

44116. FICUS PADIFOLIA H. B. K. Moraceæ.

From El Coyolar, Costa Rica. Presented by Mr. Carlos Wercklé. Received January 29, 1917.

"This tree differs completely from the rest of the genus in its superb form. It is very large and very dense and of an exceptionally beautiful color. It is evergreen, while nearly all the other species are bare for a longer or shorter time during the dry season. The fruit is apparently very much liked by birds, and the trees are always full of little parrots. Plant in fibrous fern peat or in turf with a little old mortar (ground) and a little charcoal dust or in common vegetable peat with ground mortar (sand and lime) and charcoal dust." (Wercklé.)

44117. LYCOPERSICON ESCULENTUM Mill. Solanaceæ. Tomato.

From Lima, Peru. Presented by Mr. E. E. Wright, at the request of Mr. W. G. Bixby, Brooklyn, N. Y. Received February 16, 1917.

"Cultivated Peruvian tomato from Lurin Valley." (Wright.)

44118. RHYNCHOSIA sp. Fabaceæ.

From El Coyolar, Costa Rica. Presented by Mr. Carlos Wercklé. Received January 29, 1917.

"*Yellow vetch*. A small blooming annual forage plant, growing now in the dry season, while the *yellow sensitiva* [S. P. I. No. 44113] is completely dried. After the *yellow sensitiva*, our best soil enricher." (Wercklé.)

44119. PSYCHOTRIA BACTERIOPHILA Valet. Rubiaceæ.

From Buitenzorg, Java. Roots presented by Mr. P. J. S. Cramer, chief, Plant Breeding Station. Received February 14, 1917.

A shrub, 2 to 3 meters high, native of the Comoro Islands; Madagascar. The elliptic or ovate-oblong, fleshy, dark-green leaves are short petioled and usually thickly covered with little tubercles formed by bacteria. The greenish white flowers are in numerous dense thyrses up to 3 inches long, and the fruits are subglobular drupes about a quarter of an inch in diameter. (Adapted from Valetton, *Icones Bogorienses*, vol. 3, pl. 271.)

See also S. P. I. No. 44295 in this inventory for notes on these bacterial leaf nodules in the Rubiaceæ.

**44120 to 44122. CHAYOTA EDULIS Jacquin. Cucurbitaceæ.
(*Sechium edule* Swartz.) Chayote.**

From Funchal, Madeira. Presented by Mr. J. E. Blandy. Received February 12, 1917.

"*Pipinella* or *chu-chu*." (Blandy.)

44120. Large smooth green.

44122. Large smooth white.

44121. Medium spiny green.

44123 to 44126.

From Cairo, Egypt. Presented by the director, Horticultural Division, Ministry of Agriculture, Gizeh Branch. Received January 5, 1917.

44123. CASSIA BICAPSULARIS L. Casalpiniaceæ.

A shrub, found throughout tropical and subtropical South America and cultivated in tropical Asia. 2 to 3.5 meters high, with compound