

47304 to 47308. *ELAEIS GUINEENSIS* Jacq. Phœnicaceæ. **Oil palm.**

From Buitenzorg, Java. Presented by Dr. P. J. S. Cramer, chief, Plant-Breeding Station. Received March 24, 1919. Quoted notes by Dr. Cramer.

"The oil palms I introduced here commenced to fruit when I had not yet my own garden in Sumatra at my disposition. I have planted in several Government rubber estates, where no other oil palms are in the neighborhood, plats of 5 to 10 palms, each plat descending from one seed bearer."

47304. "Variety *Bonga*. 423 K. W."

47305. "No. 1. Variety *Nsombo* C. 424 A. IV."

47306. "No. 1. Variety *Buinde* C. 426. M. III."

47307. "No. 1. Variety *Nsombo* B. (Gellet.) 102 K. W."

47308. "No. 3. Variety *Nsombo* B. (Gellet.) 102 K. W."

47309. *ILEX PARAGUARIENSIS* St. Hil. Aquifoliaceæ. **Yerba maté.**

From Asuncion, Paraguay. Presented by Mr. C. F. Mead, Porto Murtinho, Matto Grosso, Brazil. Received March 28, 1919.

"This seed has been in Asuncion for two years and it may be past its germinating stage. In this case, if it will not serve, I can probably get you a supply of the yerba of Brazil, which, as far as plant and seed are concerned, is of the same class, though the same can not be said of the prepared yerba." (*Mead.*)

For previous introduction, see S. P. I. No. 46891.

47310. *SOLANUM SCALARE* C. Wright. Solanaceæ.

From Cairo, Egypt. Presented by Mr. F. S. Walsingham, Gizeh Branch, Ministry of Agriculture. Received March 29, 1919.

A shrubby solanum found along streams on the west coast of Africa from Sierra Leone to Pungo Andongo. The stem, the leaves, and the outside of the flowers are covered with stellate pubescence. The ovate-oblong leaves have undulate margins and the white or violet flowers, half an inch across, are borne in racemose clusters of about ten. The fruits are smooth, shining red, globose berries, about half an inch in diameter. (Adapted from *Thiselton-Dyer, Flora of Tropical Africa, vol. 4, sec. 2, p. 224.*)

47311 to 47314. *DATURA* spp. Solanaceæ.

From Ecuador. Collected by Dr. J. N. Rose, associate curator, U. S. National Herbarium, Washington, D. C. Numbered in March, 1919. Quoted notes by Dr. Rose.

47311. *DATURA* sp.

"(No. 23553. Seeds obtained in the American Legation at Quito.) A shrub, 10 feet high, with large orange-colored flowers. This plant is cultivated in parks at Quito and is very attractive."

47312. *DATURA* sp.

"(No. 22828. Collected at Cuenca. September, 1918.) A bush, 8 to 10 feet high, with rather small red flowers which are 5 or 6 inches long; the calyx and corolla lobes have long, acuminate tips."