

**35918 to 35975—Continued.****35968. LITHREA CAUSTICA** (Mol.) Hook. and Arn.

From Concepcion, Chile. "(No. 43.) A small shrub on the dry hills above Concepcion. Probably of interest only in a botanical garden."

**35969. LUPINUS ARBOREUS** Sims.

From near Talcahuano, Chile. "(No. 57.) This species grows about 4 feet high on light, rather dry soil, and may prove useful as a sand binder."

"A low, woody shrub with succulent branches. Leaves petiolate, in alternate fascicles about four together; leaflets lanceolate, broadest towards the point, acuminate, slightly pubescent or silky, underneath. Flowers in terminal, distantly verticillated spikes, 3 to 5 in each whorl, with pedicels nearly the length of the flower; sweet scented. Calyx bilabiate; lips entire, acute, keeled, the upper one shortest. Corolla yellow, vexillum orbiculate, reflected at the side; wings large, covering the keel and joined together at the point; keel acute, black pointed. Pod flat, pointed at both ends. Seeds somewhat oblong, very little flattened, shining, black. It is usually treated as a greenhouse plant, but at the Botanic Garden, Oxford, we observed in the same year a large shrub growing in the open ground, in a sheltered situation, in front of the greenhouse, where it produced an abundance of ripe seeds." (*Botanical Magazine*, pl. 682, 1803.)

**35970. MIKANIA** sp.

From Concepcion, Chile. "(No. 46.) A vine with large clusters of small white flowers. After the petals fall the reddish pappus remains, and it is even more conspicuous."

**35971. MUTISIA LATIFOLIA** Don.

From Lancotrara, Chile. Received June 10, 1913. "(No. 100.) From south of Villarica. A vine with pink flowers (Compositæ) very similar to the vine with red flowers obtained in the mountains above Santiago."

**35972. MUTISIA** sp.

From Huahun, Chile. Received June 10, 1913. "(No. 135, March 4, 1913.) A composite vine with pink flowers. Apparently the same as that found at Lancotrara (S. P. I. No. 35971), but this is a much higher altitude."

**35973. PSIDIUM** sp.

From Chile. "(No. 181.) A shrub 3 to 8 feet high, very compact in habit, and with rather glossy foliage. The flowers are white and the fruits are a half inch or more in diameter. These fruits were collected from shrubs growing along the edge of a huge sand dune and half a mile or more from the seashore at Quilan on the west side of the island of Chiloe, in what is probably a region of very heavy rainfall. This species may probably serve as a stock for the strawberry guava."

**35974 and 35975. PERSEA LINGUE** (Ruiz and Pavon) Nees.**Lingue.**

From Chile.

**35974.** "(No. 99, February 20, 1913.) From the south side of Lago Villarica. This is a large forest tree, the bark of which is extensively used in tanning. It is said to contain about 18 per cent tannin. I understand that the seeds are very difficult to germinate."

**35975.** "From Molco. (No. 169.) *Lingue*. See previous number 99 (S. P. I. No. 35974) for description."