

48840 to 48842.

From Queensland. Presented by Mr. J. A. Hamilton, Kulare, via Cairns. Received December 4, 1919. Quoted notes by Mr. Hamilton.

48840. BUCKINGHAMIA CELSISSIMA F. Muell. Proteaceæ.

"A very ornamental native tree; much frequented by bees."

A tall tree, up to 60 feet in height, with dark-green leaves 3 to 5 inches long, and large racemes of silvery flowers. (Adapted from *Bentham, Flora Australiensis, vol. 5, p. 532.*)

48841. HELIANTHUS ANNUUS L. Asteraceæ. Sunflower.

"A double sunflower; very good."

48842. PITTOSPORUM REVOLUTUM Dryand. Pittosporaceæ.

"An ornamental bush; sweet scented."

A tall shrub with elliptic leaves 2 to 3 inches long, with rusty-pubescent lower surfaces; the pale-yellow flowers are up to half an inch in length. (Adapted from *Bailey, Standard Cyclopedia of Horticulture, vol. 5, p. 2654.*)

48843 and 48844. TRICHOLAENA ROSEA Nees. Poaceæ.

Natal grass.

From Auckland, New Zealand. Purchased from Arthur Yates & Co. Received December 4, 1919.

"This is a very striking grass, its highly colored appearance when in flower making it very handsome. It is a vigorous grower and attains a height of 3½ feet. A dense mass of leafy succulent herbage is quickly produced in spring and remains until cut down by heavy frosts. It flowers in November and December, and produces a large amount of seed which germinates freely. It resists drought well, and flourishes in poor sandy soil. For growing as green food for poultry it is very valuable, and can be recommended for sowing in fowl yards which require resting." (*A. H. McDonald, Agricultural Gazette of New South Wales, vol. 19, p. 122.*)

48843. Variety atropurpurea.

48844. Variety rosea.

48845. ROSA LAXA Retz. Rosaceæ.

Rose.

From Paris, France. Presented by the Hon. Vicary Gibbs, Aldenham House, Elstree, Hertford, England, through Vilmorin-Andrieux & Co. Received December 4, 1919.

"The longer my experience the more I am impressed with the value of this Siberian brier as a stock for use on medium and light soils. And, further, the testimony of those whom I have persuaded to try it has more than repaid me for my championship of this stock." (*George M. Taylor, Florists' Exchange, May 13, 1916.*)

For previous introduction, see S. P. I. No. 47161.

48846. NICOTIANA TABACUM L. Solanaceæ.

Tobacco.

From Santiago de las Vegas, Cuba. Presented by Dr. M. Calvino, director, Agricultural Experiment Station. Received December 4, 1919.

"This seed is the product of four years of field selection, carried out with the greatest possible care and with the purpose of restoring the old genuine Cuban tobacco, the *Havanensis* variety. We sent experts to the very best 'vegas' (tobacco fields) in the Vuelta Abajo region, a comparatively small area