

103599 to 103602—Continued.

103601. *KALANCHOE GRANDIDIERI* Baill. Crassulaceae.

An arborescent succulent plant, native to Madagascar, with a smooth stem 3 to 6 feet high and entire flat leaves 4 to 6 inches long. At the top of the stem a flower stalk, about 20 inches high, bears a paniclelike cluster of pendulous violet flowers.

For previous introduction see 77908.

103602. *POINCIANA ADANSONIODES* Hort. Caesalpiniaceae.

Collected in dry limestone soil at Manompetsa.

A name for which a place of publication and a description have not been found.

103603 to 103605.

From the Society Islands. Budsticks and plants presented by Harrison H. Smith, Papeari, Tahiti. Received August 8, 1933.

103603. *CITRUS GRANDIS* (L.) Osbeck. Rutaceae. Grapefruit.

A variety with green flesh.

103604. *CITRUS GRANDIS* (L.) Osbeck. Rutaceae. Grapefruit.

A variety with pink flesh of excellent quality, originally from Sarawak.

103605. *GARDENIA TAITENSIS* DC. Rubiaceae.

*Tiare Tahiti.* A spineless tropical shrub with opposite obovate leaves and fragrant white flowers, borne singly in the uppermost leaf axils. It is native to the Society Islands, where it grows to perfection on the low atoll islands.

103606 to 103623.

From Tonkin, Indo-China. Seeds grown at the Agricultural Station de Phu-Ho, and presented through the director of the Institute National d'Agronomie Coloniale, Nogent-sur-Marne, France. Received August 3, 1933.

103606 to 103609. *CASSIA* spp. Caesalpiniaceae.

103606. *CASSIA ABSUS* L.

An erect annual tropical legume, about 2 feet high, with small red-yellow flowers. It is native to India and Egypt.

For previous introduction see 93765.

103607. *CASSIA HIRSUTA* L.

An erect annual herb covered with long hairs. The compound leaves are made up of 3 to 5 pairs of ovate leaflets 2 to 3 inches long, and the yellow flowers are borne in axillary racemes. It is native to Brazil.

For previous introduction see 90535.

103608. *CASSIA MIMOSIODES* L.

A sensitive plant, with pea-shaped flowers, which does well in poor dry soil.

For previous introduction see 90546.

103609. *CASSIA PATELLARIA* DC.

A subshrubby perennial with densely pubescent stems 2 to 3 feet high, native to tropical America. The small oblong-linear leaflets are borne in 10 to 25 pairs, and the inconspicuous flowers are in peduncled axillary clusters.

103610. *CROTALARIA CHINENSIS* L. Fabaceae.

A perennial herb 1 to 2 feet high, native to southeastern Asia. The ascending branches are clothed with long brown silky hairs; the simple linear to oblanceolate leaves are 1 to 2 inches long; and the inconspicuous flowers are in densely capitate terminal clusters of 3 to 6.

103606 to 103623—Continued.

103611. *CROTALARIA UNCINELLA* Lam. Fabaceae.

A much-branched shrub over a foot high, with slender branches and terminate leaves composed of oval-obtuse leaflets. The small flowers, in terminal and axillary racemes, are succeeded by small round pea-shaped pods. Native to the island of Bourbon.

103612. *FLEMINGIA CONGESTA* Roxb. Fabaceae.

An erect shrub 4 to 6 feet high, with angular silky branchlets, native to southeastern Asia. The trifoliolate leaves have broadly lanceolate leaflets 4 to 6 inches long, and the small flowers, covered by the shining pale-brown silky calyx, are in dense oblong racemes 2 inches long.

For previous introduction see 102760.

103613 to 103622. *MEIBOMIA* spp. Fabaceae.

103613. *MEIBOMIA CAPITATA* (Burm.) Kuntze (*Desmodium capitatum* DC.).

A subshrubby shrub native to southeastern Asia. The somewhat leathery trifoliolate leaves have obovate-cuneate leaflets 1 to 2 inches long, green above and covered beneath with silky white hairs. The inconspicuous flowers are borne in dense headlike racemes 1 to 2 inches long.

103614. *MEIBOMIA CEPHALOTES* (Roxb.) Kuntze (*Desmodium cephalotes* Wall.).

A tall shrub with densely silky, acutely angled, zigzag branches and compact umbels of deep-red flowers. It is native to the tropical zone of the eastern Himalayas. Cattle and goats are said to be fond of the leaves.

For previous introduction see 86632.

103615. *MEIBOMIA ELEGANS* (Lour.) Kuntze.

A low shrub or herbaceous perennial with villose stems and compound leaves consisting of three ovate-obtuse leaflets, silky hairy beneath, and 2 to 4 inches long. The small flowers, in dense heads or umbels, are followed by flat three-jointed pods with rounded joints. It is native to Hong Kong.

103616. *MEIBOMIA GANGETICA* (L.) Kuntze (*Desmodium gangeticum* DC.).

A woody herbaceous plant, more or less erect, and 3 to 4 feet high, with oblong leaflets 3 to 6 inches long and copious lateral and terminal flower clusters. Native to the Himalayas up to 5,000 feet, and distributed throughout the East Indies and tropical Africa.

For previous introduction see 65587.

103617. *MEIBOMIA HETEROCARPA* (L.) Kuntze (*Desmodium polycarpum* DC.).

An erect or suberect undershrub found throughout the Himalayas and Burma at altitudes up to 5,000 feet. All of the shrubby species of this genus are said to contain good fibers, used in some cases for papermaking.

For previous introduction see 99742.

103618. *MEIBOMIA LASIOPARPA* (Beauv.) Kuntze (*Desmodium latifolium* DC.).

An erect undershrub 3 to 6 feet high, native to southeastern Asia. The branches are densely clothed with short brown pubescence; the single leathery leaflet, 3 to 6 inches long, is ovate with obscurely undulate margins; and the dense spike-like racemes of small flowers are 2 to 6 inches long.

103619. *MEIBOMIA MAURITIANA* (Willd.) Kuntze (*Desmodium mauritanum* DC.).

A much-branched perennial herb 1 to 3 feet high, native to the island of Mauritius. The trifoliolate leaves have firm obovate leaflets 1 inch long, and the small red flowers are in racemes 2 to 3 inches long.