

54269 to 54281—Continued.

54280. "(No. 624. Ibarra, Ecuador. June 13, 1921.) A slightly different variety."

For previous introduction, see S. P. I. No. 53995.

54281. *VACCINIUM FLORIBUNDUM* H. B. K. Vacciniaceæ. **Mortiño.**

"(No. 621. Ibarra, Ecuador. June 13, 1921.) Plants of *mortiño* from Hacienda La Rinconada, Province of Carchi, Ecuador, at an altitude of about 11,500 feet. A very abundant indigenous plant throughout the Ecuadorian highlands at altitudes between 10,000 and 12,000 feet. It is not cultivated. The fruit is sometimes brought into the markets of Andean villages. In some parts of the country its ripening season, March to August, is the occasion for picnics in the campo, the inhabitants of the towns and villages betaking themselves to the páramos, where this plant grows abundantly, to gather and eat the fruit.

"The *mortiño* is a slender, handsome shrub about 6 feet high (often lower than this), with very small elliptic to ovate-acute, finely serrate leaves crowded on the stems, and small bell-shaped deep-pink flowers produced in great abundance. The fruit is roundish, up to about one-third of an inch in diameter, deep glaucous blue, juicy, subacid and pleasant to the taste, and containing several very small seeds. It greatly resembles some of the blueberries of the United States and could probably be developed by cultivation into a much more valuable fruit than it is to-day."

54282 to 54296. *ORYZA SATIVA* L. Poaceæ.**Rice.**

From Saigon, Cochín China, French Indo China. Seeds presented by M. E. Carle, director, Laboratoire de Genétique, Institut Scientifique de l'Indochine. Received September 13, 1921. Notes adapted from Bulletin Agricole, de l'Institut Scientifique de Saigon, vol. 2.

54282. *Bóng-chanh*. An excellent variety of the Gocong type with a growing period of 202 to 234 days, and a yield (February 17 to 25) of 1,726 to 2,667 kilograms per hectare (1,539 to 2,375 pounds per acre). Originated at Dinhthoi (Cantho). (P. 42.)

54283. *Bóng-dua*. A good variety of the Gocong type, yielding in 183 to 235 days (February 17 to 25) 1,664 to 3,600 kilograms per hectare (1,484 to 3,211 pounds per acre). From Saigon. (P. 42.)

54284. *Bóng-sen*. A fine variety of the Gocong type originated in the neighborhood of Cantho with a growing period of 162 to 215 days, and a yield of 2,360 to 3,850 kilograms per hectare (2,105 to 3,434 pounds per acre). (P. 42.)

54285. *Cadung Baria*.

54286. *Cadung Gocong*. A fine grain of the Gocong type from the Seed Selection Laboratory, with a growing period of 152 days, maturity January 30, and a yield of 1,652 kilograms per hectare (1,470 pounds per acre). (P. 43.)

54287. *Hučky*. A variety of American production, with a round dense grain of the Gocong type, maturing in 166 to 230 days from date of sowing. The yield varies from 1,200 to 3,851 kilograms per hectare (1,070 to 3,040 pounds per acre).

The plant grows vigorously to a height of 1.4 to 1.6 meters (5 feet) and fruits abundantly. This nonshattering variety has proved resistant to disease and drought which greatly reduced the yield of other varieties. The head is 23 to 25 centimeters (9 to 10 inches) long, and the shelled grains are large, regular, and white. It has been given superior ranking over Spanish rice. (Pp. 43 and 75.)

54288. *Lu-phung-tien*. A variety of the Gocong type sent out from Saigon, with a growing period of 180 to 208 days, maturity January 18 to February 15, and yields of 2,321 to 2,967 kilograms per hectare (2,070 to 2,646 pounds per acre). (P. 42.)