

zales, at the Hacienda Carpuela, at an altitude of 5,300 feet. This is a good-sized Mexican avocado of excellent quality. The seed is relatively quite small, and the tree is said to be very productive. The form of the fruit is obovoid, the color purple. Commonly it weighs about 9 ounces. The variety is well worthy of a trial in California, and in the cooler avocado-growing regions of Florida."

*Rubus* spp. (Rosaceae), 54279 and 54280. From Ibarra, Ecuador. Plants collected by Mr. Wilson Popenoe, agricultural explorer. Quoted notes by Mr. Popenoe.

54279. "No. 623. 'Mora común.' From the Hacienda La Rinconada, in the province of Carchi, at an altitude of about 11,000 feet. This is a very vigorous *Rubus*, forming large clumps up to 15 to 18 feet high. Its stout canes are thickly clothed with short, stiff, bright maroon-colored hairs, while its leaves are formed of five leaflets 3 to 4 inches long. The white flowers are produced in large, loose clusters which are sometimes more than a foot in length, and are followed by an abundance of oval, deep purple fruits about three-quarters of an inch long. The seeds are moderately large, but not very troublesome in the mouth. The flavor is practically the same as that of the cultivated blackberry of the North, and the quality is good. Because of its productiveness as well as this latter feature, the species is worthy of a trial in the southern and western United States."

54280. "No. 624. 'Mora blanca' (white blackberry), from the Hacienda La Rinconada, Province of Carchi, where it occurs as a wild plant, at altitudes of about 11,000 feet. This species of *Rubus* is low-growing, half-shrubby in habit, sending up canes to a height of 6 to 8 feet. The stems are light green, covered with short stiff hairs; the leaves are composed of five smooth leaflets 3 to 4 inches long. The white flowers, about an inch broad, are borne in many-flowered clusters up to a foot long. The fruits are abundantly produced; they are oblong to oval, up to three-quarters of an inch long, and cream-white when ripe. The seeds give little trouble when the fruit is eaten. The flavor of this excellent berry is sweet and pleasant; the species is, in fact, one of the most interesting and promising of all the forms of *Rubus* I have