

100500 to 100618—Continued

long. The small white flowers, in compound terminal corymbs 6 to 8 inches across, are followed by ovoid fruits a quarter of an inch in diameter.

For previous introduction see 93951.

100602. *SORBUS* sp.

F. 30970.

100603. *SORBUS* sp.

F. 30991.

100604 to 100606. *SPIRAEA* spp. Rosaceae
Spiraea.

100604. *SPIRAEA* sp.

G. F. 80. Closely related to *S. canescens glaucophylla*.

100605. *SPIRAEA* sp.

F. 30863. Closely related to *S. sinobrunnea*.

100606. *SPIRAEA* sp.

F. 31001. Closely related to *S. arcuta*.

100607. *STACHYRUS HIMALAICUS* Hook. f. and Thoms. Stachyuraceae.

F. 29930. A small tree native to the eastern temperate slopes of the Himalayas in India. The ovate membranous leaves, 6 inches long, have serrate margins, and the small flowers in erect spikes, 2 to 3 inches long, are followed by fleshy berries the size of a small pea.

For previous introduction see 100364.

100608. *SYRINGA* sp. Oleaceae. Lilac.

F. 30898. Closely related to *S. yunnanensis*.

100609. *TILIA CHINENSIS* Maxim. Tiliaceae. Linden.

F. 30558. A Chinese linden with long-stamined roundish serrate leaves, ash pubescent beneath, and oblong-linear bracts about as long as the petioles. Native to Kansu, western China.

100610. *TRIPTEGYIUM FORBESII* Loesner. Celastraceae.

F. 30971. A shrub about 3 feet high, with oval granulate serrate papery leaves 2 to 3 inches long and terminal panicles of small green-brown flowers. Native to open situations in the Tali Range, Yunnan.

100611 to 100614. *TSUGA* spp. Pinaceae. Hemlock.

100611. *TSUGA CHINENSIS* (Franch.) Pritz. Chinese hemlock.

G. F. 87. A large forest tree up to 150 feet high, native to western China. The branchlets are yellowish at first, later turning pale yellow-gray. The linear leaves, 1 inch long, are glossy, dark green above and have broad whitish bands beneath which later become inconspicuous. The ovoid cones, 1 inch long, have lustrous yellow-brown scales.

For previous introduction see 98384.

100612 and 100613. *TSUGA YUNNANENSIS* (Franch.) Masters. Yunnan hemlock.

A forest tree up to 150 feet high, with trunks 6 to 7 feet in diameter. The branchlets are covered with a rufous-gray pubescence, and the leaves, up to an inch long, are rounded at the apex and have white lines beneath. The small dull cones, 1 inch long, have fewer scales than those of *T. chinensis*. Native to western China at 11,000 feet altitude.

100612. G. F. 78.

100613. F. 30976.

100500 to 100618—Continued

100614. *TSUGA* sp. G. F. 83.

100615. *VACCINIUM DELAVAYI* Franch. Vacciniaceae. Blueberry.

F. 30956. A bushy shrub with grayish bark, leathery, shining-green, obovate leaves half an inch long, very small white flowers in small racemes, and small globose capsules. Native to Yunnan.

100616. *VACCINIUM* sp. Vacciniaceae. Blueberry.

F. 30688. Closely related to *V. fragile*.

100617. *VIBURNUM* sp. Caprifoliaceae.

F. 30727.

100618. (Undetermined.)

F. 29882.

100619 to 100632.

From Australia. Seeds presented by Edwin Ashby, Wittinga, Blackwood, South Australia. Received June 28, 1932. Numbered in July 1932.

100619. *ALYOGYNE HAKEAEFOLIA* (Giordano) Alefeld. Malvaceae.

An erect evergreen shrub, native to Australia, with narrow-lobed or deeply serrate leaves and large purple-lilac flowers with dark centers. It is closely related to cotton.

For previous introduction see 93829.

100620 to 100622. *CASSIA* spp. Caesalpiniaceae.

100620. *CASSIA ARTEMISIOIDES* Gaud. Wormwood senna.

An erect bushy shrub covered with silky white tomentum. The leaves are made up of 3 to 6 pairs of linear-terete leaflets 1 inch long, and the yellow flowers are in short dense racemes. It is native to Australia.

For previous introduction see 90850.

100621. *CASSIA PLBUROCARPA* F. Muell.

A tall, erect Australian shrub with 4 or 5 rather distinct pairs of thick, oblong leaflets and loose racemes of yellow flowers.

100622. *CASSIA* sp.

100623. *CHORIZEMA ILLICIFOLIUM* Labill. Fabaceae.

A showy, graceful shrub from Western Australia, from 3 to 4 feet high, with brilliant orange-red, pea-shaped flowers. It blooms for many months in winter and spring.

100624. *CHORIZEMA NERVOSUM* T. Moore. Fabaceae.

An erect rigid shrub 12 inches high with pubescent branchlets, native to Western Australia. The broadly cordate leaves, one-half inch long, have undulate margins, and the small, orange-red, pea-shaped flowers are in loose racemes.

100625. *CLIANTRUS PUNICEUS* (Don) Soland. Fabaceae. Red parrotbeak.

A drooping undershrub, native to New Zealand, with dark-green pinnate leaves and long, pendulous racemes of bright-scarlet flowers.

100626 to 100628. *GREVILLEA* spp. Proteaceae.

100626. *GREVILLEA BIPINNATIFIDA* R. Br.

A prostrate or diffuse evergreen shrub 3 to 4 feet high, native to Western Australia. The broadly ovate leaves, 4 inches long and 3 inches wide, are twice divided into wedge-shaped segments. The silky pubescent, red flowers are in loose racemes 4 inches long or gathered together in a large terminal panicle.