

49582 to 49612—Continued.

49601. *VIGNA* sp. Fabaceæ.

"(No. 348. December 7, 1919.) This bean looks something like a cowpea, but is apparently a perennial; it was not seen in bloom. It grows 3 to 4 feet high and produces a good crop of beans. Those sent were the first ones to ripen."

49602 to 49604. *XIMENIA AMERICANA* L. Olacaceæ. False sandalwood.

49602. "(No. 301. November 25, 1919). A tree like No. 279 [S. P. I. No. 49250], but collected at Kafue."

49603. "(No. 304. December 4, 1919.) *Impinji*. Apparently the same as No. 301 [S. P. I. No. 49602] and No. 279 [S. P. I. No. 49250], but with slightly smaller fruits. These are fairly edible if skin and stone are both rejected. They look like *Prunus americana*, but are red in color and have a large stone with a 'paper' shell. The pounded seed is prized for its edible oil. Abundant in Nyasaland."

49604. "(No. 305. December 4, 1919.) Same as No. 301 [S. P. I. No. 49602]."

49605. *ZEA MAYS* L. Poaceæ.

Corn.

"(No. 306. December 4, 1919.) Corn, which is said to be small and early, now being planted by the natives on the south side of the Kafue River. The trees are burned down, or chopped and burned afterward, and corn is planted where the soil is richest and where there is least likelihood of trouble from weeds. Termite hills are usually favorite locations."

49606. (Undetermined.)

"(No. 294. Bolenga Camp on the Kafue River. November 25, 1919.) A small tree."

49607. (Undetermined.)

"(No. 298. Bolenga Camp on the Kafue River. November 25, 1919.) Called *m'tingele* by the Chimyanja. A small tree or shrub with a fruit that appears to be a small kumquat, but which is really fleshy outside. It is eaten by some of the natives. The fruit is very good, although the flesh is very thin."

49608. *CANTHIUM LANCIIFLORUM* Hiern. Rubiaceæ.

Maululu.

"(No. 317. December 4, 1919.) Called *maululu* in Chimyanja, and 'plum' or 'fruit tree' by the whites. A small tree, 6 to 10 feet high, with a spreading top. The fruits are green, changing to light brown when ripe; they are somewhat spicy and sweetish and very pleasant after the first taste; each fruit has one or possibly two seeds, from 1 to 1½ inches long. This is regarded by the whites as their best fruit. Green fruits collected one day ripen rapidly and are often good to eat the following day."

Plate VII shows the fruits and Plate VIII the habit of growth of this tree.

49609. (Undetermined.)

"(No. 319. Kafue. December 4, 1919.) *M'pila* (Chinja). A fruit about 2 inches through, which has a hard rind, green with a purple flush on one side; it is filled with seeds, which are surrounded with more or less fibrous pulp; the juice is milky. In flavor it is almost exactly like *Tamarindus*. It is used to make a very pleasant drink."