

97539 to 97553—Continued

97540. ARECA CATECHU L. **Betel palm.**

No. 2802. Collected on Grenada, February 9, 1932. The betel palm is considered one of the most graceful, bearing at the top of its trunk, 40 to 100 feet high, a large crown of pinnately divided leaves 4 to 6 feet long, the lowest usually pendulous. The ovoid smooth fruits, 1 to 2 inches in diameter, are orange yellow or scarlet, and furnish the well-known betel nut. It is native to southeastern Asia.

For previous introduction see 81583.

97541. PTYCHOSPERMA sp.

No. 2798. Collected at Grenada, February 10, 1932. A handsome cluster palm which has pinnate leaves with obliquely truncated pinnae. The slender stems rising from a common base make this, if possible, even more attractive than the yellow palm, *Chrysalidocarpus lutescens*.

97542. ATTALEA COHUNE Mart. **Cohune.**

No. 2746. Collected in the Botanic Garden of St. Vincent, Windward Islands, February 4, 1932. A magnificent feather-leaved palm, native to the West Indies and Central America, which reaches a height of 40 feet, with leaves about 20 feet long, produced abundantly at the top of the trunk. The yellowish flowers are borne very freely, and the ovoid fruit, 2 to 3 inches long, contains the seed or nut which yields an oil of considerable value, as it is of high quality, and finds a ready sale for cooking purposes.

For previous introduction see 92891.

97543. ATTALEA SPECTABILIS Mart.

No. 2840. Collected in the Botanic Garden, Port-of-Spain, Trinidad, February 13, 1932. A nearly stemless palm with large pinnate erect or spreading leaves up to 20 feet long. It is native to the banks of the Amazon in Brazil.

For previous introduction see 80175.

97544. TILMIA sp.

No. 2735. Collected February 2, 1932 in the Botanic Garden at Bar de l'Isle, St. Lucia, Windward Islands. A slender spiny feather palm over 20 feet high which grows in the high altitudes of the mountain crests on the island of St. Lucia.

97545. PTYCHOSPERMA sp.

No. 2838. Collected February 13, 1932 near the Government House in the Botanic Garden, Port-of-Spain, Trinidad. A spineless feather palm which forms clumps 9 feet high and has dark-red fruit.

97546. CYRTOSTACHYS RENDA Blume.

No. 2834. From Port-of-Spain, Trinidad, February 15, 1932. Presented by Mrs. Pitt, daughter of Eugene André, orchid hunter and explorer of the Orinoco. *Sealing waw* palm. A handsome palm with scarlet leaf sheaths. A Sumatran palm of stately habit, about 25 feet high, with a slender spineless trunk crowned by a graceful cluster of pinnately divided leaves.

For previous introduction see 93406.

97539 to 97553—Continued

97547. LIVISTONA ALTISSIMA Zoll.

No. 2799. Collected February 10, 1932, in the Botanic Garden, Grenada, Grenadine Islands. A graceful palm, native to the East Indies, up to 80 feet high, with fan-shaped leaves. The hardwood is valued by the natives of the East Indies for construction work.

For previous introduction see 90802.

97548. LIVISTONA ROTUNDFOLIA (Lam.) Mart. **Java fan palm.**

No. 2800. Collected in the Botanic Garden, Grenada, February 10, 1932. An erect pinnate-leaved palm, native to tropical Asia, about the same size as the coconut palm. The hard durable wood is used for general construction.

For previous introduction see 93413.

97549. TILMIA sp.

No. 2829. Collected February 13, 1932, on Trinidad. A slender palm with pinnate leaves whose pinnae are ornately truncate. The trunk and leaf petioles are covered with dark-red spines.

97550. ROYSTONIA BORINQUENA O. F. Cook. **Puerto Rico royal palm.**

No. 2839. Collected February 13, 1932, at Port-of-Spain, Trinidad. A much shorter and more robust palm than either *R. regia* or *R. oleracea*, with a smaller seed than either.

97551. ROYSTONIA OLERACEA (Jacq.) O. F. Cook.

No. 2837. Collected in the Botanic Garden, Port-of-Spain, Trinidad, February 13, 1932.

For previous introduction and description see 97286.

97552. SABAL GLAUDESCENS Lodd. **Palmetto.**

No. 2801. Collected February 10, 1932, in the Botanic Garden, Grenada, Grenadine Islands.

For previous introduction and description see 97290.

97553. JESSENSIA OLIGOCARPA Griseb. and Wendl.

No. 2833. A tall, handsome, slender feather palm, 35 to 40 feet high, related to Euterpe. The dark-brown fruits are oval. The tree thrives on rather poor soil and seems to prefer the shade. It may be suitable as a house plant.

97554 to 97557. PYRUS spp. **Malaceae.**
Pear.

From India. Scions presented by His Highness Government, Jammu and Kashmir, Kashmir Province, Srinagar, through M. R. Foidar, assistant director of horticulture. Received February 25, 1932.

Strains of the *Williams* pear, introduced into India from France, obtained for the use of Department specialists.

97554. PYRUS sp.

Williams.

97555. PYRUS sp.

Williams; early. This is said to be the same as the Bartlett.

97556. PYRUS sp.

Williams; medium. A midseason variety resembling the Bartlett.