

97910 to 97918—Continued

97912. ENGLEROPHOENIX REGIA (Mart.) Kuntze (*Maximiliana regia* Mart.).

No. 3684. *Maripa* palm. Purchased in the market at Paramaribo, Surinam, March 3, 1932. This is a massive pinnate palm up to 50 feet high, with persistent leaf petioles and immense leaves, reminding one of the *Cohune*. The sub-acid fruits have thin fleshy pulp and are much appreciated by the natives.

97913. EUTERPE EDULIS Mart. *Para* palm.

No. 3690. Collected at Paramaribo, Surinam, March 3, 1932.

For previous introduction and description see 97284.

97914. LIVISTONA HOOGENDORPII André.

No. 3651. From the Georgetown Botanic Garden, British Guiana, February 23, 1932. A form with black fruits.

For previous introduction and description see 97816.

97915. MAURITIA FLEXUOSA L. f.

No. 3652. From near Flagstaff, British Guiana, February 23, 1932. A palm, native to tropical Brazil, which grows to a height of 150 feet and 30 inches in diameter. The leaves are from 9 to 16 feet long. This is one of the so-called ivory-nut palms. The fruit is spherical, about the size of a small apple, and covered with small smooth reticulated scales. The spadix loaded with fruit is of immense weight, often more than two men can carry.

For previous introduction see 93533.

97916. PHOENIX sp.

No. 3658. Collected in the Botanic Garden, Georgetown, British Guiana, February 26, 1932. A low-growing form with scarcely any stem. The small red fruits turn black at maturity.

97917. LIVISTONA AUSTRALIS (R. Br.) Mart. *Australian fan palm*.

No. 3686. Collected March 4, 1932, in Paramaribo, Surinam. A tall slender palm from 30 to 40 feet high with smooth trunk, 8 to 10 inches in diameter, and a dense crown of circular leaves, 3 to 4 feet in diameter, divided nearly to the base into narrow plicate segments. The moderately hard light-colored wood is occasionally used for light construction work; the leaves are used for baskets; and the unexpanded fronds, after being dipped in boiling water, are dried, shredded, and the fiber is used in making hats resembling Panama hats.

For previous introduction see 80186.

97918. THRINAX sp.

No. 3689. Collected March 4, 1932, near Georgetown, British Guiana. A graceful palm with brilliant white fruit the size of marbles.

97919 to 97922. APIUM spp. Apiaceae.

From France. Seeds presented by Prof. D. Bois, Museum of Natural History, Paris. Received March 12, 1932.

97919. APIUM AMMI Urban.

A tropical annual with fusiform roots and either caespitose or with a branched stem 2 or 3 feet high. The leaves vary from linear to lacinate, and the small white flowers are in small umbels. Native to Brazil.

97919 to 97922—Continued

97920. APIUM GRAVEOLENS L. *Celery*.

Introduced for the use of Department specialists.

97921. APIUM NODIFLORUM Reichenb. f.

A perennial native to fields and open places in western Germany. The stem of this species does not take root at the internodes.

97922. APIUM REPENS Reichenb. f.

A perennial herb with coarsely pinnately cut leaves. The stem develops roots anywhere along the internodes. Native to swampy places in northern Germany.

97923. LONCHOCARPUS NICOU (Aubl.) DC. Fabaceae. *Nicou*.

From Peru. Roots presented by William J. Dennis, Des Moines, Iowa. Received March 22, 1932.

A woody vine, climbing to the tops of trees, with alternate compound leaves made up of about seven ovate sharp-pointed leaflets and axillary spikes of pea-shaped purple flowers. It is native to Guiana and Peru, where the roots are used as fish poison.

For previous introduction see 83328.

97924 to 97941.

From the West Indies and the Guianas. Seeds and scions collected by David Fairchild and P. H. Dorsett, agricultural explorers, Bureau of Plant Industry, with the 1931-32 Allison V. Armour expedition. Received March 14, 1932.

97924. ALPINIA EXALTATA (L. f.) Roem. and Schult. Zinziberaceae.

No. 3676. March 3, 1932. Purchased in the market at Paramaribo, Surinam. The purplish-brown fruits of this plant are used to flavor curry sauce and to give it its yellow color. The flavor is superior to that of turmeric.

97925. ANANAS SATIVUS Schult. f. Bromeliaceae. *Pineapple*.

No. 2903. Purchased in the market at Georgetown, British Guiana, February 24, 1932. A long rather slender sugar-loaf shaped pineapple of a rather inferior flavor. Introduced for breeding purposes.

97926. ASYSTASIA GANGETICA (L.) T. Anders. Acanthaceae.

No. 2064. Collected at the Botanic Garden, Demerara, Georgetown, British Guiana, February 24, 1932.

For previous introduction and description see 97255.

97927 to 97930. CITRUS spp. Rutaceae.

97927 and 97928. CITRUS GRANDIS (L.) Osbeck. *Grapefruit*.

97927. No. 3662. Scions and seed collected in the Javanese village of Lelydorp, near Paramaribo, Surinam, March 4, 1932. Very large pear-shaped fruits with thick skin, pink flesh, and pink partitions.

97928. No. 3663. Collected near Lelydorp, Surinam, March 4, 1932. Scions of a red-fleshed Javanese variety which is said to be sweeter than the variety sent in under 3662 (97927).