

38981 and 38982. MANGIFERA INDICA L. Anacardiaceæ. Mango.

38981. From Santiago de las Vegas, Cuba. Collected by Mr. Wilson Popenoe, Agricultural Explorer for the Department of Agriculture. Cuttings received August 4, 1914.

"(No. 5. July 30, 1914.) *Luisa*, a mango of the Philippine type of which the parent tree is growing in the Casa Vivienda garden at the Central Nueva Luisa, Jovellanos, Matanzas Province. Scions have been taken from the original tree and propagated by Mr. A. H. Van Hermann, of this place, from whom these cuttings were obtained.

"The Philippine mango as found here in Cuba is an entirely distinct race from the other mangos found on the island. The type can be distinguished from the others grown here by the pale, grayish mahogany color of the young leaves, the venation of the leaves, the slender, compressed fruits, terminating in a sharp point at the apex, and the thin husk which surrounds the seed.

"The *Cecil* mango of Miami, Fla., is a representative of this race and exhibits the characteristics which are noticeable here in Cuba. The race is believed originally to have come from the Philippines.

"While there is remarkably little variation among the seedlings of this race, there are frequently noticeable differences in the size, brightness of color, and flavor of the fruit. *Luisa* is described by Prof. F. S. Earle, who was, I believe, the first to observe it, as a fruit 4 to 5 inches in length, dull yellowish green in color, with little fiber and a remarkably good flavor. It is considered by Prof. Earle the best mango of the Philippine type which he has seen." (*Popenoe.*)

38982. From Havana, Cuba. Presented by Mr. Charles Hernandez, Director General of Posts and Telegraphs. Received August 3, 1914.

"From the mango grove in the Quinta Ariles near Cienfuegos. The most appreciated of all the kinds of mangos that grow on this island; it is very much looked for by the people of Cienfuegos, and therefore the consumption is limited to only that portion of the country." (*Hernandez.*)

38983. TRIFOLIUM SUBTERRANEUM L. Fabaceæ. Clover.

From Adelaide, Australia. Presented by Mr. W. Champion Hackett. Received July 29, 1914.

38984. MEDICAGO SATIVA L. Fabaceæ. Alfalfa.

From Valparaiso, Chile. Presented by Mr. Alfred A. Winslow, American consul.

"Seed of 1913-14 harvest." (*Winslow.*)

38985. VOANDZEIA SUBTERRANEA (L.) Thouars. Fabaceæ. Jugu bean.

From Johannesburg, Transvaal, Union of South Africa. Presented by Mr. J. Burt Davy. Received August 1, 1914.

"Jugu beans; these are proving useful in our bush-veldt country (below 4,000-foot altitude) for stock food; they are crushed and fed to cattle and pigs.