

47868 and 47869.

From Para, Brazil. Presented by Dr. J. Simao da Costa. Received July 3, 1919.

47868. *GUILIELMA SPECIOSA* Mart. Phœnicaceæ. **Palm.**
(*Bactris gasipaes* H. B. K.)

"*Pupunha*. Seeds of our *Guilielma speciosa*. The trees grow in clusters and are very graceful. The fruit, borne in large bunches, is edible. The natives prefer to boil it and eat it with cane sirup, but Europeans domiciled here have learned to eat the fruit boiled like the ordinary side dishes composed of all sorts of vegetables, as potatoes, yams, etc. The seeds yield an oil of very good quality, but in such small proportions that no one has ever attempted its extraction on a commercial scale." (*Da Costa*.)

For an illustration of this tree, see Plate I.

47869. *MAURITIA ARMATA* Mart. Phœnicaceæ. **Palm.**

"*Carana*. Seeds of *Mauritia armata*, from the fleshy pericarp of which a wine is made. The inner portion is a vegetable ivory as hard as that from *Phytelephas macrocarpa*. As the fruit is very small the buttons made are also much smaller than can be made from other vegetable ivories." (*Da Costa*.)

47870 and 47871.

From Bogota, Colombia. Presented by Mr. M. T. Dawe. Received July 7, 1919.

47870. *ACHRADELPHA MAMMOSA* (L.) O. F. Cook. Sapotaceæ. **Sapote.**
(*Lucuma mammosa* Gaertn.)

"A rich-colored variety of sapote, which is also of excellent flavor." (*Dawe*.)

47871. *ANNONA MURICATA* L. Annonaceæ. **Soursop.**

"This is a yellow-seeded form and may be a distinct species." (*W. E. Safford*.)

47872. *PHASEOLUS VULGARIS* L. Fabaceæ. **Common bean.**

From Trujillo, Peru. Presented by Mr. A. M. Lynch. Received July 7, 1919.

Nuña. Seeds white, nearly spherical, about three-eighths of an inch in diameter.

47873. *PHASEOLUS VULGARIS* L. Fabaceæ. **Common bean.**

From North Rose, N. Y. Presented by Mr. O. S. Weed. Received July 7, 1919.

"In 1917 I made several crosses between the blightless *Red Kidney*, *Marrow*, *Pea* bean, and *Yellow Eye*. In 1918 I again planted these crosses and the results were really marvelous in the vast numbers of peculiar beans obtained. I am sending you a few of the hybrids." (*Weed*.)