

102277 to 102287—Continued.

102279. CRESCENTIA CUJEPE L. Big-noniaceae. Calabash-tree.

No. 3066. Cuttings of a handsome tree, native to tropical America, with wide-spreading branches and the general habit of the Burbank plum. The glossy dark-green leaves, 4 to 6 inches long, are broadly lanceolate, and the solitary pendulous round fruits are 18 to 20 inches in diameter, but can be made to assume various shapes by skillful tying.

102280. DRACAENA sp. Liliaceae.

No. 3038. Seeds presented by E. S. Townes of Castleton Gardens, Jamaica, March 7, 1933. A tree 20 feet high and half as wide. The bright-orange fruits are in long pendent clusters.

102281. EUPHORBIA PULCHERRIMA Willd. Euphorbiaceae. Poinsettia.

No. 3063. From Kingston, Jamaica, March 10, 1933. Cuttings presented by M. Goodman, of the Hope Gardens. A "double" variety, with more numerous bracts than the common form.

102282. LIVISTONA HOOGENDORPII Andre. Phoenicaceae. Palm.

No. 3040. Seeds collected in Castleton Gardens, Jamaica, March 7, 1933. A tall Japanese palm with fan-shaped leaves 4 to 6 feet wide on spiny petioles 3 to 5 feet long, red-brown at the base and becoming olive green near the blade. The blades are made up of 10 to 12 plicate pendulous segments with 5 to 7 acute lobes at the apex.

For previous introduction see 101263.

102283. PELARGONIUM INQUINANS (L.) Ait. Geraniaceae. Fish geranium.

No. 3046. Cuttings collected in the Hope Gardens, Jamaica, March 12, 1933. A thick-stemmed geranium with long-stemmed, roundish or kidney-shaped velvety leaves, and scarlet flowers. It succeeds well in the dry Tropics.

102284 and 102285. PERSEA AMERICANA Mill. Lauraceae. Avocado.

102284. No. 3075. From San Andrea Island, March 16, 1933. A West Indian avocado which ripens in late March or early April. It is an oblong fruit 4 inches long and of a bright-green color. The seed, however, is relatively very large.

102285. No. 3333. Fruit purchased in a market in Hispaniola.

102286. PHILODENDRON sp. Araceae.

No. 3044. Cuttings collected in the Hope Gardens, Jamaica, March 9, 1933. An unusually attractive vine with rather small leaves, 6 inches across, of an intense dark green.

102287. ROYSTONEA sp. Phoenicaceae. Royal palm.

No. 3035. Seeds collected at Kingston, Jamaica, March 7, 1933. The West Indian Royal palm is a more stately tree than the Cuban or Florida Royal palm.

102288. SORGHUM PLUMOSUM (R. Br.) Beauv. Poaceae. Grass.

From Australia. Seeds presented by the Department of Agriculture, Sydney, New South Wales, through G. D. Ross, under-secretary. Received March 15, 1933.

102288—Continued.

An Australian grass over 2 feet high, with slender stems and long narrow leaves. It is not popular with sheep herders, but is considered a very good grass for cattle. The seed shatters freely.

102289 to 102309.

From Manchuria. Seeds purchased from the Manshu Nosan Shokai, Inc., Dairen. Received March 15, 1933.

102289 to 102293. ACER spp. Aceraceae. Maple.

102289. ACER DIABOLICUM Blume. Devil maple.

A tree up to 30 feet high with 5-lobed leaves 4 to 8 inches across, the broadly ovate lobes being coarsely and remotely dentate. The racemes of small yellow flowers are followed by keys with bristly nutlets. It is native to Japan and closely resembles *A. francheti* of central China.

For previous introduction see 97499.

102290. ACER MICRANTHUM Sieb. and Zucc.

A graceful shrubby tree, native to Japan. The cordate, doubly serrate leaves are 5- to 7-lobed; the small green-white flowers are in slender racemes, and the wings of the keys spread almost at right angles.

102291. ACER RUBRIPES Hort.

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

102292. ACER RUFINERVE Sieb. and Zucc.

A small deciduous Japanese maple with blue-white young shoots and dark-green irregularly serrate 3-lobed or obscurely 5-lobed leaves. The flowers are in erect racemes about 3 inches long, and the keys are up to three-fourths of an inch long. Occasionally the young foliage, the leafstalks, and the midribs are red.

For previous introduction see 97493.

102293. ACER sp.

102294. BERBERIS QUELPAERTENSIS Nakai. Berberidaceae. Barberry.

A much-branched shrub with stout trifid spines, oblanceolate sessile serrulate leaves up to 1/2 inch long, and oblong red berries. Native to Quelpaert Island. Chosen.

102295. CARPINUS TSCHONOSKII Maxim. Betulaceae. Hornbeam.

A graceful shrubby tree up to 45 feet high, native to northeastern Asia, with the young branchlets and leaves softly pubescent. The elliptic to oblong leaves are 2 to 4 inches long and have irregularly finely serrate margins.

102296. CASSIOPE LYCOPODIODES (Pall.) D. Don. Ericaceae.

For previous introduction and description see 102191.

102297. CORNUS CONTROVERSA Hemsl. Cornaceae. Giant dogwood.

This Chinese dogwood is one of the most striking of the genus; in its native home it sometimes becomes a tree 60 feet high with a trunk 7 feet in girth.