

33786 and 33787—Continued.

"The average exportation of citronella from Colombo is about 40,000 pounds, valued at £8,000, or about 4 shillings and 1 penny per pound. It is largely used to give the peculiar flavor to what is known as 'honey soap' and in the making of perfumes. In Travancore the propagation of this grass is left to nature, no care of any kind whatever being given. It is treated purely as a natural product of the jungle. It is even looked down upon as a glutton upon soil food, deserving, if possible, extermination and cremation. In Ceylon the citronella grass is raised from seed and planted like guinea grass and will give two or three crops a year. When fit to cut, the grass is carried to a large boiler and the oil is distilled. It is estimated to give about three dozen bottles to the acre, but the demand is limited and the price fluctuates from 2 shillings and 6 pence a bottle to 4 shillings and 6 pence. At the latter price it pays handsomely, while at the former it little more than covers the expenditures. A still capable of turning out a dozen bottles a day costs £300.

"A decoction of the leaves is used, it is said, to purify blood. It is also given in cases of cough and used in steam baths for colds. Externally, it is applied to remove rheumatic pains, in which case it is said to equal the oil of the famous *Samadera indica* of the sandy regions of North Travancore. The oil is said to be good for cholera. For children it is a good tonic. It is also a stimulant and diaphoretic."

33788. CITRUS AURANTIUM SINENSIS L.**Orange.**

From the Atlas Mountains, Algeria. Presented by Dr. L. Trabut, Algiers. Received June 20, 1912.

"A late orange from the Atlas Mountains. Cultivated in the valleys of the mountains. Fruit excellent; grown from seed by the natives." (*Trabut.*)

33789 and 33790. PRUNUS sp.

From St. Petersburg, Russia. Received through Mr. Frank N. Meyer, agricultural explorer, for this Department, April 2, 1912.

These seeds were picked out of S. P. I. No. 33312. See this number for remarks.

33791. CHRYSOBALANUS ICACO L.**Icaco.**

From San Jose, Costa Rica. Presented by Mr. Carlos Wercklé, National Museum. Received June 19, 1912.

"A much improved, superior variety; black." (*Wercklé.*)

See No. 32402 for previous introduction.

33792. PANAX QUINQUEFOLIUM L.**Ginseng.**

(*Aralia quinquefolia* Decne. and Planch.)

From Seoul, Chosen (Korea). Presented by Miss Katherine Wambold, care of Severance Hospital. Received April 25, 1912. Numbered June 10, 1912.

Distribution.—Throughout the eastern part of the United States from Canada southward to the mountains of Georgia, and in Manchuria, Chosen (Korea), and Japan.

33793. RUBUS HAWAIIENSIS A. Gray.**Akala.**

From the Kau District, Island of Hawaii. Presented by Mr. Ralph S. Hosmer, Superintendent of Forestry, Honolulu. Received June 24, 1912.

"The native raspberry, akala. This species is quite generally distributed through this Territory between the elevations of 3,500 and 5,000 feet. It is a tall-growing