

70755 and 70756—Continued.

A native of central and western China, where it attains a height of 75 to 100 feet or more. It is reported as a fine timber tree, producing a nut much like our native chinquapin, but a little larger. The trees are from scions taken from a tree planted by the late Dr. Walter Van Fleet, Bell, Md., about 10 years ago. Doctor Van Fleet propagated the tree from a scion obtained from the Arnold Arboretum. All stock of this number is grafted on seedlings of the Japanese chestnut, *Castanea crenata*. The original tree of *C. henryi* at Bell has proved susceptible to blight. There is no record of blight on any of this species in China.

For previous introduction see No. 67173.

70756. *CASTANEA MOLLISSIMA* × *PUMILA*. Chestnut.

Van Fleet hybrid chestnut (S. 8). A hybrid between *Castanea mollissima*, the Chinese hairy chestnut, and *C. pumila*, the American chinquapin, produced by the late Dr. Walter Van Fleet, about 1915. The original and only tree is growing in the chestnut-tree orchard at Bell, Md. The tree is upright, vigorous, and healthy, never having shown any signs of blight. The nuts are about double the size of our native chestnut, very sweet, and palatable. Stock is from scions taken from the original tree and grafted on Japanese seedlings, *C. crenata*. Of the many chestnuts tested, including hybrids, this number is an outstanding one on account of the size and quality of its nuts and the large annual yields. It is especially promising for orchard plantings in the blight-affected districts.

70757. *ATTALEA MACROCARPA* Linden. Palm.

From Buitenzorg, Java. Seeds presented by Dr. W. M. Docters van Leeuwen, director, botanic gardens. Received August 13, 1926. Numbered December, 1926.

A lofty South American palm with a spineless trunk, large pinnate leaves, and large clusters of fruits.

70758 to 70764.

From Peradeniya, Ceylon, and Singapore, Straits Settlements. Plants collected by David Fairchild, agricultural explorer, Bureau of Plant Industry, with the Allison V. Armour expedition. Received July 19, 1926. Numbered December, 1926.

70758. *BROWNEA MACROPHYLLA* Masters. Caesalpinaceae.

No. 886. Botanic gardens, Peradeniya. June 9, 1926. An ornamental tree whose limp flaccid pale yellowish young leaves and bright-rose flowers make it suitable for parks and gardens in the Tropics.

70759. *GARCINIA CAMBOGIA* (Gaertn.) Desr. Clusiaceae.

No. 895. Botanic gardens, Peradeniya. June 9, 1926. *Goraka*. During June and July the large orange-yellow fruits of this species are gathered and the segments into which the rind splits are dried in the sun, becoming black and very sour. These black segments are used to preserve fish, being made into a brine with salt and are also used instead of limes in curries. This may be valuable as a stock for the mangosteen.

70758 to 70764—Continued.

70760. *GARCINIA NIGRO-LINEATA* Planch. Clusiaceae.

No. 818. Botanic gardens, Singapore. May 31, 1926. A handsome park tree 40 feet high, with large leaves 6 to 8 inches long and small edible fruits.

For previous introduction see No. 68034.

70761. *IXORA MACROTHYRSA* Teysm. and Binn. Rubiaceae.

No. 832. Botanic gardens, Singapore. May 31, 1926. A shrub with corymbs of attractive scarlet flowers. It is accustomed to 100 inches of rainfall in this region.

70762. *MESUA FERREA* L. Clusiaceae.

No. 889. Botanic gardens, Peradeniya. June 9, 1926. The ironwood tree of Ceylon. A handsome street tree which produces large white magnoliolike flowers and twice a year young leaves that are extremely attractive because of their brilliant deep-pink color.

For previous introduction see No. 54687.

70763. *MONODORA TENUIFOLIA* Benth. Annonaceae.

No. 882. Botanic gardens, Peradeniya. June 9, 1926. *Orchid flower tree*. A tropical tree which because its leaves are fully formed produces an abundance of strangely beautiful spotted fragrant blossoms, reminding one of orchids. These blossoms quickly fade when picked and are therefore not suitable for household decoration, but the tree would grace any private garden in southern Florida.

70764. *STERCULIA LANCEOLATA* Cav. Sterculiaceae. Bottle tree.

No. 880. Botanic gardens, Peradeniya. June 9, 1926. A small tree with handsome bright orange-scarlet fruits.

70765. *CHAYOTA EDULIS* Jacq. (*Sechium edule* Swartz). Cucurbitaceae.

Chayote.

From Summit, Canal Zone. Fruits presented by Holger Johansen, Plant Introduction Garden. Received November 16, 1926.

Locally grown fruits.

70766 and 70767. *CHAYOTA EDULIS* Jacq. (*Sechium edule* Swartz). Cucurbitaceae. Chayote.

From Kingston, Jamaica. Fruits presented by E. Downes, acting superintendent, Hope gardens. Received December 27, 1926.

Locally grown fruits.

70766. Green variety.

70767. White variety.

70768. *CHAYOTA EDULIS* Jacq. (*Sechium edule* Swartz). Cucurbitaceae. Chayote.

From Moca, Dominican Republic. Fruits presented by Dr. R. Ciferri, Director, Estación Nacional Agronómica y Colegio de Agricultura. Received December 30, 1926.

Fruits grown in the Dominican Republic.