

**47517. CACARA EROSA (L.) Kuntze. Fabaceæ. Yam bean.**  
(*Pachyrhizus angulatus* Rich.)

From Santiago de las Vegas, Cuba. Presented by Dr. Mario Calvino, director de la Estacion Experimental Agronomico. Received May 19, 1919.

*Jicama de agua.* These seeds have been introduced for the purpose of determining the botanical differences between the several forms of this species. This form was received under the name *Pachyrhizus tuberosus*.

**47518. ZINZIBER OFFICINALE Roscoe. Zinziberaceæ. Ginger.**

From Kingston, Jamaica. Roots presented by Mr. W. Harris, superintendent, Hope Gardens, Department of Agriculture. Received May 21, 1919.

This material was procured for experimentation.

**47519. TRICHOSCYPHA sp. Anacardiaceæ.**

From Loanda, Angola, Africa. Seeds presented by Mr. J. Gossweiler. Received May 21, 1919.

"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 Angola. March, 1919." (*Gossweiler*.)

**47520 to 47523. TRIFOLIUM ALEXANDRINUM L. Fabaceæ. Berseem.**

From Cairo, Egypt. Presented by Mr. Thomas W. Brown, director, Horticultural Section, Gizeh Branch, Ministry of Agriculture. Received May 21, 1919.

"To judge by its behavior at Bard, Calif., berseem seems to have considerable promise as a winter annual for the extreme Southwest. There are still problems in regard to proper planting dates, soil inoculation, etc., to be solved, but for the last three years the yields on the experimental plats at Bard have been large enough to encourage further trials." (*Roland McKee*.)

47520. No. 1.

47522. No. 3.

47521. No. 2.

47523. No. 4.

**47524 and 47525.**

From Ecuador. Presented by Dr. J. N. Rose, associate curator, U. S. National Herbarium, Washington, D. C. Received May 26, 1919. Quoted notes by Dr. Rose.

**47524. CARICA CANDAMARCENSIS Hook. f. Papayaceæ.**

"This *Carica* from Ambato (No. 22354) is very different from the other *Carica* (S. P. I. No. 46623) collected by me in Ecuador. It has a stout, thick trunk and a large, round top. Unlike most of the other species, male and female flowers are borne abundantly on the same plant. The fruit is small, about 3 inches long, and has three broad, low ribs. It is used chiefly in making dulces. It is usually grown in yards or gardens."

**47525. TROPAEOLUM PELTOPHORUM Benth. Tropæolaceæ. Nasturtium.**

"Several species of *Tropaeolum* are to be found in Ecuador. Between Chuncha and Huigra I collected this very interesting one (my No. 22408). It is a small creeping vine with peltate leaves and small yellow or orange flowers."