

43224 to 43226. MANGIFERA INDICA L. Anacardiaceæ. Mango.

From Mexico. Presented by Mr. Frank W. Moore, British vice consul, La Paz, Lower California, Mexico. Received August 29, 1916.

This material was sent in reply to our request for seeds of especially good mangos reported by the United States consul at Mazatlan, Mexico, as growing in the Arroyo de Leon, near La Paz, Lower California, and probably obtainable through the British vice consul at that place.

43224. From Triunfo, near La Paz.

43225. From La Paz.

43226. From Arroyo de Leon, near La Paz.

43227. HYDNOCARPUS KURZII (King) Warb. Flacourtiaceæ.

(*Taraktogenos kurzii* King.)

Kalanzo.

From Calcutta, India. Purchased from Messrs. Smith, Stanistreet & Co., through Mr. James A. Smith, American consul general. Numbered September 6, 1916.

A large tree, 40 to 50 feet high, from the forests of Sylhet, Chittagong, and Burma. The seeds yield the true chaulmoogra oil, which has recently come into prominence through its remarkable curative effects on leprosy when applied locally and internally.

Dr. Victor G. Heiser, in concluding an article on "Leprosy—Its Treatment in the Philippine Islands by the Hypodermic Use of Chaulmoogra Oil Mixture" (*Am. Journ. Tropical Diseases and Preventive Medicine*, vol. 2, p. 300, 1914), says in part:

"The present stage of the development of the treatment herein described does not warrant a claim that anything like a specific for leprosy has been found, but experience does show that it gives more consistently favorable results than any other that has come to our attention, and it holds out the hope that further improvement may be brought about. It produces apparent cures in some cases, causes great improvement in many others, and arrests the progress of the disease in almost every instance."

43228. VICIA FABA L. Fabaceæ.

Broad bean.

From La Paz, Bolivia. Presented by Mr. John D. O'Rear, United States Minister. Numbered September 20, 1916.

"The only variety of broad bean that is cultivated in this country. The bean is produced very successfully here, especially in the high altitudes, and constitutes one of the principal articles of diet of the Indians of the Altiplano, who use it in roasted form. It is also used widely as a table food, being of very good quality, and when properly prepared it provides a very wholesome and delicious dish. These seeds are dried in the same form as that used by the natives for preserving the seed from one season to another and will have to be soaked in water for two or three days before planting." (*O'Rear.*)

43229 to 43232. VICIA FABA L. Fabaceæ.

Broad bean.

From India. Presented by Mr. J. MacKenna, Agricultural Adviser to the Government of India, Pusa, who obtained them through the superintendent of the Kumaun Government Gardens. Received August 29, 1916. Quoted notes by Mr. MacKenna.

"Of the higher Himalayan forms."

43229. "No. 1. Long podded." 43231. "No. 3. Broad podded."

43230. "No. 2. Long podded." 43232. "No. 4. Broad podded."