

## 78398 to 78412—Continued.

**78404.** *PICRA KOYAMAI* Shiras. (*P. koraiensis* Nakai). Pinaceae. Spruce.

A narrowly pyramidal tree 60 feet high, native to Japan and Chosen, with reddish-brown bloomy branchlets, compressed leaves half an inch long, with two white bands above, and pale-brown cylindrical cones 2 to 3 inches long.

For previous introduction see No. 44397.

**78405.** *PINUS TABULAEFORMIS* Carr. (*P. leucosperma* Maxim.). Pinaceae. Chinese pine.

A pine, native to China, up to 75 feet high, with dark-gray bark on the trunk, red on the branches, and orange or grayish-yellow branchlets. The glaucescent leaves, usually two in a cluster, are stout and 3 to 6 inches long, and the ovoid cones, 2 to 4 inches long, are pale tawny yellow, changing to dark brown and persisting for several years.

**78406 to 78409.** *PRUNUS SERRULATA* Lindl. Amygdalaceae. Oriental cherry.

Local strains to be grown for trial as stocks.

**78406.** Variety *compta*.

**78407.** Variety *intermedia*.

**78408.** Variety *Sontagia*.

**78409.** Variety *vercunda*.

**78410.** *PRUNUS SERRULATA PUBESCENS* Wilson. Amygdalaceae. Kasumi cherry.

A wild cherry from Japan; of possible use as a stock.

**78411.** *RHODODENDRON SCHLIPPENBACHII* Maxim. Ericaceae. Royal azalea.

A beautiful deciduous shrub 15 feet high, with large clear pink flowers appearing before the leaves in spring. The broadly obovate leaves, 2 to 4 inches long, are dark green above, paler beneath, and change to yellow, orange, and crimson in the autumn. Native to Manchuria, Chosen, and Japan.

For previous introduction see No. 71127.

**78412.** *SYRINGA OBLATA DILATATA* (Nakai) Rehder. Oleaceae. Lilac.

A loosely branched shrub up to 12 feet high, with ovate long-pointed leaves 6 inches long and loose clusters of pale purple-lilac flowers. Native to Chosen.

For previous introduction see No. 75782.

**78413.** *SANGUISORBA OBTUSA* Maxim. (*Poterium obtusum* Franch. and Sav.). Rosaceae.

From Woking, Surrey, England. Roots purchased from George Jackman & Sons, Woking Nurseries. Received December 29, 1928.

A herbaceous perennial about 3 feet high, with pinnately compound leaves having about six pairs of oblong serrate leaflets, and a much-branched flower stem bearing spikes, 3 inches long and an inch in diameter, of small bright rosy pink flowers. Native to Japan.

## 78414 to 78442.

From Madagascar. Plants, cuttings, and bulbs collected by Charles F. Swingle, Bureau of Plant Industry, and Dr. Henri Humbert, University of Algiers, Algeria. Received in November, 1928.

**78414.** *ALOE* sp. Liliaceae.

Diego Suarez, Montagne des Français, October 7, 1928. Leaves about 6 inches long, reddish to coppery red, over green.

**78415 to 78417.** *CHRYSALIDOCARPUS* spp. Phoenicaceae. Palm.

Botanic Garden, Tananarive, September 28, 1928.

**78415.** *CHRYSALIDOCARPUS BARONII* Beccari.

A medium-sized palm, native to central Madagascar, with a cylindrical stem about 3 inches in diameter and regularly pinnate leaves, about 4 feet long, which have very narrow pinnae 16 to 18 inches long.

For previous introduction see No. 57214.

**78416.** *CHRYSALIDOCARPUS DECIPIENS* Beccari.

A stout palm with a thick cylindrical, ringed trunk and large pinnate leaves with very numerous segments up to nearly 3 feet long. Native to central Madagascar.

**78417.** *CHRYSALIDOCARPUS LUTESCENS* (Bory) Wendl. Yellow palm.

A palm, native to Madagascar, about 25 feet high, with a slender cylindrical ringed trunk about 3½ inches in diameter. The pinnate leaves, about 5 feet long, are composed of about 50 linear segments.

**78418.** *CISSUS* sp. Vitaceae.

No. 5148. Upper Valley of Fihierenana, near Tullear, August 3, 1928.

**78419 to 78421.** *CYNANCHUM* spp. Asclepiadaceae.

**78419.** *CYNANCHUM* sp.

Isalo, Ranohira, July 29, 1928. A succulent shrub which may be a source of rubber. The stems are covered with irregular rows of greenish horns, and the leaves, 6 to 8 inches long, with a pinkish base and petiole, are in a terminal whorl.

**78420.** *CYNANCHUM* sp.

Isalo, Ranohira, July 29, 1928. A succulent shrub with smooth-jointed stems and small scalelike leaves; it may be a source of rubber.

**78421.** *CYNANCHUM* sp.

Diego Suarez, Montagne des Français, October 7, 1928.

For previous introduction and description see No. 78419.

**78422.** *ISCHNOLEPES TUBEROSA* Junt. and Perr. Asclepiadaceae.

No. 5011. Isalo, Ranohira, July 20, 1928. A somewhat fleshy shrub, about 4 feet high, with greenish flowers and large tubercles.

**78423 to 78436.** *KALANCHOE* spp. Crassulaceae.