

54521 to 54523—Continued.

54523. MELICocca BIJUGA L. Sapindaceæ. Mamoncillo.

"No. 2. Seeds collected September 22, 1921. A tall fruit tree, very popular among the better classes of Panamanans. These fruits came from the market of Panama and are not as fine as those from Samuel Lewis's large tree."

For previous introduction, see S. P. I. No. 54521.

54524. AEsculus TURBINATA Blume. Æsculaceæ.
Japanese horse-chestnut.

From Rochester, N. Y. Seeds presented by John Dunbar, Assistant Superintendent of Parks, Rochester, N. Y. Received October 10, 1921.

"This is a rare tree in this country and in Europe." (*Dunbar.*)

A Japanese horse-chestnut up to 100 feet high with bright deep-green leaves sometimes 27 inches long, which turn clear golden yellow in the autumn. The erect, slender pyramidal panicles, nearly a foot long, are composed of creamy white flowers with petals center blotched with yellow turning pink with age. The tree is distinguished from the familiar European *Aesculus hippocastanum* by the smaller, warty, not spiny capsules 2 inches in length and width and by the finely and more evenly toothed edges of the leaflets. (Adapted from *Curtis's Botanical Magazine*, pl. 8713.)

54525. DATURA LEICHHARDTH F. Muell. Solanaceæ.

From Brisbane, Queensland, Australia. Seeds presented by C. T. White, Government botanist. Received October 7, 1921.

A tall coarse annual, 1 to 3 feet high, with ovate leaves 3 to 4 inches long and pale yellowish white flowers 2 inches long. The reflexed, globular capsule, an inch in diameter, is very prickly. Native to North Australia and Queensland. (Adapted from *Bentham, Flora Australiensis*, vol. 4, p. 468.)

54526. MANGIFERA INDICA L. Anacardiaceæ. **Mango.**

From Port of Spain, Trinidad, British West Indies. Plants presented by R. O. Williams, curator, St. Clair Experiment Station. Received October 10, 1921.

"*Père Louis* is a dwarf-growing variety, fruiting early. The plant from which the budwood was taken is a round-headed dwarf tree, furnished with branches to the ground. I remember receiving the *Père Louis* in Demerara, from St. Lucia, and this had much the same habit. I think that the dwarf, early-fruiting habit is inherent. I do not think that the stocks used have anything to do with it, because they are taken indiscriminately and when sufficiently large are grafted upon." (*J. F. Waby, acting curator.*)

"The *Louis* bears very young, has no fiber nor any sourness at the core, and the flavor is nearly as good as that of the *Julie*, which is the best for flavor I have ever eaten." (*O. W. Barrett.*)

54527 and 54528.

From Panama. Seeds collected by Dr. David Fairchild, Agricultural Explorer in Charge of the Office of Foreign Seed and Plant Introduction. Received October 4, 1921. Quoted notes by Doctor Fairchild.

54527. ANNONA MURICATA L. Annonaceæ. **Soursop.**

"Seeds procured September 17, 1921, from an unusually large, presumably fine-flavored fruit of the guanabana, *Annona muricata*. I am not sufficiently familiar with the varieties of this fruit to say whether this was really superior to others which may have been already introduced. The fruit was at least 15 inches long and about 8 inches in diameter, and the flavor could not be very well estimated, because the fruit was picked while green, but Samuel Lewis, who gave me the fruit, assured me it was one of the best varieties he had seen."