

46376 and 46377—Continued.

46376. *BAROSMA BETULINA* (Thunb.) Bartl. and Wendl. **Buchu.**

A much-branched shrub with rodlike branches, found on the slopes of the Roodesand Mountains in South Africa. The opposite, cuneate-obovate leaves, about three-fourths of an inch long and half an inch wide, are sharply and closely denticulate on the margin. (Adapted from *Harvey and Sonder, Flora Capensis, vol. 1, p. 393.*)

This and the following species are two of the sources of the buchu leaves used in medicine.

46377. *BAROSMA SERRATIFOLIA* (Curt.) Willd. **Long-leaf buchu.**

An erect South African shrub with angular twigs bearing linear-lanceolate sharply serrulate leaves $1\frac{1}{2}$ inches long and one-fourth of an inch wide. This species has the same medicinal properties as *B. betulina*, but is said to contain less of the essential oil. (Adapted from *Harvey and Sonder, Flora Capensis, vol. 1, p. 393.*)

46378. *CUCURBITA PEPO* L. Cucurbitaceæ. **Pumpkin.**

From San Jose, Costa Rica. Presented by Sr. Carlos Volio, through Mr. C. Wrecklé. Received July 29, 1918.

Seeds of an exceptionally valuable pumpkin introduced for experimental purposes.

46379 to 46381.

From Zamboanga, Philippine Islands. Presented by Mr. P. J. Wester. Received July 30, 1918. Quoted notes by Mr. Wester.

46379. *COIX LACRYMA-JOBI MA-YUEN* (Roid.) Stapf. Poaceæ. **Ma-yuen.**
"Adlay. An edible variety."

46380. *PARKIA TIMORIANA* (DC.) Merr. Mimosaceæ. **Cupang.**
(*P. roxburghii* Don.)

A very large tree found in Timor and the Philippines, often 115 feet high, with a widespreading crown. The fernlike, bipinnate leaves are made up of a large number of very small leaflets. The small white and yellow flowers are borne in dense pear-shaped panicles, and the pendulous black pods are 18 inches long. (Adapted from *Bailey, Standard Cyclopaedia of Horticulture, vol. 5, p. 2474.*)

46381. *PHASEOLUS LUNATUS* L. Fabaceæ. **Lima bean.**

"The *Lamao* Lima. Given the right conditions this variety is very prolific."

46382. *AMPELODESMA BICOLOR* (Poir.) Kunth. Poaceæ. **Grass.**

From Algiers, Algeria. Presented by Dr. L. Trabut. Received August 2, 1918.

A bunch grass with long tough leaves of possible use in paper making.

For previous introduction and description, see S. P. I. No. 33654.

46383. *QUERCUS* sp. Fagaceæ. **Oak.**

From Guatemala. Presented by Mr. E. Reeves, Finca el Tambor, San Felipe, Retalhuleu, at the request of Dr. William Trelease, of the University of Illinois. Received August 8, 1918.