

SPECIES DATA SHEET

Phalaenopsis gibbosa H.R. Sweet 1970

Subgenus: *Parishianae*



Phalaenopsis gibbosa

General Information:

This species is found in Laos and Vietnam. In southern Vietnam plants have been found in open forests between Saigon and Dalat as well as near Da Nang and several other locations. In the north, plants are reportedly found within a few hours' bicycle ride northwest of Hanoi.

General Description:

This species is an epiphyte with stems completely concealed by imbricating leaf bases. The leaves are elliptic-obovate, cuneate, acute, grading in size to 12 cm long by 4.5 cm wide. Inflorescences are slender, arching racemes or panicles, to 15 cm long, the peduncle terete, equal to the rachis, the rachis slightly flattened, fractiflex (zigzag), usually eight to ten flowered, the floral bracts alternate, distichous, ovate, acute, concave, to 4 mm long. Flowers are white with greenish suffusion toward the apices of the sepals and petals, the base of the column and the swellings at the base of the column bright yellow, the lateral lobes of the lip white with the leading-edge brown barred on yellow, the mid lobe of the lip with a pair of large, clear, bright yellow spots. The dorsal sepal is ovate-elliptic, obtuse-rounded, concave to 7.5 mm by 3.5 mm. The lateral sepals are obliquely ovate, subacute, adnate to the column foot to 6 x 4.5 mm. The petals are narrowly ovate-elliptic, obtuse rounded to 5 x 3 mm. The lip is three lobed, the lateral lobes erect, linear, retrorse-falcate, acuminate, to 2 mm long. The two lobes nearly touching at the middle with the combined structure U-shaped, the mid lobe triangular-reniform to 7 x 6 mm, obscurely three-lobulate, the lateral lobules rounded, the central lobules subacute. The callus is biseriate, the basal callus four thread-like appendages superposed over a transverse, crescent-shaped denticulate callus. The column is short, to 4 mm long, fleshy, laterally swollen at the base. The pedicel and ovary slender, arching to 4 mm long.

Botanical Varieties (if any)

Phalaenopsis gibbosa var. *wlodarczykiana* Roeth 2010

Synonyms/Forms:

None

Awards:

This species has been awarded by the AOS 5 times over the period 1999 through 2019 (AM-3; HCC-2).

Hybrids:

Phalaenopsis gibbosa has 5 First Generation offspring, and Total Progeny of 6 (through the 2nd generation). This species has also been involved in creating Primary Hybrids 4 times as both the seed and pollen parent.

References:

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

Orchids Plus 1.4

OrchidWiz 5.1