

78312 to 78321.

From Japan. Seeds obtained by R. K. Beattie, Bureau of Plant Industry. Received December 27, 1928.

78312 to 78316. *CASTANOPSIS* spp. Fagaceae.

78312. *CASTANOPSIS CUSPIDATA* (Thunb.) Schottky. Japanese chinquapin.

Nos. 783 and 784. Collected in the Takano National Forest, Takaiyama Mura, Kimotsuke Gun, Kagoshima Ken, and received by Kanoya Eirinsho, Kimotsuke Gun, Kagoshima Ken, November, 1928.

For previous introduction and description see No. 78164.

78313 and 78314. *CASTANOPSIS KAWAKAMI* Hayata.

Collected at the Rengechi Forest Experiment Station, Taichu Province, Taiwan, at an altitude between 3,000 and 4,000 feet, November, 1928. The Japanese name is Okuri kashi, and the Taiwanese (Chinese) name is Toah-yokoratsu. A Japanese tree between 75 and 90 feet high.

78313. No. 789.

78314. No. 790. The same as No. 789 [No. 78313], but from a different lot of trees.

78315. *CASTANOPSIS STELLATO-SPINA* Hayata.

No. 791. Collected on Hiranza, a mountain 15 miles northeast of Kochun, near the southern end of Takao Province, November, 1928. *Togekuri kashi*. A Japanese evergreen tree.

78316. *CASTANOPSIS TAIWANIANA* Hayata.

No. 788. Collected at the Rengechi Forest Experiment Station, Taichu Province, Taiwan, at an altitude between 3,000 and 4,000 feet, November, 1928. The Japanese name is kuri kashi, and the Taiwanese (Chinese) name is chako.

78317. *FAGUS JAPONICA* Maxim. Fagaceae. Japanese beech.

No. 792. Collected by Seisho Nakayama in the Tokyo University Chichibu Forest, Chichibu Kyokuku, Saitama Ken, November, 1928. *Inu buna*. A Japanese tree up to 75 feet high, usually dividing at the base into several trunks. The ovate pointed leaves are 2 to 4 inches long, with slightly sinuate or entire margins, and the triangular nuts are one-fourth to three-fourths of an inch long.

78318. *FAGUS SIEBOLDII* Endl. Fagaceae. Siebold's beech.

No. 793. Collected by Seisho Nakayama in the Tokyo University Chichibu Forest, Chichibu Kyokuku, Saitama Ken, November, 1928. *Buna*. A tree, native to Japan, 90 feet high, with rhombic-ovate leaves, 2 to 4 inches long, having shallowly crenate margins.

78319 to 78321. *QUERCUS* spp. Fagaceae. Oak.

78319. *QUERCUS GILVA* Blume.

No. 787. Collected in the Nagao National Forest, Yamada Mura, Kitamuro Gun, Miyazaki Ken, and received from Miyakonojo Eirinsho, Kyushu,

78312 to 78321—Continued.

Miyazaki Ken, November, 1928. *Ichigashi*.

78320. *QUERCUS SESSILIFOLIA* Blume.

No. 785. Collected in the Nagao National Forest, Yamada Mura, Kitamuro Gun, Miyazaki Ken, and received from Miyakonojo Eirinsho, Kyushu Miyazaki Ken, November, 1928. *Tsu-kubane gashi*.

For previous introduction and description see No. 78167.

78321. *QUERCUS STENOPHYLLA* (Blume) Makino.

No. 786. Collected in the Nagao National Forest, Yamada Mura, Kitamuro Gun, Miyazaki Ken, and received from Miyakonojo Eirinsho, Kyushu, Miyazaki Ken, November, 1928. *Urafiro-gashi*.

For previous introduction and description see No. 78168.

78322 and 78323. *SPATHODEA* spp. Bigoniaceae.

From Honolulu, Hawaii. Seeds presented by Harry Johnson, Johnson Water Gardens, Hynes, Calif. Received December 20, 1928.

These two varieties were collected by Otto Degener.

78322. *SPATHODEA CAMPANULATA* Beauv.

A tree, native to tropical Africa, up to 70 feet high, with dark-green pinnate leaves 1 to 2 feet long, and large panicles of scarlet flowers each 4 inches long. The unopened flowers contain a quantity of water, which has secured for it the name fountain tree in India, where it is cultivated as an ornamental shade tree. The whitish fluffy seeds fill a boat-shaped capsule which is 10 to 12 inches long.

For previous introduction see No. 53983.

78323. *SPATHODEA NILOTICA* Seem.

A shrubby tree up to 20 feet high, native to the northern part of tropical Africa. The leaves, which are opposite and composed of 9 to 15 leathery leaflets, are covered beneath with dense short hairs, and the scarlet flowers are in short terminal clusters. Both the leaves and flowers resemble those of *Spathodea campanulata*.

For previous introduction see No. 58467.

78324 to 78327. *RUBUS* spp. Rosaceae.

From Alnarp, Akarp, Sweden. Plants presented by Carl G. Dahl. Received December 3, 1928.

78324. *RUBUS GLANDULOSUS* Bellardi. Blackberry.

A blackberry for which a description is not available.

78325. *RUBUS HORRIDUS* Hartm.

A blackberry native to Sweden, with angular, very thorny stems, white flowers, and small black fruits.

78326 and 78327. *RUBUS PLICATUS* Weihe and Nees. Blackberry.

78326. From Karup, Denmark.

78327. From Sunne, Sweden.