

32478 and 32479. ANNONA CHERIMOLA Miller. Cherimoya.

From Costa Rica. Presented by Mr. Carlos Wercklé, San Jose. Received January 25, 1912.

"Seed from two anonas from Judge Castro Carillo. He says they are very good and of extraordinary size." (*Wercklé.*)

32480. AGAVE CANTALA (Haw.) Roxb. Manila maguey.

From Manila, Philippine Islands. Presented by Mr. O. W. Barrett, Chief, Division of Experiment Stations, Bureau of Agriculture, through Mr. Lyster H. Dewey, of the Bureau of Plant Industry. Received January 29, 1912.

"Manila maguey is cultivated in the Philippines and to a limited extent in India, where it produces the fiber known as Bombay aloe. It is cultivated on a large scale in Java, producing a very excellent quality of fiber which has heretofore been placed on the market under the misleading name "Java sisal." The Javanese growers now propose that this fiber shall be called "cantala." It grows well in Java on rich, loamy soils, where the heavy rainfall and lack of lime make it impossible to cultivate sisal or henequen to good advantage. This plant would probably grow well in the eastern part of Porto Rico." (*Dewey.*)

32481 and 32482.

From Honolulu, Hawaii. Presented by Mr. J. E. Higgins, horticulturist, Hawaii Agricultural Experiment Station. Received January 29, 1912.

Seeds of the following:

32481. CITRUS LIMETTA RISSO. Lime.

Kusaie. Cuttings of this variety received under S. P. I. No. 32460.

32482. CARISSA GRANDIFLORA (E. Mey.) DC. Amatungulu.

32484 and 32485. HORDEUM spp. Barley.

From Hwaiyuan, Anhwei, China. Presented by Dr. Samuel Cochran, Hope Hospital. Received January 29, 1912.

Seeds of the following; quoted notes by Dr. Cochran:

32484. "This is called *Nu er ta meh*, which means 'daughter barley.'"

32485. "Barley with long awns called *Mi ta meh* or 'rice barley.'"

32486. RUBUS sp. Raspberry.

From Newara Eliya, Ceylon. Collected by Mr. C. V. Piper, of the Bureau of Plant Industry. Received January 29, 1912.

"(No. 85, August 27, 1911.) A spiny-stemmed red raspberry. Fruit small, smooth, in clusters. Flowers white. Stems ascending 4 to 10 feet." (*Piper.*)

32487. PHASEOLUS TRILOBATUS (L.) Schreber.

From Coimbatore, India. Collected by Mr. C. V. Piper, of the Bureau of Plant Industry. Received January 29, 1912.

"(October 26, 1911.) A trailing legume, abundant on low ground." (*Piper.*)

Distribution.—From the Himalayas, where it ascends to an elevation of 7,000 feet, to Ceylon and Burma; also in the Malay Archipelago and in Nubia and Abyssinia.