

56080 to 56117—Continued.

at an altitude of about 8,300 feet. The nuts are very thick shelled and difficult to break and are gathered by the natives for the sake of the oil. There are several varieties which vary in the shape of the nuts, some being oblong, some ovoid, and some globular; all are thick shelled."

56092 to 56099. *MALUS* spp. Malaceae.

Apple.

56092. *MALUS* sp.

"(No. 6687. September 28, 1922.) A large tree with a large crown of ascending branches, found beyond Taipingpu, three days' journey west of Talifu, at an altitude of 8,200 feet. The yellowish green fruits are 2 inches in diameter, fragrant but sour."

56093. *MALUS* sp.

"(No. 6688. September 27, 1922.) A wild apple tree from the Yangpi Mountains, two days' journey from Talifu, where it grows at an altitude of 7,800 feet. The fruits are bright red and yellow, with rather numerous seeds."

56094. *MALUS* sp.

"(No. 6690. September 27, 1922.) A tree 30 feet in height with a trunk 2 to 2½ feet in diameter and straight ascending branches, found wild in red clayey soil all over the ranges between Yangpi and Taipingpu, at an altitude of 8,000 feet. The oblong leaves are dark green above and pale beneath; the very numerous fruits, the size of small apples, are yellowish with a bright reddish tinge, with firm, very fragrant but sour flesh. The tree is exceedingly hardy and free from disease and occurs here where nothing else will grow except the hardy Yunnan pine (*Pinus sinensis*)."

56095. *MALUS* sp.

"(No. 6691. September, 1922.) A peculiar tree with long spreading, drooping branches like a willow, found only along watercourses between Yangpi and Taipingpu, at an altitude of 8,300 feet. The tree was loaded with small oblong fruits less than an inch long and half an inch in diameter, with dull carmine-red skin and very juicy sour flesh. I did not see this species elsewhere."

56096. *MALUS* sp.

"(No. 6696. September 30, 1922.) A fine hardy tree 15 to 20 feet high, which grows wild with *Castanea* sp., in the hills between Huanglienpu and Chutung. The yellowish red fruits are 2 inches in diameter."

56097. *MALUS* sp.

"(No. 6696. September, 1922.) Seeds of the preceding [S. P. I. No. 56096] collected beyond Shiashuichi. The flowers are red."

56098. *MALUS* sp.

"(No. 6698. October 4, 1922.) A tree 20 feet tall which grows wild in the mountains beyond Pingpo, on top of the western ridge of the Mekong Valley, at an altitude of 8,000 feet. The tree was loaded with thousands of dark-crimson, oblong, mealy fruits the size of wild cherries: in fact, the tree could be mistaken at a short distance for a cherry tree. It is a prolific bearer and grows in clay loam mixed with slate."

56099. *MALUS* sp.

"(No. 6713. October, 1922.) A wild apple tree 20 to 30 feet high, sent to me through the kindness of Rev. Mr. Fullerton, of the Szemao Mission: it grows in the mountains near Szemao at an altitude of 5,000 feet or more. The globose fruits are little more than an inch in diameter and are called *toi*."