

48982 to 49002—Continued.

and sheep are very fond of this fodder. The tree is easily grown from seeds. (Adapted from *The Pastoral Finance Association Magazine, Sydney, New South Wales, vol. 5, p. 32.*)

49003. PENNISETUM LATIFOLIUM Spreng. Poaceæ. Grass.

From Algiers, Algeria. Presented by Dr. L. Trabut. Received December 16, 1919.

"An ornamental and forage grass from the Algiers Botanic Garden; obtained November, 1919." (*Trabut.*)

A tall perennial, quick-growing, nutritious grass, native to Argentina, forming large tufts and readily spreading from the roots and seeds. (Adapted from *Mueller, Select Extra-Tropical Plants, p. 364.*)

49004. PROSOPIS CHILENSIS (Molina) Stuntz. Mimosaceæ. Algaroba.

From Honolulu, Hawaii. Presented by Mr. J. M. Westgate, agronomist in charge, Hawaii Agricultural Experiment Station. Received December 20, 1919.

This tree is one of the most valuable that has been introduced into the Hawaiian Archipelago, where it flourishes at an altitude between 800 and 1,000 feet and often forms thick forest belts. In addition to being one of the best sources of honey, the pods and seeds of the algaroba are valuable for cattle and poultry, the quantity consumed in this way each year being estimated at 500,000 sacks. It is stated that the seeds might be more digestible if they were crushed, but to accomplish this they must either be soaked in water or special crushers must be used. They can be kept in perfectly good condition for six to eight months; their market value is between \$7.50 and \$10 per ton. (Adapted from *Journal d'Agriculture Tropicale, No. 113, p. 351.*)

For previous introduction, see S. P. I. No. 46973.

49005. BARLERIA CRISTATA L. Acanthaceæ.

From Cairo, Egypt. Presented by the director, Horticultural Section, Gizeh Branch, Ministry of Agriculture. Received December 22, 1919.

A small, elegant shrub, found throughout India, with showy, blue, funnel-shaped flowers. It is often grown in gardens and is useful as a hedge plant. (Adapted from *Watt, Dictionary of the Economic Plants of India, vol. 1, p. 399.*)

49006 to 49015.

From Medellin, Colombia. Presented by Mr. W. O. Wolcott. Received December 23, 1919. Quoted notes by Mr. Wolcott.

49006. ANNONA MURICATA L. Annonaceæ. Soursop.

"Seed taken from a fruit that measured 19 inches in length and 13 inches in diameter and weighed 23 pounds. The outside was covered with hooked spines, 1 to 1½ inch long. The whole fruit had no rust or blemish, such as is usually found on fruits weighing from 6 to 10 pounds. I have never seen one like this before."

For previous introduction, see S. P. I. No. 45933.

49007. ANNONA RETICULATA L. Annonaceæ. Custard-apple.

"*Marmon* seeds."

For previous introduction, see S. P. I. No. 45955.