

43050 to 43060—Continued.

43056. *ATTALEA SPECTABILIS* Mart. Phœnicaceæ. **Palm.**

Ornamental Brazilian palm, stemless or with a very short caudex. The erect or spreading leaves are 18 to 21 feet long; the lower segments are 3 to 4 feet and the upper 12 to 16 inches long. The fruit is about as large as a hen's egg. A native of the banks of the Amazon. (Adapted from *Bailey, Standard Cyclopedia of Horticulture, vol. 1, p. 428.*)

43057. *BULNESIA ARBOREA* (Jacq.) Engl. Zygophyllaceæ.

"*Guayacan.* One of the principal trees of this region; wood hard, durable; 60 to 70 feet high, 24 inches in diameter. Flowers yellow. Timber weathers, being used for railroad ties, which are not expensive. Magdalena River above Calamar, March 25, 1916."

43058. *ASTROCARYUM* sp. Phœnicaceæ. **Mat palm.**

"*Palma estera.* Common palm of the forest, Tierras de Loba, Bolivar, Colombia. Seeds with an edible coating and will probably yield a commercial oil. Plants with huge ornamental fronds, 20 feet or more in length, glossy green above, glossy or silvery white beneath. Entire plant covered with sharp black spines. This palm has practically no stem. Suitable only for planting in moist localities or greenhouses."

43059. *CANAVALI ENSIFORME* (L.) DC. Fabaceæ. **Jack bean.**

"From Tierras de Loba, Bolivar."

"In Porto Rico the jack bean has been found very useful as a green-manure and cover crop in citrus groves. Its bushy habit makes it especially desirable, as it does not interfere by climbing the trees, while its dense, vigorous growth shades the ground during the heat of summer and provides abundant vegetable matter to add to the soil. Its successful utilization as green feed in Hawaii encourages the belief that it may be found equally valuable in this country, especially in Texas and Oklahoma, where its great drought resistance gives it particular promise." (*C. V. Piper, in Bureau of Plant Industry Circular 110, p. 33.*)

43060. *GOSYPIUM* sp. Malvaceæ. **Cotton.**

"*Barranquilla* cotton. Common cotton from a small plantation on the banks of the Magdalena River in the vicinity of Mompos. This seed was probably distributed by the Department of Agriculture of Colombia. Plants 4 to 6 feet in height and full of fruits and flowers at the time of collection, June, 1916."

43061 to 43069.³ *RAPHANUS SATIVUS* L. Brassicaceæ. **Radish.**

From Yokohama, Japan. Purchased from the Yokohama Nursery Co. Numbered August 4, 1916.

43061. *Thirty Days.*

43065. *Bottle.*

43062. *Miyashige.*

43066. *Sakurajima Mammoth.*

43063. *All Seasons.*

43067. *Shogoin.*

43064. *Ninengo.*

43068. *Nerima.*

43069. "*Long String.* This is a sort of Japanese radish, and the peculiarity of this variety is that it grows over 3 feet long with a circumference of 2 to 3 inches. A most suitable variety for pickling purposes." (*Yokohama Nursery Co., Catalogue, 1916, p. 77.*)

³ See footnote, p. 9.