

49459 to 49471—Continued.**49468. ZEA MAYS L. Poaceæ.****Corn.**

"(No. 312. Kafue. December 4, 1919.) This corn is grown by the natives south of the Kafue River and is said to be a small early-maturing type. It is planted in December, when the rains come."

49469. (Undetermined.)

"(No. 345. Kafue. December 7, 1919.) A small tree, called *m'seche* in Chimyanja, with very attractive white flowers. The fruit, which has the odor of a lychee, is said to be eaten, and the hulls are used in making rattles for dancing."

49470. (Undetermined.)

"(No. 293. Bolenga Camp. November 25, 1919.) *M'fwefee* (Chimyanja). A small tree said to bear very sweet edible fruits, which are small, oval, and green with white spots."

49471. (Undetermined.)

"(No. 337. Kafue. December 7, 1919.) *M'tantanvara* (Chimyanja). A small black fruit resembling a small wild cherry. It is eaten by the natives and dries on the tree much like our *Prunus melanocarpa*."

49472 and 49473.

From Santiago de las Vegas, Cuba. Seeds presented by Dr. Mario Calvino, Agricultural Experiment Station. Received March 5, 1920.

49472. CARICA PAPAYA L. Papayaceæ.**Papaya.**

"Seed of a variety of *Carica papaya* which I received from the cold regions of Colombia; that is, from high altitudes. I think this variety would grow and fruit in California." (*Calvino*.)

49473. CARICA CANDAMARCENSIS Hook. f. Papayaceæ.

A graceful little tree, native to the Andean region of South America, where it is cultivated up to an altitude of 9,000 feet for the sake of its edible fruit. The fruits are smaller and sweeter than those of *C. papaya*, are about 9 inches long, with soft, white flesh, sometimes very acid in cool regions. The outside is of a bright golden yellow. (Adapted from *Curtis's Botanical Magazine*, pl. 6198.)

49474. PITTOSPORUM CRASSIFOLIUM Soland. Pittosporaceæ.

From San Francisco, Calif. Seeds presented by John McLaren, superintendent, Golden Gate Park. Received March 9, 1920.

"An evergreen tree introduced from Australia, its native land. It is of easy culture, not particular as to soil, and is very effective as a lawn ornamental, either single or in groups; it also makes a good hedge plant. It is propagated by seeds." (*McLaren*.)

Mr. McLaren recommends this shrub as one which will probably endure the sea breeze and salt spray of the Florida coast.

49475. PASSIFLORA EDULIS Sims. Passifloraceæ.**Granadilla.**

From Tangier, Morocco. Seeds presented by J. Goffart. Received March 10, 1920.

"The passion vine is extensively grown in Australia and thrives in the warmer portions of the United States, although not yet well known. The fruit is the size and shape of an egg and contains a pulp of exceedingly good flavor; this is eaten with a spoon after cutting off one end of the fruit. The pulp is also