

47964. ORYZA SATIVA L. Poaceæ.**Rice.**

From Vercelli, Italy. Presented by Dr. Novello Novelli, director, R. Stazione Sperimentale di Riscicoltura e delle Coltivazioni Irrigue. Received August 21 and 26, 1919.

"*Precoce dellarole.*"

Procured for the use of the rice specialist of the Bureau of Plant Industry.

47965 to 47967.

From Belem, Para, Brazil. Presented by Dr. J. Simão da Costa. Received August 22, 1919.

47965. OENOCARPUS BATAUA Mart. Phœnicaceæ.**Palm.**

A tall, majestic tree with a large smooth trunk, generally distinctly ringed; the leaves are terminal, pinnatisect. with linear segments; the spadices spring from beneath the leaves and are simply branched; the spathe is large, fusiform, and woody and falls off as soon as the spadix escapes from it; the flowers are monoëcious, and the fruit is nearly globular, 1-seeded, with an edible covering. All species of this genus afford oil and "yukissé" (palm-drink) from the fruits, and they are also used for various other purposes. The leaves serve as a thatch, and from the nerves of the decayed petioles the Indians make arrows for their blowpipes. The oil is colorless and sweet and excellent not only for lamps but for cooking. The shopkeepers of Para buy these oils of the Indians and mix them in equal proportions with olive oil, retailing the whole as olive oil, from which indeed it can scarcely be distinguished even by the best judges. For frying fish this oil is equal either to olive oil or butter. Native to the Amazon Valley at an altitude of not more than 1,600 feet above the level of the sea. (Adapted from *Seemann, Popular History of the Palms, p. 270.*)

47966. VIROLA SEBIFERA Aubl. Myristicaceæ.**Ucuúba.**

"A tree inhabiting the lowlands of the Lower Amazon, which produces in June and July a fruit about the size of a cherry with a brown paper-thin shell. This fruit contains an abundance of oil and stearin, and since each tree produces about 2 barrels of nuts a week during the fruiting season, there seems to be here a promising source of soap material. The timber also is valuable, being hard and dense and reddish brown in color, almost like mahogany." (*Lange, Lower Amazon, pp. 34, 407, 467.*)

47967. VOUACAPOUA AMERICANA Aubl. Fabaceæ.

(*Andira excelsa* H. B. K.)

"A tree found in the lower Amazon region, which yields timber of excellent quality. It is also called Amazon wood." (*Lange, Lower Amazon, pp. 88, 461.*)

47968 to 47972.

From Puerto Bertoni, Paraguay. Presented by Dr. Moises S. Bertoni. Received August 22, 1919. Quoted notes by Dr. Bertoni.

47968. BRITOA SELLOWIANA Berg. Myrtaceæ.

"Native name in Guarani, *Nyandu-apihsa*; in Portuguese, *Siete Capotes*. A well-known little fruit tree, very productive."