

the name **pacayito** may be chosen as best suited to use in the United States. Judging from accounts given me by various residents of the Verapaz, this palm commonly occurs in the mountains of that region at elevations of about 4000 to 6000 feet. It always grows in dense forests, and must be considered a shade and moisture-loving species. The soil in which it grows is nothing but decayed leaves for the first several inches, which is kept continually moist by the abundant rains of this region. In Coban the **pacayito** is a favorite house plant, being grown in pots and tubs and used to decorate living rooms and patios. In the city of Guatemala it is occasionally used for the same purpose, the plants being brought down from Coban. In the forests, the **pacayito** seems never to reach a greater height than 3 feet. It is a true dwarf (one might almost call it a miniature palm), for it reaches maturity and comes into flower when not over a foot high. This dwarf habit makes it of unusual interest as a pot plant for the north, as it can be fruited in an ordinary living room when growing in an eight-inch pot. It makes its character leaves almost as soon as the young plant is out of the seed. I have seen many plants in the forest, not over 4 inches tall, which already had 2 to 4 fully characterized leaves. When quite small it strongly resembles *Cocos weddelliana*, but the pinnae are somewhat broader and not so numerous. For fern dishes in the northern states it should have great value. When mature, the plant has a slender trunk, perhaps half an inch thick and two feet high. The leaves are a foot to eighteen inches in length, rather finely pinnate, deep green, and graceful, with the rachis stiff but arching slightly. In the Verapaz the flowers are produced in June and July and the small, round seeds, about as large as small peas, ripen in December. Since it is found at considerable elevation in the Verapaz, it seems likely that this palm will be sufficiently hardy for cultivation in the open in California and Florida. It should be provided with ample shade, however, and planted in a very moist situation in soil containing a large proportion of leaf mold. As a house plant for the northern states, and for use in fern dishes, it seems to me that this plant possesses unusual possibilities, and I strongly recommend it for trial." (Popenoe.)

Chamaedorea sp. (Phoenicaceae.) 45022. **Pacaya palm** seeds from Guatemala. Collected by Mr. Wilson Popenoe,