

with the avocado. The first step, certainly, is to secure the best available varieties and I feel sure that the Verapaz is one of them, for a thorough search through the territory in which the coyo is abundant, has disclosed none better. Its pear-shaped fruits weigh about a pound, and have a thick, leathery skin, and ivory-white flesh which contains much oil and has a rich, cocoanutlike flavor; the seed is about the same size as that of our best avocados.

"The coyo probably does not come into bearing as young as the avocado, and as a rule it is not so productive in old age; but varieties which will be satisfactory in this latter respect can probably be obtained. I am inclined to believe also that the fruit from young trees may be much inferior in quality to that from old ones. These points and several others must be determined by a trial in the United States and elsewhere. Since the tree occurs in Guatemala at altitudes ranging from 300 to 6,000 feet, it seems probable that the species will succeed in cool regions like Southern California and South Florida as well as in warm ones like Cuba and Porto Rico." (Popenoe.)

Persea schiedeana (Lauraceae), 49330. **Hempstead Coyo.** From Coban, Alta Verapaz, Guatemala. Cuttings collected by Mr. Wilson Popenoe, agricultural explorer. "No. 241. This variety has been called to my attention by Robert W. Hempstead, after whom I suggest it be named; the parent tree is growing in a small finca along the road from Coban to San Cristobal Verapaz, and the fruit, which I have not seen, is described as large and of excellent quality. It is said to be pear shaped, somewhat slender, up to two pounds in weight, with ivory-white flesh free from fiber and of excellent quality in every way. The parent tree is probably 50 years old, if not more; it is about 50 feet high, and is said to be productive; at the time this budwood was cut (Dec. 26) it was in flower. The season of ripening is August and September.

"In this variety and the previous one (Verapaz) we probably have two coyos of as good quality as can now be obtained, and with them as a beginning I believe it will readily be possible to develop from this species a fruit new to horticulture and of great value for tropical and subtropical regions." (Popenoe.)

Phyllostachys puberula nigra (Poaceae), 49222. **Bamboo.** From Niles, Calif. Plants purchased from the California