

102586 to 102619—Continued.

102605. ERAGROSTIS PROLIFERA (Swartz)
Steud. Poaceae. Grass.

No. 3076. From New Providence Island, March 15, 1933. A robust grass with stems 3 to 5 feet high in large clumps, native to tropical America on sandy beaches and in brackish marshes.

102606. ERYTHRINA ROEFFIGIANA (Walp.)
O. F. Cook (*E. micropteryx* Poepp.).
Fabaceae. Bucare.

No. 3071. *Mountain immortelle*. Presented March 10, 1933, by Mr. Goodman, of the Hope Gardens, Kingston, Jamaica. A handsome tender leguminous tree with red flowers. Native to Peru.

For previous introduction see 101011.

102607. GOSSEYPIUM JAMAICENSE Macf.
Malvaceae. Cotton.

From Great Inagua, Bahamas, February 27, 1933. A tropical shrub 4 to 5 feet high with hairy branches, heart-shaped, three-lobed hairy leaves, pale-yellow flowers, and a four-valved capsule containing white cotton. It is native to Jamaica.

102608. INODES sp. Phoenicaceae. Palm.

No. 3073. From the Castleton Gardens, Jamaica, March 9, 1933.

102609. LECYTHESIS TUIRANA Pittier.
Lecythidaceae.

No. 3107. From Ancon, Canal Zone, March 23, 1933. A tall straight tree 75 to 100 feet high, native to Panama. The elliptic-lanceolate coriaceous leaves, 8 to 12 inches long, are glossy above and paler and dull beneath, and the sulphur-yellow flowers are borne in dense terminal racemes 1 to 2 feet long.

102610. MISANTHECA TRIANDRA (Swartz)
Mez. Lauraceae.

No. 3067. From Old Providence Island, March 14, 1933. A West Indian tree up to 70 feet high, with alternate oblong shining dark-green leaves 4 inches long and panicles of white flowers which turn purple with age. The purple fruits with their red cups have the appearance of acorns and are very attractive.

102611. ODONTADENIA SPECIOSA Benth.
Apocynaceae.

No. 3092. From Barro Colorado Island, Canal Zone, March 23, 1933. A large woody tropical American vine with opposite elliptic leaves 5 to 10 inches long and large cymes of yellow flowers.

102612. PASSIFLORA LIGULARIS Juss.
Passifloraceae. Sweet granadilla.

No. 3061. From the market at Kingston, Jamaica, March 11, 1933. The light-yellow or green-yellow fruit is egg-shaped and has a rather thin rind. The seed is surrounded by an edible translucent arillus which is very refreshing.

102613. PASSIFLORA VITIFOLIA H. B. K.
Passifloraceae.

No. 3086. From the Armour trail, Barro Colorado Island, Canal Zone, March 23, 1933.

For previous introduction and description see 102462.

102614. PAULINIA sp. Sapindaceae.

No. 3098. From the Armour trail, Barro Colorado Island, Canal Zone,

102586 to 102619—Continued.

March 23, 1933. A strong growing vine with three-sided capsules containing shining black seeds, each with a brilliant white arillus.

102615. PINUS OCCIDENTALIS Swartz.
Pinaceae. Pine.

No. 3026. *Bois Chaudelle*, or *candlewood* tree. Collected at 6,000 feet altitude in Haiti, March 2, 1933. A native pine which resembles *Pinus caribaea*, but generally has five leaves in the fascicle instead of two. Formerly this pine covered the island above 2,500 feet altitude but is now found only in small patches. The tree is a rapid grower and is now being planted on the mountain sides to prevent soil erosion.

102616. SOLANUM sp. Solanaceae.

No. 3077. *Yankee*. From Great Inagua, Bahama Islands, February 26, 1933. A shrub with attractive foliage and small reddish fruits. Found in deep sandy land in a coconut plantation. The seeds have a bitter flavor and may contain an alkaloid.

102617. SPATHODEA NILOTICA Seem.
Bignoniaceae.

No. 3093. From the Experiment Gardens, Summit, Canal Zone, March 25, 1933. A shrubby tree up to 20 feet high, native to the northern part of tropical Africa. The leaves, which are opposite and composed of 9 to 15 leathery leaflets, are covered beneath with dense short hairs, and the scarlet flowers are in short terminal clusters. Both the leaves and flowers resemble those of *Spathodea campanulata*.

102618. TILMIA CARYOTAEFOLIA (H. B. K.)
O. F. Cook (*Martinezia caryotaeifolia* H. B. K.).
Poaceae. Palm.

No. 3101. A beautiful slender straight-stemmed spiny-trunked palm up to 30 feet high with graceful pinnate leaves and bright orange-scarlet fruits borne in drooping racemes.

For previous introduction see 91784.

102619. TRIPLARIS SURINAMENSIS Cham.
Polygonaceae.

No. 3070. Presented March 10, 1933, by Mr. Goodman, curator, Hope Gardens, Kingston, Jamaica. A small tropical tree with ovate acuminate alternate leaves and small cream-white flowers in pilose spikes. The young stems are hollow and are usually occupied by ants. Native to Surinam.

102620. ELEOCHARIS TUBEROSA (Roxb.)
Schult. Cyperaceae. Waternut.

Tubers presented by Albert P. Ding, of Portland, Oreg. Received April 17, 1933.

A Chinese vegetable which grows very much in the same manner as wet-land rice. The corms or tuberous rhizomes are mostly eaten raw but are also sliced or shredded in soups and in meat and rice dishes. The plants, which are grown on muck or clay soil, need a hot summer to mature.

For previous introduction see 102339.

102621 to 102636.

From the West Indies and the Canal Zone. Material collected by David Fairchild, with the 1933 Allison V. Armour expedition. Received April 15, 1933.