

52861 and 52862.

From San Jose, Costa Rica. Seeds presented by Sr. A. Tonduz. Received April 11, 1921.

52861. CANAVALI PLAGIOSPERMA Piper. Fabaceæ.

"From the gardens of Sra. Amparo de Zeledon, Puntarenas." (Tonduz.)

A species based on specimens grown from seeds received from Mauritius in 1913; also received from Nicaragua in 1917. The seed resembles the sword bean in appearance, but it has the short hilum of the jack bean.

52862. VIGNA SINENSIS (Torner) Savi. Fabaceæ. Cowpea.

"From the gardens of Sra. Amparo de Zeledon, Puntarenas." (Tonduz.)

52863. DIOSCOREA TRANSVERSA R. Br. Dioscoreaceæ.

Queensland yam.

From Brisbane, Queensland. Seeds presented by C. T. White, Government botanist. Received April 12, 1921.

"A species common in coastal Queensland, where it produces small tubers of excellent quality." (White.)

For previous introduction, see S. P. I. No. 1331.

52864. LEYCESTERIA FORMOSA Wall. Caprifoliaceæ.

From Beaverton, Oreg. Plants presented by Benjamin W. Gothard. Received April 15, 1921,

"One of the handsomest and most useful of ornamental shrubs for all sections where the temperature does not fall much below zero. It is not subject to pests, is in bloom for months, and if cut down by severe frost it renews itself within a short time. Last winter, in sheltered situations, it endured zero temperature without injury. Here in Oregon it roots freely from hardwood cuttings in open ground when put in during November or December." (Gothard.)

A Himalayan bush, 6 feet high, allied to our Viburnums. The pink flowers backed by red bracts are borne in dense sprays at the end of fresh wood shoots.

For previous introduction, see S. P. I. No. 41558.

52865. FICUS MACROPHYLLA Desf. Moraceæ.

From Honolulu, Hawaii. Seeds presented by Dr. H. L. Lyon, in charge, Department of Botany and Forestry. Received April 16, 1921.

One of the best Australian avenue trees; it has proved of value in southern California.

"The milky sap of this tree yields a very fair caoutchouc. The fiber of the root is of great durability." (Maiden, *Useful Native Plants of Australia*, pp. 225 and 623.)

For previous introductions, see S. P. I. Nos. 3494 and 37140.

52866. SOLANUM QUITOENSE Lam. Solanaceæ. Naranjilla.

From Guayaquil, Ecuador. Seeds presented by Dr. Frederic W. Goding, American consul general. Received April 19, 1921.

For use in hybridizing experiments to secure disease resistance.

For previous introduction, see S. P. I. No. 50607.

52867. DIOSCOREA PENTAPHYLLA L. Dioscoreaceæ. Round yam.

From Aulnay sous Bois, France. Tubers presented by Prof. R. de Noter, director, École d'Acclimatation et de Recherches Agricoles. Received April 7, 1921.

Variety *hortorum*.