

78830. GOSSYPIUM sp. Malvaceae.

Cotton.

From the Dominican Republic. Seeds presented by Dr. R. Ciferri, Director de la Estación Nacional Agronómica y Colegio de Agricultura. Received February 13, 1929.

Granbolla or *granbola* cotton labeled: "Dominican cotton collection No. 1." This was grown in the dry zone of Monte Cristi, and appraised there as a good indigenous variety. The chief characteristics are a very early maturity of the boll and the small size of the plants.

78831. CASTANEA MOLLISSIMA Blume. Fagaceae. Hairy chestnut.

From Keijo, Chosen. Plants grown from seeds presented by the Director of the Forestry Experiment Station, March 9, 1926. Numbered in January, 1929.

In the endeavor to relieve the situation caused by the rapid disappearance of our native chestnut, due to the ravages of the blight fungus, the Chinese hairy chestnut is being introduced into this country in considerable quantity. The size and quality of the nuts compare rather favorably with our native chestnut, although neither the size of the tree nor the tannin content measure up to those of our native species.

For previous introduction see No. 75754.

78832. ARRACACIA XANTHORRHIZA Bancroft (Arracacha esculenta DC.). Apiaceae. Arracacha.

From Kingston, Jamaica. Tubers presented by M. S. Goodman, superintendent of the Hope gardens of the Department of Science and Agriculture. Received February 21, 1929.

The arracacha is an herbaceous perennial about 3 feet high, with carrotlike foliage and small umbels of purple flowers. It is native to northern South America. The large fleshy roots are used as food in South America and Central America, being boiled like parsnips or sliced and fried.

For previous introduction see No. 78262.

78833 to 78851. VITIS VINIFERA L. Vitaceae. European grape.

From Sawbridgeworth, Herts, England. Cuttings purchased from Thomas Rivers & Son. Received February 28, 1929.

78833. Alwick seedling.

78834. Appley Towers. A late black variety of good flavor and keeping qualities.

78835. Diamond Jubilee.

78836. Directeur Tisserand.

78837. Dr. Hogg.

78838. Duke of Buccleuch.

78839. Early Auvergne Frontignan.

78840. Lady Downe's seedling. A large, oval, black variety with sweet, firm flesh richly flavored with a fine aroma. It is said to be one of the best late grapes.

78841. Lady Hastings.

78842. Lady Hutt. A late, round white variety of excellent quality.

78833 to 78851—Continued.

78843. Madresfield Court. A very large black variety with a muscat flavor when quite ripe.

78844. Melton Constable.

78845. Mill Hill Hamburgh.

78846. Mrs. Pearson.

78847. Muscat Champion.

78848. Muscat Hamburg.

78849. Prince of Wales.

78850. Reine Olga. A round, reddish variety.

78851. White Frontignan. A medium-sized, round variety with a high muscat flavor. It is said to be a most abundant bearer.

78852. CANNA EDULIS Ker. Cannaceae. Edible canna.

From Honolulu, Hawaii. Rootstocks presented by J. M. Westgate, Director, Hawaii Agricultural Experiment Station. Received February 26, 1929.

A close relative of the ornamental cannas, cultivated for its edible tubers.

For previous introduction see No. 75858.

78853 and 78854. LILIUM spp. Liliaceae.

From Bengal, India. Seeds purchased from R. B. & D. S. Pradhan, the Chandra Nursery. Received March 2, 1929.

78853. LILIUM GIGANTEUM Wall. Giant lily.

A lily, native to the Himalayas, with bulbs which grow close to the surface in rich black mold, at altitudes between 7,500 and 9,000 feet, where it is covered with snow from November to April. The smooth hollow stems, 6 to 9 feet high, are sometimes used for musical pipes. The handsome cordate leaves, shining dark green above and paler beneath, are 10 to 12 inches long on petioles of equal length; both become smaller near the apex. In the large white fragrant flowers, often 12 to a raceme, the perianth tube is slightly greenish, and the inner surfaces of the segments are tinged with deep purple.

For previous introduction see No. 77585.

78854. LILIUM WALLICHIANUM Schult. f. Lily.

A lily 4 to 6 feet high, with linear leaves 6 to 9 inches long, and usually solitary creamy waxy white fragrant flowers, 9 inches long, which are golden yellow at the base inside and green outside.

78855. LEYCESTERIA FORMOSA Wall. Caprifoliaceae.

From Gresham, Oreg. Plants presented by the W. L. Crissey Alpine Gardens. Received March 5, 1929.

A handsome ornamental bush, closely allied to the honeysuckles, which is native to the cooler sections of the Himalayas. It is from 6 to 8 feet high, with broadly cordate leaves 5 to 7 inches long, terminal spikes of purplish flowers in the axils of the purplish bracts, and subglobose red-purple berries.

For previous introduction see No. 65261.