

SPECIES DATA SHEET

Phalaenopsis viridis J.J. Sim 1982

Subgenus: *Fuscatae*



Phalaenopsis viridis

General Information:

This species is found in Sumatra. It is found on the eastern side of the island at 2600-3300 ft. (790-1000 m), usually on limestone rocks or low on tree trunks in dark nooks, sometimes with *Phalaenopsis fimbriata*. Unlike *Phalaenopsis fimbriata*, however, plants quickly die under cooler conditions, but they grow well at lower elevations and in warmer climates.

General Description:

This species is an epiphyte. The leaves are ovate to elliptic-ovate, tapered to the base, acute or sub obtuse, leathery, shiny and are 30 cm long by 8 cm wide. Inflorescences are erect racemes or few branched panicles, to 40 cm long, long-pedunculate, the rachis fleshy-thickened, the floral bracts ovate, acute, concave and up to 0.3 cm long. The flowers open simultaneously, the sepals and petals with a greenish yellow ground color almost completely obscured by a dark brown overlay, the lip and column are white, with all segments strongly revolute margins. The dorsal sepal is oblong-elliptic to oblong obovate, obtuse, and up to 2 cm long by 0.9 cm wide. The lateral sepals are sub similar to the dorsal sepal, oblique, acute, to 1.7 cm long by 0.9 cm wide. Petals are elliptic to elliptic-ovate, acute, to 1.6 cm long by 0.8 cm wide. The lip is three-lobed, to 1 cm long across the expanded lateral lobes, the lateral lobes are elliptic, truncate at the apex with both corners extended as narrow teeth, the mid lobe elliptic-obovate, obtuse-rounded, shallowly concave with a low median keel. The callus is biseriate, the posterior callus sulcate, bilobed, the anterior oblong, notched at the apex. The column is stout, almost straight, to 0.8 cm long. The pedicel and ovary are 2 cm long.

Botanical Varieties (if any)

None

Synonyms/Forms:

None

Awards:

This species has been awarded by the AOS 64 times over the period 1982 through 1989 (CCM-1; CBR-1).

Hybrids:

Phalaenopsis viridis has 17 First Generation offspring, and Total Progeny of 19 (through the 2nd generation). This species has also been involved in creating Primary Hybrids 14 times as both the seed and pollen parent.

None of the offspring have been awarded any AOS awards.

References:

Christenson, Eric, *Phalaenopsis, a Monograph*, Timber Press, Inc., 2001

Orchids Plus 1.4

OrchidWiz 5.1