

## PLANT RECORDS

Compiled by E. C. WALLACE

Records are for the year 1957 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 the 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.\*

†1/2. *CLEMATIS FLAMMULA* L. 4, N. Devon; Braunton Burrows, several plants established and scrambling among *Ammophila* on top of dune overlooking the Crow Rock, extreme south point of Burrows, G. A. MATTHEWS.

†1/3. *CLEMATIS VITICELLA* L. 9, Dorset; wall at Abbotsbury, 1954: 23, Oxon.; persistent near Folly Bridge, Oxford, since 1947, H. J. M. BOWEN.

2/3. *THALICTRUM FLAVUM* L. 37, Wores.; bank of Avon below Wyre Church, R. H. ROBERTS.

4/1. *ADONIS ANNUA* L. 22, Berks.; the dominant weed in a chalky field near Blewbury, 1954, less plentiful 1955-56, H. J. M. BOWEN.

5/1. *MYOSURUS MINIMUS* L. S, Guernsey; Fort Doyle, 1957, H. J. M. BOWEN.

\*Grid-references will not be published, but the original cards containing them will be filed, and may be made available for reference.

§6/5. *RANUNCULUS BULBOSUS* L. \*98, Argyll; shore between Dunstaffnage Bay and Camus Brauich Ruaidhe, near Oban, P. MACPHERSON.

6/9. *RANUNCULUS ARVENSIS* L. †76, Renfrew; weed in oatfield near Leargetown, E. R. T. CONACHER.

§21/2. *PAPAVR RHOEAS* L. \*108, W. Sutherland; railway yard, Forsinard, M. McCALLUM WEBSTER.

§39/2. *CARDAMINE AMARA* L. \*101, Kintyre; by Crinan Canal near Bellonoch, M. H. CUNNINGHAM.

§43/2. *DRABA NORVEGICA* Gunn. \*106, E. Ross; on the higher part of Ben Dearg above Coire Ghranda, C. D. PIGOTT and E. C. WALLACE.

44/2. *EROPHILA SPATHULATA* Láng. 44, Carm.; in shallow turf over carboniferous limestone, Carreg Cennen, 1955, I. M. VAUGHAN, det. A. E. WADE.

45/3. *COCHLEARIA ALPINA* (Bab.) H. C. Wats. 48, Mer.; in quantity on rocks in Cwm Cau, Cader Idris, Mrs. A. G. Side (1957, *Nature in Wales*, 3, 479).

54/20. *ERUCASTRUM GALLICUM* (L.) O. E. Schultz. †22, Berks.; arable field, Harwell, H. J. M. BOWEN.

†54/22. *HIRSCHFELDIA INCANA* (L.) Lagrèze-Fossat. S, Guernsey; St. Sampsons, casual, 1952, H. J. M. BOWEN. \*28, W. Norfolk; abundant along ploughed "fire-breaks", Santon Street, C. P. PETCH, comm. E. L. SWANN.

85/3. *RESEDA LUTEOLA* L. 87, W. Perth; basalt crags above Blairlogie, A. A. SLACK.

§87/4. *HELIANTHEMUM CANUM* (L.) Baumg. \*45, Pemb.; near St. Gowan's Head, 1951, I. M. VAUGHAN, comm. A. E. WADE.

88/32. *VIOLA KITAIBELIANA* Schult. S, Guernsey; cliffs near Pleinmont: Herm; fixed dune at north end of Herm, 1955, H. J. M. BOWEN.

100/4×5. *CERASTIUM EDMONDSTONII* × *HOLOSTEOIDES*. 105, W. Ross; north-eastern crags of Ben Fearg, and northern crags of Eididh nan Clach Geala, C. D. PIGOTT and E. C. WALLACE.

§100/7. *CERASTIUM PUMILUM* Curt. ††36, Hereford; goods-yard, Hereford station, Medwin (1957, *Trans. Woolhope Nat. F.C.*, 35, 195).

101/7. *STELLARIA GRAMINEA* L. 112, Zetland; roadside ditch, south of Boddam, Dúnrossness, W. SCOTT.

§102/3. *ARENARIA NORVEGICA* Gunn. \*98, Argyll; on calcareous rock, Glen Creran area, A. A. SLACK.

102/8. *MINUARTIA TENUIFOLIA* (L.) Hiern. 22, Berks.; abundant along the railway, Churn, 1954, H. J. M. BOWEN.

†102/14. *ARENARIA BALEARICA* L. 88, Mid Perth; wall, Killin, 1954: 90, Forfar; wall, Airlie Castle, 1954, H. J. M. BOWEN.

105/5. *SPERGULARIA RUBRA* (L.) J. & C. Presl. 76, Renfrew; Kilmacolm, E. R. T. CONACHER.

112/12. *HYPERICUM MACULATUM* Crantz. 101, Kintyre; Lochgilphead, and near Achnamara, Loch Sween, A. G. KENNETH, comm. M. H. CUNNINGHAM.

127/7. *GERANIUM PYRENAICUM* Burm. f. 44, Carm.; one small colony, roadside hedge near Llangathen, 1956, Mrs. L. E. ENTHOVEN, comm. I. M. VAUGHAN.

128/2. *ERODIUM MOSCHATUM* (L.) L'Hérit. 45, Pemb.; the record for Skrinkle Head (*Proc. B.S.B.I.*, 1, 496) should read . . . 'west of the military establishment'—not 'west of the railway establishment'.

128/3c. *ERODIUM GLUTINOSUM* Dumort. 9, Dorset; Smallmouth Sands, 1953, H. J. M. BOWEN, det. A. MELDERIS.

§†132/3. *OXALIS EUROPAEA* Jord. \*98, Argyll; Dalmally, Mrs. B. H. S. RUSSELL, det. D. P. YOUNG (as var. *rufa* (Britton) D. P. Young).

†132/9. *OXALIS LATIFOLIA* Kunth. 9, Dorset; Little Bredy, abundant, H. J. M. BOWEN, det. D. P. YOUNG.

†132/10. *OXALIS INCARNATA* L. S, Herm; well naturalised by lanes, 1955, H. J. M. BOWEN.

§†133/2. *IMPATIENS CAPENSIS* Meerb. 22, Berks. and \*23, Oxon.; banks of river Thames between Iffley and Sandford, 1955, H. J. M. BOWEN.

§†133/4. *IMPATIENS GLANDULIFERA* Royle. \*112, Zetland; around old buildings and on waste ground, Scalloway, W. SCOTT.

147/3b. *GENISTA TINCTORIA* var. *HUMIFUSA* Dicks. 4, N. Devon; Hartland Quay, 1955, Miss B. M. HOLROYD.

- 149/3. *ULEX MINOR* ROTH. 13, W. Sussex; with *Calluna*, on floor of Kingley Vale, and on clay-with-flints on summit of Bowhill above, E. C. WALLACE.
- 152/1. *TRIGONELLA ORNITHOPODIOIDES* (L.) DC. 9, Dorset; clay cliffs below Holworth House, 1955, H. J. M. BOWEN.
- 155/11. *TRIFOLIUM STRIATUM* L. 87, W. Perth; basalt crags above Blairlogie, A. A. SLACK.
- 166/1. *ASTRAGALUS GLYCYPHYLLOS* L. 24, Bucks.; grassy path through beechwood, Hedsor Hill, F. AMBROSE.
- §176/34. *VICIA HIRSUTA* (L.) S. F. Gray. \*112, Zetland; field west of the village of Walls, 1954, W. SCOTT.
- 183/4. *PRUNUS CERASUS* L. 23, Oxon.; one large tree in a hedge near Hanwell, 1955, H. J. M. BOWEN.
- †183/10. *PRUNUS SEROTINA* Ehrh. 22, Berks.; many young trees in a larch plantation near Tubney, 1955, H. J. M. BOWEN, det. A. MELDERIS.
- 186/1. *DRYAS OCTOPETALA* L. 98, Argyll; on calcareous rocks, Glen Cereran area. See Lightfoot, *Flora Scotica*, 1777, for earlier record, none since, A. A. SLACK.
- †188/3. *DUCHESNEA INDICA* (Andr.) Focke. 1, W. Cornwall; two places near path in woods below the castle, Pendennis Point; near the railway, Falmouth, Mrs. R. HENNING, det. and comm. C. C. TOWNSEND.
- †189/13. *POTENTILLA RECTA* L. 23, (Berks.); old quarry near Caversham, 1952, H. J. M. BOWEN.
- 190/4. *ALCHEMILLA VESTITA* (Buser) Raunk. 12, N. Hants.; many plants in grassy ride, Cow Down Copse, W. E. WARREN, conf. M. E. BRADSHAW.
- §190/4(3). *ALCHEMILLA FILICAULIS* Buser. \*86, Stirling; Double-craig, Fintry, 1956, A. A. SLACK, conf. S. M. WALTERS.
- 190/10. *ALCHEMILLA GLOMERULANS* Buser. 96, Easternness; near summit of Sgurr na Nuice, Glen Strathfarrar, 1956, A. A. SLACK, conf. S. M. WALTERS.
- †193/5. *SANGUISORBA CANADENSIS* L. 101, Kintyre; meadowland by sea between Ardrishaig and Lochgilphead, A. G. KENNETH, comm. M. H. CUNNINGHAM.

†194/26. *ROSA RUGOSA* Thunb. 9, Dorset; Warwell, 1956: 22, Berks.; Aston Tirrold, H. J. M. BOWEN. 49, Caern.; established in a hedge at Langwnadl, Lleyn peninsula, 1954, C. E. FORD, comm. H. J. M. BOWEN.

†197/2. *COTONEASTER MICROPHYLLUS* Wall. ex Lindl. \*101, Kintyre; seashore rocks by Corsraig, Knapdale, A. G. KENNETH, comm. M. H. CUNNINGHAM.

†198/1. *AMELANCHIER CONFUSA* Hyl. 9, Dorset; two trees at Upton, near Poole, 1956: 11, S. Hants.; several trees by main road, St. Ives, 1953, H. J. M. BOWEN.

199/2. *SAXIFRAGA OPPOSITIFOLIA* L. 97, Westernness; flat, damp shingle beside Loch a' Bhealaich Bheithe, 2,350 ft.: an unusual habitat, J. N. MILLS.

§199/20. *SAXIFRAGA TRIDACTYLITES* L. \*101, Kintyre; bare rocks, seashore, Keills, Knapdale, M. H. CUNNINGHAM.

†200/1. *TELLIMA GRANDIFLORA* (Pursh) Dougl. ex Lindl. 4, N. Devon; one fine plant in competition with natural vegetation by the Heddon between Hunter's Inn and Heddon's Mouth, BRIT. BRYOL. SOC. MEETING, det. and comm. C. C. TOWNSEND.

†202/1. *TOLMIEA MENZIESII* (Pursh) Torr. & Gray. 2, E. Cornwall; growing abundantly by the river Camel, near Wadebridge, in the vicinity of an orchard; isolated plants have been found a mile or two downstream, Mrs. B. GRAHAM, det. J. P. M. BRENNAN and R. D. MEIKLE, comm. Miss R. J. MURPHY. 77; Lanark; east bank of the Calder Water, Calder Park, J. D. FORREST, det. at ROY. BOT. GARD., EDINBURGH. 101, Kintyre; Kilblaen, Southend, naturalized over a wide area in damp sandy ground, not in the vicinity of dwellings, M. H. CUNNINGHAM.

§†211/7. *SEDUM ALBUM* L. \*14, E. Sussex; a fairly large colony on the shingle beach east of Cooden Beach, near Bexhill, J. A. KIERNAN.

216/2. *MYRIOPHYLLUM ALTERNIFLORUM* DC. 27, E. Norfolk; southwest boundary dyke, Calthorpe Broad Nature Reserve, 1956, A. C. JERMY.

220/1. *CHAMAENERION ANGUSTIFOLIUM* (L.) Scop. 70, Cumberland; Scafell, on scattered rocks at 2,700 ft., J. N. MILLS.

§†220/17. *EPILOBIUM PEDUNCULARE* CURR. †51, Flint; Caerwys tufa beds, J. P. SAVIDGE (1956, *Proc. Liverpool Nat. F.C.*, 1956, 19). \*H.4, Mid Cork; Caha Mountains, 1955, M. L. PINSENT, comm. H. J. M. BOWEN.

†223/3. *OENOTHERA STRICTA* Ledeb. ex Link. 9, Dorset, Holme-bridge, Wareham, 1955; recorded from Wareham in 1804, H. J. M. BOWEN.

250/4. *PETROSELINUM SEGETUM* (L.) Koch. 22, Berks.; arable fields near Chilton, 1953-55, H. J. M. BOWEN.

‡252/1. *FALCARIA VULGARIS* Bernh. \*24, Bucks.; grassy bank near Hughenden, R. A. BONIFACE.

257/1. *MYRRHIS ODORATA* (L.) Scop. [†21, Middx.; deliberately sown on the bank of the canal, Harefield, J. W. DONOVAN, comm. D. H. KENT.] †22, Berks.; farm gate, South End, 1953, H. J. M. BOWEN.

283/4. *TORILIS ARVENSIS* (Huds.) Link. 22, Berks.; arable fields near Chilton, 1953-55, H. J. M. BOWEN.

†292/1. *LEUCESTERIA FORMOSA* Wall. 12, N. Hants.; spontaneously in cleared woodland, Fleet, 1956, F. G. KIBBLE, det. and comm. D. H. KENT.

296/5. *GALIUM STERNERI* subsp. *STERNERI*. 86, Stirling; grassy slopes below basalt crags near Fintry, 1954: this may be the same as Kidston's 1891 locality, A. M. STIRLING and A. A. SLACK. 98, Argyll; in a gully above Glen Dubh, Benderloch, and in a rocky wood on Meall Mor, Glencoe, A. A. SLACK. All det. K. M. GOODWAY.

296/12b. *GALIUM SPURIUM* var. *ECHINOSPERMUM* (Wallr.) Hayek (*G. VAILLANTII* DC.). 38, Warwick; rubbish-tip near Memorial Theatre, Stratford-on-Avon, 1955, H. J. M. BOWEN, det. A. MELDERIS.

300/1. *SHERARDIA ARVENSIS* L. 87, W. Perth; slopes below basalt crags, not cultivated, Blairlogie, A. A. SLACK. 112, Zetland; by roadside near Ringasta, Dunrossness, very scarce, W. SCOTT.

304/3b. *VALERIANELLA DENTATA* var. *ERIOSPERMA* (Wallr.) Airy Shaw (*V. MIXTA* L.). 29, Cambs.; cornfield adjoining Over Wood, near Househeath, 1956, C. C. TOWNSEND.

304/4. *VALERIANELLA CARINATA* Lois. 23, Oxon.; railway bank near Yarnton, 1953, H. J. M. BOWEN.

†318/1. *ASTER SALIGNUS* Willd. 109, Caithness; well established in marshy fields near Brough, 1954, H. J. M. BOWEN, det. A. MELDERIS.

†320/10b. *ERIGERON MUCRONATUS* DC. 9, Dorset; walls, Langton Matravers, 1952: 23, Oxon.; wall, Park Town, Oxford, for over fifty years, H. J. M. BOWEN.

328/4. *GNAPHALIUM NORVEGICUM* Gunn. 106, E. Ross; sparingly in Coire Li, Fannich, confirming Druce's record of 1903 (*Fl. West Ross*, 39 (1929)): Ben Dearg, C. D. PIGOTT and E. C. WALLACE.

†341/1. *XANTHIUM SPINOSUM* L. 19, N. Essex; rubbish-tip, Maldon, 1954, H. J. M. BOWEN.

353/1b. *BIDENS CERNUA* var. *RADIATA* DC. 76, Renfrew; Glen Moss, Kilmacolm, E. R. T. CONACHER.

†366/1. *SANTOLINA CHAMAECYPARISSUS* L. 23, Oxon.; rubbish-tip, Port Meadow, Oxford, 1954, H. J. M. BOWEN.

379/1. *TUSSILAGO FARFARA* L. 97, Westernness; riverside shingle at 1,800 ft. near Ben Alder, J. N. MILLS.

‡383/1. *SENECIO FLUVIATILIS* Wallr. \*101, Kintyre; a colony by roadside, north of Ardrishaig, A. G. KENNETH, comm. M. H. CUNNINGHAM.

†385/2. *CALENDULA ARVENSIS* L. S, Guernsey; abundant in an arable field, L'Ancrese, 1955, H. J. M. BOWEN.

‡415/1. *PICRIS ECHIOIDES* L. \*100, Clyde Isles; Keppel, Isle of Cumbrae, E. R. T. CONACHER.

†419/254. *HIERACIUM FLAGELLARE* Willd. 12, N. Hants.; roadside verge, Pondtail Bridge, Fleet, V. M. LEATHER, det. D. P. YOUNG.

425/1. *LACTUCA VIROSA* L. 87, W. Perth; basalt crags above Blairlogie, A. A. SLACK.

425/4. *MYCELIS MURALIS* (L.) Reichb. 96, Easternness; conglomerate rock by roadside, Crask of Aigas, A. A. SLACK. See also *Top. Bot. Supp.*, 1.

†425/8. *CICERBITA MACROPHYLLA* (Willd.) Wallr. 3, S. Devon; roadside near Rewe, 1953, H. J. M. BOWEN. 22, Berks.; Cookham gravel pit, F. AMBROSE. 109, Caithness; cliff at John o' Groats, 1954, H. J. M. BOWEN.

†428/1. *TRAGOPOGON PORRIFOLIUS* L. 1, W. Cornwall; abundant at Kuggar, 1953; not seen, 1955, H. J. M. BOWEN.

‡435/1. *CAMPANULA GLOMERATA* L. †36, Hereford; Brockhampton Woods, Marklove (1957, *Trans. Woolhope Nats. F.C.*, 35, 196).

440/1. *ARBUTUS UNEDO* L. †49, Caern.; well established on the Great Orme's Head, Llandudno, presumably from seed carried from the public gardens below, M. MORRIS, conf. H. A. HYDE.

- †443/1. GAULTHERIA SHALLON Pursh. 24, Bucks.; Langley Park, R. A. BONIFACE; roadside near Dropmore, 1955, H. J. M. BOWEN.
- †452/2. RHODODENDRON LUTEUM Sweet. 46, Cardigan; Devils Bridge, 1956, H. J. M. BOWEN.
- †463/8. LYSIMACHIA CILIATA L. 86, Stirling; abundant near Milton, 1954: 99, Dunbarton; abundant near Balloch, 1954, H. J. M. BOWEN.
- 478/2. CENTAURIUM LITTORALE (D. Turner) Gilmour. 107, E. Sutherland; brackish marsh near The Mound, Golspie, 1954, H. J. M. BOWEN.
- †493/2. LAPPULA MYOSOTIS Moench. 22, Berks.; Wantage Mill, 1956, H. J. M. BOWEN.
- §497/2. SYMPHYTUM TUBEROSUM L. †‡36, Hereford; hedgebank, How Caple, Marsh (1957, *Trans. Woolhope Nat. F.C.*, **35**, 196).
- §545/15. EUPHRASIA MICRANTHA Reichb. \*77, Lanark; Crawford-john, F. H. PERRING, det. P. F. YEO.
- §545/19. EUPHRASIA ROSTKOVIANA Hayne. \*37, Worcs.; sandy heath, Hartlebury Common, 1954, H. J. M. BOWEN, det. E. F. WARBURG.
- §548/5(2). RHINANTHUS CALCAREUS Willmott. 9, Dorset; chalk bank near Woodyates, 1953, H. J. M. BOWEN. \*17, Surrey; Box Hill, F. ROSE.
- 552/5. UTRICULARIA MINOR L. 49, Caern.; peaty pools near Nant-bwlch-yr-Lleyrn, 1953, R. H. ROBERTS. 76, Renfrew; peaty pool, Barmufflock, Bridge of Weir, 1953, E. R. T. CONACHER.
- †554/1. ACANTHUS MOLLIS L. 1, W. Cornwall; established by roadside near Kuggar, 1953, H. J. M. BOWEN.
- 558/10. MENTHA × GENTILIS L. 6, N. Som.; The Abbot's Way, Edington, F. M. DAY, det. R. A. GRAHAM.
- §558/14. MENTHA PULEGIUM L. †‡36, Hereford; Eaton Bishop; Honeymoon Common (1957, *Trans. Woolhope Nat. F.C.*, **35**, 196).
- 559/1. LYCOPUS EUROPAEUS L. 105, W. Ross; ditch near the mouth of the Gruinard river, A. A. SLACK.
- §563/1. CLINOPODIUM VULGARE L. \*106, E. Ross; near the Alness river, 1954, Mrs. B. H. S. RUSSELL.
- †566/17. SALVIA VERTICILLATA L. 22, Berks.; wood border near Letcombe Bassett, 1955, H. J. M. BOWEN.



†579/1. *LEONURUS CARDIACA* L. S, Sark; Aval du Creux, 1952, confirming an old record in Marquand's *Flora of Guernsey and the Lesser Channel Islands* (1901), H. J. M. BOWEN.

581/4. *LAMIUM HYBRIDUM* Vill. 76, Renfrew; Bridge of Weir, G. M. T. CONACHER.

§587/4. *AJUGA CHAMAEPITYS* (L.) Schreb. \*26, W. Suffolk; corner of arable field, West Stow, A. L. BULL, det. and comm. S. M. WALTERS.

595/2. *SCLERANTHUS ANNUUS* L. 87, W. Perth; slopes, not cultivated, below basalt crags, Blairlogie, A. A. SLACK.

§604/4. *BETA VULGARIS* subsp. *MARITIMA* (L.) Thell. \*100, Clyde Isles; shore, Little Cumbrae, 1953, E. R. T. CONACHER.

615/4. *POLYGONUM VIVIPARUM* L. 112, Zetland; side of small stream, east side of Sands of Meil, West Burra, W. SCOTT.

†628/9. *EUPHORBIA VIRGATA* Waldst. & Kit. 14, E. Sussex; by railway track, near Udiam halt, Mrs. B. E. M. GARRATT. 22, Berks.; field border near Blewbury, 1954; old sandpit near Tubney, 1955, H. J. M. BOWEN.

632/2. *MERCURIALIS ANNUA* L. 36, Hereford; garden weed, Colwall, F. M. DAY.

650. *SALIX* all det. R. D. MEIKLE.

650/8×6. *SALIX CAPREA* × *VIMINALIS*. 107, E. Sutherland; by railway crossing,  $\frac{1}{4}$  mile south of Helmsdale, 1956, M. McCALLUM WEBSTER.

650/10×8. *SALIX ATROCINEREA* × *CAPREA*. 22, Berks.; foot of Cookham Downs: 24, Bucks.; Littleworth Common; hedge by road between Littleworth and Dropmore, F. AMBROSE.

650/10×12. *SALIX ATROCINEREA* × *NIGRICANS*. 95, Elgin; banks of river Findhorn between main road bridge and railway bridge, Forres, 1956, M. McCALLUM WEBSTER.

650/10×6. *SALIX ATROCINEREA* × *VIMINALIS*. 24, Bucks.; gravel pits, Marlow, F. AMBROSE. 95, Elgin, pond south of Sanguhar House, Forres; by river Findhorn west bank, c. 200 yards from main road bridge, Forres; river Lossie, Elgin, 1956, M. McCALLUM WEBSTER.

650/12. *SALIX NIGRICANS* Sm. 95, Elgin; banks of river Findhorn north of road bridge, Forres; shingle of river Findhorn one mile north of Greshop Wood, M. McCALLUM WEBSTER.

650/12×13. *SALIX NIGRICANS* × *PHYLLICIFOLIA*. 95, Elgin; banks of river Findhorn north of road bridge, Forres, M. McCALLUM WEBSTER.

666/1. *EPIPOGIUM APHYLLUM* Sw. 23, Oxon.; in the Great Bottom Wood area of beechwoods, west of Satwell, near Rotherfield Greys, (1931, 1933) 1953, 1954, 1956, V. PAUL (and others). 24, Bucks.; in the Davenport Wood-Rassler Wood series of beechwoods, near Marlow, 1953-1956, R. A. GRAHAM. Independently found by T. G. COLLETT in 1954. These are the only localities whence this orchid has been reported since the war, and their publication is accompanied with an earnest request that any examples found in either place should be reported to Mrs. Paul or to R. A. Graham respectively, and that no specimen nor part of a specimen should be removed as it may already be under observation for biological factors. It is not much use searching before mid-July or after the end of August.—V. PAUL and R. A. GRAHAM.

669/7. *DACTYLORCHIS INCARNATA* (L.) Vermeul. 36, Hereford; Brampton Bryan Park, F. M. DAY, det. V. S. SUMMERHAYES.

669/9. *DACTYLORCHIS PURPURELLA* (T. & T. A. Steph.) Vermeul. 49, Caern.; frequent in marshy meadows about the Mancho valley, near Bettws-y-coed, 1953, R. H. ROBERTS.

669/9(3). *DACTYLORCHIS TRAUNSTEINERI* (Sauter) Vermeul. 52, Anglesey; Cors Erddreiniog, a large colony in the fen with *Dactylorchis incarnata*, *D. purpurella*, *D. maculata* subsp. *ericetorum*, *Platanthera bifolia* and *Gymnadenia conopsea*, R. H. ROBERTS.

672/5. *OPHRYIS INSECTIFERA* L. 52, Anglesey; among *Schoenus tussocks*, Cors Erddreiniog, R. H. ROBERTS.

674(1)/1×669/11. ×*ORCHIGYMNADENIA HEINZELIANA* (Reichardt) Camus. 33, E. Glos.; Noverton Lane, Prestbury, near Cheltenham, 1956, G. C. HOLLAND, det. V. S. SUMMERHAYES.

§674(4)/1. *NEOTINEA INTACTA* (Link) Reichb. f. †H.25, Roscommon; near Ballinasloe, D. A. Webb (1957, *Irish Nat. J.*, 12, 199).

676/2. *IRIS FOETIDISSIMA* L. 37, Worcs.; wood near Abbey Manor, Evesham, with much *Daphne laureola*, R. H. ROBERTS.

†676/4. *IRIS XIPHIUM* L. S, Guernsey; dunes near Rousse Martello Tower, 1955, H. J. M. BOWEN, det. E. F. WARBURG.

686/2. *LEUCOJUM AESTIVUM* L. ††34, W. Glos.; several clumps thoroughly established in a wood near Dyrham, 1954, Dr. D. Munro Smith (1956, *Proc. Bristol Nat. Soc.*, 29, 105).

§702/4. *ALLIUM VINEALE* L. \*76, Renfrew; under trees by the river Gryffe, Bridge of Weir, E. R. T. CONACHER.

†702/15. *ALLIUM MOLY* L. 5, S. Som.; running wild in the disused Rectory Paddock and spreading into adjacent meadows, Rainsbury, Upton Parish, Mrs. G. M. TETLEY, det. and comm. C. C. TOWNSEND.

†702/19. *ALLIUM PARADOXUM* (Bieb.) G. Don. 20, Herts.; roadside, Rickmansworth to Moor Park, F. M. DAY, det. J. G. DONY.

†703/2. *MUSCARI COMOSUM* (L.) Mill. S, Guernsey; Hommet and Mont Cuet, in bulb fields, H. J. M. BOWEN.

707/2. *ORNITHOGALUM UMBELLATUM* L. 37, Worcs.; a few plants in grass by roadside near Fladbury, R. H. ROBERTS.

§710/1. *TULIPA SYLVESTRIS* L. ‡36, Hereford; Checkley, 1937, Day (1957, *Trans. Woolhope Nats. F.C.*, 35, 197).

718/14 *JUNCUS COMPRESSUS* Jacq. 24, Bucks.; Dorney Common, R. A. BONIFACE. 52, Anglesey; marshy meadow near Lleiniog, Beaumaris; near Aberffraw, R. H. ROBERTS (1957, *Nature in Wales*, 3, 480).

§†719/9. *LUZULA LUZULOIDES* (Lam.) Dandy & Wilmott. \*86, Stirling; woodland of the Dougalston Estate, near Milngavie, R. MACKECHNIE.

§722/4. *SPARGANIUM ANGUSTIFOLIUM* Michx. ††11, S. Hants.; small barrow-pit near Hatchet Pond, Beaulieu, F. W. J. Venning (1952, *Papers & Proc. Hants. F.C.*, 17, (3)), conf. C. D. COOK, 1957. 49, Caern.; Llyn Elsi, near Bettws-y-coed, 1954, R. H. ROBERTS.

§744/2. *CYPERUS FUSCUS* L. †S, Jersey; St. Peter's Marsh, 1842, W. W. NEWBOULD (*Hb. Cantab.*). Originally recorded from Jersey in Babington's *Flora Sarnicae* (1839), on the authority of Professor La Gasca. The record appears to have been overlooked subsequently, F. H. PERRING. Add to *C.F.* in brackets.—Ed. 21, Middx.; verge of pond, Staines area, T. W. J. D. DUPREE, conf. and comm. D. H. KENT. Delete 'extinct' from *C.F.*

§745/2. *ELEOCHARIS UNIGLUMIS* (Link) Schult. †34, W. Glos.; marsh below Yate Rocks, G. W. Garlick (1957, *Proc. Bristol Nats. Soc.*, 29, 185). 44, Carm.; in freshwater flush between sand dunes and salt-marsh, Pembrey, 1955, I. M. VAUGHAN, det. A. E. WADE.

747/2. *ERIOPHORUM ANGUSTIFOLIUM* Honck. 55, Leics.; wet field between railway and road near Great Bowden. Two very flourishing patches surrounded by *Juncus effusus*. Not previously recorded from District XI (Market Harborough); a rare and diminishing plant in this well-drained agricultural county, T. G. TUTIN.

753/8. *CAREX LASIOCARPA* Ehrh. 52, Anglesey; amongst *Cladium mariscus* in Cors Llanddyfnan, R. H. ROBERTS (1957, *Nature in Wales*, 3, 480).

753/21B. *CAREX LEPIDOCARPA* subsp. *SCOTICA* E. W. Davies. 112, Zetland; ditch running into west side of Tingwall Loch, 1956, W. SCOTT and R. C. PALMER, conf. at KEW.

§753/37. *CAREX PAUPERCUA* Michx. \*76, Renfrew; in small quantity on moorland west of Eaglesham, R. MACKECHNIE.

§753/61. *CAREX PATRAEI* F. W. Schultz. 29, Cambs.; dry railway bank near Chatteris Docks, 1888, C. R. BILLUPS (*Hb. Univ. Leics.*): \*48, Mer.; roadside near Craig yr Aderyn, Brynecrug, 1956, E. K. HORWOOD (*Hb. Univ. Leics.*): \*58, Cheshire; dry roadside bank, Preston Brook, 1896, C. R. BILLUPS (*Hb. Univ. Leics.*), all det. and comm. T. G. TUTIN. \*74, Wigtown; amongst bracken in dunes, Killiness, Drummore, Mull of Galloway, A. A. SLACK and E. R. T. CONACHER.

§753/61(2). *CAREX POLYPHYLLA* Kar. & Kir. \*14, E. Sussex; bank, Horseshoe Farm, Ashurst Wood, 1902, C. R. BILLUPS (*Hb. Univ. Leics.*): \*27, E. Norfolk; hedgebank near Ingham, 1955, T. G. TUTIN (*Hb. Univ. Leics.*): \*53, S. Lincs.; site of Markery Wood, near Castle Bytham, 1957, E. K. HORWOOD (*Hb. Univ. Leics.*), all det. and comm. T. G. TUTIN.

753/63. *CAREX PANICULATA* L. 101, Kintyre; by Crinan Canal near Bellanoch, M. H. CUNNINGHAM.

770/5×1. *ALOPECURUS* × *HYBRIDUS* Wimm. 23, Oxon.; wet ground used as a rubbish-tip, Port Meadow, Oxford, 1955, H. J. M. BOWEN.

§791/3. *DESCHAMPSIA SETACEA* (Huds.) Hack. \*28, W. Norfolk; peat bog, East Winch Common, not recorded from Norfolk since the end of the 18th century, C. P. PETCH and E. L. SWANN.

§804/1. *SESLERIA CAERULEA* (L.) Ard. †H.14, Leix; margin of gravel pit near Clonaslee, D. A. Webb (1957, *Irish Nat. J.*, 12, 199).

822/1. *BRIZA MEDIA* L. 108, W. Sutherland; meadows near Durness, 1955, A. A. SLACK.

824/3. *POA SUBCAERULEA* Sm. 44, Carm.; on sea edge of shifting dunes, Pembrey, 1955, I. M. VAUGHAN.

§824/13b. *POA BULBOSA* var. *VIVIFARA* Koel. ††17, Surrey; margin of pond, Frensham Great Pond, J. HODGSON, det. J. KENNEDY O'BYRNE, comm. V. M. LEATHER.

825/3b. *GLYCERIA DECLINATA* Bréb. 36, Hereford; Cusop Hill, F. M. DAY, det. C. E. HUBBARD. 50, Denbigh; with *G. fluitans* in a ditch by the roadside near the car park below the Pistyl Raiadr, P. M. Benoit (1957, *Nature in Wales*, 3, 480). \*52, Anglesey; near Pentraeth, R. H. ROBERTS, conf. A. E. WADE.

826/3 × 829/1. × *FESTULOLIUM HOLMBERGII* (Dörf.) P. Fourn. 17, Surrey; grassy track on waste ground at Ham Pits, several well-marked tufts, 1947, N. Y. SANDWICH, conf. C. E. HUBBARD.

826/15. *VULPIA MEMBRANACEA* (L.) Dumort. 44, Carm.; on sea edge of shifting dunes, Pembrey, I. M. VAUGHAN, det. A. E. WADE.

†827/1(2). *BROMUS DIANDRUS* Roth. 95, Elgin; station yards at Blacksboat, Knockando, Rothes and Mosstowie, 1956, M. McCALLUM WEBSTER, conf. A. MELDERIS. 106, E. Ross; Dalmore Distillery, Alness, Mrs. B. H. S. RUSSELL and Mrs. DYSON PERRINS.

827/9. *BROMUS INERMIS* Leyss. 95, Elgin; bank of river Findhorn, Greshop Wood, 1956, M. McCALLUM WEBSTER, det. A. MELDERIS.

827/19(3). *BROMUS THOMINII* Hardouin. 36, Hereford; Goodrich, F. M. DAY, det. C. E. HUBBARD.

833/2. *PARAPHOLIS INCURVA* (L.) C. E. Hubbard. S, Alderney; Braye, H. J. M. BOWEN, det. A. MELDERIS.

§835/1. *HORDEUM SECALINUM* Schreb. \*†106, E. Ross; Dalmore Distillery, Alness, Mrs. DYSON PERRINS and Mrs. B. H. S. RUSSELL.

§835/3. *HORDEUM MARINUM* Huds. \*†106, E. Ross; Dalmore Distillery, Alness, Mrs. DYSON PERRINS and Mrs. B. H. S. RUSSELL.

836/1. *ELYMUS ARENARIUS* L. 44, Carm.; on mobile dunes, Pembrey, 1955, I. M. VAUGHAN.

845/1. *CRYPTOGRAMMA CRISPA* (L.) R. Br. ex Hook. 47, Montg.; abundant by the road from Bala to Llangynog, P. M. Benoit (1957, *Nature in Wales*, 3, 479).

856/1(2). *DRYOPTERIS BORRERI* Newm. 105, W. Ross and 108, W. Sutherland; calcareous scree below cliffs, Cnochan, 1954, J. N. MILLS.

†868/1. *AZOLLA FILICULOIDES* Lam. 15, E. Kent; brackish ditch, Minster, Sheppey, M. KENT, det. and comm. D. H. KENT.

869/2. *ISOETES ECHINOSPORA* Durieu. 9, Dorset; old claypit, Furzebrook, H. J. M. BOWEN.

CHAROPHYTA all det. by G. O. ALLEN.

873/1. *TOLYPELLA INTRICATA* Leonh. 23, Oxon.; pond near Tadpole Bridge, 1955, H. J. M. BOWEN.

876/7b. *CHARA CONTRARIA* var. *HISPIDULA* A. Braun. S, Guernsey; sandy pools north of Grandes Rocques, H. J. M. BOWEN.

## ABSTRACTS FROM LITERATURE

Compiled by DOUGLAS H. KENT

Thanks are due to D. E. Allen, E. B. Bangerter and A. E. Wade for their assistance.

## SYSTEMATIC, ETC.

3. PULSATILLA. Aichele, D. & Schwegler, H.-W., 1957, Die Taxonomie der Gattung Pulsatilla, *Fedde Rep.*, **60**, 1-230. An extensive taxonomic revision of the genus *Pulsatilla*.—[D.H.K.]

6/33. RANUNCULUS FICARIA L. \*Allen, D. E. & Bing, M. B., 1957, Two races of the lesser celandine in the Isle of Man, *Peregrine*, **2**, 14-15. In addition to the widespread *Ranunculus ficaria* var. *fertilis* the bulbil-forming var. *ficaria* has now been detected in several localities in the north of the Isle of Man. It occurs for the most part in drier situations than var. *fertilis* and, unlike the latter, only on the level or on a gentle slope instead of on steep banks and hillsides. Some of the localities are in full sun, others in shade. Two useful features, not apparently mentioned in the literature, were noticed for distinguishing the two even from a distance: var. *ficaria* tends to grow in dense patches, causing the plants to have a weaker, drawn-out appearance, whereas var. *fertilis* is usually more thinly dispersed and the individual plants are consequently more robust; also, the leaves of var. *ficaria* are a clear light green, while those of var. *fertilis* are darker and more blotched, often with an almost variegated appearance. It is possible, however, that these differences are only clonal and cannot always be relied upon for separating the varieties. Attention is drawn to the geographical implications of the presence in the island of a plant reproducing solely by vegetative means.—[D.E.A.]

7. CALTHA. Maugini, E., 1957, Ricerche cito-sistematiche sul genere *Caltha* in Italia, *Caryologia*, **9**, 408-435.

7/1. CALTHA PALUSTRIS L. Reese, G., 1954, Euploidie, Aneuploidie und B-Chromosomen bei *Caltha palustris* L., *Planta*, **44**, 203-268.

19. NUPHAR. Beal, E. O., 1956, Taxonomic revision of the genus *Nuphar* Sm. of North America and Europe, *J. Elisha Mitchell Scient. Soc.*, **72**, 319-346. Keys to the species and subspecies of *Nuphar* are given, together with details of geographical distribution. *N. pumila* is reduced to *N. lutea* subsp. *pumila* (Timm) Beal, comb. nov.—[D.H.K.]

20. NYMPHAEA. Neuhausl, R. & Tomsovic, P., 1957, Rod Nymphaea (L.) Smith v Československu, *Prestia*, **29**, 225-249.

21. PAPAVER. Heslop-Harrison, J. W., 1957, The viability of poppy seeds, *Vasc. (Subst.)*, **42**, 22-23.

\*See also p. 45.—ED.