

Plants New or Noteworthy which have flowered in the Royal Botanic Garden, Edinburgh, during 1933

Androsace sarmentosa Wall. in Roxb. Fl. Ind. ii (1824), 14; Bot. Mag. t. 6210. The true plant raised from seed sent from Nepal by courtesy of the Maharajah. April. Rock Garden.

Anemone obtusiloba D. Don forma **patula** Craib in Bot. Mag. cxli (1915), t. 8636. A fine blue-flowered buttercup from Mt. Victoria, Burma. Presented by the late Mr. Barton, The Bush, Antrim. May. Rock Garden.

Arceuthobium Oxycedri Bieb. Fl. Taur. Cauc. Suppl. 629; Hook. Fl. Bor.-Amer. t. 99. (1833). A minute mistletoe of the Western Himalayas, which grows in large bunches on the branches of *Juniperus macropoda*. Presented by the Botanic Garden, Munich. Plant Houses.

Cremanthodium oblongatum Clarke, Comp. Ind. (1876), 168. Raised from seed from Nepal, No. 540/1930. August-September. Rock Garden.

Cremanthodium reniforme Benth. in Hook. Ic. Pl. xii (1876), t. 1141. A Composite with nodding heads and yellow florets. Raised from seed from Nepal, No. 542. 1930. August. Rock Garden.

Cyananthus Delavayi Franch. in Morot, Journ. de Bot. i (1887), 280. August. Rock Garden.

Cyananthus macrocalyx Franch. in Morot, Journ. de Bot. i (1887), 279. The form with yellow flowers. July. Rock Garden.

Cyananthus Wardii Marquand in Journ. Linn. Soc. xlviii (1929), 196. A plant from S.E. Tibet, remarkable for its powdery blue flowers and silvery leaves. August. Alpine House.

Dicranostigma lactucoides Hook. f. et Thoms. Fl. Ind. i (1855), 255. Figured in Engler's Pflanzenreich, Papaveraceae (1909), 205. A perennial herb, remarkable for its attractive glaucous-centred foliage and open yellow flowers. Raised from Nepal seed. August. Rock Garden.

[Notes, R.B.G., Edin., No. XC, February 1935.]

Dimorphotheca Barberiae Harv. in Hook. Bot. Mag. lxxxviii (1862), t. 5337. Kilimanjaro. A composite with conspicuous purple ray-florets. February to May. Plant Houses.

Gentiana cachemirica Decne. in Jacquem. Voy. Bot. (1844), III, t. 117 (Sect. Isomeria). A prostrate species, native of the Western Himalaya, with clear blue flowers an inch and a quarter in length. June and July. Plant Houses.

Gentiana Kurroo Royle Illustr. Bot. Himal. (1835), 278, t. 68, f. 2 (Sect. Aptera). The true species with long slender stems, carrying flowers of a deep blue; recently reintroduced from the N.W. Himalaya. August. Rock Garden.

Gentiana Loderi Hook. f. in Hook. Ic. Pl. xv (1883), t. 1440a; Gard. Chron. ser. 3, xcii (1932), 273, fig. 182 (Sect. Isomeria). A tufted species with pale blue flowers an inch in length. July and August. Rock Garden.

Gentiana Makinoi Kusn. (non Léveillé) in Act. Hort. Petrop. xiii (1893), 60; Miyoshi & Makino Pocket Atlas Alp. Pl. Japan, i (1906), t. 3, fig. 13 (Sect. Pneumonanthe). A tall growing plant about a foot high with a cluster of deep blue, trumpet-shaped, heavily spotted flowers. July. Plant Houses.

Gentiana saxosa Forst. f. in Act. Holm. (1777), 183, t. 5; Trans. New Zealand Inst., xxvii, 338, Pl. xxviii. A native of New Zealand, this species forms a close tuft of short stems with deep green fleshy leaves. The flowers are white with faint purplish veining. August. Rock Garden.

Helichrysum Lentii Volk. et O. Hoffm. in Engl. Pflanzenw. Ost.-Afr. C. (1895), 410; Chiovenda & Cortesi, Il Ruwenzori, Angiosp. (1909), t. 5. A rare "Everlasting" from Mount Kilimanjaro, Central Africa. Presented by the Botanic Garden, Munich. July. Plant Houses.

Hyacinthus pycnanthus Baker in Journ. Linn. Soc. xi (1871), 430, Armenia. April. Rock Garden.

Meconopsis superba King ex Prain in Journ. Asiat. Soc. Beng. lxiv, 2 (1895), 317; Ann. R.B.G. Calc. ix (1901), t. 5. A herb 3-5 feet in height with white flowers, raised from Nepal seed. August. Rock Garden.

Nomocharis Souliei W. W. Smith et W. E. Evans in Notes R.B.G. Edin. xv (1925), 40. Flowers "deep black crimson," fragrant. Raised from Forrest, No. 19632. July. Rock Garden.

- Omphalogramma elegans** G. Forrest in Notes R.B.G. Edin. xiv (1923), 55. Raised from Forrest's seed. May. Rose Garden and Rock Garden.
- Onosma Troodi** Kotschy in Unger & Kotschy, Cypren (1865), 283; Gard. Chron. ser. 3, xciii (1933), 399, 403. A plant similar to *O. tauricum*, but smaller. Raised from seed received from Cyprus. May. Rock House.
- Potentilla coriandrifolia** D. Don Prod. Fl. Nep. (1825), 232; Gard. Chron. ser. 3, lxxxix (1931), fig. 250. A unique *Potentilla* with white flowers, purple blotched at the base of the petals. Raised from Nepal seed. June. Rock Garden.
- Primula angustifolia** Torr. in Ann. Lyc. N. York i (1824), 34, t. 3. (Sect. Parryi). A small herb from the temperate zone of the Rocky Mountains. June. Glass Houses.
- Primula blattariformis** Franch. in Gard. Chron. ser. 3, i (1887), 575; ibid. lix (1916), 254, fig. 106 (Sect. Malvaceae). A half-hardy species raised from Forrest No. 30665. July. Plant Houses.
- Primula concholoba** Stapf & Sealy in Bot. Mag. clv (1932), t. 9289. Allied to *P. apoclita* (Sect. Muscarioides). Raised from Kingdom Ward No. 8406. May. Rock Garden.
- Primula cuneifolia** Ledeb. in Mém. Acad. Petersb. v (1814), 522; Notes R.B.G. Edin. viii (1913), t. 22 (Sect. Cuneifolia). Imported from Japan. May. Plant Houses.
- Primula cuneifolia** var. *hakusanensis* Makino in Tokyo Bot. Mag. xvi (1902), 141; Notes R.B.G. Edin. viii, t. 23a. Imported from Japan. May. Plant Houses.
- Primula cuneifolia** var. *heterodonta* Makino in Tokyo Bot. Mag. xvi (1902), 141; Notes R.B.G. Edin. viii, t. 23b. Imported from Japan. May. Plant Houses.
- Primula Edgeworthii** Pax in Pflanzenr. Primul. (1905), 41; Gard. Chron. ser. 3, xciii (1933), p. 240 (Sect. Petiolaris). Plants from near Simla sent home by air mail by Captain Lowndes. A notable addition to the three cultivated species of the section *Petiolaris*. January–February. Rock Garden.
- Primula florida** Balf. f. et Forrest in Notes R.B.G. Edin. ix (1915), 16; Gard. Chron. ser. 3, lviii (1915), 207 (Sect. Souliei). This species, with purple flowers, grows on sandstone rocks in Szechuan. Raised from Forrest No. 30212. July. Plant Houses.

Primula Jesoana Miq. Prol. Fl. Japon. (1867), p. 283; Notes R.B.G. Edin. viii (1913), t. xv (Sect. Cortusoides). A doubtfully hardy species received from Japan. Flowers rose or magenta. May. Plant Houses.

Primula macrocarpa Maxim. in Mél. Biol. vi (1867), 269; Notes R.B.G. Edin. viii (1913), t. xx; New Flora and Silva, v, fig. xc (Sect. Farinosae). An interesting dwarf Japanese primrose. June. Plant Houses.

Primula Normaniana Ward in Ann. Bot. xlv (1930), 123; Gard. Chron. ser. 3, xci (1932), 101, fig. 40 (Sect. Cortusoides). This plant, with dainty, frilled, light magenta flowers, although not very hardy, has survived a winter in the open. April, May. Rock Garden.

Primula pulchella Franch. in Bull. Soc. Bot. Fr. xxxv (1888), 429; Journ. R.H.S. xxxix (1913), fig. 66 (Sect. Nivales). Flowers clear blue. Forrest No. 28365. July. Plant Houses.

Primula Rockii W. W. Smith in Notes R.B.G. Edin. xvi (1931), 224 (Sect. Bullatae). A species related to *P. Forrestii* recently described and introduced, has flowers of the same golden colour but is much smaller. Forrest No. 30280. March. Plant Houses.

Primula rupicola Balf. f. et Forrest in Notes R.B.G. Edin. ix (1915), 41 (Sect. Souliei). A plant from Yunnan, where it grows on open stony pastures at an altitude of 12,000 ft. Flowers similar in appearance to those of *P. frondosa*. Forrest No. 30252. June. Plant Houses.

Primula yunnanensis Franch. in Bull. Soc. Bot. Fr. xxxii (1885), 269; Notes R.B.G. Edin. iv (1908), 226 (Sect. Farinosae). A plant with large open flowers, like those of *P. Winteri*, borne singly or in pairs on short, slender stems. Raised from Forrest No. 30314. February. Plant Houses.

Pteridophyllum racemosum Sieb. & Zucc. in Abh. Akad. Muench. iii, ii (1843), 720; Bot. Mag. t. 8743. A rare Japanese species with a raceme of white flowers. July. Rock Garden.

Rhododendron auritum Tagg in Rhod. Soc. Notes iii, No. 5 (1932), 278; Notes R.B.G. Edin. xviii (1934), 218. (Boothii Series.) A shrub 10 feet high. Collected in S.E. Tibet. Flowers 4-7 in a truss, creamy-white, tinged pink. Raised from Ward No. 6278. April. Nursery.

Rhododendron caesium Hutch. in Gard. Chron. ser. 3, xciv (1933), 102. (Triflorum Series.) A shrub of 3-4 feet high. Collected in

W. Yunnan. Flowers greenish-yellow. Forrest No. 26798. June. Nursery.

Rhododendron deleiense Hutch. et Ward in Notes R.B.G. Edin. xvi (1931), 172. (Boothii Series.) A low shrub from the Delei Valley, Assam, related to *Rhododendron tephropeplum*. Ward Nos. 8165, 8202. April. Rock Garden.

Rhododendron microleucum Hutch. in Gard. Chron. ser. 3, xciii (1933), 333. (Lapponicum Series.) Flowers pure white. Appeared among plants raised from Forrest's seed. Presented by Mr. Lionel de Rothschild. Nursery.

Rhododendron micromeres Tagg in Notes R.B.G. Edin. xvi (1931), 211. (Glaucum Series.) A straggling epiphytic shrub 3-6 feet high. Flowers creamy-yellow. Raised from Forrest's seed. Nursery.

Rhododendron polyandrum Hutch. in Notes R.B.G. Edin. xii (1919), 25. (Maddenii Series) A bush 3 feet high. Collected by R. E. Cooper in Bhutan. Plant Houses.

Rhododendron venator Tagg in Notes R.B.G. Edin. xviii (1934), 220. (Irroratum Series.) A shrub 8-10 feet high, flowers deep crimson. Collected in the Tsangpo gorge, S.E. Tibet; Ward No. 6285. May. Wild Garden.

Stilbocarpa polaris A. Gray, Bot. U.S. Expl. Exped. i (1854), 714; Kew Bull. (1908), 249. Araliaceae. May. Plant Houses.