

## 77884 to 77951—Continued.

77908. *KALANCHOE GRANDIDIERRI* Baill.

La Table, Tullear, August 7, 1928. An arborescent succulent plant, native to Madagascar, with a smooth stem 3 to 6 feet high. At the top of the stem a flower stalk, about 20 inches high, bears a panicle-like cluster of pendulous violet flowers.

77909. *KALANCHOE LAXIFLORA* Baker.

Botanic Garden, Tananarive, September 28, 1928. A fleshy perennial, native to Madagascar, with flowering stems 2 to 3 feet long and oblong crenate leaves about 3 inches long. The pale-yellow flowers two-thirds of an inch long are borne in large panicles a foot long.

77910. *KALANCHOE SUAREZENSIS* Perrier.

Botanic Garden, Tananarive, September 28, 1928. An erect fleshy biennial, native to Madagascar, about 2 feet high, with lanceolate leaves, up to 10 inches long, which bear bulblets at their tips. The flowers, with red calyxes and pink corollas, are in many-flowered panicle-like clusters.

77911. *KALANCHOE SYNSEPALA* Baker.

Botanic Garden, Tananarive, September 28, 1928. An erect succulent perennial, native to central Madagascar, with the lower leaves opposite, sessile, oblong-spatulate, and about 1½ inches long. The small reddish flowers are in dense terminal cymes.

77912. *KALANCHOE* sp.

Between Betroka and Ihosy, September 19, 1928. A species with brown leaves.

77913 and 77914. *KALANCHOE TUBIFLORA* Hamet.

An erect succulent perennial, about 2 feet high, native to Madagascar. The green cylindrical leaves, irregularly striped and blotched with reddish green, bear at the summit small oval-oblong lobes. At the approach of the wet season these lobes enlarge into pseudobulbils, by which the plant may be propagated. The red flowers are produced in a rather dense cluster terminating the stem.

77913. South of Betroka, on the highway to Antanimora, September 18, 1928.

77914. On the highway between Betroka and Ihosy, September 19, 1928.

77915. *KALANCHOE* sp.

South of Betroka, September 18, 1928. A species with large leaves.

77916. *KALANCHOE* sp.

Between Betroka and Ihosy, September 19, 1928. An ornamental succulent about a foot high. The leaves, with brownish-red margins, are about 6 inches in length.

77917. *KALANCHOE* sp.

Behara, September 10, 1928.

77918. *KIGELIA MADAGASCARIENSIS* Baker. Bignoniaceae.

94537—30—3

## 77884 to 77951—Continued.

Betioky, August 23, 1928. A shrub about 15 feet high, with showy red, pink, or orange flowers about 7 inches in diameter. This plant occurs widely throughout southern Madagascar. Although the plant itself is somewhat straggly looking, because of the enormous flowers which are borne in winter while there are no leaves, it presents a striking appearance.

77919. *KALANCHOE* sp.

Ampanihy, September 6, 1928. A shrubby succulent with thick fleshy ovate leaves having rust-colored tomentum above and silver below, both getting dingy with age. Native to Madagascar.

77920. *KALANCHOE LAXIFLORA* Baker.

Mont Vatomavy (Andohahano), northwest of the village of Adena, Ambositra, at an altitude of about 6,000 feet. Similar to 77909, but the stems, petioles, and leaf margins have a decided reddish tinge.

77921. *MARSDENIA VERRUCOSA* (Bojer) Decaisne. Asclepiadaceae.

These seeds were obtained either at Itrobeta, Ampanihy, where the cuttings [No. 78441] were collected, or near Tongobory, where specimens were obtained.

77922 to 77928. *MASCARENHASIA* spp. Apocynaceae.77922. *MASCARENHASIA ARBORESCENS* A. DC.

*Hazondrano*. Collected between Ambositra and Ihosy, July 27, 1928.

77923. *MASCARENHASIA* sp.

Ihosy, July 29, 1928. *Hazondrano*. A rubber-bearing shrub about 42 feet high, which is similar to No. 77928 but probably different.

77924. *MASCARENHASIA* sp.

Ihosy, September 20, 1928. This may be the same as No. 77923.

77925. *MASCARENHASIA* sp.

Majunga. This is not the true *Kompitso*.

77926. *MASCARENHASIA* sp.

Ampanihy, September 3, 1928. *Kompitso*. This species is similar to and perhaps identical with No. 78455, cuttings from Behara. On casual examination it seems to be much like *Mascarenhasia*, except that the seed pods of this are only about 3 inches long. Possibly this is actually *Gonocryta grevei*, which is supposedly the plant in this region known as *Kompitso*. Considerable rubber is shipped out of Ampanihy each year, all of it being known as *Kompitso*, but the natives said that this contains a mixture of rubbers from various plants.

77927. *MASCARENHASIA* sp.

Betioky, August 15, 1928. *Hazondrano*.

77928. *MASCARENHASIA ARBORESCENS* A. DC.

Majunga, July 29, 1928. *Hazondrano*. This shrub is identical with that of No. 78443.