

30829 and 30830—Continued.**30829**—Continued.

settlers *Steinklee*. Apparently of value as a fodder plant in semiarid regions." (*Meyer*.)

30830. From near Helenendorf, Caucasus, Russia.

"(No. 757, April 5, 1910.) A perennial alfalfa growing on limey, clayey soil along banks and on ridges; makes very long roots and is apparently drought resistant. Called by local German settlers *Steinklee*. Of value like the preceding number." (*Meyer*.)

30831 and 30832. PHORMIUM spp.**New Zealand flax.**

From Greendale, Canterbury, New Zealand. Presented by Mr. T. W. Adams. Received May 6, 1911.

Seeds of the following; notes by Mr. Adams:

30831. PHORMIUM TENAX Forst.

"Seeds of several varieties that I have growing here, some of them are ornamental and all are good fiber sorts."

30832. PHORMIUM COOKIANUM Le Jolis.

"This variety is ornamental in flower and fruit, but poor as a fiber plant."

30833. ENTELEA ARBORESCENS R. Brown.**Whau.**

From Epsom, Auckland, New Zealand. Presented by Mr. W. Petrie. Received May 6 and 9, 1911.

"This plant is not a hardy one and will barely withstand even slight frosts. It is most plentiful on small coastal islands in the northern part of New Zealand, and at the upper slopes of wooded gullies above the fog line in autumn and winter. The seed grows most readily in my garden; indeed, seedlings are quite a weed." (*Petrie*.)

"This plant is greedily eaten by cattle and horses, and consequently is becoming rare fast on the mainland, except in comparatively inaccessible situations. It is still plentiful on most of the small outlying islands on the northeast coast of the Auckland district, often exhibiting great luxuriance. On Cuvier Island I measured leaves with petioles 2 feet long, with a blade 1 foot 6 inches in diameter." (*Cheeseman, Manual New Zealand Flora, p. 83, 1906.*)

"This introduction is a tree already tried in California and found to be a very rapid grower. It is made for the purpose of ascertaining the possibility of using the sawdust of the wood, which is very soft and light, as packing for grapes in place of the cork and redwood sawdust commonly used." (*S. C. Stuntz*.)

30834. ENTELEA ARBORESCENS R. Brown.**Whau.**

From Auckland, New Zealand. Presented by Mr. E. Clifton, director, Department of Agriculture, Commerce, and Tourists, Wellington, New Zealand. Received May 9, 1911.

See No. 30833 for description.

30835. ANNONA SENEGALENSIS Pers.**Annona.**

From Sacikela, Angola, West Africa. Presented by Mr. Merlin W. Ennis, Benguela, West Africa, via Lisbon. Received May 9, 1911.

"Seeds of a dwarf annona. The plant is about the size of the huckleberry and favors about the same sort of soil and location. The fruit is the size of a small apple, and some have a decidedly pleasant taste. In its wild state the plant is killed down every year by the fires, so I think it could be grown anywhere in the South where the ground does not freeze." (*Ennis*.)

See No. 25169 for previous introduction.