

45540 to 45553.

From the city of Guatemala, Guatemala. Collected by Mr. Wilson Popenoe, Agricultural Explorer for the Department of Agriculture. Received November 24, 1917. Quoted notes by Mr. Popenoe.

45540 to 45546. CHAYOTA EDULIS Jacq. Cucurbitaceæ. **Chayote.**
(*Sechium edule* Swartz.)

45540. "(No. 197a. November 7, 1917.) *Güisquil de Santa Maria.* Locally considered one of the very best varieties. It is a short, broad fruit, compressed on the sides, and weighing 12 ounces to a pound. The surface is smooth, free from corrugations, and pale to bright green in color. Green-fruited *güisquiles* are considered by the Guatemalans to have more flavor than the white-fruited varieties.

"All smooth, small to medium-sized *güisquiles* are called *peruleros*; the spiny or rough fruits are termed simply *güisquil* in most instances. Occasionally they have distinguishing names, such as *güisquil de Santa Maria*."

45541. "(No. 198a. November 7, 1917.) Large white *perulero*. Probably the best of the *perulero güisquiles*. A pear-shaped, waxy white fruit without prickles and with a surface free from wrinkles or corrugations. Weight about 5 ounces. One of the rarest varieties in the market."

45542. "(No. 199a. November 7, 1917.) *Güisquil de Santa Maria.* A large form similar to No. 197a [S. P. I. No. 45540], but somewhat more prickly. It is considered a very good variety. For cultivation in the United States, however, varieties without prickles seem preferable, as they are more attractive in appearance and easier to handle. In Guatemala a large proportion of *güisquiles* are prickly, but the presence of the prickles does not seem to make any difference to the natives when purchasing the fruits in the market."

45543. "(No. 200a. November 7, 1917.) Large pale-green *perulero*. A pear-shaped fruit about 8 ounces in weight, with a smooth surface pale green in color. Somewhat larger than the large white *perulero*. No. 198a [S. P. I. No. 45541], but said to be slightly inferior in flavor."

45544. "(No. 201a. November 7, 1917.) Small white *perulero*. A popular *güisquil*, considered of good quality. It is pear shaped, 2 to 3 ounces in weight, waxy white in color, with a smooth surface free from spines."

45545. "(No. 202a. November 7, 1917.) Small pale-green *perulero*. Practically identical with the small white *perulero*, No. 201a [S. P. I. No. 45544], except in the color, which is pale waxy green."

45546. "(No. 203a. November 7, 1917.) Small green *perulero*. A common variety in the markets, and apparently a favorite. Nearly round in form, about 2 ounces in weight, with a smooth surface deep green in color. Almost a miniature *güisquil de Santa Maria* No. 197a [S. P. I. No. 45540]."

45547. SOBRALIA MACRANTHA Lindl. Orchidaceæ.

"(No. 204a. November 7, 1917.) A terrestrial orchid found in the vicinity of the city of Guatemala, at altitudes of 4,000 to 5,000 feet. The