

## PLANT RECORDS

Compiled by E. C. WALLACE.

Records are for the year 1948 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 in the British Isles.
- † 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 an 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.

2/2(2). *THALICTRUM ARENARIUM* Butcher. 105, W. Ross; old dune, Big Sand, near Gairloch, H. MILNE-REDHEAD, R. MACKECHNIE and E. C. WALLACE.

5/1. *MYOSURUS MINIMUS* L. 37, Wores.; Eckington Bridge, Birlingham, near Pershore, Mrs A. PATON, comm. D. McCLINTOCK.

§9/2. *HELLEBORUS FOETIDUS* L. †\*43, Rad.; Clyro, 1946, J. E. BECKERLEGGE, comm. NAT. MUS. WALES. \*†58, Ches.; in a copse near Neston, Wirral, 1946, W. S. Lacey, (1947, *N.W. Nat.*, 22, 116).

§14/1. *ACONITUM ANGLICUM* Stapf. \*†69b, N. Lancs.; Old Park Wood, Holker, 1948, G. WILSON, comm. CARLISLE MUSEUM.

†21/15. *PAPAVER ATLANTICUM* (Ball) Cosson. 17, Surrey; established on a lane bank, Godstone, D. McCLINTOCK.

23/1. *GLAUCIUM FLAVUM* Cr. 15, E. Kent; plentiful in an anti-tank ditch on the chalk downs behind Folkestone—up to two miles from the sea—F. ROSE.

†27/1. *ARGEMONE MEXICANA* L. 33, E. Glos.; (2a) waste, by-pass, Gloucester, C. C. TOWNSEND.

32/1. *FUMARIA CAPREOLATA* L. 15, E. Kent; Kingsdown Beach, 1946, F. ROSE; Coxheath, 1947, M. PAFFARD and F. ROSE.

32/9. *FUMARIA BASTARDI* Boreau. 41, Glam.; Port Eynon dunes, J. E. LOUSLEY and D. McCLINTOCK.

32/5×10. *FUMARIA BORAEI* Jord. × *OFFICINALIS* L. 15, E. Kent; Coxheath, C. WEST.

37/1. *ARABIS HIRSUTA* (L.) Scop. 30, Beds.; 6-7 plants on chalk escarpment grassland, Dunstable Downs, 1943, B. VERDCOURT—ante-dates record in *B.E.C. 1945 Rep.*, 51 (1947), E.C.W.

†49/4. *SISYMBRIUM ORIENTALE* L. 69b, N. Lancs.; Ramsden Dock, Barrow-in-Furness, G. WILSON, comm. CARLISLE MUSEUM.

†49/13. *SISYMBRIUM LOESELII* L. 30, Beds.; rubbish dump, Sundon, J. G. DONY, det. A. J. WILMOTT.

†52/3. *CAMELINA SYLVESTRIS* Wallr. 30, Beds.; railway embankment, Flitwick, E. T. BLUNDELL, comm. J. G. DONY, det. A. J. WILMOTT.

54/1. *BRASSICA OLERACEA* L. †85, Fife; cliffs at Elie, Mrs H. STEWART, comm. CARLISLE MUSEUM.

54/5. *BRASSICELLA MONENSIS* (Huds.) O. E. Schulz. 41, Glam.; two colonies on sandy cliffs of Three Cliffs Bay, Gower; recorded from here at intervals from 1838 but regarded by local botanists as probably extinct (see Vachell, 1936, *Glamorgan County History*, 1, 1940), J. E. LOUSLEY and D. McCLINTOCK.

†54/6. *BRASSICELLA ERUCASTRUM* (L.) O. E. Schulz. 41, Glam.; abundant on dunes, Jersey Marine, J. E. LOUSLEY, D. McCLINTOCK and Miss E. VACHELL.

54/22. *BRASSICA INCANA* (L.) F. Schultz (as *HIRSCHFELDIA INCANA* (L.) Lagrèze-Fossat). †15, E. Kent; common from North Foreland to Sandwich and on dunes at Shellness; evidently spreading rapidly—probably from the sidings at Richborough, where it is well known, J. E. LOUSLEY, R. GRAHAM and D. McCLINTOCK. †41, Glam.; abundant on dunes, Jersey Marine, J. E. LOUSLEY, D. McCLINTOCK and Miss E. VACHELL. †44, Carmarthen; sidings by Pembrey Station and on Pembrey dunes, J. E. LOUSLEY and D. McCLINTOCK.

55/1. *DIPLTAXIS TENUIFOLIA* (L.) DC. †69b, N. Lancs.; Ramsden Dock, Barrow-in-Furness, 1948, G. WILSON, comm. CARLISLE MUSEUM.

†70/2. *VOGELIA PANICULATA* (L.) Hornem. 16, W. Kent; rubbish dump near Sevenoaks, 1948, D. McCLINTOCK, det. and comm. J. E. LOUSLEY.

†76/3c. *RAPISTRUM RUGOSUM* (L.) All. var. *VENOSUM* (Pers.) DC. 30, Beds.; railway siding, Blunham, H. B. SOUSTER and J. G. DONY, det. A. J. WILMOTT.

†85/4. *RESEDA PHYTEUMA* L. 15, E. Kent; cornfield, chalk, Westwell near Ashford (also found 2 fields away in 1946), C. N. POPE, comm. J. E. LOUSLEY.

88/19. *VIOLA LEJEUNEI* Jord. 107, E. Suth.; Badnellan, Brora, W. A. TOD, det. A. J. WILMOTT.

†95/1. *SAPONARIA OFFICINALIS* L. 41, Glam.; abundantly naturalised on dunes, Jersey Marine, J. E. LOUSLEY and D. McCLINTOCK.

96/2×1. *SILENE CUCUBALUS* Wibel × *MARITIMA* With. 6, N. Som.; about old mine workings near Rowberrow, Mendips, varying forms of the hybrid occur, C. I. and N. Y. SANDWITH (1948, *Proc. Brit. Nat. Soc.*, 27, 203).

96/5. *SILENE ANGLICA* L. 41, Glam.; Jersey Marine dunes, J. E. LOUSLEY and D. McCLINTOCK.

†96/16. *SILENE DICHOTOMA* Ehrh. 17, Surrey; (7) cornfield between Banstead and Epsom Downs, 1943 or 1944, J. G. MALTBY, det. J. E. LOUSLEY, comm. D. P. YOUNG.

†96/27(2). *SILENE COELLI-ROSA* (L.) A.Br. 30, Beds.; rubbish dump, Sundon, J. G. DONY, det. N. Y. SANDWITH.

98/1. *LYCHNIS FLOS-CUCULI* L. 105, W. Ross; wet gully on Ben Dearg, Torridon Forest, alt. c. 1500 ft., July 1947, R. MACKECHNIE.

§100/7. *CERASTIUM PUMILUM* Curt. \*†30, Beds.; railway ballast, Sundon, 1944, J. G. DONY; along five miles of railway plentifully from Sharnbrook to Oakley, 1948, E. MILNE-REDHEAD and J. G. DONY; railway, south of Bedford, 1948, J. G. DONY.

§100/8. *CERASTIUM SEMIDECANDRUM* L. 69b, N. Lancs.; Roanhead, near Dalton-in-Furness, G. WILSON, comm. CARLISLE MUSEUM: \*102, S. Ebudes; sandhills, Traigh nam Barc, Isle of Colonsay, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

†100/12. *CERASTIUM TOMENTOSUM* L. 43, Rad.; walls, Presteigne, J. A. WEBB, comm. NAT. MUS. WALES.

101/6. *STELLARIA DILLENIANA* Moench. 15, E. Kent; Preston Court Marshes, F. ROSE: between Stodmarsh and Grove Ferry, 1947, L. WILSON: reported near Preston to Miss E. M. DAY about 15-20 years ago, comm. F. ROSE.

102/6. *ARENARIA LEPTOCLADOS* Guss. 61, S.E. York; disused gravel pit near Shiptonthorpe, C. M. ROB.

§103/7. *SAGINA CILIATA* Fr. \*44, Carm.; railway track, Burry Port, J. E. LOUSLEY and D. McCLINTOCK.

§103/7(2). *SAGINA FILICAULIS* Jord. †7, N. Wilts.; Lydiard Millicent, Mrs Shepherd, comm. J. D. GROSE (1948, *Wilts. Arch. N.H. Mag.*, 52, 226). 15, E. Kent; railway ballast, Shepherds Well, 1946, D. P. YOUNG, det. A. J. WILMOTT.

§111/2. *ELATINE HEXANDRA* (Lapierre) DC. †104, N. Ebudes; Loch Papadil, Rhum, J. Heslop Harrison (1947, *Vasc. Subst.*, 32, 24).

†112/3. *HYPERICUM HIRCINUM* L. 52, Angl.; roadside close to an estate near Beaumaris, 1947, N. Woodhead and R. D. Tweed (1947, *N.W. Nat.*, 22, 117).

112/12. *HYPERICUM DUBIUM* Leers. 42, Brecon.; below Don-y-graig, Cefn Coed, J. E. LOUSLEY, D. McCLINTOCK and Miss E. VACHELL.

123/3. *TILIA CORDATA* Mill. 38, Warw.; several trees in good flower in Oversley Wood, Alcester, F. ROSE.

§125/2. *LINUM ANGLICUM* Mill. 55, Rutland; wrongly deleted from v.-c. 55 in *B.E.C. 1945 Rep.*, 45—the erroneous records only concerned Leics. (see Horwood & Noel, 1933, *Fl. Leics. and Rutl.*, 675)—F. ROSE.

†127/24b. *GERANIUM IBERICUM* Cav. var. *PLATYPETALUM* (F. & M.) Boiss. 33, E. Glos.; (7b) gravel pit, Shurdington, 1947, C. C. TOWNSEND, det. A. J. WILMOTT.

†128/14. *ERODIUM CYGNORUM* Nees. 30, Beds.; a wool alien, railway siding, Flitwick, 1948, J. G. DONY, det. N. Y. SANDWITH.

§†133/2. *IMPATIENS CAPENSIS* Meerburgh. \*55, Leics.; canal, Deb-dale Wharf, near Foxton, F. A. SOWTER.

†133/3. *IMPATIENS PARVIFLORA* DC. 70, Cumb.; roadside opposite Skinburness Hotel, Silloth, Miss N. M. STALKER, comm. CARLISLE MUSEUM.

†133/4. *IMPATIENS GLANDULIFERA* Royle. 16, W. Kent; abundant by the silted-up lakes, Glassenbury Park, Goudhurst, F. ROSE.

†140/2. *VITIS HEDERACEA* Ehrh. 17, Surrey; (8) Selsdon Road, Croydon, climbing over elder bushes (see note under *Salvia verticillata* regarding site), first noted 1939, destroyed by building, 1948; although growth was vigorous it never flowered, D. P. YOUNG. 41, Glam.; Gower, established on sand-dunes, Oxwich, J. E. LOUSLEY and D. McCLINTOCK (as *Parthenocissus quinquefolia* (L.) Planch.).

†153/6. *MEDICAGO MINIMA* (L.) Bartal. 30, Beds.; a wool alien, railway siding, Flitwick; previous records refer to var. *recta* (Desf.) Burnat, J. G. DONY.

†153/16. *MEDICAGO TRIBULOIDES* Desf. 30, Beds.; a wool alien, railway siding, Flitwick, N. Y. SANDWICH, B. VERDCOURT and J. G. DONY.

†155/15(2). *TRIFOLIUM ELEGANS* Savi. 30, Beds.; gravel pit, Eaton Socon, J. G. DONY and J. E. LOUSLEY.

†155/38. *TRIFOLIUM TOMENTOSUM* L. 30, Beds.; a wool alien, railway siding, Flitwick, J. G. DONY.

166/1. *ASTRAGALUS GLYCYPHYLLOS* L. 54, N. Lincs.; hedgebank in Haxey, in the Isle of Axholme (apparently on Keuper Marl), F. ROSE.

§176/4. *VICIA OROBUS* DC. \*105, W. Ross; low hillocks by the sea, Mellon Charles, R. MACKECHNIE, H. MILNE-REDHEAD and E. C. WALLACE.

†176/5. *VICIA VILLOSA* Roth. 27, E. Norf.; gravel pit, Frettenham, J. E. LOUSLEY and D. McCLINTOCK.

†176/6. *VICIA DASYCARPA* Tenore. 27, E. Norf.; by gravel pit, Frettenham, J. E. LOUSLEY and D. McCLINTOCK.

§176/9. *VICIA LUTEA* L. \*69b, N. Lancs.; Roanhead, near Dalton-in-Furness, 1948, G. WILSON, comm. CARLISLE MUSEUM.

176/14. *VICIA LATHYROIDES* L. 16, W. Kent; Shorne Warren, D. McCLINTOCK, det. J. E. LOUSLEY.

†176/26. *VICIA PANNONICA* Crantz. 17, Surrey; many plants in a field of vetches and peas near Trumps Green, Virginia Water; the typical form, var. *typica* Beck., with creamy-white corollas, the standard with brownish-olive stripes on the inner surface, N. Y. SANDWICH.

†176/37. *VICIA ERVILIA* (L.) Willd. 23, Oxon.; several plants in a cornfield on chalk, near Goring, Mrs F. PARTRIDGE and N. Y. SANDWICH.

†178/3. *LATHYRUS TUBEROSUS* L. 85, Fife; near Elie, in waste ground by field, 1948, Miss E. C. SHARP and Miss U. K. DUNCAN, comm. U. K. DUNCAN.

185. *RUBUS*. All specimens determined by W. C. R. WATSON except where otherwise stated.

185/6. *RUBUS PLICATUS* W. & N. 70, Cumb.; railway bank on disused Bromfield to Abbey Town line, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

185/9(2). *RUBUS BRIGGSIANUS* (Rogers) W. Wats. \*35, Mon.; The Minnetts, St Brides, 1904, W. A. SHOOLBRED (as *R. affinis* W. & N.), comm. NAT. MUS. WALES.

185/17. *RUBUS INCURVATUS* Bab. 70, Cumb.; Grune Point, Skinburness, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

185/29. *RUBUS POLYANTHEMOS* Lindeb. 70, Cumb.; bank near Cargo-on-Eden; hedge near Buttermere village; Skinburness, Silloth; C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

†185/38. *RUBUS LACINIATUS* Willd. 107, E. Suth.; roadside between Brora and Gordonbush, one mile from nearest house, W. A. TOD, det. A. J. WILMOTT.

185/41(2). *RUBUS SCIOCHARIS* (Sudre) W. Wats. \*35, Mon.; near Llanvair Discoed, 1910, and Hale Wood, Tintern, 1892, W. A. SHOOLBRED; Chepstow Park, 1925, H. J. RIDDELSDELL, comm. NAT. MUS. WALES.

185/42. *RUBUS LEUCANDRUS* Focke. \*35, Mon.; marshy thicket below Coed Cae, Shirenewton, 1897, W. A. SHOOLBRED (as *R. Selmeri* Lindb.); previous records from Mon. were based upon misidentifications, comm. NAT. MUS. WALES.

185/61. *RUBUS BRACTEOSUS* Weihe. 35, Mon.; Trelleck Bog, 1891, W. H. PURCHAS (as *R. nitidus* W. & N.), comm. NAT. MUS. WALES.

185/73. *RUBUS EGREGIUS* Focke. 70, Cumb.; Blaithwaite, near Wigton, 1946, J. PARKIN, comm. CARLISLE MUSEUM.

185/80. *RUBUS MUCRONIFER* Sudre. 70, Cumb.; Winding Bank, Abbey Town, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

185/83. *RUBUS ALTERNIFLORUS* M. & L. \*35, Mon.; near Tintern, 1891, W. A. SHOOLBRED (as *R. nemoralis* P.J.M., forma); The Forest, Llangibby, 1943, A. E. WADE, comm. NAT. MUS. WALES.

185/109(2). *RUBUS DIVERSUS* W. Wats. 70, Cumb.; by the R. Eden, Wetheral, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

185/120(2). *RUBUS FOLIOSUS* Weihe. \*35, Mon.; Darren Road, Risea, 1942, A. E. WADE, comm. NAT. MUS. WALES.

185/129(2). *RUBUS ADENOLOBUS* W. Wats. 70, Cumb.; roadside near Cargo-on-Eden, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

186/1. *DRYAS OCTOPETALA* L. 96, Easternness; in some quantity on rock ledges of Coire Chuirn, south of Dalwhinnie, c. 2200-2400 ft., N. Y. SANDWICH and C. L. HARE.

190/4. *ALCHEMILLA VESTITA* (Bus.) Raunk. 107, E. Suth.; Doll, Brora, W. A. Tod, det. A. J. WILMOTT.

§199/1. *SAXIFRAGA AIZOIDES* L. †110, O. Hebr.; Isle of Barra, J. Heslop Harrison (1947, *Vasc. Subst.*, **32**, 16).

199/21. *SAXIFRAGA NIVALIS* L. 89, E. Perth; Forest of Atholl, sparingly on rocks of deep gorge of Allt Mhic an Rìgh, near Sronphardruig Lodge, c. 2200 ft., N. Y. SANDWITH.

†211/1(2). *SEDUM SPURIUM* M.B. 43, Rad.; walls, Presteigne, J. A. WEBB, comm. NAT. MUS. WALES.

216/2. *MYRIOPHYLLUM ALTERNIFLORUM* DC. 62, N.E. York; Gormire tarn, at a depth of 18-19 ft., W. G. Burton (1948, *Naturalist*, 43-44).

216/3. *MYRIOPHYLLUM VERTICILLATUM* L. 7, N. Wilts.; canal, Bradford-on-Avon, O. Buckle, comm. J. D. Grose (1948, *Wilts. Arch. N.H. Mag.*, **52**, 226).

†220/17. *EPILOBIUM PEDUNCULARE* A. Cunn. 48, Mer.; Craig-y-Benglog, near Dolgelly, 1947, DEPT. OF BOTANY, UNIV. COLL. ABERYSTWYTH, comm. NAT. MUS. WALES. 49, Caern.; in abundance, Cwm-y-Foel, Moel Siabod, 1947, EVAN ROBERTS, comm. NAT. MUS. WALES: floor of the quarry on Penmaen Mawr, alt. c. 1500 ft., 1947, W. S. Lacey (1947, *N.W. Nat.*, **22**, 116-117).

†224/1. *FUCHSIA RICcartoni* Hort. 45, Pemb.; naturalised on the cliff face near the hotel, Goodrich, 1947, J. A. WEBB, comm. NAT. MUS. WALES.

†240/1b. *ASTRANTIA MAJOR* L. var. *INVOLUCRATA* Koch. 88, M. Perth; rocky and shady riverbank, Killin, N. Y. SANDWITH.

247/1. *APIUM GRAVEOLENS* L. 21, Middlx.; River-wall, London Dock, probably native, J. E. LOUSLEY.

§250/2. *CARUM VERTICILLATUM* (L.) Koch. \*105, W. Ross; marsh by Loch Shiel, Glenshiel, E. F. & P. P. C. WARBURG.

†279/1. *CORIANDRUM SATIVUM* L. 17, Surrey; old brickfield, Earlswood, Miss B. M. C. MORGAN, comm. J. E. LOUSLEY. 21, Middlx.; in quantity on brick rubble by St Dunstons-in-the-East, City of London, J. E. LOUSLEY.

†292/1. *LEYCESTERIA FORMOSA* Wallich. 45, Pemb.; Parrog, 1947, J. A. WEBB, comm. NAT. MUS. WALES.

296/5. *GALIUM PUMILUM* Murr. 15, E. Kent; on chalk turf on the cliffs east of Dover—the form of this species in this and its other Kentish station (Chilham) is tall and slender, with a habit more like that of *G. erectum* Huds. than of the *G. pumilum* of the Mendips or the northern Carboniferous Limestone—F. ROSE.

296/13. *GALIUM ANGLICUM* Huds. 27, E. Norf.; in plenty on sandy railway bank, Mileplain Plantation, near Attlebridge, J. E. LOUSLEY and D. McCLINTOCK.

298/1. *ASPERULA ODORATA* L. 29, Cambridge; plentiful under beeches in one spot on the earthwork, Gog Magog Park, R. A. BONIFACE and F. ROSE.

†299/3. *PHUOPSIS STYLOSA* (Trin.) Benth. & Hook. f. ex Jacks. (*CRUCIANELLA STYLOSA* Trin.) 41, Glam.; abundant on a limestone bank, St Donats, J. A. WEBB, comm. NAT. MUS. WALES.

§301/1. *VALERIANA OFFICINALIS* L. \*16, W. Kent; on chalky banks . . . (at) Cudham, 1906, W. H. Griffin (1909, *Woolwich Surveys*); on chalk hedgebank south of Green Street Green, near Farnborough; wood on chalk, west of Snodland, 1944-48, F. ROSE. \*19, N. Essex; Howe Wood, Stretthall, on dry chalky Boulder Clay, R. A. BONIFACE and F. ROSE.

304/1. *VALERIANELLA OLITORIA* Poll. 29, Cambs.; a weed in the kitchen garden, Gog Magog Park, R. A. BONIFACE and F. ROSE.

\*†318/2. *ASTER PANICULATUS* Lam. 33, E. Glos.; (2a) roadside ditch, between Ashchurch and Tewkesbury, naturalised, 1948, C. W. BAN-  
NISTER, det. A. J. WILMOTT.

†318/3. *ASTER LONGIFOLIUS* Lam. 107, E. Suth.; well established on bank of River Brora, W. A. TOD, det. A. J. WILMOTT.

†318/6. *ASTER LANCEOLATUS* Willd. 69, Westm.; Esthwaite N. Fen, amongst *Molinia*; Waterhead, Windermere, with *Juncus filiformis*, *Achillea Ptarmica*, etc., T. G. TUTIN.

§318/20. *ASTER LINOSYRIS* (L.) Bernh. \*41, Glam.; Gower Peninsula. In small quantity but undoubtedly native on Carboniferous Limestone cliffs, 1948; associated with many of the species with which it grows in other localities on Carboniferous Limestone in Somerset, Caernarvonshire and Lake Lancashire; from its distribution the occurrence of the species in Glamorgan was to be expected; old records from other parts of that county on other geological formations are regarded as introductions or errors,—remove brackets in *C.F.*—J. E. LOUSLEY, D. McCLINTOCK and Miss E. VACHELL.

320/2. *ERIGERON ACER* L. 69b, N. Lancs.; Roanhead, near Dalton-in-Furness, G. WILSON, comm. CARLISLE MUSEUM.



+320/10b. *ERIGERON KARVINSKIANUS* DC. var. *MUCRONATUS* (DC.) Asch. 41, Glam.; Lisvane reservoir, near Cardiff, J. E. BECKERLEGG, comm. NAT. MUS. WALES.

§+327/1. *ANAPHALIS MARGARITACEA* (L.) C. B. Clarke. \*43, Rad.; one patch for many years on a hillside, Upper Goytre Farm, Beguildy, 1947, A. T. HUNT, comm. NAT. MUS. WALES.

+333/1. *INULA HELENIUM* L. 90, Angus; Parkhill near Arbroath, in waste ground by farm buildings, Miss U. K. DUNCAN.

+339/3. *AMBROSIA ARTEMISIFOLIA* L. 24, Bucks.; edge of cornfield, Doney Bottom near Beaconsfield, Miss A. F. WOOD, det. and comm. J. E. LOUSLEY.

+353/6. *BIDENS FRONDOSA* L. 30, Beds.; a wool alien, railway siding, Flitwick, J. G. DONY, det. N. Y. SANDWITH.

§+371/3. *MATRICARIA SUAVEOLENS* (Pursh.) Buch. \*102, S. Ebudes; Machrins, Isle of Colonsay, 1948, J. CREED and R. A. BOYD; comm. CARLISLE MUSEUM. \*105, W. ROSS; Torrison and Inver Alligin, 1947; Dundonnell and Gruinard, 1948, E. C. WALLACE.

+372/3. *COTULA CORONOPIFOLIA* L. 58, Ches.; with reference to the note in *Watsonia*, 1, 46, 1949, I am informed by Dr A. J. Farmer that as representative of the Associated Learned Societies of Liverpool and District he met a representative of Wallasey Engineer's Staff on Leasowe Common on 30 May 1946 who satisfied him that the boundaries of the 12 acres over which tipping was proposed did not include the area where the plant grows best; if the proposed limits are adhered to the continued existence of the species should not be materially threatened in this locality, J. E. LOUSLEY: recorded from the Mersey shore near Bromborough Dock by M. Henderson and N. F. McMillan (1947, *N.W. Nat.*, 22, 114); A. A. Dallman states that this station is an extension of its range and discusses its introduction.

382/7×8. ×*SENECIO LONDINENSIS* Lousley. 25, E. Suff.; with parents, Felixstowe Docks, J. E. LOUSLEY and D. McCLINTOCK. 63, S.W. York; embankment of L.M.S. Railway between Woodhouse Mill and Beighton, 1947, J. BROWN, confirmed and comm. J. E. LOUSLEY.

§+383/7. *SENECIO SQUALIDUS* L. 22, Berks.; two specimens on Buckleberry Common, miles from any railroad, 1946, C. C. TOWNSEND. \*69b, N. Lanes.; Ramsden Dock, Barrow-in-Furness, G. WILSON, comm. CARLISLE MUSEUM.

+389/2. *ECHINOPS RITRO* L. 22, Berks.; near top of Compton Hill, 1946, C. C. TOWNSEND.

396/3a. *CIRSIUM HELENIODES* (L.) Hill var. *LEGITIMUM* (Gaud.) Sledge. 57, Derby; Grin Plantation, Buxton, 1946, J. E. LOUSLEY, R. H. and F. T. HALL, E. C. WALLACE and Miss RUTH CAREY, det. W. A. SLEDGE, comm. J. E. LOUSLEY.

§422/3. *LEONTODON LEYSSERI* (Wallr.) Beck. \*102, S. Ebudes: Leaba Mhor, Oronsay, J. CREED and R. A. BOYD, comm. CARLISLE MUSEUM.

425/2. *LACTUCA SERRIOLA* L. †33, E. Glos.; (2a) arable field, Pamington, plentiful in 1946-8; Northway, spreading in 1948; these plants belong to a form with horizontal, undivided leaves, resembling *L. virosa* L., but the ripe fruits are always grey; this form has become increasingly common during recent years, C. W. BANNISTER, det. at KEW.

†425/9. *LACTUCA TATARICA* C. A. Mey. 50, Denb.; near the G.W.R. main line, Marford Hill, 1946, E. G. WILLIAMS, comm. NAT. MUS. WALES.

§433/1. *WAHLENBERGIA HEDERACEA* (L.) Rehb. \*15, E. Kent; heathy woodland ride on loam, north of Sissinghurst (with *Radiola*, *Centunculus* and *Centaureium pulchellum*), F. ROSE.

†435/7. *CAMPANULA RAPUNCULUS* L. 15, E. Kent; (1) roadside at Evington, Elmsted (near Wye), 1947, P. R. BELL and F. ROSE.

439/1. *OXYCOCCUS QUADRIPETALUS* Gilib. 38, Warw.; in a bog at Bickenhill Plantation, F. R. ROSE.

439/1c. *OXYCOCCUS QUADRIPETALUS* Gilib. var. *PYRIFORMIS* Druce. 69, Westm.; abundant with the type, in bog at head of Lily Mere (west of Sedbergh), R. A. BONIFACE, J. LAVENDER and F. ROSE.

444/1. *ANDROMEDA POLIFOLIA* L. 69, Westm.; abundant in bog at head of Lily Mere (west of Sedbergh), R. A. BONIFACE, J. LAVENDER and F. ROSE.

§441/2. *ARCTOSTAPHYLOS ALPINA* (L.) Spreng. 96, Easternness; summit ridge between Mam Sodhail and Sgurr na Lapaich at about 3100 ft.—higher than given in *C.F.*—1947, S. M. WALTERS and E. F. WARBURG.

†451/2. *LEDUM LATIFOLIUM* Jacq. 70, Cumb.; Scaleby Moss, near Carlisle, known there for 30 years, H. RUMMICK, comm. CARLISLE MUSEUM.

453/1b. *PYROLA ROTUNDIFOLIA* L. var. *MARITIMA* (Kenyon). 69b, N. Lancs.; Roanhead, near Dalton-in-Furness, 1948, G. WILSON, comm. CARLISLE MUSEUM.

468/1. *CENTUNCULUS MINIMUS* L. 46, Card.; abundant in dune slack, Ynys-las—recorded from here by Lees in 1842, but apparently not seen since (Salter, *Fl. Cardigansh.*)—P. W. RICHARDS. 105, W. Ross; coast at Mellon Charles, near Aultbea, E. C. WALLACE.

†473/1. *VINCA MAJOR* L. 46, Card.; hedgerow, Aberarth, J. A. WEBB, comm. NAT. MUS. WALES.

†474/2. *BUDDLEIA DAVIDII* Franchet. 45, Pemb.; Goodrich, 1947, J. A. WEBB, comm. NAT. MUS. WALES.

480/9b. *GENTIANA CAMPESTRIS* L. var. *BALTICA* (Murb.). 48, Mer.; moist hollows, calcareous sand dunes, Harlech, 1946, MARTIN P. M. RICHARDS, det. E. F. WARBURG (as *G. baltica* Murb.).

†493/2. *LAPPULA ECHINATA* Gilib. 17, Surrey; disused brickfield, Earlswood, Miss B. M. C. MORGAN, det. and comm. J. E. LOUSLEY.

†497/9. *SYMPHYTUM GRANDIFLORUM* DC. 17, Surrey; naturalised in a sunken lane, Bletchingley, Miss M. BRYAN, det. and comm. B. VERDCOURT.

†511/2. *CALYSTEGIA SYLVESTRIS* (Willd.) R. & S. 29 Camb.; hedge of Botanic Garden Allotments, 1946, T. G. TUTIN. 69, Westm.; hedges near gardens, Coniston and Sawrey, 1947, T. G. TUTIN; roadside near Cartmel, A. P. CONOLLY. 88, M. Perth; hedge by garden near Loch Tummel, 1947, T. G. TUTIN.

†515/7. *CUSCUTA SUAVEOLENS* Sér. 35, Mon.; on *Antirrhinum majus*, Glansychan Park, Abersychan, 1947, J. W. BARKER, comm. NAT. MUS. WALES.

§521/1. *ATROPA BELLADONNA* L. †19, N. Essex; chalky hedgebank between Littlebury and Strethall, R. A. BONIFACE and F. ROSE—see Gibson, 1862, *Fl. Essex* and *B.E.C. 1932 Rep.*, 106, for earlier records.

532/3. *LINARIA REPENS* (L.) Mill. 17, Surrey; (8) Park Downs. Banstead, 1948, a small patch on chalk scrubland, shown me by Mr J. G. MALTBY; I cannot trace any previous record of this station, and although not far from houses there seems no reason to doubt its nativity here, D. P. YOUNG. 22, Berks.; an albino form, near Blewbury, 1946, C. C. TOWNSEND. 41, Glam.; abundant about railway lines, Jersey Marine: 44, Carm.; abundant on railway tracks, Pembrey and Burry Port, J. E. LOUSLEY and D. McCLINTOCK.

†532/5. *LINARIA SUPINA* (L.) Desf. 44, Carm.; railway track near Burry Port Railway Station, J. E. LOUSLEY and D. McCLINTOCK.

§543/9. *VERONICA AQUATICA* Bernh. †103, M. Ebudes; Isle of Coll, J. Heslop Harrison (1947, *Vasc. Subst.*, 32, 16).

543/12. *VERONICA HUMIFUSA* Dicks. 105, W. Ross; sparingly in Coire Mhic Fhearchair, Beinn Eighe, 1947, R. MACKECHNIE and E. C. WALLACE.

†543/22. *VERONICA LONGIFOLIA* L. 41, Glam.; railway bank, Canton, Cardiff, RUTH DAVIES, comm. NAT. MUS. WALES.

†543/41. *VERONICA FILIFORMIS* Sm. 13, W. Sussex; abundant by the Arun near Houghton, towards Arundel Park, E. C. WALLACE. 33, E. Glos.; (2a) Cheltenham, T. A. SPRAGUE: (7a) near Queen's Wood, Prestbury, C. C. TOWNSEND, det. A. J. WILMOTT: (7b) sandpits, Sandy Lane, Leckhampton, 1947, C. C. TOWNSEND. 69, Westm.; High Wray, roadside in village, 1941—had increased somewhat by 1948, T. G. TUTIN. 90, Forfar; hedgebank near Ardgarth, Lundie, 1947, E. F. WARBURG.

545/2. *EUPHRASIA BOREALIS* Wettst. 35, Mon.; meadow, roadside between Llanthony and Capel-y-ffin, Vale of Ewyas, 1944, R. LEWIS, det. E. F. WARBURG.

545/5c. *EUPHRASIA NEMOROSA* (Pers.) Löhr var. *CALCAREA* Pugsl. 28, W. Norf.; rail embankment on chalk, Narborough, 1945, E. L. SWANN, det. E. F. WARBURG.

§546/4. *BARTSIA VISCOSA* L. †\*34, W. Glos.; many plants over a wide area on Durdham Downs, Bristol, on ground which had been re-sown after occupation by the military, Mrs C. I. SANDWICH.

548/3. *RHINANTHUS MINOR* Ehrh. 33, E. Glos.; (2a) common in osier bed, Swindon Village, 1948, C. C. TOWNSEND, det. A. J. WILMOTT as what has been called ssp. *elatior* (Schur.) Soó forma *genevensis* Chabert.

§549/1. *MELAMPYRUM CRISTATUM* L. †55, Rutland; several records are given for Rutland in Horwood (1933, *Fl. Leics. and Rutland*) (overlooked in *B.E.C. 1945 Rep.*, 46), F. A. SOWTER and F. ROSE.

§550/7. *OROBANCHE HEDERAE* Duby. \*5, S. Som.; Hurlston Point and Wootton Courtenay, 1942, J. E. LOUSLEY: plentiful on the bushy cliffs west of Minehead, F. ROSE.

§552/2. *UTRICULARIA NEGLECTA* Lehm. 89, E. Perth; Ben Vrackie, flowering, 1947, not given for Scotland by P. M. Hall in *B.E.C. 1938 Rep.*, 104-105 (1939), E. F. WARBURG.

558/6a. *MENTHA PIPERITA* L. var. *OFFICINALIS* Sole. 36, Hereford; Rowstone, and Eastnor near Brousie, F. M. DAY, det. R. GRAHAM.

558/13j. *MENTHA ARVENSIS* L. var. *DENSIFOLIATA* Briq. 33, E. Glos.; (7a) on lower wood path, Puckham Wood, C. C. TOWNSEND, det. R. GRAHAM.

§558/14. *MENTHA PULEGIUM* L. \*35, Mon.; Roggiett, 1942, Mrs ELLIS, comm. NAT. MUS. WALES.

†566/15. *SALVIA HORMINUM* L. 19, N. Essex; Corporation Dump, Hythe near Colchester, J. E. LOUSLEY, R. GRAHAM and D. McCLINTOCK.

†566/17. *SALVIA VERTICILLATA* L. 17, Surrey; (8) Selsdon Road, Croydon, first seen 1933, disappeared about 1941; the site, now built over, was a farmhouse garden many years ago, and other relics of cultivation that persisted nearby were *Vitis hederacea* Ehrh., *Smyrniolum Olusatrum* L. (still extant), and *Ribes Grossularia* L.—D. P. YOUNG. 50, Denb.; Marford gravel pits, The Rossett, 1948, E. G. WILLIAMS, comm. NAT. MUS. WALES.

§574/1. *MELISSA MELISSOPHYLLUM* L. \*44, Carm.; shady bank bordering Gelligatti Woods, 1 mile west of Newcastle Emlyn, 1947, D. JAMES; roadside below Bryn Blair, 1948, ISABEL MURRAY; comm. NAT. MUS. WALES.

§578/1. *GALBOPSIS SPECIOSA* Mill. \*44, Carm.; Llanegwad, J. BRUNKER, comm. NAT. MUS. WALES.

587/2. *AJUGA PYRAMIDALIS* L. 102, S. Ebuide; Carnan Eoin, on Kiloran flags; Beinn nan Caorach, on mudstones, Isle of Colonsay, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

§593/1. *HERNIARIA GLABRA* L. †\*54, N. Lincs.; Grimsby Docks, 1929, S. A. COX, det. and comm. J. E. LOUSLEY.

600/6. *CHENOPODIUM MURALE* L. †33, E. Glos.; (2a) Flour Mills, Tewkesbury, C. W. BANNISTER, det. at KEW. 41, Glam.; Port Eynon dunes, J. E. LOUSLEY and D. McCLINTOCK.

†600/8k. *CHENOPODIUM ALBUM* L. var. *VIRIDE* (L.) Syme. 30, Beds.; Tilsforth, 1947, J. G. DONY, det. J. P. M. BRENNAN (as *C. viride* L.).

†600/26(2). *CHENOPODIUM PUMILIO* B.Br. 30, Beds.; railway siding, Flitwick, J. P. M. BRENNAN and J. G. DONY.

†600/34(4). *CHENOPODIUM PROBSTII* Aellen. 30, Beds.; a wool alien. railway siding, Flitwick, J. G. DONY, det. J. P. M. BRENNAN.

615/4b. *POLYGONUM VIVIPARUM* L. var. *ALPINUM* Wahl. 49, Caern.; Cwm Glas, 1947, and near Clogwyn y Garnedd, EVAN ROBERTS, comm. NAT. MUS. WALES.

†615/33. *POLYGONUM SACHALINENSE* Schmidt. 97, Westerness; a large mass among grass near road west of Fort William, 1947, E. F. WARBURG, det. T. G. TUTIN.

618/1×6. *RUMEX HYDROLAPATHUM* Huds. × *OBTUSIFOLIUS* L. (×*R. WEBERI* Prah). 6, N. Som.; by a rhine on Walton Heath near Glastonbury, C. I. and N. Y. Sandwith, det. Dr K. H. Rechinger (1948, *Proc. Brist. Nat. Soc.*, 27, 204).

618/9×1. *RUMEX CONGLOMERATUS* Murr. × *HYDROLAPATHUM* L. 6, N. Somerset; by a rhine on Walton Heath near Glastonbury, Sept. 1942, C. I. & N. Y. SANDWITH, det. K. H. RECHINGER, 1947, who remarks, "A very rare hybrid."

618/12. *RUMEX PALUSTRIS* Sm. 56, Notts.; by bridge over the R. Poulter, eastern end of Clumber Park, F. ROSE.

§618/16(2). *RUMEX TENUIFOLIUS* (Wallr.) Löve. \*30, Beds.; Heath and Reach, J. G. DONY, confirmed by J. E. LOUSLEY.

§623/2. *DAPHNE MEZEREUM* L. †69, Westm.; in woodland, Hutton Roof Crags, R. A. BONIFACE, J. H. LAVENDER and F. ROSE; remove brackets in *C.F.* and see Wilson, *Flora*, 213.

+628/2. *EUPHORBIA DULCIS* L. 49, Caern.; hedgebanks between Bangor and Caernarvon, 1944, N. Woodhead and R. D. Tweed (1947, *N.W. Nat.*, 27, 117).

628/5. *EUPHORBIA PLATYPHYLLOS* L. 6, N. Som.; Batheaston, Bath, Miss J. D. Millar, 1946/7/8, comm. D. McCLINTOCK.

628/11. *EUPHORBIA CYPARISSIAS* L. 15, E. Kent; locally plentiful in natural chalk turf (with *Ophrys sphegodes*, *Galium pumilum*, etc.) on the cliffs east of Dover—it is a remarkable fact that on the chalk of southern England this species is often associated with *Galium pumilum*—this is true not only of two Kentish stations, but of those at Sulham, Berks, v.-c. 22, and Loudwater, Bucks., v.-c. 24, F. ROSE.

631/1. *BUXUS SEMPERVIRENS* L. 13, W. Suss.; in thicket on slope of Torberry Hill, Harting, apparently native, E. C. WALLACE.

633/1. *ULMUS GLABRA* Huds. 16, W. Kent; looks native, in association with ash, beech and oak, on the highly calcareous ragstone; at Rooks Hill, near Sevenoaks; and in a deep valley near Borough Green, F. ROSE.

633/6a. *ULMUS STRICTA* Lindl. var. *CORNUBIENSIS* (Weston) Moss. 3. S. Devon; Doddiscombsleigh, 1947, A. E. ELLIS, det. R. MELVILLE.

+639/1. *HELXINE SOLEIROLII* Req. 24, Bucks.; earthy bank of R. Thames in willow thicket near Harleyford Manor, Marlow, 1943, E. F. WARBURG.

641/1. *MYRICA GALE* L. 16, W. Kent; still in one good patch (male plants only), on Keston Common:—thus not extinct in Kent as suggested by *Fl. Kent*, 1899 (cf. *B.E.C. 1945 Rep.*, 45); known to others for many years previously, but not known when first seen here (not mentioned for Keston in *Fl. Kent*, 1899, nor in *Woolwich Surveys*, 1909), F. ROSE: recorded by W. Watson as seen in 1921, *Botanical Records of the London Area*, 88, 1935; I collected male catkins in 1925 and have known it there continuously since, J. E. LOUSLEY.

§+651/8. *POPULUS ALBA* L. \*45, Pemb.; cliffs, Goodrich, 1947, J. A. WEBB, comm. NAT. MUS. WALES.

§+656/1. *ELODEA CANADENSIS* Michx. \*102, S. Ebudes; Kiloran Farm Reservoir, Isle of Colonsay, J. CREED and R. A. BOYD, comm. CARLISLE MUSEUM.

§659/1. *HAMMARBYA PALUDOSA* (L.) O. Kuntze. \*45, Pemb.; Bryn Berian Bog, Mrs A. N. GIBBY, comm. NAT. MUS. WALES. 105, W. ROSS; bog near the sea, with *Carex limosa*, Red Point, beyond Diabaig, H. MILNE-REDHEAD.

668/1. *EPIPACTIS PALUSTRIS* (L.) Crantz. 69b, N. Lancs.; Roanhead, near Dalton-in-Furness, G. WILSON, comm. CARLISLE MUSEUM.

674/1. *GYMNADENIA CONOPSEA* (L.) R.Br. 55, Rutl.; Shacklewell Hollow, F. ROSE.

§680/1. *SISYRINCHIUM BERMUDIANA* L. sec. Farwell (*S. ANGUSTIFOLIUM* Mill.). †\*69, Westm.; Claife Heights near High Wray, 1947, J. W. G. LUND, comm. T. G. TUTIN.

+683/1. *CROCOSMIA CROCOSMIIFLORA* (Lemoine) N. E. Brown (*TRITONIA CROCOSMIIFLORA* Nich.). 69, Westm.; ditch near High Wray and at several places on the shore of Windermere and in adjoining woods, 1947, T. G. TUTIN.

§684/1. *NARCISSUS PSEUDO-NARCISSUS* L. \*44, Carm.; Henbont Lane, near Hendy, J. A. WEBB, comm. NAT. MUS. WALES.

§708/1. *LILIUM MARTAGON* L. †8, S. Wilts.; Stockton Wood, possibly wild, Mr Yeatman-Briggs (1948, *Wilts. Arch. N.H. Mag.*, 52, 230). \*15, E. Kent; abundant, and looking native, in a wood on the North Downs near Ospringe, Mrs VERSCHOYLE, confirmed by F. ROSE.

§709/1. *FRITILLARIA MELEAGRIS* L. \*36, Heref.; wet meadow subject to floods, Upper Lugg Meadow, Hereford, grows sparingly on about two acres of land, Miss M. C. HOPTON, comm. Miss F. H. B. MARSH.

§718/7. *JUNCUS FILIFORMIS* L. \*86, Stirling; shore of Loch Lomond near Balmaha, 1947, R. MACKECHNIE.

§718/14. *JUNCUS COMPRESSUS* Jacq. 105, W. Ross; delete the record in *Watsonia*, 1 (1), 55, see *Distributor's Report for 1947*.

719/7. *LUZULA ARCUATA* (Wahl.) Wahl. 105, W. Ross; sparingly on Ben Alligin at 3000 ft., Torridon Forest; more abundant and luxuriant on Slioch, alt. towards 3000 ft., R. MACKECHNIE.

§†724/1. *ACORUS CALAMUS* L. \*105, W. Ross; by small pond, Flowerdale, Gairloch, H. MILNE-REDHEAD and E. C. WALLACE.

§729/1. *ALISMA PLANTAGO-AQUATICA* L. \*105, W. Ross; by small pond, Flowerdale, Gairloch, H. MILNE-REDHEAD.

737/28. *POTAMOGETON PECTINATUS* L. 70, Cumb.; brackish pool on Newton Marsh, near Newton Arlosh, ELIZABETH WARD, det. J. E. DANDY and G. TAYLOR, comm. CARLISLE MUSEUM.

744/1. *CYPERUS LONGUS* L. †11, S. Hants.; cliffs at Highcliffe, Mrs G. FOGGITT, comm. J. E. LOUSLEY.

†744/4. *CYPERUS ERAGROSTIS* Lam. (*C. VEGETUS* Willd.). 17, Surrey; allotments, Shirley near Croydon, believed to have been introduced with onion seed, 1947, C. T. PRIME, det. and comm. J. E. LOUSLEY.

745/2. *ELEOCHARIS UNIGLUMIS* (Link) Schultes. 6, N. Som.; marshy meadows by the Land Yeo below Knightswood, Tickenham, C. I. & N. Y. Sandwith, confirmed by S. M. Walters (1948, *Proc. Brit. Nat. Soc.*, 27, 205). 32, Northants.; in a small peaty marsh fed by calcareous springs from the Oolite, Sutton Heath, R. A. BONIFACE and F. ROSE.

746/8. *SCIRPUS PAUCIFLORUS* Lightf. 17, Surrey; refound on West End Common, Bagshot, round bomb-crater pools, F. ROSE. 32, Northants.; calcareous marsh on Sutton Heath, R. A. BONIFACE and F. ROSE.

747/1. *ERIOPHORUM LATIFOLIUM* Hoppe. 106, E. Ross; bog by roadside beyond Aultguish, E. C. WALLACE.

§747/4. *ERIOPHORUM VAGINATUM* L. 8, S. Wilts.; Landford Common, 1938, Miss E. H. Stevenson (1948, *Wilts. Arch. N.H. Mag.*, 52, 230). 15, E. Kent; not given in *C.F.* for 15, but "15" is added in *B.E.C. 1945 Rep.*, 45 (1947), on the strength of the following records from *Fl. Kent* (1899): "In the marshes at Cliff's-end, Stonar, and near Sandwich, *Dr Hunter: Fl. Thanet*, 60"; the above



are impossible localities for this species of acid bogs and peat moors, as, until their embankment and drainage for pasture in late mediaeval times (see Hasted, 1797, *History of Kent*, Ed. 2, **10**, pp. 102, 158, 219), the "marshes" mentioned were either tidal saltings or below low-tide mark—there is no other record for the species from v.-c. 15, so the "15" should be removed from *C.F.*; the species undoubtedly occurred in v.-c. 16 (*vide* sp. in Hb. Tunbridge Wells), but is now believed extinct—F. ROSE. \*22, Berks.; in good quantity in a bog near Lower Star Post, Bagshot, P. R. BELL and E. C. WALLACE.

748/2. *RYNCHOSPORA ALBA* (L.) Vahl. 15, E. Kent; Hothfield Heath, July 28, 1948, C. N. POPE: sent as an N.C.R. but when reported to F. Rose he replied that the species had been planted there by him for experimental purposes; the record is sent to draw attention to the necessity for giving prompt publicity to all such transplant experiments, J. E. LOUSLEY.

749/1. *SCHOENUS NIGRICANS* L. 32, Northants.; Sutton Heath, F. ROSE.

753/6. *CAREX SAXATILIS* L. 105, W. Ross; wet mossy gullies, and on a wet stony plateau, Mealla Chrasgaidh, Fannich Forest, R. MACKECHNIE and E. C. WALLACE.

§753/24. *CAREX DEPAUPERATA* Curt. \*52, Angl.; Holyhead, 1936, A. G. & F. W. HOLDER, comm. NAT. MUS. WALES.

§753/21. *CAREX LEPIDOCARPA* Tausch. \*15, E. Kent; calcareous marsh at Brook; Wingham Fen; Worth Minnis, 1945-47, F. ROSE. 37, Worcs.; Park Wood, Nathon, F. M. DAY, det. E. NELMES.

753/23. *CAREX EXTENSA* Good. 70, Cumb.; cliff debris, Fleswick Bay, St Bees, 1948, M. HENDERSON and C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

753/41. *CAREX ATRATA* L. 96, Easternness; Gaick Forest; deep rocky gorge of Allt Bhrodainn, c. 1700-2000 ft., N. Y. SANDWITH.

753/59. *CAREX OTRUBAE* Podp. 102, S. Ebudes; among rocks by the shore, Kilchattan Bay, Isle of Colonsay, C. W. MUIRHEAD, comm. CARLISLE MUSEUM.

§753/65. *CAREX DIANDRA* Schrank. \*104, N. Ebudes; bog at Elgol, Skye, 1947, R. MACKECHNIE and W. A. SLEDGE.

753/75. *CAREX DIOICA* L. 32, Northants.; Sutton Heath, in calcareous marsh, R. A. BONIFACE and F. ROSE.

†756/3. *SETARIA GLAUCA* (L.) Beauv. 17, Surrey; cultivated field by West Horsley Place, N. Y. SANDWITH.

764/1. *LEERSIA ORYZOIDES* (L.) Sw. 13, W. Sussex; margin of lake, Shillinglee Park, panicles poor as plants not with roots in water, but at Amberley Weald Brooks the hot summer and abundance of root moisture caused a magnificent growth in the ditches, 1947, E. C. WALLACE.

780/2(2). *AGROSTIS GIGANTEA* Roth. 55, Leics.; waste ground, University College, Leicester; garden weed, Wigston Magna; arable field, Woodhouse Eves; all 1946, T. G. TUTIN.

780/2(2)a. *AGROSTIS GIGANTEA* Roth var. *RAMOSA* (Gray) Philipson. 33, E. Glos.; (2a) abundant in one place, Northway, C. W. BANNISTER, det. C. E. HUBBARD.

†780/13. *AGROSTIS AVENACEA* Gmel. 30, Beds.; a wool alien, railway siding, Flitwick, J. G. DONY, det. C. E. HUBBARD.

782/1. *POLYPOGON MONSPELIENSIS* (L.) Desf. 15, E. Kent; dried-up saltmarsh behind the beach, Leysdown-in-Sheppey—new to the Isle of Sheppey, R. A. BONIFACE and F. ROSE.

787/1. *AMMOPHILA ARENARIA* (L.) Link. 105, W. Ross; Gruinard Bay, barren; Big Sand, Gairloch, with inflorescence, R. MACKECHNIE and E. C. WALLACE.

†815/1. *ERAGROSTIS CILIANENSIS* (All.) Lutati. 30, Beds.; a wool alien, railway siding, Flitwick, N. Y. SANDWITH, B. VERDCOURT and J. G. DONY.

†826(2)/1. *NARDURUS MARITIMUS* (L.) Janchen. 57, Derby; well established and persistent for some years on railway track, Clifton goods yard, K. M. HOLICK, det. C. E. HUBBARD.

†827/1(2). *BROMUS GUSSONEI* Parl. 25, E. Suff.; Felixstowe Docks, J. E. LOUSLEY and D. McCLINTOCK, det. T. G. TUTIN.

§827/2. *BROMUS RIGIDUS* Roth. +\*25, E. Suff.; Felixstowe Docks, J. E. LOUSLEY and D. McCLINTOCK, det. T. G. TUTIN.

827/17c. *BROMUS COMMUTATUS* Schrad. var. *PUBENS* Wats. 45, Pemb.; St David's, C. L. WALTON, comm. NAT. MUS. WALES.

827/19(2). *BROMUS LEPIDUS* Holmberg. 55, Leics.; Burrough Hill, by old stack, 1945; Groby, roadside, 1948; and several other localities—in fact not uncommon, T. G. TUTIN.

844/2×5. × *EQUISETUM LITORALE* Kuhl. 17, Surrey; ditch near Thorpe, between Chertsey and Virginia Water, A. H. G. ALSTON and N. Y. SANDWITH.

844/9. *EQUISETUM VARIEGATUM* (Schleich.) Weber. 44, Carm.; hollow on Golf Course, Burry Port, J. E. LOUSLEY and D. McCLINTOCK.

854/4. *POLYSTICHUM LONCHITIS* (L.) Roth. 96, Easternness; rocks of Dirc Mhor, west of Dalwhinnie; and rocks of Coire Madagan Mor, Gaick Forest, east of Dalwhinnie, N. Y. SANDWICH.

856/1(2). *DRYOPTERIS BORRERI* Newm. 33, E. Glos.; (7a) Queen's Wood, Prestbury: Lineover Wood, C. C. TOWNSEND.

§856/11. *DRYOPTERIS ROBERTIANA* (Hoffm.) Christ. \*+19, N. Essex; in considerable quantity on a limestone wall, Steeple Bumpstead, D. PIGOTT.

858/1. *POLYPODIUM VULGARE* L. 9, Dorset; on sand-dunes at Sandbanks, Poole, J. E. LOUSLEY. 27, E. Norf.; on sand-dunes, Winterton, J. E. LOUSLEY and D. McCLINTOCK. See *B.E.C. 1946/7 Rep.*, 322 (1948) for a record of a similar habitat, J. E. LOUSLEY.

859/1. *CETERACH OFFICINARUM* DC. 30, Beds.; brickwork, Lea-grave; brickwork, Ampthill, J. G. DONY: brickwork, Chiltern Green, P. TAYLOR.

§863/2. *HYMENOPHYLLUM PELTATUM* Desv. ‡47, Montg.; moist rock ledges near waterfall, c. 800 ft., Pennant, Llanbrynmair, P. W. RICHARDS—see Hyde & Wade, *Welsh Ferns*, ed. 2, for earlier record.

864/1. *OSMUNDA REGALIS* L. 24, [Beds.]; New Wavendon Heath, 1947, Miss J. ALLISON, comm. P. TAYLOR.

870/1. *LYCOPODIUM ALPINUM* L. 57, Derby; near Parwich, K. M. HOLLICK.

870/5. *LYCOPODIUM CLAVATUM* L. 16, W. Kent; abundant in a disused, boggy, and overgrown sandpit near Ightham, J. FELTON, comm. F. ROSE.

876. *CHARA*. All gatherings determined by G. O. ALLEN.

§876/3b. *CHARA VULGARIS* L. var. *LONGIBRACTEATA* (Coss. & Germ.) Kuetz. \*61, S.E. York; Kirkburn, Kelleythorpe Marsh, near Driffield, R. LEWIS. \*H.33, Ferm.; shallow pool in quarry near Lisbellow, 1947, E. N. CARROTHERS and R. D. MEIKLE.

§876/3c. *CHARA VULGARIS* L. var. *PAPILLATA* Wallr. \*6, N. Som.; Nailsea Moor, near Clevedon, C. I. SANDWICH. \*27, E. Norf.; Hickling Broad, C. WEST. \*30, Beds.; Hinwick, 1947, J. G. DONY. \*49, Caern.; Gors Geirch, near Rhydyclafdy, Pwllheli, A. V. JONES. \*61, S.E. York; Withernsea, R. LEWIS.

876/4. *CHARA RUDIS* (A.Br.) Leonh. H.9, Clare; Lake Bunny, J. G. DONY.

§876/5. *CHARA HISPIDA* L. \*H.3, W. Cork; Trebawn Bay, O. V. POLUNIN.

§876/7b. *CHARA CONTRARIA* Kuetz. var. *HISPIDULA* A.Br. \*H.33, Ferm.; lakelet (one of the "green loughs") near Drumcose, 1947, R. D. MEIKLE.

§876/11. *CHARA ACULEOLATA* Kuetz. \*49, Caern.; Pwllheli, A. V. JONES. \*108, W. Suth.; Loch Borrallie, G. TAYLOR.

§876/12c. *CHARA ASPERA* Willd. var. *LACUSTRIS* H. & J. Gr. \*108, W. Suth.; Loch Borrallie, G. TAYLOR.

§876/16a. *CHARA GLOBULARIS* Thuill. var. *CAPILLACEA* (Thuill.) Zanev. \*H.9, Clare; Lake Inchiquin, 1947, J. G. DONY.

§876/17. *CHARA DELICATULA* Ag. \*102, S. Ebudes; roadside ditch, Milbuie, C. W. MUIRHEAD; brackish pools near Dun Gallain, Isle of Colonsay, J. CREED & R. A. BOYD; comm. CARLISLE MUSEUM.

§876/17b. *CHARA DELICATULA* Ag. var. *BARBATA* (Gant.) Gr. & B.-W. \*H.9, Clare; Ballyeigher Lough, J. G. DONY.

§876/17c. *CHARA DELICATULA* Ag. var. *ANNULATA* (Wallm.) Gr. & B.-W. 108, W. Suth.; Loch Borrallie, G. TAYLOR. \*H.33, Ferm.; Monawilkin Lough, 1947; Lough Navar, 1948; Lough Lattone, 1948; Lough Aguse, 1948; near Derrygonnelly, 1947, R. D. MEIKLE.