

100992 to 101002—Continued. 220101

100996. *Halei*; a seedling of the ~~Guatemalan~~ ^{Hawaiian} race which was planted in Hawaii in 1913. The trees are prolific and produce fruit in clusters which ripen in November and December. The rough green fruits, with a slightly purplish tinge when fully ripe, have a thick tough skin, are oval to obovate in shape, 8 inches long by over 4 inches thick, and weigh up to 40 ounces. The flesh is creamy yellow, free from fiber, and of a rich nutty flavor. The seed is small to medium in size and fits tightly in the cavity.

100997. *Lupfer*; a seedling, probably of the Ecuadorian race. The small fruits, weighing up to a pound and a half, have slightly rough, thin, green skin and greenish flesh, free from fiber and of a very pleasing flavor.

100998. *Moomalua*; a seedling from Hawaii whose small fruits vary in shape from round to pyriform. The thick, hard, coriaceous, dark-green rind is pitted with small yellowish dots. The fine-grained, melting, somewhat buttery yellowish flesh is tinged to green near the rind. The medium large seed fits tightly in the cavity.

100999. *Nicaragua*.

101000. *San Clemente*.

101001. *Trinidad*. Plants brought from Trinidad.

101002. *Tumaco*. Plants received from Colombia in 1925 by Mr. Johansen.

101003. *DAMNACANTHUS INDICUS* Gaertn. f. *Rubiaceae*.

From Japan. Plants collected by P. H. Dorsett and W. J. Morse, agricultural explorers, Bureau of Plant Industry. Received March 28, 1930. Numbered in August 1932.

No. 4391. *Tuge*; a spiny evergreen shrub, native to India and Japan. The small, opposite, leathery leaves are broadly ovate, and the small, fragrant, axillary, white flowers are followed by coral-red berries which remain on the bush until the flowers of the next season appear.

101004 to 101007. *ESCALLONIA* spp. *Escalloniaceae*.

From England. Seeds presented by the director, Botanic Garden, University of Cambridge, Cambridge. Received August 19, 1932.

101004. *ESCALLONIA EXONIENSIS* Veitch.

A hybrid between *E. pterocladon* and *E. rubra*, which forms an evergreen shrub or small tree up to 20 feet high. The ovate, glossy green, serrate leaves are 1 to 2 inches long, and the small, white or rose-tinted flowers are produced from June to October in England.

101005. *ESCALLONIA FLORIBUNDA* H. B. K.

An evergreen shrub or small tree, native from Venezuela to Peru. The obovate, nearly entire leaves are 2 to 4 inches long, and the pure white flowers, one half inch across, are borne in compound panicles up to 9 inches long and have a fragrance like hawthorn.

101006. *ESCALLONIA MACRANTHA* Hook. and Arn.

For previous introduction and description see 100692.

101007. *ESCALLONIA PTEROCLADON* Hook.

A bushy evergreen shrub 4 to 8 feet high, native to Patagonia. The narrowly obovate leaves, 1 inch long, are slightly toothed, and the small white flowers are in slender racemes 1 to 3 inches long terminating the short leafy rigid twigs.

For previous introduction see 91817.

101008. *VERBENA* sp. *Verbenaceae*. *Veryain*.

From the British West Indies. Plants presented by the director of agriculture, Hope, Kingston, Jamaica. Received August 19, 1932.

Introduced for the use of Department specialists working with drug plants.

101009. *SACCHARUM OFFICINARUM* L. *Poaceae*. *Sugarcane*.

From South America. Cuttings presented by Dr. Cross, from the experiment station at Tucuman, Argentina. Received August 8, 1932.

A variety of cane which should prove excellent for Louisiana. Introduced for the use of Department specialists.

101010. *MANGIFERA INDICA* L. *Anacardiaceae*. *Mango*.

From Puerto Rico. Budwood presented by Edmund H. Twight, specialist in fruits, Insular Experiment Station, Río Piedras. Received August 20, 1932.

Introduced for the use of Department specialists working with fruit breedings.

101011. *ERYTHRINA PÖPPIGIANA* (Walp.) O. F. Cook (*E. micropteryx* Poepp.). *Fabaceae*.

From the West Indies. Seed presented by E. J. H. Thomas, Charlottesville, Tobago, Windward Islands. Received August 17, 1932.

Mountain immortelle; a handsome, tender, leguminous tree with red flowers, native to Peru.

101012. *LONCHOCARPUS* sp. *Fabaceae*.

From the West Indies. Seeds presented by E. J. H. Thomas, Charlottesville, Tobago Island, through David Fairchild. Received August 17, 1932.

Black Mahoe; an attractive leguminous tree which may be useful as a street tree.

101013. *ALCHORNEA CORDIFOLIA* (Schum.) Muell. Arg. *Euphorbiaceae*.

From Cuba. Cuttings presented by Dr. Robert M. Grey, superintendent, Atkins Institution of the Arnold Arboretum, Soledad, Cienfuegos. Received August 22, 1932.

Christmas bush; so called because of the long pendent spikes of brilliant red berries produced at Christmas time. It is an ornamental tropical shrub native to western Africa.

101014 to 101018. *ORYZA SATIVA* L. *Poaceae*. *Rice*.

From South America. Seeds presented by J. Sydney Dash, director, Department of Agriculture, Georgetown, Demerara, British Guiana. Received August 17, 1932.

A collection of locally grown, long-grained varieties.

101014. *Demerara Creole*. 101017. No. 75.

101015. *Blue Stick*. 101018. No. 79.

101016. No. H 7.

101019 to 101023. *AVENA* spp. *Poaceae*. *Oats*.

From Africa. Seeds presented by the Stellenbosch-Elsenburg College of Agriculture, University of Stellenbosch, Union of South Africa. Received August 25, 1932.

A collection of oat varieties introduced for the use of Department specialists.