

This species is an excellent shade tree. It is of wide tropical distribution and is often planted for ornament and for the sake of the nuts. It has been introduced into Hawaii and the natives have applied to it the Polynesian name for *Calophyllum inophyllum* (*kamanu* or *kamani*), owing to the appearance of its foliage, which from a distance looks somewhat like that of the latter species. It is easily propagated from the seed. The wood is hard and of a reddish color, the sapwood lighter colored than the heartwood. In Guam it is used for troughs, carts, and posts, and if *daog* wood (*Calophyllum inophyllum*) can not be obtained, it is used for making cart wheels, though it is inferior to that species in toughness and durability. The Fijians and Samoans make drums of the hollowed trunks." (*Safford, Useful Plants of Guam, p. 385.*)

See S. P. I. Nos. 33192 and 33655 for previous introductions.

41577. PRUNUS SERRULATA SPONTANEA (Maxim.) Wilson. Amygdalaceæ. Cherry.

From Kyoto, Japan. Presented by Miss E. R. Scidmore, Yokohama, Japan. Received December 11, 1915.

"Cuttings of *Yama zakura* (mountain cherry), the *Giou* cherry tree in Maruyama Park (Sea-Mountain Park), Kyoto. It is a drooping variety, and these cuttings must be grafted on a drooping variety to get good results." (*Scidmore.*)

41578 to 41580. PERSEA AMERICANA Miller. Lauraceæ. Avocado.
(*Persea gratissima* Gaertn. f.)

From Guatemala City, Guatemala. Presented by the American vice consul. Received December 8, 1915. Quoted notes by the vice consul.

41578. "Seeds of soft-skin avocados. All selected fruit which averaged in weight 1 pound 2 ounces."

41579. "Round; skin hard."

41580. "Soft-skin Guatemala avocados, weighing up to 1 pound each."

41581 to 41618.

From Bhutan, India. Collected by Mr. R. E. Cooper. Presented by Bees (Ltd.), Liverpool, England, at the request of Mr. A. K. Bulley. Received December 8, 1915. Quoted notes by Mr. Cooper.

41581. PRIMULA ELONGATA Watt. Primulaceæ. **Primrose.**

"(No. 4087.) In sandy peaty soil at an altitude of 13,500 feet. Flowers white on stem 1 foot long, rosette of glabrous leaves, 8 inches in diameter."

41582. MECONOPSIS HORRIDULA Hook. f. and Thoms. Papaveraceæ.

"(No. 4810.) A many-stemmed plant, 6 inches high at an altitude of 14,000 feet on peaty turf over scree. Flowers blue, large; plant prickly.

41583. SWERTIA sp. Gentianaceæ.

"(No. 4812.) Tufted gentianaceous plant, growing in peaty turf among dwarf rhododendrons at an altitude of 15,000 feet. Spike of blue flowers 4 inches long."