

## 38548 to 38567—Continued. (Quoted notes by Mr. O. F. Cook.)

38548. SOLANUM MURICATUM Aiton. Solanaceæ. Pepino.

"June 6, 1914. Antigua, Guatemala."

"According to Wercklé, the unripe fruits of this species under the name *pepino mango* are eaten cooked like pumpkins, and when ripe form a very good salad. It appears to be native to Guatemala, but in Costa Rica, where it is also called *manguena*, it is met with only in a state of cultivation." (*Pittier, Plantas Usuales de Costa Rica.*)

Cuttings and rooted plants.

38549 to 38564. PERSEA AMERICANA Miller. Lauraceæ. Avocado.  
(*Persca gratissima* Gaertn. f.)

38549. "No. 1. From Antigua, Department of Sacatepeques, Guatemala. Cuttings from a large spreading tree, 35 feet high, growing behind the Hotel Casa de Rojas. Altitude 5,000 feet. At this time (June 6) the tree carried a large crop of mature fruit. The fruit was large (3½ inches in diameter), round, and hard shelled. The outer skin was smooth and of a pleasing dark-green color. The flesh was thick, firm, pale yellow near the seed, becoming yellowish green toward the surface. Flavor excellent. Seed medium large."

## 38550 to 38564.

Hard-shelled avocados from the market, city of Guatemala, Guatemala.

38550. "No. 1. Round type, 10 cm. long by 9 cm. in diameter. Surface green, smooth. Shell thick. Flesh firm, pale yellowish green near seed, becoming darker toward surface. Seed large."

38551. "No. 2. Round green type with rather smooth outer surface thick; tough shell. Flesh pale, whitish, firm; seed large. Fruit measured about 10.5 cm. long by 9.5 cm. in diameter."

38552. "No. 3. Fruit had thick flesh of a bright-yellow color, much superior in attractiveness to Nos. 1 and 2 [S. P. I. Nos. 38550 and 38551]. Fruit measured 10.5 cm. long by 9.5 cm. in diameter, shell less than 2 mm. thick, but fairly firm. Outer surface rather smooth. Seed smaller than Nos. 1 and 2.

38553. "No. 4. Fruit with very rough outer surface, green, slightly longer than broad. Flesh superior to any of the others. Shell thick and hard. Seed rather small. Fruit measures about 10.5 cm. long by 9.5 cm. in diameter."

38554. "No. 5. Fruit round, green, very rough-skinned, shell extremely hard and thick (4 to 5 mm.). Flesh pale greenish white around seed, becoming darker toward outer shell. Seed rather large. Fruit measured about 8.5 cm. long by 9 cm. wide. Flat on both ends."

38555. "No. 6. Fruit green, rather smooth on surface, not so large as No. 5 [S. P. I. No. 38554], but of similar shape. Shell thick. Flesh pale greenish white near the seed, becoming darker toward the skin; rather thin but firm. Seed large."