

31474 and 31475. NICOTIANA TABACUM L. Tobacco.

From Cuba. Presented by Dr. E. F. Cabada, Cienfuegos. Received July 21, 1911.

Seeds of the following:

31474. "*Vuelta Abajo.*" From the district immediately west of the city of Pinar del Rio, province of the same name.

31475. "*Remedios.*" From the district surrounding the town of this name, province of Santa Clara.

31476. BRASSICA OLERACEA CAPITATA L. Cabbage.

From China. Brought in by Mr. G. Weidman Groff, of the Canton Christian College, July 22, 1911.

"*Wong nga paak.* An excellent Chinese cabbage with very long head, and when bleached like celery, of excellent flavor." (*Groff.*)

31477. MANGIFERA INDICA L. Mango.

From Piracicaba, Brazil. Presented by Mr. Clinton D. Smith, Escola Agricola Practica, Luiz de Queiroz. Received July 26, 1911.

"Grafts from our best tree. This variety is the *Espada* and is less stringy than the others, also has a larger proportion of pulp to pit." (*Smith.*)

31478 to 31481.

From San Jose, Costa Rica. Presented by Mr. C. Wercklé. Received July 17, 1911.

Seeds of the following:

31478. PERSEA AMERICANA Miller. Avocado.

"*Palta No. 1.* Fruit large (390 grams [13½ oz.]), intense green, shortly pyriform-obovate; thick meat; highest quality. Weight of seed and skin 130 grams [4½ oz.]; meat alone 260 grams [9 oz.]. From Esparta, 300 to 600 feet above sea level." (*Wercklé.*)

31479 and 31480. LUCUMA spp. Sapote.

31479. "Seed received as a very fine variety. I did not see the fruit, but know that it is *very* good. It is long and large despite the small seed; gray in color." (*Wercklé.*)

31480. "A splendid long sapote. Weighed about 1 pound; peculiar shape; very highly prized." (*Wercklé.*)

"A tree 30 to 40 feet high, with fulvous or gray branches, and long obovate leaves. The cream-colored silky flowers are borne in clusters on the stem. Fruit about 6 inches long, with reddish pulp, containing one or more polished seeds. The pulp is sweet and resembles in taste a luscious pear. It is made into a marmalade, which is said to be not unlike good apple preserve." (*Macmillan, Handbook of Tropical Gardening, p. 152.*)

31481. PERSEA AMERICANA Miller. Avocado.

31482. PHYTOLACCA DIOICA L. Ombú.

From Buenos Aires, Argentina. Presented by Mr. Joseph E. Wing, agent of the Tariff Board. Received July 26, 1911.

"This tree does not withstand much frost. It is the common tree of the plains of Argentina and is seen making a dense green mound of verdure in the very dry soils, green during the worst droughts. I have seen them fully 12 feet in diameter; they