

102644 to 102687—Continued.

102671. *PASSIFLORA PEDATA* L. Passifloraceae.

No. 3128. Presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, April 2, 1933. A species with particularly attractive foliage and fruits that are dark green when ripe.

102672. *PHASEOLUS CALCARATUS* Roxb. Fabaceae. Rice bean.

No. 3028. A deep-brown bean purchased in the market at Port-au-Prince, Haiti, March 3, 1933.

102673. *PORTLANDIA GRANDIFLORA* L. Rubiaceae.

No. 3133. Presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, April 2, 1933. A tropical shrub up to 15 feet high, native to the West Indies, with opposite elliptical leathery leaves and axillary funnel-shaped flowers 4 inches long marked with purple-red calyx stripes, but with a very beautiful cream-colored corolla.

For previous introduction see 97577.

102674. *PTEROCARPUS OFFICINALIS* Jacq. Fabaceae.

No. 3051. Collected in the Bath Botanic Garden, Jamaica, March 9, 1933. A glabrous tree up to 30 feet high, native to tropical America. The compound leaves are made up of 5 to 9 elliptical-lanceolate shining leaflets 4 to 8 inches long, and the small yellow flowers, in lax panicles, are followed by flat, very oblique veiny pods nearly 2 inches across.

102675 to 102677. *SCHOMBURGKIA* spp. Orchidaceae. Orchid.

102675. *SCHOMBURGKIA THOMSONIANA* Reichenb. f.

No. 3057. Originally from Grand Cayman Island and presented by Edward J. Downes, of the Hope Gardens, Jamaica, March 10, 1933. A handsome West Indian orchid closely related to *Schomburgkia tibicinis*. The panicle has 15 flowers, the sepals are very pale yellow with a pale-mauve disk, and the light sulphur-yellow petals are lined and streaked with dark purple.

102676 and 102677. From Old Providence Island, March 14, 1933.

102676. *SCHOMBURGKIA* sp.

102677. *SCHOMBURGKIA* sp.

Nos. 102678 to 102681 were presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, April 2, 1933.

102678. *SOLANUM PIERREANUM* Pail. and Bois. Solanaceae.

No. 3135. A small sweet pepper with bright scarlet fruits which are ornamental as well as edible.

102679 to 102681. *STIGMAPHYLLON* spp. Malpighiaceae.

102679. *STIGMAPHYLLON LEDIFOLIUM* (H. B. K.) Small.

No. 3140. A woody vine native to Cuba. The linear to suborbicular leathery leaves, 1 to 4 inches long, are lustrous above, and the axillary clus-

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ters of bright-yellow flowers are followed by 1 to 3 maplelike winged fruits nearly an inch long.

102680. *STIGMAPHYLLON SAGRAEANUM* Juss.

No. 3131. A woody vine, native to the West Indies, with rigid leathery linear to ovate leaves, coarsely reticulated beneath. The bright-yellow flowers are in axillary clusters, and the maplelike fruits are oblong with straight edges.

102681. *STIGMAPHYLLON PUBERUM* (Rich.) Juss.

No. 3134. A woody vine, native to the West Indies, with the branchlets covered with appressed brown hairs. The ovate-acuminate leaves, 2 inches long, are nearly glabrous above and appressed pubescent beneath. The petals of the bright-yellow flowers, an inch across, are fringed on the margin, and the maplelike fruits are more than an inch long.

102682. *STROPHANTHUS* sp. Apocynaceae.

No. 3058. From the Hope Gardens, Kingston, Jamaica, March 11, 1933. A strong climber with coarse leaves and large pink and white flowers with short acute petals.

102683. *SYNADENIUM GRANTII* Hook. f. Euphorbiaceae. African milk-bush.

No. 3130. Presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, April 2, 1933. A stout shrub 8 to 10 feet high with pale-gray bark, native to tropical Africa. The slightly fleshy, oblanceolate to obovate leaves are 3 to 7 inches long, and the small dark-red flowers are borne in axillary cymes.

102684. *TILLANDSIA* sp. Bromeliaceae.

No. 3148. Collected near Georgetown, Grand Cayman, British West Indies, March 29, 1933. A small epiphytic tillandsia with attractive transverse markings. Found in dense brush.

102685. *TRIOPTERIS JAMAICENSIS* L. Malpighiaceae.

No. 3132. Presented by Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos, Cuba, April 2, 1933. A low-growing twining glabrous woody vine, native to the West Indies, with small violet to purple flowers.

102686. (Undetermined.)

No. 3142. From Old Providence Island, March 13, 1933. A fern found growing on the rocks in a very dry situation where it was exposed to the most intense sunlight. It had formed a perfect network of creeping rhizomes from which rose decorative leaves that were strikingly like the leaves of the *Ficus repens* (when old).

102687. (Undetermined.)

No. 3109. *Bull Rush* palm. From Grand Cayman, British West Indies, March 29, 1933. A beautiful fan palm with very dark-green leaves on long petioles and a tendency for the base of the leaflets to cross over at the suture. It is an ornamental palm which can stand long periods of drought.