

78443 to 78466—Continued.

78443. Northeast of Majunga, near Belobaka, October 10, 1928. *Hazondrano*. A shrub about 18 feet high, formerly one of the most important sources of rubber in Madagascar, but now little used. The native name signifies a tree that grows near the water, and those growing in this region are found usually near the swamps.

78444. From Itrobeka, August 30, 1928. Possibly *Kompitso*.

78445. MASCARENHASIA SP.

Between Andina and Ambositra, July 21, 1928. Possibly *Kompitso*. It is probably identical with No. 78444.

78446. PACHYPODIUM sp. Apocynaceae.

A yellow-flowered, small-fruited, succulent shrub growing on rocks along the road between Ihoay and Ambalavao, September 20, 1928.

78447. PACHYPODIUM sp. Apocynaceae.

Growing on rocks on the road between Antanimora and Betroka, southeast of Bekily, September 18, 1928. A thorny succulent shrub, about 12 feet high, with few leaves, white flowers, and large fruits.

78448. RAVENALA MADAGASCARIENSIS Sonner. Musaceae. Traveler's-tree.

From Nossi Be, October 8, 1928. A magnificent tropical tree about 60 feet high with a palmlike trunk and banana-like leaves of gigantic size, arranged in two rows on opposite sides of the arboreous stem, giving one the impression of an immense fan. The leaves, when cut, yield an abundance of refreshing juice, with which travelers allay their thirst. The flowers are comparatively small, aggregated in the axils of the leaves. The arillus surrounding the beanlike seeds is of a beautiful ultramarine color and yields an essential oil. A dye is extracted from the capsules. Native to Madagascar.

For previous introduction see No. 42372.

78449. BULBINELLA sp. Liliaceae.

Collected about 50 feet from the seashore at Mombasa, Kenya, British East Africa, June 26, 1928. This plant has a rough bulbous root and leaves up to 8 inches long, green with irregular cross bars of darker green. No flowers yet, but apparently a spike with 10 to 20 flowers coming.

78450. SELAGINELLA sp. Selaginellaceae.

Growing with *Pachypodium* sp. [No. 78447] on the road between Antanimora and Betroka, southeast of Bekily, September 18, 1928.

78451. SENECIO ANTITENSIS Baker. Asteraceae.

Mont Antety, Ambositra, July 22, 1928. A much-branched bushy composite, native to Madagascar, with rather dense foliage. The small yellow flower heads are in lax corymbs.

78452. SENECIO BARORUM Humbert. Asteraceae.

No. 4957. Isalo, Ranohira, July 30, 1928. A glabrous shrub up to 8 inches high, with numerous elliptic or oblanceolate obtuse leaves and numerous

78443 to 78466—Continued.

flower heads in compact corymbs of variable size.

78453. (Undetermined.)

Upper Valley of Fiherenana, August 2, 1928. A rubber-bearing plant, native to Madagascar.

78454. (Undetermined.)

From Betioky, August 14, 1928. A rubber-bearing plant native to Madagascar.

78455. ANTHERICUM sp. Liliaceae.

From the grounds of the American Lutheran Mission, Behara, September 11, 1928. *Kompitso*. An important rubber-bearing plant of this region, native to Madagascar, with violet flowers.

78456 to 78459. (Undetermined.)

Amber Mountains, Diego Suarez, October 6, 1928. Orchids native to Madagascar.

78456. **78458.**

78457. **78459.**

78460. (Undetermined.)

Presented by F. W. DuCommun, Tamatave, October 2, 1928. A fern native to Madagascar.

78461. (Undetermined.)

Presented by F. W. DuCommun, Tamatave, October 2, 1928. A fern native to Madagascar.

78462 to 78464. (Undetermined.)

Plants native to Madagascar.

78462. From the grounds of the American Lutheran Mission, Behara, September 11, 1928. *Hoto*. An ornamental vine probably indigenous to Madagascar.

78463. Isalo, Ranohira, July 30, 1928.

78464. Isalo, Ranohira, July 30, 1928.

78465. (Undetermined.)

A species growing about 50 feet from the seashore at Mombasa, Kenya, British East Africa, June 26, 1928.

78466. (Undetermined.)

A shrub growing on the road between Antsirabe and Ambositra, July 20, 1928. Native to Madagascar.

78467. ACTINORHYTIS CALAPPARIA Wendl. and Drude. Phoenicaceae. Palm.

From Medan, Sumatra. Seeds presented by J. A. Lörzing. Received July 7, 1928. Numbered in December, 1928.

A robust East Indian palm 40 feet high, with a smooth stem conspicuously ringed, large pinnate leaves 9 feet long and 6 wide, and a large pendulous cluster of small flowers followed by ovoid red fruits 3 inches long.

For previous introduction see No. 67185.

78468 and 78469. BOUGAINVILLEA SPECTABILIS Willd. Nyctaginaceae.

From St. Croix, Virgin Islands. Cuttings presented by J. B. Thompson, Director of the St. Croix Experiment Station. Re-