

98509. FICUS sp. Moraceae. Fig.

From Cuba. Cuttings presented by Señor Antonio Portuondo, Director General of Agriculture, Habana. Received April 22, 1932.

An ornamental ficus, somewhat like *F. mysorensis*, but with a heavy coating of brown hairs on the under side of the leaves.

98510 to 98514. Phoenicaceae. Palm.

From the West Indies, British Guiana, and Surinam. Seeds collected by David Fairchild and P. H. Dorsett, agricultural explorers, Bureau of Plant Industry, with the 1931-32 Allison V. Armour expedition. Received April 13, 1932.

98510. ASTROCARYUM sp.

No. 2957. Collected on Tobago Island.

98511. ASTROCARYUM SEGREGATUM Drude.

No. 2987. Purchased February 23, 1932, in the market at Georgetown, British Guiana. A rather low-growing Brazilian palm with a spiny trunk and large pinnate leaves armed with large stout black spines along the midribs. The fragrant, oily, smooth fruits are about 2 inches in diameter. Native to eastern Brazil.

For previous introduction see 97809.

98512. ASTROCARYUM PARAMACA Mart.

No. 2685. Purchased in the market at Paramaribo, Surinam, March 2, 1932. A low-growing very attractive shade-loving palm from 6 to 8 feet high with the pinnae all on one plane. The inflorescence consists of a single central upright spadix to which the fruits are attached by peduncles 1 inch long. The fruits are small, 1 inch long, with tiny black spines and a tough oily endosperm.

For previous introduction see 97910.

98513. COCCOTHRINAX sp.

No. 2614. From Beata Island, Dominican Republic. A very handsome slender fan palm with a trunk 20 feet high and about 3 inches in diameter. The under side of the leaves is silvery and the fruit is dark purple. Found on sand dunes near the seacoast.

For previous introduction see 96483.

98514. MAURITIA FLEXUOSA L. f.

No. 3652. Collected in the Lamaha Savanna, British Guiana, February 26, 1932.

For previous introduction see 98498.

98515. DIOSCOREA sp. Dioscoreaceae.**Yam.**

From Puerto Rico. Tubers presented by T. B. McClelland, director, Agricultural Experiment Station, Mayaguez. Received April 19, 1932.

Morado; so called from its purple color just below the epidermis. The flesh below this is white or cream colored, and is of good quality. In comparative trials this year at the experiment station this yam outyielded all other varieties. The production from one plant was 22 pounds, but this figure is sometimes nearly doubled.

98516 to 98519.

From the West Indies, British Guiana, and Surinam. Seeds and tubers collected by David Fairchild and P. H. Dorsett, agricultural explorers, Bureau of Plant Industry, with the 1931-32 Allison V. Armour expedition. Received April 11, 1932.

98516. COCOS NUCIFERA L. Phoenicaceae.**Coconut.**

No. 2724. *Claret*. Presented by S. H. Walter, curator, Botanic Garden, St. Lucia, Windward Islands, February 3, 1932. Seeds of a distinct variety with claret-colored husk. This is apparent only when the young coconut husk is cut.

98516 to 98519—Continued.**98517. XANTHOSOMA sp. Araceae.****Yautia.**

No. 2908. Tubers purchased in the market at Paramaribo, Surinam, March 2, 1932.

98518. DIOSCOREA TRIFIDA L. f. Dioscoreaceae.**Yampi.**

No. 3677. *Bush yam*. Presented February 29, 1932, by Mr. Collins, secretary of the British Guiana Producers' Association in Georgetown, British Guiana. This is the yam grown by the Negroes of the interior. It is considered the best one grown in the colony.

98519. XANTHOSOMA CARACU Koch and Bouche, Araceae.**Yautia.**

No. 3768. March 8, 1932. Tubers purchased in the market at Castries, St. Lucia. Remarkable for their large size and uniform shape.

98520. ANANAS SATIVUS Schult. f. Bromeliaceae. **Pineapple.**

From Ceylon. Plants purchased from the manager of the publication depot and central seed store, Department of Agriculture, Peradeniya. Received April 25, 1932.

*Mauritius.***98521 to 98523. Phoenicaceae. Palm.**

From the West Indies and British Guiana. Seeds collected by David Fairchild and P. H. Dorsett, agricultural explorers, Bureau of Plant Industry, with the 1931-32 Allison V. Armour expedition. Received April 11, 1932.

98521. NYPA FRUTICANS Wurmb.**Nipa palm.**

No. 2981. Presented March 23, 1932, by Professor Dash, Department of Agriculture, Georgetown, British Guiana. A very ornamental palm with a stout creeping underground stem and pinnate leaves about 20 feet long in erect clusters. The flat fruits, 5 inches long, 4 inches wide, and 2 inches thick, are crowded into a large round head which is borne on a special erect stalk. The juice obtained by cutting this stalk just below the fruiting head is a promising source of sugar and alcohol. The leaves are extensively used for thatching and for making baskets and mats.

98522. MAURITIA FLEXUOSA L. f.

No. 3652. Collected in the Lamaha Savanna, British Guiana, February 26, 1932.

For previous introduction and description see 98514.

98523. MAURITIA SETIGERA Griseb. and Wendl.

No. 2929. From the Scarborough Botanic Station, Tobago, February 19, 1932. A fan palm 60 feet high of magnificent proportions. Its fruits are covered with polished brown overlapping scales, are as large as hens' eggs, and very attractive. The tree was growing in acid soil and will probably do well in soil in which there is a considerable quantity of lime.

98524 to 98536. AGROPYRON spp. Poaceae. Wheatgrass.

From the Union of Soviet Socialist Republics. Seeds presented by N. Vavilov, Bureau of Introduction, Leningrad. Received April 8, 1932.

A collection of grasses to be tested by Department specialists for resistance to drought.

98524 and 98525. AGROPYRON CRISTATUM (L.) Gaertn.

98524. No. 7027. From the Omsk Experiment Station.

98525. No. 9051. From the Saratov Institute for the Study of Drought.

98526. AGROPYRON ELONGATUM (Host) Beauv.

No. 9052. From the Saratov Institute for Study of Drought.