shore near roadside to south of Corran Ferry: 98, Argyll; shingly shore between Dunoon and Inellan, Cowal, K. N. G. MACLEAY and E. C. WALLACE.

†85/1. *RESEDA ALBA* L. 36, Heref.; roadside, Ross-Monmouth road, between Ross and Pencraig, many fine plants, C. W. BANNISTER.

85/2b. *RESEDA LUTEA* var. *PULCHELLA* J. Muell. †21, Middx.; bombed site, Hammersmith, N. Y. SANDWITH, comm. D. H. KENT.

§88/3. *VIOLA REICHENBACHIANA* Jord. ex Bor. †18, S. Essex; Lambourne, R. W. Robbins (1951, Kent & Lousley, *Hand List*, 28).

§88/8. *VIOLA ODORATA* L. †43, Radnor; near Boughrood; Pistyll; Glasbury; between Clyro and Hay, J. A. Webb (1945, *N.-W. Nat.*, 20, 157).

88/8d. *VIOLA ODORATA* var. *DUMETORUM* (Jord.) Rouy & Fouc. 33, E. Glos.; (7a) Mill Lane, Prestbury, Cheltenham, 1949. The first specimen I have seen in the county, though the *Flora* has several records; f. *imberbis* is the common Cotswold white sweet violet, C. C. TOWNSEND, det. A. C. TALLANTIRE.

§88/34. *VIOLA TRICOLOR* subsp. *CURTISII* (E. Forst.) Syme. †101, Kintyre; fixed dunes of Machrihanish links at north end, E. C. WALLACE and K. N. G. MACLEAY—but see J. R. Lee, *Flora of the Clyde Area*, 43 (1933).

92/3. *DIANTHUS ARMERIA* L. 17, Surrey; Richmond Park, Mrs. L. M. P. SMALL, conf. A. MELDERIS, comm. D. H. KENT. 21, Middx.; foot of Parliament Hill, Hampstead, 1941, H. C. HARRIS (1949, *Lond. Nat.*, 28, 29).

§100/4. *CEASTIUM ARCTICUM* Lange. 105 and *106, W. and E. ROSS; scattered over Beinn Enaiglair, Braemore, in both v.cc., R. MACKECHNIE and E. C. WALLACE.

100/4×5. *CERASTIUM ARCTICUM* × *HOLOSTEOIDES*. 105, W. ROSS; Beinn Dearg, Beinn Enaiglair and on Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

§100/7. *CERASTIUM PUMILUM* Curt. †† 21, Middx.; railway bank near Mill Hill, E. MILNE-REDHEAD and J. G. DONY (1951, Kent & Lousley, *Hand List*, 35).

§100/9. *CERASTIUM ATROVIRENS* Bab. †† 21, Middx.; plentifully between the metals of the main line by Scratch Wood Sidings, near Edgwarebury, J. G. DONY (1951, Kent & Lousley, *Hand List*, 35): railway track, Brentford, 1951, D. H. KENT.

100/11. *CERASTIUM CERASTOIDES* (L.) Britton. 105 and 106, W. and E. ROSS; on Beinn Dearg in several places above 3000 ft. in moss, R. MACKECHNIE and E. C. WALLACE.

101/3b. *STELLARIA APETALA* Ucria. *48, Mer.; sand dunes, Barmouth, P. M. BENOIT, comm. NAT. MUS. WALES.

101/4. *STELLARIA NEGLECTA* Weihe. 105, W. ROSS; roadside verge, Foich, Inverbroom, R. MACKECHNIE and E. C. WALLACE.

102/1. *MOEHRINGIA TRINERVIA* (L.) Clairv. 98, Argyll; Glen Nant, E. C. WALLACE and K. N. G. MACLEAY; Craigantairbh, Ford: 101, Kintyre; Tayvallich, Knapdale, roadside plantation, K. N. G. MACLEAY.

§102/3. *ARENARIA NORVEGICA* Gunn. *97, (Argyll); on basalt scree, Morvern, E. C. WALLACE and K. N. G. MACLEAY.

102/8. *MINUARTIA TENUIFOLIA* (L.) Hiern. †21, Middx. and †24, Bucks.; railway tracks between Uxbridge and Denham, D. H. KENT.

103/2. *SAGINA SUBULATA* (Sw.) C. Presl. 52, Anglesey; rocks on the borders of Llyn Penryn and Llyn Dinam, C. C. TOWNSEND. 98, Argyll; roadside wall top, Taynult; limestone ridge above Kilchrenan, Lorn, E. C. WALLACE and K. N. G. MACLEAY.

103/7(2). *SAGINA FILICAULIS* Jord. 10, Wight; abundant and very constant at the south side of Blackgang Chine, 1951, C. C. TOWNSEND.

103/10. *SAGINA MARITIMA* Don ex Sm. 34, W. Glos.; (4) in quantity below Tidenham Crags on banks of Wye, C. C. TOWNSEND. The first record for Glos. outside the Bristol area.

§104/1. *SPERGULA ARVENSIS* L. *100, Clyde Isles; Cumbrae, 1884, R. M. BUCHANAN; Bute, 1903, T. WISE (*Herb. Glasgow Univ.*), comm. D. PATTON.

§104/2. *SPERGULA SATIVA* Boenn. †43, Radnor; near Llanellwedd; Penithon, J. A. Webb (1945, *N.-W. Nat.*, **20**, 157).

§105/1. *SPERGULARIA RUPICOLA* Lebel ex Le Jolis. *48, Mer.; Harlech Castle walls, P. M. BENOIT, comm. NAT. MUS. WALES.

§105/2. *SPERGULARIA MEDIA* (L.) C. Presl. *101, Kintyre; salt-marsh on Loch Sween, Caol Scotrish, K. N. G. MACLEAY.

§†108/1. *CLAYTONIA ALSINOIDES* Sims. *40, Salop; Little Stretton, near Church Stretton, 1951, J. GALLOWAY, comm. E. B. BANGERTER. 59, S. Lancs.; well established in many places about Bury, 1949-1952, F. SLATER.

§†108/2. *CLAYTONIA PERFOLIATA* Donn ex Willd. †75, Ayr; roadside between West Kilbride and Portincross since 1907, D. PATTON. *89, E. Perth; Pitlochry, 1933, L. J. TREMAYNE, comm. D. H. KENT. *99, Dunb.; on Dumbarton Castle Rock, D. PATTON.

109/2. *MONTIA FONTANA* subsp. *CHONDROSPERMA* (Fenzl) S. M. Walters. 34, W. Glos.; (4) May Hill, 1951, C. C. TOWNSEND, det. S. M. WALTERS.

§111/2. *ELATINE HEXANDRA* (Lapierre) DC. †3, S. Devon; Tamar Lake: †4, N. Devon; Fernworthy Reservoir, 1951, O. Greig (1952, *Rep. and Trans. Devon. Assocn.*, **84**, 255).

§112/1. *HYPERICUM ANDROSAEMUM* L. *72, Dumf.; Brocklehurst, Mrs. F. L. BALFOUR-BROWNE, det. and comm. E. B. BANGERTER.

†112/3. *HYPERICUM HIRCINUM* L. *52, Anglesey; wooded roadside banks between Menai Bridge and Beaumaris, F. C. G. GOUGH, comm. NAT. MUS. WALES.

§112/10. *HYPERICUM UNDULATUM* Schousb. ex Willd. *48, Mer.; Morfa Arthog, 1951, P. M. BENOIT, comm. NAT. MUS. WALES.

112/11. *HYPERICUM TETRAPTERUM* Fr. 98, Argyll; Loch Ederline, Ford; on grassy bank at roadside, K. N. G. MACLEAY.

§112/12. *HYPERICUM MACULATUM* Crantz. †18, S. Essex; near Woodhatch, 1909, C. Nicholson (*Herb. London Natural History Soc.*): roadside, Theydon Mount, 1951, R. M. PAYNE, comm. D. H. KENT. 39, Staffs.; below Thor's Cave near Wetton: 57, Derby; near the canal and river at Brimington, Chesterfield. Frequent in this neighbourhood, 1950, F. W. ADAMS. 100, Clyde Isles; Whiting Bay, Arran, 1883, Dr. J. WYLIE: Kildonan, Arran, 1890, R. & T. WILKIE (*Herb. Glasgow Univ.*), comm. D. PATTON.

§112/14 × 12. *HYPERICUM* × *DESETANGSI* Lamotte. *33, E. Glos.; (2a) from the bank near rubbish tip at Walham to above the tar works, R. S. GEORGE, det. at KEW.

§115/2. *ALTHAEA HIRSUTA* L. †+18, S. Essex; Dagenham Dump, 1939, P. H. COOKE, det. at Kew (1952, Kent and Lousley, *Hand List*, 43). †+61, S.E. York.; bombed site, Hull, E. CRACKLES (1953, *The Nat.*, 844, 41).

117/4. *MALVA ROTUNDIFOLIA* L. 13, W. Sussex; West Dean, 1947. Previously recorded (*Watsonia*, 1, 40) as *M. parviflora* L., but material from the same colony distributed in 1950 (see *Year Book*, 1951, 121) was determined by J. P. M. BRENNAN as this species, D. P. YOUNG.

§127/1. *GERANIUM SANGUINEUM* L. *42, Brecon; limestone cliffs, Daren Felin, Cwm Clydach, near Gilwern, 1951, D. P. M. GUILLE, comm. NAT. MUS. WALES.

†127/2. *GERANIUM VERSICOLOR* L. 36, Heref.; Preston-on-Stour, naturalised in quantity on roadside bank close to a garden, Rev. R. B. ABELL and C. W. BANNISTER.

§127/11. *GERANIUM ROTUNDIFOLIUM* L. †63, S.W. York.; sandpit, Whitley Thorpe, W. A. SLEDGE and G. A. SHAW (1949, *The Nat.*, 37).

127/13. *GERANIUM LUCIDUM* L. 98, Argyll; on stone bank by road, Glen Nant, Taynult, K. N. G. MACLEAY and E. C. WALLACE.

128/3c. *ERODIUM GLUTINOSUM* Dum. 45, Pemb.; St. David's, on fixed dunes, R. M. PAYNE, det. A. MELDERIS.

§+132/2. *OXALIS CORNICULATA* L. †32, Northants.; very common and persistent as a wayside and garden weed at Kings Cliffe, J. L. GILBERT (1950, *J. Northants. N.H.S. & F.C.*, 32, 85). †43, Radnor; scarce, pathside by Llandrindod Lake, J. A. WEBB (1945, *N.W.Nat.*, 20, 157).

§133/1. *IMPATIENS NOLI-TANGERE* L. †+101, Kintyre; Inverneill Woods near Ardrishaig, M. H. CUNNINGHAM (1953, *Glasgow Nat.*, 17, 73).

§+133/2. *IMPATIENS CAPENSIS* Meerb. *37, Worcs.; by river Arrow, near Redditch, C. C. TOWNSEND, comm. F. M. DAY.

§+133/4. *IMPATIENS GLANDULIFERA* Royle. †18, S. Essex; Walthamstow Reservoirs, 1951, J. Bedford (1952, Kent & Lousley, *Hand List*, 52). *88, Mid Perth; Ardeonaig burn, Loch Tay, 1950, D. PATTON. †98, Argyll; near the ruins of Dunollie Castle, near Oban, A. J. MacDougall (1951, *Country Life*, **110**, 1554).

§153/1. *MEDICAGO FALCATA* L. †21, Middx.; waste ground, Feltham, one clump, B. WELCH, comm. D. H. KENT. *†35, Mon.; Alexandra Dock, Newport, J. N. DAVIES, comm. NAT. MUS. WALES.

153/1d. *MEDICAGO FALCATA* var. *DIFFUSA* Schur. †25, E. Suff.; waste ground, Felixstowe Docks, F. W. SIMPSON, det. at Kew. †36, Heref.; two plants by river Wye, Hereford, Miss MULLER, det. at Kew, comm. F. M. DAY.

§153/6. *MEDICAGO MINIMA* (L.) Bartal. ††32, Northants; Peterborough railway sidings, 1950, J. G. Dony (1951, *J. Northants N.H.S. & F.C.*, **32**, 84).

156/1. *ANTHYLLIS VULNERARIA* L. †21, Middx.; bombed site, Cripplegate, E.C., M. A. R. S. SCHOLEY, comm. D. H. KENT.

§+160/1. *TETRAGONOLOBUS MARITIMUS* (L.) Roth. *24, Bucks.; grassy road verge on chalk near Fingest, T. G. COLLETT, comm. D. H. KENT.

†170/1. *CORONILLA VARIA* L. 25, E. Suff.; waste ground, Felixstowe Docks, F. W. SIMPSON.

176/14. *VICIA LATHYROIDES* L. 11, S. Hants.; Stubbington beach, with white flowers, C. W. MUSGRAVE BURTON.

178/2. *LATHYRUS SYLVESTRIS* L. 49, Caern.; in two places, Nevin, F. C. G. GOUGH.

§+184/10. *SPIRAEA SALICIFOLIA* L. †35, Mon.; near Tintern Abbey, 1948 and 1951, J. A. Webb (1952, *Proc. Swansea Scient. & F.N.S.*, **10**, 325). *98, Argyll; Stonmilchan, Dalmally; in old hedge along the old road, occasional, K. N. G. MACLEAY.

185/31. *RUBUS LINDBERGHII* P. J. Muell. 34, W. Glos.; (4) Old Bargains Wood, Aylburton, C. C. TOWNSEND, det. W. C. R. WATSON.

§187/2. *GEUM RIVALE* L. †18, S. Essex; pond side, Chingford, 1936, J. Ross; streamside, High Beech, 1938, W. E. GAZE (1952, Kent & Lousley, *Hand List*, 101).

†189/13. *POTENTILLA RECTA* L. 19, N. Essex; Feering, roadside, R. M. PAYNE and J. A. WHELLAN, det. A. MELDERIS.

190/2. *ALCHEMILLA XANTHOCHLORA* Rothm. 97, (Argyll); Killundine, Fiunary; grassy roadside verges under trees: *98, Argyll; Glen Nant, Loch Awe side: *101, Kintyre; Stonefield, Knapdale, E. C. WALLACE and K. N. G. MACLEAY.

190/8. *ALCHEMILLA GLABRA* Neygenf. †16, W. Kent; meadow near Birling, 1951, F. Rose (1952, *S.E. Nat.*, 57, xviii).

190(2)/2. *APHANES MICROCARPA* (Boiss. & Reut.) Rothm. 110, Outer Hebrides; very common on sandy paths near the Creed River, Stornoway, J. W. Heslop-Harrison (1953, *Proc. Univ. Durham Phil. Soc.*, 11, 85).

191/2. *AGRIMONIA ODORATA* (Gouan) Mill. 52, Anglesey; side of track from main road to Dinam Farm, C. C. TOWNSEND. 98, Argyll; roadside grassy bank beside Loch Ederline, K. N. G. MACLEAY.

§195/11. *SORBUS RUPICOLA* (Syme) Hedl. *88, Mid Perth; rocks above Loch na Craige on the Aberfeldy to Crieff road, R. A. GRAHAM, det. E. F. WARBURG.

199/10. *SAXIFRAGA HYPNOIDES* L. 105, W. Ross; Beinn Dearg, and on Eiddh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

§199/19. *SAXIFRAGA RIVULARIS* L. *105, W. Ross; sparingly on Beinn Dearg, R. MACKECHNIE and E. C. WALLACE.

§199/21. *SAXIFRAGA NIVALIS* L. *105, W. Ross; very scarce, Beinn Dearg, R. MACKECHNIE and E. C. WALLACE.

203/1. *CHRYSOSPLENIUM ALTERNIFOLIUM* L. 25, E. Suff.; felled alder wood in wet valley, Stutton, F. J. BINGLEY and E. C. WALLACE.

§207/3. *RIBES SYLVESTRE* Mert. & Koch. †43, Radnor; brookside and by ruins, Abermethil, Llandegley; hedges at Gaufron, J. A. Webb (1945, *N.W. Nat.*, 20, 158).

§207/5. *RIBES ALPINUM* L. †+4, N. Devon; old bushes in roadside hedge, South Tawton, 1951, O. Greig (1952, *Rep. & Trans. Devon Asscn.*, 84, 256). †+43, Radnor; frequent in hedges in the hills—Llanbister; Gaufron; Penithon; Penybont; doubtfully native, J. A. Webb (1945, *N.W. Nat.*, 20, 158).

§211/1. *SEDUM TELEPHIUM* subsp. *PURPURASCENS* (Koch) Aresch. 52, Anglesey; many plants on a wall between Holyhead and Porthdafarch, C. C. TOWNSEND. †100, Clyde Isles; Bute, 1917, T. WISE (*Herb. Glasgow Univ.*), comm. D. PATTON—but see J. R. Lee, *Flora of the Clyde Area*, 135 (1933).

§+211/5. *SEDUM SEXANGULARE* L. †43, Radnor; Penithon, in quantity, J. A. Webb (1945, *N.W. Nat.*, 20, 158).

§217/4. *CALLITRICHE POLYMORPHA* Lönrr. *14, E. Sussex; on marshes between Rye and Camber Castle, L. W. FROST.

218/1. *PEPLIS PORTULA* L. 101, Kintyre; Crosshill Loch and Aros Moss, 1949, M. H. CUNNINGHAM.

§220/1. *CHAMAENERION ANGUSTIFOLIUM* (L.) Scop. *103, Mid Ebudes; Tobermory, clearing in woods behind town, and on waste ground, frequent, K. N. G. MACLEAY.

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

220/4. *EPILOBIUM PARVIFLORUM* Schreb. S., Channel Islands; Herm, 1950, Mrs. F. L. BALFOUR-BROWNE; swampy hollow in N. of island, M. HANCOCK, conf. A. MELDERIS, comm. E. B. BANGERTER.

220/5. *EPILOBIUM ADNATUM* Griseb. 98, Argyll; Loch Ederline, Ford; roadside ditch beside the loch, K. N. G. MACLEAY.

220/6. *EPILOBIUM LAMYI* F. W. Schultz. 31, Hunts.; Wood Walton Fen, J. L. Gilbert (1951, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1950, 17).

†220/7(2). *EPILOBIUM ADENOCAULON* Hausskn. *4, N. Devon; Lundy, T. G. COLLETT, comm. D. H. KENT. 18, S. Essex; railway yard, Snaresbrook, D. H. KENT. 24, Bucks.; Burnham Beeches, R. A. BONIFACE and D. H. KENT. *38, Warw.; mixed woodland, partly devastated, Alveston, R. C. READETT.

§220/9. *EPILOBIUM LANCEOLATUM* Seb. & Mauri. *18, S. Essex; Blake's Wood, Danbury, J. E. LOUSLEY.

†220/17. *EPILOBIUM PEDUNCULARE* A. Cunn. *35, Mon.; wall, Cwmffrwdocer, Pontypool, H. J. VERNALL, comm. NAT. MUS. WALES. *80, Roxb.; along Blackburn, Newcastleton, Miss E. M. LOBLEY and E. F. WARBURG.

§225/2. *CIRCAEA INTERMEDIA* Ehrh. 63, S.W. York.; locally abundant by the river, Rivelin Valley, Sheffield, 1951, F. W. ADAMS, det. E. C. WALLACE. †97, (Argyll); Fiunary, Morvern; Killundine, damp ground beside burn: †98, Argyll; Cruach Achadh na Craobhe, Kilchrenan; rock ledges facing north, E. C. WALLACE and K. N. G. MACLEAY. 105, W. Ross; woodland at Foich, Inverbroom; ravine of Falls of Measach, R. MACKECHNIE and E. C. WALLACE. See also *Top. Bot. Supp.*, 1.

225/3. *CIRCAEA ALPINA* L. 42, Brecon; scree, Craig-y-Cilau, near Crickhowell, P. F. VERNON and E. F. WARBURG.

§+240/1. *ASTRANTIA MAJOR* L. *98, Argyll; bank of Balliemeanoch burn, under *Salix* trees, where it enters Loch Awe, K. N. G. MACLEAY.

242/1. *DANAA CORNUBIENSIS* (L.) Burnat. 24, Bucks.; Dorney Wood, 1951, A. F. Wood (1953, *Middle-Thames Nat.*, 5, 10).

§+250/3. *PETROSELINUM CRISPUM* (Mill.) Airy-Shaw. *52, Anglesey; Newborough Warren, F. C. G. GOUGH, comm. NAT. MUS. WALES.

†252/1. *FALCARIA VULGARIS* Bernh. 21, Middx.; railway bank between Yeoveney and Poyle, a large well established patch, 1951, D. H. KENT.

§253/2. *BERULA ERECTA* (Huds.) Coville. †+77, Lanark; introduced at Possil Marsh in 1919, now (1952) well established and locally abundant, D. PATTON.

257/1. *MYRRHIS ODORATA* (L.) Scop. 59, S. Lancs.; common by river Irwell, Bury, 1949-1952, F. SLATER.

§263/1. *FOENICULUM VULGARE* Mill. *+57, Derby; on damp waste ground near Calver, F. W. ADAMS.

§265/4. *OENANTHE PIMPINELLOIDES* L. †15, E. Kent; roadside and meadow near Stubb's Cross, Kingsnorth, J. Scott (1952, *S.E. Nat.*, 57, xviii).

265/6. *OENANTHE LACHENALII* C. C. Gmel. 18, S. Essex; salt marsh, Creekmouth, Barking, J. C. Codrington and J. E. Lousley (1952, *Lond. Nat.*, 31, 11).

§270/1. *MEUM ATHAMANTICUM* Jacq. *50, Denb.; Cwrt, near Pentre Foelas, E. PRICE EVANS, comm. NAT. MUS. WALES.

§276/3. *PASTINACA SATIVA* L. †+43, Radnor; coal yards, between lines, on chippings, etc., at Dolau station. Not native, J. A. Webb (1945, *N.W. Nat.*, 20, 158).

§+276/5. *PEUCEDANUM OSTRUTHIUM* (L.) Koch. †75, Ayr; beside ruins of Glengarnock Castle, long known, D. PATTON—but see J. R. Lee, *Flora of the Clyde Area*, 163 (1933).

†277/1. *HERACLEUM MANTEGAZZIANUM* Somm. & Levier. *43, Radnor; naturalised in a rocky dell near Llandrindod, J. A. Webb (1945, *N.W. Nat.*, 20, 158).

†287/1. *SAMBUCUS RACEMOSA* L. 59, S. Lancs.; well established near Mersey, Woolston, E. HARDY, and see *Merseyside Nat. Association Rep.* 1952, p. 2. 67, Northumberland, S.; in wood by Colt Cray Reservoir, J. K. Morton (1952, *Vasc. Subst.*, 37, 21).

- §287/3. *SAMBUCUS EBULUS* L. *43, Radnor; Knucklas, J. A. WEBB, comm. NAT. MUS. WALES.
- 288/1. *VIBURNUM OPULUS* L. 97, (Argyll); Killundine, Morvern; roadside scrub, several plants, E. C. WALLACE and K. N. G. MACLEAY.
- §296/5. *GALIUM PUMILUM* Murr. *100, Clyde Isles; Arran, 1884, Dr. R. M. BUCHANAN (*Herb. Glasgow Univ.*), comm. D. PATTON.
- §†302/1. *CENTRANTHUS RUBER* (L.) DC. †43, Radnor; Presteigne; New Radnor; Clyro; Knighton; Llandrindod, J. A. Webb (1945, *N.W. Nat.*, 20, 158). *73, Kirke; Dundrennan Abbey; Rockcliffe, 1928, L. J. TREMAYNE, comm. D. H. KENT.
- §304/2. *VALERIANELLA ERIOCARPA* Desv. *†21, Middx.; waste ground, Ealing, 1950, L. M. P. SMALL, det. E. B. BANGERTER, comm. D. H. KENT.
- §304/4. *VALERIANELLA CARINATA* Lois. †8, S. Wilts.; Tisbury, B. Welch (1951, *Rep. N.H. Sect. Wilts. Arch. & N.H.S.*, 1950, 76).
- §304/5. *VALERIANELLA RIMOSA* Bast. †39, Staffs.; potato field, Mucklestone, E. S. Eedes (1952, *Trans. N. Staffs. F.C.*, 86, 81).
- †320/3. *ERIGERON CANADENSIS* L. 36, Heref.; goods yard, Hereford, 1944, Miss MEDWIN; 1947, Miss MARSH; now very plentiful, comm. F. M. DAY.
- §334/2. *PULICARIA VULGARIS* Gaertn. *24, Bucks.; Littleworth Common, near Burnham Beeches, one large plant in a damp depression, 1949, R. A. BONIFACE and F. ROSE, comm. D. H. KENT.
- †341/1. *XANTHIUM STRUMARIUM* L. 16, W. Kent; Erith Marshes, about six plants, H. T. CORKE, comm. D. H. KENT. 18, S. Essex; rubbish-tip, Barking, 1951, J. C. Codrington and J. E. Lousley (1952, *Lond. Nat.*, 31, 12).
- †354/1. *GALINSOGA PARVIFLORA* Cav. 14, (Kent); Hawkenbury cemetery, Tunbridge Wells, K. E. BULL. 34, W. Glos.; (5) Avonmouth Docks, Rev. R. B. ABELL, C. W. BANNISTER and C. C. TOWNSEND, conf. N. Y. SANDWITH.
- †354/2. *GALINSOGA CILIATA* (Raf.) Blake. 57, Derby; in town of Derby, D. McCLINTOCK.
- †368/1. *ANTHEMIS TINCTORIA* L. 21, Middx.; railway banks between Colnbrook and West Drayton, several large well established patches, D. H. KENT.
- 368/2. *ANTHEMIS NOBILIS* L. 8, S. Wilts.; Woodfalls, B. Welch (1952, *Wilt. Arch. & N.H. Mag.*, 54, 340).

‡+371/3. *MATRICARIA MATRICARIOIDES* (Less.) Porter. *72, Dumf.; Brocklehurst, Mrs. F. L. BALFOUR-BROWNE, det. and comm. E. B. BANGERTER. *73, Kirke.; Dundrennan, 1912, J. BRITTEN (*Herb. Mus. Brit.*). 98, Argyll; Balliemanoach Farm, Loch Awe: †101, Kintyre; Taywallich, Knapdale, Measdale, abundant about farm buildings: 103, Mid Ebudes; Tiree, waste ground at Gott Bay, K. N. G. MACLEAY—But see J. R. Lee, *Flora of the Clyde Area*, 187 (1933). *109, Caithn.; Thurso, 1932, H. H. JOHNSTON (*Herb. Mus. Brit.*).

‡+380/3. *PETASITES FRAGRANS* (Vill.) C. Presl. †31, Hunts.; Alconbury Hill, Mr. and Mrs. J. E. H. Blackie (1950, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1949, 16). †43, Radnor; shrubberies at Llandrindod; frequent in woods and on banks at Penybont (1945, *N.W. Nat.*, 20, 159). †98, Argyll; Dunoon-Inellan, roadside and waste ground, locally frequent, E. C. WALLACE and K. N. G. MACLEAY—but see J. R. Lee, *Flora of the Clyde Area*, 189 (1933).

+380/4. *PETASITES JAPONICUS* (Sieb. & Zucc.) F. Schmidt. 20, Herts.; naturalised on a bank in the grounds of Aldenham House near Elstree, C. S. SMALLCOMBE, det. T. G. COLLETT, comm. D. H. KENT.

‡383/1. *SENECIO FLUVIATILIS* Wallr. *+100, Clyde Isles; Arran, Whiting Bay, 1883, Dr. J. WYLIE (*Herb. Glasgow Univ.*), comm. D. PATTON.

383/7×8. *SENECIO* × *LONDINENSIS* Lousley. 39, Staffs.; Norton Canes, 1948, E. S. EDEES, conf. J. E. Lousley (1952, *Trans. N. Staffs. F.C.*, 86, 82).

‡383/8. *SENECIO VISCOSUS* L. †36, Heref.; Dinedor, several plants at farm entrance, Mrs. L. A. WHITEHEAD, comm. F. M. DAY. †+43, Radnor; Aberceuthon Bank, near Rhayader, J. A. Webb (1945, *N.W. Nat.*, 20, 159). †101, Kintyre; Killellan Quarry, Campbeltown, M. H. CUNNINGHAM (1953, *Glasgow Nat.*, 17, 76).

+383/26. *SENECIO SMITHII* DC. 101, Kintyre; Hill burn, inland on west coast, 1950, M. H. CUNNINGHAM.

+389/1. *ECHINOPS SPHAEROCEPHALUS* L. 80, Roxb.; N. bank of River Teviot near old bridge at Cleekum Inn near Ancrum, A. W. ROBSON.

‡391/1. *CARLINA VULGARIS* L. †100, Clyde Isles; Arran, Struey Rocks, 1883, Dr. J. WYLIE (*Herb. Glasgow Univ. Bot. Dept.*), comm. D. PATTON—but see *Proc. Nat. Hist. Soc. Glasgow*, 5, 161 (1881) and *Top. Bot.*

‡395/1. *CARDUS NUTANS* L. †43, Radnor; Llanelwedd Quarry, J. A. Webb (1945, *N.W. Nat.*, 20, 159).

395/2. *CARDUUS CRISPUS* L. 98, Argyll; roadside near Kilchrenan lime quarry, E. C. WALLACE and K. N. G. MACLEAY; roadside near Inveraray, K. N. G. MACLEAY.

396/1b. *CIRSIUM ERIOPHORUM* var. *BRITANNICUM* (Petrak) Druce. 17, Surrey; Old Coulsdon, H. Britten (1952, *Lond. Nat.*, 31, 11).

‡396/3. *CIRSIUM HETEROPHYLLUM* (L.) Hill. †43, Radnor; two spots near Llanbadarn Fynydd, 1939, but the larger patch of the two was destroyed by road widening the following year, J. A. Webb (1945, *N.W. Nat.*, 20, 159).

396/8c. *CIRSIUM ARVENSE* var. *SETOSUM* C. A. Mey. †12, N. Hants.; wood yard, Heath End, East Woodhay, A. M. SIMMONDS.

†398/1. *CYNARA CARDUNCULUS* L. 98, Argyll; Carnasserie, near Kilmartin, old rubbish heap near road junction, has been here for at least 10 years, K. N. G. MACLEAY.

401/1. *SAUSSUREA ALPINA* (L.) DC. 98, Argyll; Cruach Achadh na Craobhe, Kilchrennan, north facing rock ledges at 800 ft., E. C. WALLACE and K. N. G. MACLEAY.

‡405/12. *CENTAUREA CYANUS* L. †43, Radnor; turf walls by the Kinnerton road, New Radnor, J. A. Webb (1945, *N.W. Nat.*, 20, 159).

†405/16. *CENTAUREA ASPERA* L. 16, W. Kent; Blackheath, a small patch on a road verge, Mrs. K. K. LAW, comm. E. B. BANGERTER.

419. *HIERACIUM*. All records, except where stated, have been determined, or confirmed, by P. D. SELL and C. WEST. The order and numbers follow Pugsley, H. W., 1948, A Prodrum of the British Hieracia, *Journ. Linn. Soc. (Bot.)*, 54. Asterisks refer to vice-counties not cited there.

419/4. *HIERACIUM ALPINUM* L. 96, Easternness; with *Arctostaphylos alpinus* near the summit of Carn Glas Lochdarach, Glen Affric, 1947, C. C. TOWNSEND.

419/5. *HIERACIUM HOLOSERICUM* Backh. 96, Easternness; rocky ledges about halfway up Tom a Choinich, Glen Affric, 1947, C. C. TOWNSEND.

419/17. *HIERACIUM HANBURYI* Pugsl. 96, Easternness; high slopes of Tom a Choinich, Glen Affric, 1947, C. C. TOWNSEND.

419/93. *HIERACIUM PRAECOX* Schultz-Bip. *18, S. Essex, Walthamstow Reservoirs, J. BEDFORD, comm. D. H. KENT.

419/99. *HIERACIUM EXOTERICUM* Jord. *21, Middx.; grounds of Natural History Museum, South Kensington, 1948, E. B. BANGERTER.

419/149d. *HIERACIUM VULGATUM* var. *SUBFASCICULARE* W. R. Linton. *33, E. Glos.; (7b) wall under railway viaduct, Dowdeswell, C. C. TOWNSEND.

419/152. *HIERACIUM LEPIDULUM* Stenstr. *4, N. Devon; Lyn Valley above Lynmouth, 1950, C. C. TOWNSEND. *18, S. Essex; Walthamstow Reservoirs, J. BEDFORD, comm. D. H. KENT.

419/153. *HIERACIUM MACULATUM* Sm. *18, S. Essex; Walthamstow Reservoirs, 1951, J. BEDFORD, comm. D. H. KENT.

419/164. *HIERACIUM SUBMUTABILE* (Zahn) Pugsl. *34, W. Glos.; (4) rocky slope near Ruspidge, 1949; *35, Mon.; plentiful on a wall behind Tintern, 1949, C. C. TOWNSEND.

419/165. *HIERACIUM DAEDALOLEPTOIDES* (Zahn) Roffey. 49, Caern.; Llanberis waterfall; Cwm Idwal, C. C. TOWNSEND.

419/166. *HIERACIUM ANGLORUM* (Ley) Pugsl. *37, Worcs.; railway bank, Bromsgrove, C. C. TOWNSEND.

419/167. *HIERACIUM TUNBRIDGENSE* Pugsl. *21, Middx.; Hadley Wood, E. B. BANGERTER, J. K. MORTON and J. WHITTAKER, comm. D. H. KENT.

419/169. *HIERACIUM STRUMOSUM* Ley. *33, E. Glos.; (6) frequent about the roadside from Sapperton to Oakridge; Swift Hill, Slad Valley, 1949, C. C. TOWNSEND. *35, Mon.; near Usk, 1935, R. WINDSOR RICKARDS, comm. NAT. MUS. WALES.

419/170. *HIERACIUM ACUMINATUM* Jord. *34, W. Glos.; (5) St. Vincents Rocks, Bristol, 1951, C. C. TOWNSEND.

419/212. *HIERACIUM TRIDENTATUM* f. *GLANDULOSICEPS* (Zahn) Pugsl. *10, Wight; Bleak Down, Godshill, in some quantity on the N. side, C. C. TOWNSEND.

419/216. *HIERACIUM TRICHOCAULON* (Dahlst.) Roffey. *24, Bucks.; roadside bank near Black Park, 1951, D. H. KENT.

419/217. *HIERACIUM EBORACENSE* Pugsl. *10, Wight; Bleak Down, Godshill, 1951, C. C. TOWNSEND.

419/238. *HIERACIUM BICHLOROPHYLLUM* (Druce & Zahn) Pugsl. 34, W. Glos.; limestone rocks at Symonds Yat, half a mile N. of the Station, 1949, C. C. TOWNSEND.

419/238b. *HIERACIUM BICHLOPHYLLUM* var. *CURTUM* (E. F. & W. R. Linton) Pugs. 4, N. Devon; Lundy, 1951, T. G. COLLETT, comm. D. H. KENT.

419/245. *HIERACIUM VAGUM* Jord. *33, E. Glos.; (2a) railway bank, Naton, near Tewkesbury, C. W. BANNISTER. *52, Anglesey; Bodorgan railway station, C. C. TOWNSEND: 90, Forfar; railway embankment near Montrose, 1948, U. K. DUNCAN, det. J. E. RAVEN.

419/247. *HIERACIUM CALVATUM* (F. J. Hanb.) Pugs. *47, Montg.; Llanfair Caereinion, 1940, J. A. WEBB, comm. NAT. MUS. WALES.

419/249. *HIERACIUM CROCEOSTYLUM* Pugs. *47, Montg.; Llanfair Caereinion, 1940, J. A. WEBB, comm. NAT. MUS. WALES.

+419/257. *HIERACIUM BRUNNEOCROCEUM* Pugs. 59, S. Lancs.; way-side, Hawkshaw, F. SLATER.

+428/1. *TRAGOPOGON PORIFOLIUS* L. 1, W. Cornwall; stream and hedge bank near Landewednack, F. W. ADAMS.

432/1. *JASIONE MONTANA* L. 101, Kintyre; Bellanoch, Knapdale; locally common on a north facing bank beside the Crinan Canal, K. N. G. MACLEAY.

§435/1. *CAMPANULA GLOMERATA* L. †31, Hunts.; near Wansford Quarries, Stibbington, J. L. Gilbert (1950, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1949, 16).

§438/2. *VACCINIUM MYRTILLUS* L. †7, N. Wilts.; Savernake Forest, G. W. Collett (1951, *Rep. N.H. Sect. Wilts. Arch. & N.H.S.*, 1950, 77).

§446/7. *ERICA VAGANS* L. *†50, Denb.; banks of river Dee, Melton Wood, W. of Cefn Mawr, V. GORDON.

453/3. *PYROLA MINOR* L. 105, W. Ross; rock ledges, north corrie of Beinn Dearg at nearly 3000 ft., R. MACKECHNIE and E. C. WALLACE.

+463/3. *LYSIMACHIA PUNCTATA* L. 98, Argyll; waste ground at roadside in Connell village, Lorn, K. N. G. MACLEAY (previously found by W. A. SLEDGE, c. 1950). 101, Kintyre; waste ground near Bellanoch, Knapdale, K. N. G. MACLEAY.

467/3. *ANAGALLIS FOEMINA* Mill. 37, Worcs.; arable field, Sarn Hill, Bushley, quite plentiful, Rev. R. B. ABELL and C. W. BANNISTER.

+472/2. *LIGUSTRUM OVALIFOLIUM* Hassk. 23, Oxon.; gravel-pit, Caversham, 1951: H. 20, Wicklow, one plant in an untrimmed hedge of native shrubs, by lane bordering fields, Wicklow, 1950, D. P. YOUNG.

§473/2. *VINCA MINOR* L. ††43, Radnor; Nantmel; Cwmbach-Llechryd; Penybont, doubtfully native, J. A. Webb (1945, *N. W. Nat.*, **20**, 159).

†474/2. *BUDDLEJA DAVIDII* Franch. 101, Kintyre; established for long stretches along the Tarbet to Ardrishaig road, M. H. CUNNINGHAM.

478/4. *CENTAURIUM PULCHELLUM* (Sw.) Druce. 37, Worcs.; abundant in a pasture-field and along edge of nearby Sarn Hill Wood, Bushley, on sandy ground, with *C. minus* Moench, C. W. BANNISTER.

480/5. *GENTIANELLA SEPTENTRIONALIS* (Druce) E. F. Warburg. 105, W. Ross; on limestone outcrops, Strath Kanaird; limestone pasture in ravine between Ullapool and Loch Achall, R. MACKECHNIE and E. C. WALLACE.

§480/7. *GENTIANELLA ULIGINOSA* (Willd.) H. Sm. *44, Carm.; dune slacks below Laugharne, 1944, R. B. ABELL, det. H. W. PUGSLEY.

§497/2. *SYMPHYTUM TUBEROSUM* L. †33, E. Glos.; small copse near Brockworth, small colony apparently naturalised, Rev. R. B. ABELL and C. W. BANNISTER, *44, Carm.; roadside, 1½ miles north-east of Llanstephan, 1951, M. H. SYKES, det. A. E. WADE, comm. NAT. MUS. WALES.

†499/1. *TRACHYSTEMON ORIENTALIS* (L.) Don. 7, N. Wilts.; East Tytherton, T. G. COLLETT, comm. J. D. GROSE.

§†503/1. *PULMONARIA OFFICINALIS* L. †43, Radnor; hedges, Llanstephan, 1949, J. A. Webb and M. H. Sykes (1952, *Proc. Swansea Scient. & F.N.S.*, **10**, 326).

506/1. *MYOSOTIS SCORPIOIDES* L. 101, Kintyre; Machrihanish links; Ronachan Bay, Peninver, Saddell, frequent, K. N. G. MACLEAY.

†511/2. *CALYSTEGIA SYLVESTRIS* (Willd.) Roem. & Schult. 18, S. Essex; plentiful on railway banks from Leyton to Debden, D. H. KENT. *37, Worcs.; waste ground and hedgesides in several places around Redditch, C. C. TOWNSEND. *46, Card.; Aberporth, 1951, J. A. WEBB, comm. NAT. MUS. WALES.

§517/1. *SOLANUM DULCAMARA* L. *101, Kintyre; Cour, on shore at Crossaig, F. DAVID; Ardnacross Bay, M. H. CUNNINGHAM, comm. K. N. G. MACLEAY.

521/1. *ATROPA BELLA-DONNA* L. †21, Middx.; bombed site, Eaton Terrace, S.W.1., R. L. BENNET, comm. E. B. BANGERTER. †38, Warw.; grows vigorously on a number of bombed sites near Coventry station, J. H. Edwards (1948, *Proc. Coventry & Dist. N.H. & S.S.*, **2**, 56).

†524/1b. *HYOSCYAMUS NIGER* var. *PALLIDUS* Waldst. 21,
Middx.; disused running track, Finsbury Park, J. BELT and
comm. D. H. KENT.

†527/5. *VERBASCUM BLATTARIA* L. 36, Heref.; roadside Ross
and Pencreiga, one plant, with *Reseda alba* L., C. W. BANNISTER.

527/8×3. *VERBASCUM* × *COLLINUM* Schrad., non Salisb. E.
Glos.; (6) Daneway, Sapperton, C. W. BANNISTER.

†532/2. *LINARIA PURPUREA* (L.) Mill. 85, Fife; St. Andrews, frequent
on old walls throughout town, also along N. beach, A. W. ROBSON.

532/3. *LINARIA REPENS* (L.) Mill. †21, Middx.; railway sidings
near West Drayton, 1951, D. H. KENT.

‡532/26. *CYMBALARIA MURALIS* Gaertn., Mey. & Scherb. *103, Mid
Ebudes; walls in Tobermory, Mull, frequent, K. N. G. MACLEAY.

534/2. *MISOPATES ORONTIUM* (L.) Raf. 14, (Kent); weed in a nur-
sery, Bayham road, Tunbridge Wells, K. E. BULL.

§535/2. *SCROPHULARIA AQUATICA* L. ‡†110, Outer Hebrides; in two
widely separated localities in the Lews Castle Woods, Lewis, possibly
introduced, J. W. Heslop-Harrison (1953, *Proc. Univ. Durham Phil. Soc.*,
11, 87).

†537/2. *MIMULUS MOSCHATUS* Dougl. ex Lindl. 49, Caern.; in bog,
Moel Hebog, Beddgelert, L. W. FROST.

†542/1. *ERINUS ALPINUS* L. 78, Peebles; walls of Neidpath Castle;
100, Clyde Isles; main street at Millport, D. PATTON. 101, Kintyre;
Saddell, old walls, fairly frequent, K. N. G. MACLEAY.

543/6. *VERONICA SCUTELLATA* L. 105, W. Ross; marsh, Braemore
Square, Braemore, E. C. WALLACE.

543/9. *VERONICA CATENATA* Pennell. 52, Anglesey; marsh near
Carreg Fawr Farm, Trearddwr Bay, C. C. TOWNSEND.

543/12. *VERONICA TENELLA* All. 105, W. Ross; Druim Reidh, Fan-
nich, E. C. WALLACE.

§543/14. *VERONICA VERNA* L. ‡†3, S. Devon; rough field near top
of Peak Hill, Sidmouth, 1951, G. Steele-Perkins and T. J. Richards
(1952, *Rep. and Trans. Devon. Assocn.*, 84, 257).

§543/21. *VERONICA HEDERIFOLIA* L. *98, Argyll; waste ground in
Kilchrenan village, E. C. WALLACE and K. N. G. MACLEAY.

+543/41. *VERONICA FILIFORMIS* Sm. 14 (Kent); Hawkenbury cemetery, Tunbridge Wells, K. E. BULL. 37, Worcs.; in quantity on the bank of the Severn behind Shrawley Wood, near Droitwich, C. E. A. ANDREWS and C. C. TOWNSEND. 88, Mid Perth; cemetery of St. Kattan's Chapel, Aberuthven; S. bank of Tay near Elcho Castle, A. W. ROBSON. 98, Argyll; roadside in Kilchrenan village, E. C. WALLACE and K. N. G. MACLEAY.

545/10. *EUPHRASIA OCCIDENTALIS* Wettst. 52, Anglesey; Aberffraw Common, C. C. TOWNSEND, det. E. F. WARBURG.

545/18. *EUPHRASIA CONFUSA* forma *ALBIDA* Pugsl. 52, Anglesey; Aberffraw Common, C. C. TOWNSEND, det. E. F. WARBURG. "Some of the plants are very hairy and are perhaps *E. confusa* × *curta*."—E.F.W.

545/19(4). *EUPHRASIA ANGLICA* Pugsl. 6, N. Som.; Street Heath, near Glastonbury, common in boggy woodland, Rev. R. B. ABELL, C. C. TOWNSEND and C. W. BANNISTER.

§546/4. *PARENTUCHELLIA VISCOSA* (L.) Caruel. *8, S. Wilts.; marshy field adjoining the river near Manningford Abbots, J. D. GROSE. †15, E. Kent; hollows on the dunes at Sandwich Bay, Miss B. Gore, teste Miss D. Long; over 100 plants, F. Rose (1952, *S.E. Nat.*, 57, xix). 16, W. Kent; near Westerham, Mrs. L. M. P. SMALL, comm. D. H. KENT. *70, Cumb.; on disturbed ground adjoining sand dunes, Silloth-on-Solway, Miss N. M. STALKER.

548/1. *RHINANTHUS SEROTINUS* (Schönh.) Schinz & Thell. 37, Worcs.; in a cornfield on the south side of Bredon Hill, 1951, C. C. TOWNSEND, conf. E. F. WARBURG, as *R. major* Ehrh.

§550/7. *OROBANCHE HEDERAE* Duby. †17, Surrey; parasitic on Ivy on the tow-path between Richmond and Kew, 1948, W. H. Spreadbury (1949, *Lond. Nat.*, 23, 28)—see also Salmon, *Fl.*, 502 (1931).

558/1×4. *MENTHA* × *CORDIFOLIA* Opiz. 101, Kintyre; marsh in Glenbrackerie, M. H. CUNNINGHAM.

558/2. *MENTHA ALOPECUROIDES* Hull. 33, E. Glos.; Postlip Hall, near Winchcomb, C. C. TOWNSEND, conf. R. A. GRAHAM.

+558/3i. *MENTHA LONGIFOLIA* var. *HORRIDULA* Briq. 57, Derby; river-side on marshy ground near the bridge, Calver, F. W. ADAMS, comm. R. A. GRAHAM.

558/3×1. *MENTHA LONGIFOLIA* × *ROTUNDIFOLIA*. 22, Berks.; Parish chalkpit, Compton, F. M. DAY. 57, Derby; laneside near Beeley Hill Top, near Beeley, Chesterfield, F. W. ADAMS. Both det. R. A. GRAHAM.

558/3bis. *MENTHA* × *NILLACA* var. *WEBBERI* J. Fraser. 101, Kintyre; damp woodland, Rocky Burn, near Campbeltown, M. H. CUNNINGHAM, det. R. A. GRAHAM.

§558/10. *MENTHA* × *GENTILIS* L. 37, Worcs.; R. Teme at Osebury Rock, Knightwick, F. M. DAY. 63, S.W. York.; margin of old Mill Pond, Rivelin Valley, Sheffield, F. W. ADAMS. †101, Kintyre; marsh in Glenbrackerie, M. H. Cunningham. All det. R. A. Graham (1953, *Glasgow Nat.*, 17, 79).

558/10c. *MENTHA* × *GENTILIS* var. *GRATA* Briq. 37, Worcs.; R. Teme at Osebury Rock, Knightwick, F. M. DAY, det. R. A. GRAHAM.

558/10g. *MENTHA* × *GRACILIS* Sole. †21, Middx.; rubbish-tip, Harefield, F. M. DAY, det. R. A. GRAHAM.

§562/5. *CALAMINTHA ASCENDENS* Jord. †31, Hunts.; hedgerow near Church footpath, Stibbington, J. L. Gilbert (1950, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 1949, 17).

†566/17. *SALVIA VERTICILLATA* L. 18, S. Essex; Walthamstow Reservoirs, J. BEDFORD, det. and comm. D. H. KENT. 21, Middx.; plentiful on railway banks near South Greenford, 1951, D. H. KENT.

§573/2. *PRUNELLA LACINIATA* (L.) L. *18, S. Essex; pasture by river wall, Althorne, L.N.H.S. FIELD MEETING, comm. E. C. WALLACE.

577/4. *STACHYS* × *AMBIGUA* Sm. 57, Derby; riverside, Hathersage; waste ground by road, Calver; marsh in Brierley Wood, Chesterfield, F. W. ADAMS.

578/2b. *GALEOPSIS BIFIDA* Boenn. 34, W. Glos.; (4) The Grove, between Lower Redbrook and Bigsweir, plentiful, with *G. tetrahit* L. Many plants seemed more or less intermediate between the two species, and may have been hybrids, Rev. R. B. ABELL and C. W. BANNISTER.

581/4. *LAMIUM HYBRIDUM* Vill. 33, E. Glos.; (2b) in a garden, Hucclecote, 1950, J. W. HAINES, conf. E. F. WARBURG, comm. C. C. TOWNSEND. 52, Anglesey; abundant on Holyhead putting green; C. C. TOWNSEND.

§581/5. *LAMIUM MOLUCCCELLIFOLIUM* Fr. *†21, Middx.; waste ground, Hackney Marshes, J. E. COOPER (*Herb. Mus. Brit.*), det. A. MELDERIS and E. B. BANGERTER, comm. D. H. KENT.

§600/4. *CHENOPodium HYBRIDUM* L. †7, N. Wilts.; Marlborough, J. H. Halliday (1951, *Rep. N.H. Sect. Wilts. Arch. & N.H.S.* 1950, 77). 33, E. Glos.; Northway, Ashchurch, about twelve plants in a flowerbed, C. W. BANNISTER.

600/13. *CHENOPODIUM GLAUCUM* L. 16, W. Kent; Kemsing station, 1948, D. McClintock (1949, *Lond. Nat.*, **28**, 28).

615/3. *POLYGONUM BISTORTA* L. 13, W. Sussex; hedgebank of lane, Stopham, E. C. WALLACE. 101, Kintyre; banks of Lussa river, M. H. CUNNINGHAM.

+615/19. *POLYGONUM PATULUM* Bieb. 26, W. Suff.; dry sandy ground above Lakenheath, F. W. ADAMS, det. A. MELDERIS.

+615/31. *POLYGONUM POLYSTACHYUM* Wall. ex Meisn. 97, (Argyll); Strontian, Ardgour, waste ground at roadside, probably garden escape, E. C. WALLACE and K. N. G. MACLEAY.

+615/32. *POLYGONUM CUSPIDATUM* Sieb. & Zucc. 43, Radnor; Llandrindod Common; by the Ithon; Penypont; Builth Road; near Newbridge-on-Wye, J. A. Webb (1945, *N.W. Nat.*, **20**, 159).

+615/33. *POLYGONUM SACHALINENSE* F. Schmidt ex Maxim. 34, W. Glos.; (5) one clump of large plants by the edge of a roadside field at Westonbirt, R. B. ABELL, C. W. BANNISTER and C. C. TOWNSEND, conf. N. Y. SANDWITH.

+618/5. *RUMEX ALPINUS* L. 63, S. W. York.; over 1000 feet on roadside bank near a farm at Rod Moor, 1951, F. W. ADAMS.

618/7. *RUMEX SANGUINEUS* L. 67, Northumb. S.; Capheaton, D. McCLINTOCK.

618/16(2). *RUMEX TENUIFOLIUS* (Wallr.) Löve. 37, Worcs.; Hollybush Hill, Malvern Hills, a dominant; in company with *Hypochoeris glabra*, *Moenchia*, *Aphanes microcarpa*, etc., C. W. BANNISTER and C. C. TOWNSEND, conf. J. E. LOUSLEY.

+618/29. *RUMEX OBOVATUS* Danser. 34, W. Glos.; (5) Avonmouth Docks, three or four plants, C. W. BANNISTER, det. J. E. LOUSLEY.

‡622/1. *ARISTOLOCHIA CLEMATITIS* L. ‡31, Hunts.; Bluntisham, Rev. R. F. McMeile (1950, *Ann. Rep. Hunts. Fauna and Flora Soc.*, **1949**, 17).

626/1. *VISCUM ALBUM* L. ‡43, Radnor; Orchards, Ffynnon Gynydd, A. Bates; Pistyll; Glasbury, J. A. Webb (on apple trees in all three localities), (1945, *N.W. Nat.*, **20**, 159).

628/6. *EUPHORBIA STRICTA* L. 34, W. Glos.; Old Park Wood, Lydney, three or four plants—the first seen here for many years, C. C. TOWNSEND.

§628/15. *EUPHORBIA EXIGUA* L. *95, Elgin; in flower garden, Moy House, Forres, M. McCALLUM WEBSTER, det. J. E. LOUSLEY.

§†628/16. *EUPHORBIA LATHYRUS* L. *44, Carm.; Llanegwad, Mrs. M. BARNES, COMM. NAT. MUS. WALES.

†633/3. *ULMUS* × *HOLLANDICA* Mill. 43, Radnor; woods at Knighton; toward Knucklas, J. A. Webb (1945, *N.W. Nat.*, 20, 159).

§637/2. *URTICA URENS* L. †43, Radnor; Yard of Forest Inn, Nantmelan, J. A. Webb (1945, *N.W. Nat.*, 20, 160).

§644/1. *CARPINUS BETULUS* L. ††43, Radnor; shrub in hedges at Pencerrig, and one or two fine sized trees also in the woods there; Ithon Woods, Llandrindod, not native, J. A. Webb (1945, *N.W. Nat.*, 20, 160).

646/1. *QUERCUS ROBUR* L. 98, Argyll; Loch Awe-side, frequent: 101, Kintyre; Bellanoch, Knapdale; West Loch Tarbert; frequent: (Most of the oaks in Argyll seem to be *Q. robur*, probably descendants of planted trees. There are a few individuals of *Q. petraea* scattered among them), K. N. G. MACLEAY.

646/2. *QUERCUS PETRAEA* (Mattuschka) Liebl. 7, N. Wilts.; Savernake Forest, J. T. Wildash (1952, *Wilts. Arch. & N.H. Mag.*, 54, 341).

†646/3. *QUERCUS CEREBIS* L. 98, Argyll; Portsonachan, Loch Awe, a single tree in the *Q. robur-Corylus* wood; an escape from planted trees in Sonachan House, half a mile away, K. N. G. MACLEAY.

§†647/1. *CASTANEA SATIVA* Mill. †98, Argyll; Cladich, planted, 1941, K. N. G. MACLEAY; Glen Nant, E. C. WALLACE and K. N. G. MACLEAY—but see J. R. Lee, *Flora of the Clyde Area*, 100 (1933).

§650/2. *SALIX FRAGILIS* L. †43, Radnor; Llanfaredd, etc., J. A. Webb (1945, *N.W. Nat.*, 20, 160).

650/6b. *SALIX VIMINALIS* var. *INTRICATA* Leefe. 33, E. Glos.; (6) Toadsmoor Lake, R. B. ABELL.

650/14. *SALIX ARBUSCULA* L. 98, Argyll; Meall nan Gabhar, near Dalmally, rock ledges on north face about 1,500 feet, E. C. WALLACE and K. N. G. MACLEAY.

650/16. *SALIX LAPPONUM* L. 98, Argyll; Meall nan Gabhar, near Dalmally, rock ledges on north face about 1,500 feet, E. C. WALLACE and K. N. G. MACLEAY. 105, W. Ross; Beinn Enaiglair, and Eididh nan Clach Geala: 106, E. Ross; Beinn Enaiglair, R. MACKECHNIE and E. C. WALLACE.

650/17. *SALIX MYRSINITES* L. 98, Argyll; Meall nan Gabhar, near Dalmailly, rock ledges on north face about 1,500 feet, E. C. WALLACE and K. N. G. MACLEAY.

650/18. *SALIX HERBACEA* L. 78, (Selk.); at alt. 2,450 ft., Little Craig, Meggott Water watershed; also between Lochcraig Head and Talla East Side above Loch Skene, D. A. RATCLIFFE.

651/1. *POPULUS CANDESCENS* (Ait.) Sm. 98, Argyll; Cladich, at the road junction, an old established group of trees, extending by suckers, K. N. G. MACLEAY.

§651/3. *POPULUS NIGRA* L. †43, Radnor; fine trees, Llanbister, J. A. Webb (1945, *N.W. Nat.*, 20, 160)—but see *J. Bot.*, 46, 336 (1908).

§660/1. *LIPARIS LOESELII* (L.) Rich. [†H.11, Kilkenny; Kilkenny, G. Gray (1952, *Country Life*, 112, 121). Enquiry has failed to elicit any confirmation of this record.—Ed.]

§662/1. *NEOTTIA NIDUS-AVIS* (L.) Rich. 98, Argyll; hazel wood in Glen Nant, E. C. WALLACE and K. N. G. MACLEAY; Inveraray, K. N. G. MACLEAY. †101, Kintyre; Rhee estate, Tarbert, F. David, comm. K. N. G. Macleay (1953, *Glasgow Nat.*, 17, 80).

663/1. *LISTERA OVATA* (L.) R.Br. 101, Kintyre; small grassy meadow at Redhouse road junction, E. C. WALLACE and K. N. G. MACLEAY.

667/3. *CEPHALANTHERA LONGIFOLIA* (L.) Fritsch. 97, (Argyll); grassy verge of roadside through oak-hazel wood, Killundine, Morvern, E. C. WALLACE, A. A. SLACK and K. N. G. MACLEAY.

668/3(3). *EPIPACTIS PHYLANTHES* var. *VECTENSIS* (T. & T. A. Steph.) D. P. Young. 11, S. Hants.; Nursling, a few plants in a willow holt on wet chalky alluvium, P. BOWMAN, det. and comm. V. S. SUMMERHAYES and D. P. YOUNG. 33, E. Glos.; (6) beech plantation in small quantity, Painswick, 1935, LADY DAVY; still there in 1951 and 1952 (Young, Thomas, Summerhayes and Fleming), varying through var. *degenera* D. P. Young to var. *phyllanthes*. Beech wood, Brimpsfield, 1947; (7b) beech wood, in small quantity, near Birdlip, 1940, a form approaching var. *pendula* D. P. Young, C. THOMAS. Not there in 1951 and 1952, Thomas, Summerhayes, Young and Fleming (Fleming, 1952, *Proc. Cotteswold N.F.C.*, 31, 43).

669/8. *ORCHIS PRAETERMISSA* Druce. 39, Staffs.; *Sphagnum* swamp by the roadside east of Milford, E. S. WDEES, conf. V. S. SUMMERHAYES (1952, *Trans. N. Staff. F.C.*, 86, 83).

§669/9. *ORCHIS PURPURELLA* T. & T. A. Steph. *50, Denb.; Wern, near Bettws-y-coed, R. H. ROBERTS, comm. NAT. MUS. WALES. 98,

Argyll; roadside bank crossing the Moine Mór, near Kilmartin, frequent; Lochan na Cuthaig, Lorn: 101, Kintyre; Crinan, frequent, K. N. G. MACLEAY.

669/10. *ORCHIS MACULATA* L. 98, Argyll; Loch Awe-side; Glen Coe; Glen Nant; very common throughout Argyll, K. N. G. MACLEAY.

669/11. *ORCHIS FUCHSII* Druce. 98, Argyll; grassy verge of old road from Dalmally-Inverary near Cladich, K. N. G. MACLEAY. 101, Kintyre; near Crinan Canal, Knapdale, R. WALKER, 1951 (*Herb. Kew*), teste V. S. SUMMERHAYES.

669(3)/1. *HIMANTOGLOSSUM HIRCINUM* (L.) Spreng. 8, S. Wilts.; railway bank near Downton, Dr. B. Whitehead (1953, *Wilts. Arch. & N.H. Mag.*, 55, 62).

672/3. *OPHRYS APIFERA* Huds. 9, Dorset; Corfe, a specimen with thirteen flowers on a two-foot stem, 1950, E. Chambers (1951, *Proc. Bournemouth Nat. Sci. Soc.*, 40, 34).

§702/2. *ALLIUM BABINGTONII* Borrer. *+5, S. Som.; Porlock, in a ruined brick enclosure (or shed), below bank of the beach, 1951, Miss E. M. MEDWIN, comm. N. Y. SANDWITH.

702/4. *ALLIUM VINEALE* L. 80, Roxb.; railway embankment about 1½ miles south of Hawick, A. W. ROBSON.

706/1. *SCILLA VERNA* Huds. 101, Kintyre; grassy, rocky coast at Ronachan Bay, K. N. G. MACLEAY and E. C. WALLACE.

715/1. *TOPIELDIA PUSILLA* (Michx.) Pers. 105, W. Ross, and 106, E. Ross; sparingly near Eididh nan Clach Geala, and in Coire Ghranda Beinn Dearg, R. MACKECHNIE and E. C. WALLACE.

718/5. *JUNCUS INFLEXUS* L. S., Channel Isles; Herm, swampy hollow in N. of island, M. HANCOCK, det. and comm. E. B. BANGERTER.

§+718/16. *JUNCUS TENUIS* Willd. †43, Radnor; Llandegley; Stanner, J. A. Webb (1945, *N.W. Nat.*, 20, 160). 59, S. Lancs.; sandy cart track, Walmersley, near Bury, F. SLATER. 101, Kintyre; Achnamara, Knapdale; frequent at roadside, K. N. G. MACLEAY.

718/20. *JUNCUS CASTANEUS* Sm. 105, W. Ross; Sgurr Breac, Fan-nich; Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

§718/22. *JUNCUS BIGLUMIS* L. *105, W. Ross; northern corrie, Beinn Dearg, and on Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

719/8. *LUZULA SPICATA* (L.) DC. 97, (Argyll); scree on hill above Glen Cripesdale, Loch Sunart, K. N. G. MACLEAY and E. C. WALLACE.

- †723/1. *ARUM ITALICUM* Mill. 71, Man; well established at Great Meadow, Malew, 1946, C. I. Paton (1948, *Peregrine*, 1 (5), 19).
- §727/2. *LEMNA POLYRHIZA* L. †42, Brecon; Llangorse Lake, D. P. M. GUILLE, comm. NAT. MUS. WALES—see 1953 *Year Book, B.S.B.I.*, 44.
- §727/3. *LEMNA TRISULCA* L. †42, Brecon; Llangorse Lake, D. P. M. GUILLE, comm. NAT. MUS. WALES—see 1953 *Year Book, B.S.B.I.*, 44.
- 729/2. *ALISMA LANCEOLATUM* With. 18, S. Essex; Walthamstow Marshes, J. WHITTAKER, det. and comm. E. B. BANGERTER. 20, Herts; Grand Union Canal, Rickmansworth: 21, Middx.; Grand Union Canal, Springwell to Harefield; Ruislip Reservoir, 1950: 24, Bucks.; Grand Union Canal, Denham, 1950, D. H. KENT.
- 737/23. *POTAMOGETON BERCHTOLDII* Fieb. 101, Kintyre; Tayinloan marsh, 1950, M. H. CUNNINGHAM, det. J. E. DANDY and G. TAYLOR.
- 737/27. *POTAMOGETON TRICHOIDES* Cham. & Schlecht. 17, Surrey; Pen Ponds, Richmond Park, B. WELCH, det. J. E. DANDY and G. TAYLOR.
- §745/2. *ELEOCHARIS UNIGLUMIS* (Link) Schult. †64, Mid-W. York.; marshy field bordering south side of Askham Bog, L. F. H. Merton, det. S. M. Walters (1949, *The Nat.*, 1949, 37).
- 747/1. *ERIOPHORUM LATIFOLIUM* Hoppe. 97, (Argyll); moorland near Kinloch Teacuis, Morvern: 98, Argyll; limestone ridge above Kilchrenan, Loch Awe, K. N. G. MACLEAY and E. C. WALLACE.
- 747/4. *ERIOPHORUM VAGINATUM* L. 17, Surrey; bog west of Deer Rock Hill, Berkshire-Surrey border, A. MELDERIS and E. C. WALLACE.
- §753/2. *CAREX RIPARIA* Curt. *98, Argyll; marshy ground at edge of Loch Ederline: *101, Kintyre; marshy ground under trees on south bank of Crinan canal near Bellanoch, Knapdale, K. N. G. MACLEAY.
- 753/6. *CAREX SAXATILIS* L. 105, W. Ross; sparse and poor on Sgurr Breac, Fannich: more vigorous on Beinn Dearg and Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.
- 753/13. *CAREX LAEVIGATA* Sm. 34, W. Glos.; Old Bargain's Wood, Aylburton, C. C. TOWNSEND.
- 753/27. *CAREX HUMILIS* Leyss. 7, N. Wilts.; Easton Hill, Mrs. E. Timperley (1952, *Wilts. Arch. & N.H. Mag.*, 54, 342).
- 753/35. *CAREX VAGINATA* Tausch. 105, W. Ross; north corrie of A'chailleach, Fannich, E. C. WALLACE.

§753/41. *CAREX ATRATA* L. *106, E. Ross; crags above Loch Li, Fannich, R. MACKECHNIE and E. C. WALLACE.

§753/52. *CAREX ELONGATA* L. †15, E. Kent; by a pond on Weald Clay at Stubb's Cross, Kingsnorth, E. Scott (1952, *S.E. Nat.*, 57, xix).

§753/56. *CAREX ECHINATA* Murr. †31, Hunts.; The Heath, Wood Walton Fen, one plant only, 1951, M. E. D. Poore (1952, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 4, 21).

753/59. *CAREX OTRUBAE* Podp. 101, Kintyre; Carradale, F. DAVID, comm. K. N. G. MACLEAY.

753/61(2). *CAREX POLYPHYLLA* Kar. & Kir. 32, Northants; abundant in marshy parts of Old Sulchay Forest, 1950, J. L. Gilbert, det. E. C. Wallace (1951, *J. Northants. N.H.S. & F.C.*, 32, 83). *45, Pemb.; Caldey Island, F. N. HEPPER, det. E. NELMES.

753/63. *CAREX PANICULATA* L. 98, Argyll; Loch Ederline: 101, Kintyre; south bank of Crinan canal near Bellanoch, K. N. G. MACLEAY.

§753/66. *CAREX DISTICHA* Huds. *101, Kintyre; Campbeltown, F. DAVID, comm. K. N. G. MACLEAY.

†754/11. *DIGITARIA ISCHAEMUM* (Schreb.) Muhl. 17, Surrey; near Pyrford, 1948, B. Welch (1949, *Lond. Nat.*, 28, 28).

§775/1. *MILIUM EFFUSUM* L. *105, W. Ross; ravine of Falls of Measach, Braemore, R. MACKECHNIE and E. C. WALLACE.

791/2. *DESCHAMPSIA ALPINA* (L.) Roem. & Schult. 105, W. Ross; summit of plateau of Beinn Dearg, R. MACKECHNIE and E. C. WALLACE.

†815/6. *ERAGROSTIS PILOSA* (L.) Beauv. 17, Surrey; waste land, West Clandon—recorded previously as *E. minor*, but now corrected by W. A. SLEDGE, E. C. WALLACE.

§818/2. *MELICA UNIFLORA* Retz. *97, (Argyll); Killundine, Morvern, wood above shore road, occasional, E. C. WALLACE and K. N. G. MACLEAY.

819/1b. *DACTYLIS GLOMERATA* var. *COLLINA* Schlecht. 6, N. Som.; Cheddar Gorge, F. M. DAY, det. C. E. HUBBARD.

824/4. *POA IRRIGATA* Lindm. 57, Derby; marshy pasture at Wardlow Mires near Stoney Middleton, F. W. ADAMS, comm. C. E. HUBBARD.

§824/5. *POA PALUSTRIS* L. †31, Hunts.; common at Wood Walton Fen, 1951, M. E. D. Poore (1952, *Ann. Rep. Hunts. Fauna & Flora Soc.*, 4, 22).

§824/11. *POA ALPINA* L. 97, (Argyll); scree on hill above Glen Cripesdale, Loch Sunart, K. N. G. MACLEAY and E. C. WALLACE. *105, W. Ross; northern corrie, Beinn Dearg; Eididh nan Clach Geala, R. MACKECHNIE and E. C. WALLACE.

§825/3b. *GLYCERIA DECLINATA* Bréb. *37, Worcs.; Hanley Swan, in the Swan Pool, plentiful, Rev. R. B. ABELL and C. W. BANNISTER.

826/4×829/1. ×*FESTULOLIUM LOLLACEUM* (Huds.) P. Fourn. 57, Derby; grassland near the canal at Cromford; near the river in Bradford Dale, Miss E. EVANS and F. W. ADAMS, comm. C. E. HUBBARD.

826/5. *FESTUCA ALTISSIMA* All. 105, W. Ross; ravine of Falls of Measach, Braemore, R. MACKECHNIE and E. C. WALLACE.

826/18. *VULPIA MYUROS* (L.) C. C. Gmel. 26, W. Suff.; sandy ground near Mile End, Brandon, F. W. ADAMS.

†826/18(2). *VULPIA MEGALURA* (Nutt.) Rydb. 15, E. Kent; plentiful in the vicinity of a "shoddy" stack between Old Wives Lees and Selling, 1951, D. H. KENT, det. C. E. HUBBARD.

†826(2)/1. *NARDURUS MARITIMA* (L.) Janchen. 21, Middx.; plentiful and well established on railway tracks between Denham and Uxbridge, 1951, D. H. KENT, det. C. E. HUBBARD.

†827/1(2). *BROMUS DIANDRUS* Roth. 25, E. Suff.; waste ground at Felixstowe Dock, F. W. SIMPSON.

†827/13(2). *BROMUS CARINATUS* Hook. & Arn. 8, S. Wilts.; The Butts, Salisbury, 1950, Mrs. P. R. Farquharson, det. C. E. Hubbard (1952, *Wilts. Arch. & N.H. Mag.*, 54, 343).

§827/19(2). *BROMUS LEPIDUS* Holmb. *45, Pemb.; St. Davids, plentiful on roadsides, R. M. PAYNE, det. A. MELDERIS. *57, Derby; roadside near Winster; edge of Wardlow Mires, F. W. ADAMS, conf. C. E. HUBBARD. *83, Edinb.; overgrown flower bed and rough grass verge with *B. mollis* L. sens. str., Learmouth Terrace, Edinburgh, P. S. GREEN, conf. C. E. HUBBARD.

827/19(3). *BROMUS THOMINII* Hard. *83, Edinb.; by a cinder path on the Haugh, Water of Leith, Edinburgh, P. S. GREEN, conf. C. E. HUBBARD.

§830/2. *AGROPYRON PUNGENS* (Pers.) Roem. & Schult. †66, Durham; plentiful along the north side of Greatham Creek, J. W. Heslop-Harrison (1952, *Vasc. (Subst.)*, 37, 32).

§836/1. *ELYMUS ARENARIUS* L. †98, Argyll; Dunoon-Inellan, shingly beach, locally common—? planted, E. C. WALLACE and K. N. G. MACLEAY.

844/3. *EQUISETUM SYLVATICUM* L. 4, N. Devon; near Kingbeare Farm, Okehampton Hamlets, 1951, O. Greig (1952, *Rep. & Trans. Devon Assoc.*, **84**, 259).

§854/1. *POLYSTICHUM SETIFERUM* (Forsk.) Woynar. *97, (Argyll); Killundine, Morvern; on damp rocks beside Killundine burn, E. C. WALLACE and K. N. G. MACLEAY.

854/4. *POLYSTICHUM LONCHITIS* (L.) Roth. 106, E. Ross; crags above Loch Li, Fannich, R. MACKECHNIE and E. C. WALLACE.

856/1(2). *DRYOPTERIS BORRERI* Newm. 15, E. Kent; in a dry freshwater fen, Dungeness, Miss E. O'Nians and F. Rose (1952, *S. E. Nat.*, **57**, xix). *74, Wigtown; Glen Ragie Wood near Newton Stewart; Home Farm near Newton Stewart; Kilture Forest near Wigtown, J. P. PUGH. 98, Argyll; abundant on roadsides about Loch Awe, Loch Fyne and Loch Striven, K. N. G. MACLEAY and E. C. WALLACE. 101, Kintyre; woods near Campbeltown, M. H. CUNNINGHAM. 105, W. Ross; here and there about Braemore and Inverbroom, E. C. WALLACE.

856/1(3). *DRYOPTERIS ABBREVIATA* (DC.) Newm. 101, Kintyre, west shore rocks near Campbeltown, 1950, M. H. CUNNINGHAM.

§856/2. *DRYOPTERIS CRISTATA* (L.) A. Gray. †15, E. Kent; one plant in freshwater fen at Dungeness, F. Rose (1952, *S. E. Nat.*, **57**, xix).

§856/5. *DRYOPTERIS AEMULA* (Ait.) Kuntze. 97, (Argyll); rocky burn at Killundine, Morvern, E. C. WALLACE and K. N. G. MACLEAY. 98, Argyll; Allt Beochlaich, Loch Awe-side: *101, Kintyre; Cour shore, not infrequent in shady gullies, K. N. G. MACLEAY.

§856/6. *DRYOPTERIS VILLARSII* (Bellardi) Woynar. [†100, Clyde Isles; Arran, "Mr. Stewart exhibited *Lastraea rigida* from Arran—its first discovery in Scotland," 15.7.1879, *Proc. Nat. Hist. Soc. Glasgow*, **4**, 119 (1879).]

863/1. *HYMENOPHYLLUM TUNBRIGENSE* (L.) Sm. 104, N. Ebudés; on sheltered overhanging rocks, alongside the stream in Allt à Coire Bhuidhe, Skye, ST. ANDREWS UNIVERSITY BIOL. Soc., comm. J. A. MACDONALD.

864/1. *OSMUNDA REGALIS* L. 101, Kintyre; Cour, infrequent on shore: 105, W. Ross; Ullapool, a sea cliff one mile east of pier has its face covered with sporelings and young plants, 1951, K. N. G. MACLEAY.

§869/2. *ISOETES ECHINOSPORA* Durieu. *98, Argyll; Crow Island Bay, Balliemeanoch, Loch Awe, K. N. G. MACLEAY.

CHAROPHYTA, all det. by G. O. ALLEN.

§872/5. *NITELLA TRANSLUCENS* Ag. *12, N. Hants.; in ditch by Kingsley Pond, C. LANGRIDGE. *49, Caern.; peat pool near beach three miles east of Pwllheli, A. VAUGHAN JONES. *103, Mid Ebudes; Loch an Duin near Arinagour, Isle of Coll, 1951, C. W. MUIRHEAD.

872/6b. *NITELLA MUCRONATA* var. *GRACILLIMA* Groves & Bullock-Webster. 27, E. Norf.; Rockland Broad, at a depth of 2.5 m.; A. C. JERMY.

§876/3. *CHARA VULGARIS* L. 88, Mid Perth; pool on Ben Lawers, I. EVANS, comm. C. I. SANDWICH. *103, Mid Ebudes; moorland ditch above Loch a Mhill Aird, Isle of Coll, 1951, C. W. MUIRHEAD.

876/3c. *CHARA VULGARIS* var. *PAPILLATA* Wallr. 12, N. Hants.; Odiham canal, F. D. GOODCLIFFE, comm. J. CLEGG. 17, Surrey: bog at Epton, B. GRINDELL, J. CLEGG and G. O. ALLEN. *19, N. Essex; Felsted, E. A. ROBINSON. *90, Forfar; in pools, Barry Links, W. B. OGILVIE, comm. G. TAYLOR. *H.2, N. Kerry; south of Bally Leige, L. AKERAGH, F. W. SIMPSON, comm. C. W. MUIRHEAD.

876/7b. *CHARA CONTRARIA* var. *HISPIDULA* A. Braun. (69, N. Lancs.); in gravel holes on N. Walney Island, Barrow, A. W. WESTRUP.

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

§876/17. *CHARA DELICATULA* Ag. *103, Mid Ebudes; brackish ditch on Grishipoll Bay, Isle of Coll, 1951, C. W. MUIRHEAD.

ADVENTIVE PLANTS IN GLOUCESTER (V.cc. 33 & 34), 1952

The following alien species are reported by the Rev. R. B. Abell (R.B.A.), C. W. Bannister (C.W.B.) and C. C. Townsend (C.C.T.).

BOROUGH FLOUR MILLS, TEWKESBURY (v.c. 33)

Conringia orientalis (L.) Dumort. (R.B.A. & C.W.B.). *Vella annua* L. (R.B.A. & C.W.B.). *Rapistrum orientale* (L.) Crantz (C.W.B.). *Malva pusilla* Sm. (R.B.A. & C.W.B.). *M. parviflora* L. (C.W.B.). *Ambrosia trifida* L. (C.W.B.). *Xanthium strumarium* L. (R.B.A. & C.W.B.). *Lappula myosotis* Moench (C.W.B.). *Amaranthus retroflexus* L. (C.W.B.). *Setaria glauca* (L.) Beauv. (R.B.A. & C.W.B.). *Aegilops cylindrica* Host (C.W.B., det. C. E. Hubbard).

GLOUCESTER DOCKS (v.c. 33)

Descurainia pinnata (Walt.) Britton (R.B.A. & C.W.B.). *Rapistrum orientale* (L.) Crantz (C.W.B.). *Silene anglica* L. (R.B.A. & C.W.B.). *Malva parviflora* L. (C.W.B.). *Ammi visnaga* (L.) Lam., 1951 (C.C.T.). *Verbascum virgatum* Stokes (C.W.B.).

SHARPNESS DOCKS, BRISTOL (v.c. 34)

Rorippa austriaca (Crantz) Bess. (R.B.A. & C.W.B.). *Barbarea verna* (Mill.) Aschers. (C.W.B.). *Descurainia sophia* (L.) Webb ex Prantl (C.W.B.). *Conringia orientalis* (L.) Dumort. (R.B.A. & C.W.B.). *Eruca sativa* Mill. (R.B.A. & C.W.B.). *Lepidium perfoliatum* L. (C.W.B.). *L. virginicum* L. (R.B.A. & C.W.B.). *L. densiflorum* Schrad. (R.B.A. & C.W.B., det. J. P. M. Brenan). *Neslia paniculata* (L.) Desv. (R.B.A. & C.W.B., det. J. P. M. Brenan). *Rapistrum orientale* var. *hispidum* (Godr.) Halácsy (R.B.A. & C.W.B., conf. A. Melderis). *Raphanus landra* Moretti ex DC. (C.W.B., det. A. Melderis). *Vaccaria pyramidata* Medic. (R.B.A. & C.W.B.). *Malva pusilla* Sm. (R.B.A. & C.W.B.). *Vicia narbonensis* L. (R.B.A. & C.W.B., det. J. P. M. Brenan). *Potentilla norvegica* L. (R.B.A. & C.W.B., conf. J. P. M. Brenan). *Bifora radians* Bieb. (C.W.B.). *Caucalis lappula* Grande (R.B.A. & C.W.B.). *C. latifolia* (L.) L. (C.W.B.). *Galium tricornis* Stokes (R.B.A. & C.W.B.). *Ambrosia trifida* var. *integrifolia* (Willd.) Torr. & Gray (C.W.B.). *Lappula myosotis* Moench (R.B.A. & C.W.B.). *Axyris amarantoides* L. (C.W.B., det. A. Melderis). *Setaria glauca* (L.) Beauv. (C.W.B., det. C. E. Hubbard). *Lolium temulentum* L. (R.B.A. & C.W.B., conf. C. E. Hubbard).