

soon as its value became known to tanners. It would be especially valuable for fancy leathers." (Shantz.)

Quillaja braziliensis (Rosaceae), 48686. **Quillay** or **jabon de palo**. From Montevideo, Uruguay. Seeds presented by Sr. Luis Guillot, Dirección General de Paseos Públicos. A Brazilian tree, 6 to 8 meters high, with an erect trunk and an open crown. The alternate leaves are oblong-lanceolate and the white flowers are in distinct corymbs. The fruit is formed by five capsules in radiating arrangement, with numerous compressed and winged seeds. The regular shape and very leafy crown make it a striking ornamental, especially when it is in flower. The bark and wood cut into chips form articles of commerce, from which are extracted salt and mucilage constituents which are used in the saponification of greasy substances. (Adapted from Arechavaleta, Flora Uruguaya, vol. 1, p. 451.)

Rubus sp. (Rosaceae), 48751-52. **Blackberry**. From Bogota, Colombia. Seeds and plants purchased from Mr. F. L. Rockwood. "This berry is not in clusters like the common berry, but on the end of a branch like a rose. There are always several together; they bring the bush down with weight. Some of the berries are over two inches long when ripe. One berry, which measured two and one-half inches, dropped to pieces while we were bringing it out of the forest. These berries are developed where there is constant moisture, clouds against the mountains, and a temperature of 65°F. to 68°F. They grow in abundance near Purification, Tolima, where they are pressed for a juice which is claimed to have medicinal properties for curing blood diseases. The line of mountains from Cibate to Fusagusaga, about 9,000 feet elevation, is very prolific in blackberry plants; these do not grow above the coffee line." (Rockwood.)

Notes on Behavior of Previous Introductions.

A letter received January 14, 1920, from Mr. Herman Schrader, Berryville, Ark., contains the following: "I have been very successful with the plants received from your Office. The Chinese dwarf lemon, *Citrus limonia*, S. P. I. No. 23028, bore 6 large fruits; one of these made 2 pies. I keep the plants in my greenhouse in the winter and set the pots outdoors in the summer. Many people come to see these lemons."