

conditions, yield about 7,000 pounds per acre. **Kapok** cannot be spun but it is an excellent material for pillows, mattresses, life preservers, etc., and its use is rapidly increasing." (L. H. Dewey.)

Crataegus mexicana (Malaceae), 46481. **Hawthorn.** From Zacuapam, Mexico. Presented by Dr. C. A. Purpus. **Tejiote.** The tree is bushy, 8 to 10 feet in height with glabrous, olive-colored branches. The leaves are oblong, attenuated at the base, and 2 to 3 inches in length. The abundant flowers are borne in terminal corymbs. The fruit is larger than is usual among the hawthorns. The color when ripe is pale yellow, dotted with brown. It is a native of the table-lands of Mexico, and has been found quite hardy in England. (Adapted from The British Flower Garden, 1835, p. 300.)

Dacrydium cupressinum (Pinaceae), 46575. **Rimu.** From Auckland, New Zealand. Presented by Mr. H. R. Wright. "Prettiest of all our native trees; a real treasure." (Wright.)

"This pine is one of the most beautiful objects in the New Zealand bush. Its pale green, drooping branches differ from those of any other forest tree. The leaves are only small prickles, running up a long stem, from which branch out other small stems whose united weight causes the main stem to hang like the branches of the weeping willow. The whole tree, when young, has the appearance of a Lycopodium. The fruit is tiny, but beautiful, the nut being blue-black and the cup red. The timber is of a red or yellow color and beautifully marked. It is used to great advantage in dadoes, panels, and for ceilings. The **Taranaki rimu** is especially straight in the grain and very resinous. It is much used for bridge-building in that district." (Laing and Blackwell, Plants of New Zealand, p. 74.)

Dammara australis (Pinaceae), 46387. **Kauri pine.** From New Zealand. Presented by Mr. J. W. Poynton, Palmerston North, New Zealand. This magnificent tree, native of New Zealand, sometimes measures 180 feet in height and 17 feet in diameter, the estimated age of such a tree being 700 to 800 years. It furnishes an excellent, straight-grained, remarkably durable timber which is much used in boat and bridge-building, for furniture and wagon-making. This tree also yields the **kauri** resin from which an almost colorless varnish is made. (Adapted from Mueller, Select Extra-Tropical Plants, ed. 9, p. 161.)