

substances to take the place of sugar in the food of persons suffering with certain diseases." (Fairchild.)

Trichoscypha sp. (Anacardiaceae), 47519. From Lcanda, Angola, Africa. Seeds presented by Mr. J. Gossweiler. "No.6882. A dioecious, palm-shaped tree, 25 meters in height, which produces on its trunk, about 2 meters above the ground, large bunches of peachlike, edible, succulent fruits. Quite a distinct, curious, and ornamental plant from the Portuguese Kongo. March, 1919." (Gossweiler.)

Notes on Behavior of Previous Introductions.

A letter received May 21, 1919, from Dr. H. Nehrling, Palm Cottage Gardens, Gotha, Fla., gives the following information:

"May 30, 1907, I received from you a tuber of *Dioscorea divaricata*, S. P. I. No. 10312, which has proved a great success. It is as good as the best potato, and is a most valuable root crop. The plant makes a tremendous growth - I have measured vines that were 60 feet long - and in rich, rather moist soil the tubers attain a weight of over a hundred pounds in two years. The foliage is very dense and the stems are provided with blunt spines. It flowers late in November and the three-cornered blossoms, almost pure white, exhale a delicious perfume.

"My *Alewites fordii* (S. P. I. No. 21013) is now a fine tree 25 feet high. Several seedlings, only a year old, and a foot high, flowered and set fruit."

The following analysis by Dr. Frederick B. Power, of the Bureau of Chemistry, will interest all those who have grown this attractive tree, *Pongam pinnata*, which flourishes luxuriantly in south Florida.

"The perfectly sound seeds amounted to 7,548 grams, and, on separating the kernels from the shells, the weight of the kernels was found to be 3,811 grams, or 50.5 per cent of the weight of the entire seed. A portion of the kernels was completely extracted with ether, when the yield of the fatty oil was 26.97 per cent. This would be equivalent to 13.4 per cent of the entire seed. The oil thus obtained was a pale yellow, limpid liquid having a very slight odor and a specific gravity of 0.9371 at 15.6° C. (60° F.)"