

55454 and 55455. GARCINIA spp. Clusiaceæ.

From Santa Fe, Isle of Pines. Seeds presented by H. S. Jones. Received May 27, 1922.

Introduced for testing as a stock for the mangosteen (*Garcinia mangostana* L.).

55454. *GARCINIA TINCTORIA* (DC.) W. F. Wight.
(*G. ranthochymus* Hook. f.)

A medium-sized tree, native to southern Asia, with smooth, bright-yellow, strongly acid fruits the size of an orange.

For previous introduction, see S. P. I. No. 47358.

55455. *GARCINIA* sp.

Fruits yellow, about 2 inches in diameter.

55456 to 55462. SOLANUM TUBEROSUM L. Solanaceæ. Potato.

From Ibarra, Ecuador. Tubers presented by Sr. José Felix Tamayo. Received May 29, 1922.

"These varieties of *Chaucha* potatoes were grown near Ibarra, Ecuador. The *Chauchas* (Quichua, early) are a group of potatoes cultivated in the Ecuadorian highlands at altitudes between 8,000 and 12,000 feet. Commercially they are not very important, due to the fact that they do not keep as well as other varieties, but they are much cultivated for home use. The tubers are of good size; those of some varieties are of good quality, while others are rather inferior. The color, both of surface and flesh, is variable.

"The *Chauchas* mature in about five months from the time of planting, when cultivated at an elevation of 12,000 feet; other varieties require seven to eight months. As soon as the plants come into bloom the tubers are considered to be mature and are dug for eating. Unlike other varieties, which must be dug and then stored for a period before resowing, the *Chauchas* can be resown immediately after digging. The yield is fairly heavy, but not as great as that of some of the late-maturing varieties." (*Wilson Popenoe.*)

55456. (No. 1.)

55460. (No. 5.)

55457. (No. 2.)

55461. (No. 6.)

55458. (No. 3.)

55462. (No. 7.)

55459. (No. 4.)

55463. CUCURBITA PEPO L. Cucurbitaceæ. Squash.

From Paris, France. Seeds purchased from Vilmorin-Andrieux & Co. Received May 31, 1922.

Introduced in connection with experiments to determine the specific identity of our cultivated pumpkins and squashes.

Courge de Mirepoix. (Mirepoix Musk squash.) A variety cultivated in southern France, with a strong trailing stem, large erect leaves with rounded lobes, and pear-shaped, slightly ribbed fruits which are dark green, streaked with light green. The flesh is dark red, firm, and fragrant. (Adapted from *Robinson, The Vegetable Garden*, p. 327.)

55464. CERATONIA SILIQUA L. Cæsalpiniaceæ. Carob.

From Chaseki, Athens, Greece. Presented by P. O. Anagnostopoulos, director, Horticultural Station. Received May 27, 1922.

Cuttings of a variety of carob, grown near Athens, Greece. Obtained at the request of Dr. J. Eliot Coit, of Los Angeles, who has been in correspondence with Mr. Anagnostopoulos, and who believes that the variety may be a superior one for cultivation in California, where the carob is receiving serious attention.