

NEW COMBINATIONS IN THE BRITISH FLORA

The following new combinations were established in Clapham, A. R., Tutin, T. G., and Warburg, E. F., 1952, *Flora of the British Isles*. Details are given here in order to make their synonymy clear.

OPHIOGLOSSUM VULGATUM L. subsp. **polyphyllum** (A.Br.) E. F. Warburg, 1952, *F.B.I.*, 54.

Ophioglossum polyphyllum A.Br. in Seub., 1844, *Flora Azorica*, 17.

Ophioglossum vulgatum var. *polyphyllum* (A.Br.) Milde, 1867, *Fil. Eur.*, 188.

PINUS SYLVESTRIS L. subsp. **scotica** (P. K. Schott) E. F. Warburg, 1952, *F.B.I.*, 61.

Pinus sylvestris L. "rasse" *scotica* P. K. Schott, 1907, *Forstwissenschaft. Centralbl.*, 29, 278.

VIOLA HIRTA L. subsp. **calcareea** (Bab.) E. F. Warburg, 1952, *F.B.I.*, 243.

Viola hirta var. *calcareea* Bab., 1847, *Manual Br. Bot.*, ed. 2, 35.

Viola calcarea (Bab.) Gregory, 1904, *J. Bot.*, 42, 68.

SAROTHAMNUS SCOPARIUS subsp. **MARITIMUS** (Rouy) Ulbrich.

Sarothamnus scoparius var. *prostratus* C. Bailey, 1868, *Memoirs Literary & Philosophical Soc. of Manchester*, Ser. 3, 3, 285.

Genista scoparia var. *maritima* Rouy, 1897, *Fl. France*, 4, 204.

Sarothamnus scoparius subsp. *maritimus* (Rouy) Ulbrich, 1921, *Mitt. Deutsch. Dendrol. Gesellsch.*, 135.

Sarothamnus scoparius subsp. *prostratus* (C. Bailey) Tutin in Clapham, Tutin & Warburg, 1952, *Fl. Brit. Isles*, 416.

In the *Flora* I made the combination subsp. *prostratus*, being unaware of Ulbrich's previous treatment of the plant as a subspecies.—T. G. Tutin.

SEDUM FORSTERIANUM Sm., 1807, *Engl. Bot.*, 26, t. 1802, subsp. **elegans** (Lej.) E. F. Warburg, 1952, *F.B.I.*, 566.

Sedum elegans Lej., 1811, *Fl. Spa*, 1, 205.

Sedum rupestre L. subsp. *elegans* (Lej.) Syme, 1865, *Engl. Bot.*, ed. 3, 4, 58.

If *S. rupestre* L. is rejected as a *nomen ambiguum*, following Hylander, 1945, *Nomenklatorische und systematische Studien über Nordische Gefäßpflanzen*, *Uppsala Universitets Arsskrift*, 1945, 7, 192, 328, and *S. Forsterianum* Sm. and *S. elegans* Lej. regarded as conspecific, the former is the earlier name for the species.

BETULA PUBESCENS Ehrh. subsp. **odorata** (Bechst.) E. F. Warburg, 1952, *F.B.I.*, 729.

Betula odorata Bechst., 1815, *Diana*, 1, 74.

Betula alba subsp. *odorata* (Bechst.) Dipp., 1892, *Handb. der Laubholzkunde*, 2, 172.

PYROLA ROTUNDIFOLIA L. subsp. **maritima** (Kenyon) E. F. Warburg, 1952, *F.B.I.*, 789.

Pyrola maritima Kenyon, 1846, *Phytologist*, **2**, 747.

Pyrola rotundifolia var. *bracteata* Hook. & Arn., 1850, *Brit. Fl.*, ed. 6, 260.

Pyrola rotundifolia var. *maritima* (Kenyon) Watson & Syme, 1857, *London Cat.*, ed. 5, 7.

Gentianella germanica (Willd.) E. F. Warburg, 1952, *F.B.I.*, 824.

Gentiana germanica Willd., 1798, *Sp. Plant.*, ed. 4, 1, 1346.

Gentianella anglica (Pugs.) E. F. Warburg, 1952, *F.B.I.*, 826.

Gentiana Amarella L. var. *praecox* Towns., 1883, *Fl. Hampshire*, 216.

Gentiana lingulata C.A.Ag. var. *praecox* (Towns.) Wettst., 1896, *Denkschr. Math.-Naturwiss. Akad. Wissensch.*, Wien, **64**, 51.

(This combination is usually attributed to Murbeck, but he placed *G. lingulata* as a subsp. of *G. Amarella*.)

Gentiana anglica Pugs., 1936, *J. Bot.*, **74**, 167.

Gentianella septentrionalis (Druce) E. F. Warburg, 1952, *F.B.I.*, 825.

Gentiana Amarella L. f. *multicaulis* Lange ex Beeby, 1887, *Scottish Naturalist*, **1887**, 27.

Gentiana Amarella var. *calycina* Druce, 1914, *Rep. Bot. Soc. & E.C.*, **3**, 329.

Gentiana Amarella "subsp. or race" *G. septentrionalis* Druce, 1922, *Rep. Bot. Soc. & E.C.*, **6**, 505.

Gentiana septentrionalis (Druce) Druce, 1932, *Comital Flora*, 202.

VERONICA SPICATA L., 1753, *Sp. Plant.*, **1**, 10, subsp. **hybrida** (L.) E. F. Warburg, 1952, *F.B.I.*, 880.

Veronica hybrida L., 1753, *Sp. Plant.*, **1**, 11.

ODONTITES VERNA (Bell.) Dumort. subsp. **serotina** [Lam.] E. F. Warburg, 1952, *F.B.I.*, 912.

Euphrasia Odontites L., 1753, *Sp. Plant.*, **2**, 604.

Euphrasia serotina Lam., 1778, *Fl. Franc.*, **2**, 350, nom. illegit.

Odontites vulgaris Moench, 1794, *Meth. Pl.*, 439.

Odontites serotina Dumort. 1827, *Fl. Belg.*, **32**, nom. illegit.

Odontites Odontites subsp. *serotina* Wettst., 1901, *Denkschr. Akad. Wiss. Wien, Math.-nat. Cl.*, **70**, 321.

Odontites rubra subsp. *serotina* Hayek, 1929, *Fedde, Rep. Sp. Nov.*, Beih. **30** (2), 179.

Hydrilla lithuanica (Andrzej. ex Bess.) Dandy, 1952, *F.B.I.*, 1123.

Udora verticillata (non Spreng.) Eichwald, 1830, *Naturhist. Skizze Lithauen*, 127.

Udora lithuanica Andrzej. ex Bess., 1832, *Beibl. Flora*, **1832**, (2), 13.

Udora pomeranica Reichb., 1845, *Ic. Fl. German. & Helvet.*, **7**, 31, t. 59, fig. 104.

Anacharis pomeranica (Reichb.) Peterm., 1849, *Deutsch. Fl.*, 530, t. 82, fig. 650 a, b.

Hydrilla dentata var. *pomeranica* (Reichb.) Casp., 1853, *Bot. Zeit.*, **11**, 805.

ASPARAGUS OFFICINALIS L. subsp. **prostratus** (Dumort.) E. F. Warburg, 1952, *F.B.I.*, 1221.

Asparagus prostratus Dumort., 1827, *Fl. Belg.*, 178.

Asparagus officinalis var. *prostratus* (Dumort.) Aschers. & Graebn., 1906, *Synops. Mitteleur. Fl.*, **3**, 295.

Asparagus officinalis var. *maritimus* auct. angl. non L.

ALLIUM ROSEUM L. subsp. **bulbiferum** (Desf. ex DC.) E. F. Warburg, 1952, *F.B.I.*, 1237.

Allium roseum var. *bulbiferum* Desf. ex DC., 1805, *Fl. France*, ed. 3, 221.

De Candolle cites Desf., *Cat. Hort. Paris*, for the variety, but it does not appear to be mentioned by Desfontaines in that work.

FESTUCA OVINA L. subsp. **tenuifolia** (Sibth.) Tutin, 1952, *F.B.I.*, 1426.

Festuca tenuifolia Sibth., 1794, *Fl. Oxon.*, 44.

Desmazeria rigida (L.) Tutin, 1952, *F.B.I.*, 1434.

Poa rigida L., 1755, *Cent. Pl.*, **1**, 5.

Sclerochloa rigida (L.) Link, 1821, *Enum. Pl. Berol.*, **1**, 90.

Festuca rigida (L.) Rasp., 1825, *Ann. Sci. Nat.*, **5**, 445, non Roth, 1797.

Scleropoa rigida (L.) Griseb., 1844, *Spicil. Fl. Rumel.*, **2**, 431.

POA PRATENSIS L. subsp. **subcaerulea** (Sm.) Tutin, 1952, *F.B.I.*, 1441.

Poa subcaerulea Sm., 1802, *Engl. Bot.*, **14**, t. 1004 [non Sm. sec. Lindm., 1926, *Svensk Fanerogamflora*, ed. 2, 96].

Ceratochloa carinata (Hook. & Arn.) Tutin, 1952, *F.B.I.*, 1458.

Bromus carinatus Hook. & Arn., 1841, *Bot. Beechey Voyage*, 403.