

99823 to 100103—Continued.

100081 to 100084. *PRIMULA MUSCARIOIDES* Hemsl.

A primrose with rather fleshy light-green leaves 4 to 5 inches long. The scapes, twice as long as the leaves, bear heads of deep purple-blue or almost violet flowers. Native to moist open places on the edges of forests in Yunnan.

100081. F. 30234. 100083. F. 30274.

100082. F. 30266. 100084. F. 30291.

100085. *PRIMULA PINNATIFIDA* Franch.

F. 30318. A hardy alpine primula 3 to 10 inches high, native to Yunnan, where it is found in swampy alpine meadows between 12,000 and 15,000 feet altitude. The thin leaves are pinnatifid, and the spikes of beautiful bright-blue fragrant flowers are produced as soon as the snow disappears.

100086 to 100040. *PRIMULA POISSONI* Franch.

A glabrous primula with narrow-oblong, rather regularly serrate leaves and purplish flowers in whorls. Native to Yunnan.

100086. F. 30196.

100087. F. 30225.

100088. F. 30303.

100089. F. 30233. Variety *planiflora*.100040. F. 30265. Variety *planiflora*.100041 to 100043. *PRIMULA POLYNEURA* Franch.

A perennial primula with suborbicular, crenate-lobed leaves 1 to 3 inches long and scapes 4 to 16 inches tall, bearing umbels of purple flowers about half an inch across. It is native to central China.

For previous introduction see 93929.

100041. F. 30254. 100043. F. 30311.

100042. F. 30287.

100044 and 100045. *PRIMULA PULCHELLA* Franch.

A handsome primrose growing in limestone soil in rather moist meadows up to 11,000 feet altitude in Yunnan. The lanceolate leaves are yellowish beneath, and the large flowers are bluish purple.

100044. F. 30262. 100045. F. 30320.

100046. *PRIMULA PULCHELLOIDES* F. K. Ward.

F. 30310. A perennial herb native to Yunnan. The narrowly lanceolate leaves, 1 to 3 inches long, have revolute denticulate margins, and the stiff scapes, 6 to 9 inches high, bear umbels of light-violet flowers one half inch across.

100047. *PRIMULA RIGIDA* Balf. and Forr.

F. 30241. A purple-flowered primula with firm oblong-spatulate leaves 2 inches long, densely farinose beneath. The purple flowers, one half inch long, are on a stout rigid scape more than 2 inches high. A member of the section *Nivalis* and native to the Mu-li Mountains, Szechwan.

100048 and 100049. *PRIMULA ROCKII* W. W. Smith.

A small woody primula at 10,000 feet altitude in southwestern China. It is related to the section *Bullatae*, to which *P. Forrestii* belongs, but very distinct from it. The leaves are smaller and darker green, and the large deep-orange flowers are single, on short peduncles, and droop.

For previous introduction see 95388.

100048. F. 30280.

100049. F. 30339.

99823 to 100103—Continued.

100050 to 100053. *PRIMULA SECUNDFLORA* Franch.

A very fine perennial primula found on alpine meadows up to 15,000 feet altitude, almost the snow line, in southwestern China. When young, the ovate-oblong finely serrulate papery leaves, 2 to 4 inches long, are golden farinose beneath, and the stout scape, 8 to 14 inches high, bears a one-sided, 6- to 10-flowered umbel of flowers nearly an inch across which vary in color from bright violet to rich reddish purple.

100050. F. 30219.

100052. F. 30315.

100051. F. 30283.

100053. [No data.]

100054 to 100056. *PRIMULA SERRATIFOLIA* Franch.

A very attractive primula, native to western China, where it grows along the banks of streams. The leaves are bright green, and the lovely yellow flowers are striped with orange.

100054. F. 30193.

100055. F. 30224. A very fine form.

100056. F. 29886.

100057 to 100061. *PRIMULA SIKKIMENSIS* Hook.

A primrose found in moist meadows and along streams in the Himalayas at 13,000 feet altitude. The lanceolate drooping leaves are dull green on both sides, and the large bell-shaped rich-yellow flowers, on stalks up to 2 feet high, appear in June. It has the habit of *P. secundiflora*, and should be treated as a short-lived perennial.

For previous introduction see 93930.

100057. F. 30222.

100060. F. 30289.

100058. F. 30277.

100061. F. 30292.

100059. F. 30278.

100062. *PRIMULA SINOLISTERI* Balf. f.

A Chinese primrose of the type of *P. obconica*, which promises to be of horticultural value, since it does not have the irritant hairs. The acutely lobed leaves form compact masses, and the many trusses of flowers vary from white to lilac in color.

100063 to 100065. *PRIMULA SINOPLANTAGINEA* Balf. f.

A Chinese primula of the section *Nivalis*, native to Yunnan. The acute lanceolate leaves are yellow-farinose beneath, and the deep-purple flowers are on a thick scape 5 inches high.

100063. F. 30206.

100065. F. 30220.

100064. F. 30213.

100066 to 100070. *PRIMULA SINOPURPUREA* Balf. f.

This, one of the most striking primroses of the section *Nivalis*, is a stout herbaceous plant from 4 inches to 3 feet high, growing in acid soil in boggy meadows up to 14,000 feet altitude in southwestern China. The thin papery narrow leaves are bright green above and golden yellow beneath, and the large dense umbels of rich-purple or violet flowers appear in April and May.

100066. F. 30200.

100069. F. 30243.

100067. F. 30205.

100070. F. 30316.

100068. F. 30223.