

tree and fruit-bud, it appears worthy of more extended trial in Central and Northern Iowa as an early winter or midwinter apple for the home orchard. On the college grounds the variety has made a record for hardiness of fruit bud, having yielded pretty good crops during the season of 1907-08 when many other varieties yielded little or no fruit because their blossom-buds or blossoms were killed by the late freezes." (S.A. Beach.)

**MALUS DIVERSIFOLIA.** 25630. Crab-apple native to Alaska. For distribution by Upper Mississippi Plant Introduction Garden, Ames, Iowa.

**MANGIFERA INDICA.** 25659. From province of Baliwag, Philippine Islands. Presented by Mr. Donald MacIntyre. Received June 19. Caraboa. The fruit of this is a little smaller than the one from Cavite. (No. 24927.) For propagation; plants available later.

**MANIHOT DICHOTOMA.** 25507. From Bahia, Brazil. Presented by Mr. Stevenson, Agent of the Royal Mail Co. Received May 25. "A tree native of the mountainous regions between the Rio Paraguassu and the Rio de Contas in the eastern part of the province of Bahia, in Brazil. The tree composes about half of the forests on many of the slopes of the mountains in its native region and furnishes about four to five hundred tons of rubber each year. The plant has only been known since 1901 and the cultivated plantations are just ready to be tapped for the first time." For propagation; plants available later.

**MILLETTIA FERRUGINEA.** 25635. From Eritrea, Africa. Presented by Prof. T. Batorate. Received June 1. A large tree found in Abyssinia. The powdered seeds are thrown into the water to stupefy fish, and the tree also furnishes a poison for arrows. For propagation; plants available later. (Leguminosae.)