

51022 and 51023.

From Buitenzorg, Java. Seeds presented by the director, Plant-Breeding Station. Received July 3, 1920.

The following seeds were received without description, accompanied only by the native names. Descriptions will not be available until the seeds have been grown.

51022. CUCURBITA PEPO L. Cucurbitaceæ. **Gourd.**
Laboe Batik Lohdor.

51023. LAGENARIA VULGARIS Seringe. Cucurbitaceæ. **Gourd.**
Laboe aer.

51024 and 51025.

From Bogota, Colombia. Seeds purchased from M. T. Dawe. Received July 7, 1920. Quoted notes by Mr. Dawe.

51024. ATTALEA sp. Phœnicaceæ. **Palm.**

"Nuts of the *Mamarrón palm*, from the Magdalena Valley, on the alluvial lands. An important source of vegetable oil in this country."

51025. (Undetermined.)

"Nuts of the *Palma de San Juan*, from the upper parts of the foothills of the Magdalena Valley region. May produce oil of value."

51026. DENDROCALAMUS GIGANTEUS Munro. Poaceæ. **Bamboo.**

From Peradeniya, Ceylon. Seeds presented by H. F. Macmillan, superintendent, Royal Botanic Gardens. Received July 7, 1920.

The tallest of the bamboos, a native of the Malay Peninsula but much cultivated in Burma, where it is known as *wabo* and in Assam as *worra*. It is used in Burma for posts and rafters in house building, for carts, and for joints for pails, boxes, flowerpots, etc. The large culms are often 120 feet long and 25 to 30 inches in circumference. Extra fine culms are cut into short lengths and prepared as umbrella stands.

The rapid growth of this strikingly handsome bamboo was tested in the botanic garden at Buitenzorg, Java, where the plant grew, on the average, 7.7 millimeters per hour by day and 13 millimeters per hour by night. One culm grew 57 centimeters in 24 hours. (Adapted from *Watt, Commercial Products of India*, p. 101, and *Schimper, Plant Geography*, p. 216.)

For previous introduction, see S. P. I. No. 45963.

51027 to 51033.

From San Jose, Costa Rica. Collected by Wilson Popenoe, Agricultural Explorer of the United States Department of Agriculture. Received July 7, 1920. Quoted notes by Mr. Popenoe.

51027. DOLICHOLUS PHASEOLOIDES (Swartz) Kuntze. Fabaceæ.
(*Rynchosia phaseoloides* DC.)

"(No. 397a. June 18, 1920.) Seeds of a slender climber from the mountains near San Pablo Tarrazu, elevation about 5,500 feet. Its trifoliate leaves, which are borne upon slender wiry stems, suggest those of the common bean (*Phaseolus vulgaris*), and its seeds are strikingly similar to those of *Abrus precatorius*, the crab's-eye of the West Indies; they are small, and bright red with a black eye. Of interest chiefly for its seeds."