

# SPECIES DATA SHEET

*Phalaenopsis lobbii* (Rchb. F.) H. R. Sweet 1980

Subgenus: *Parishianae*



*Phalaenopsis lobbii*

### **General Information:**

This species is found in the Eastern Himalayas in Bhutan, northeastern India, Myanmar (Burma), Vietnam, and possibly Yunnan Province in southwest China. In India, plants have been found in the Khasia Hills in Assam and near Darjeeling in Sikkim where they grow in foothills at 1200-1500 ft. (370-460 m). In Myanmar, plants have been found near Nampakon. *Phalaenopsis lobbii* occur on especially rough-barked trees with decaying material filling the deep fissures where the roots grow.

### **General Description:**

This species is an miniature epiphyte forming clusters of stems by basal branching, with copious flattened roots. The leaves are broadly elliptic, obliquely two-lobed at the apex, to 13 cm long by 5 cm wide. Inflorescences are erect, few to six flowered racemes, the floral bracts minute, elliptic, obtuse. Flowers are white, the swollen base of the column with a few irregularly distributed brown spots, with a regular pair of darker brown spots below the apices of the swellings, the leading edges of the lateral lobes of the lip brown spotted, the mid lobe white with two broad, longitudinal chestnut brown stripes. The dorsal sepal is oblong-elliptic, obtuse, concave, to 10 mm long by 45 mm wide. The lateral sepals obliquely ovate to suborbicular, obtuse-rounded, lightly reflexed, to 8 mm long by 7 mm wide. The petals obovate-sub spatulate, obtuse-rounded to 8 mm by 4 mm. the lip is three-lobed, the lateral lobes erect, falcate, acute, parallel to the middle and then diverging forming a U-shaped structure to 3 mm by 1 mm, the mid lobe is kidney shaped, rounded-obtuse, concave with the lateral margins shallowly incurved. To 6 mm by 10 mm. the basal callus of four thread-like appendages superposed over a semi-circular callus with minutely irregular-sub denticulate margins. The column is short, somewhat arching to 5 mm long. The pedicel and ovary are 15 mm long.

### **Botanical Varieties (if any)**

*Phalaenopsis lobbii* var. *vietnamensis* O. Gruss & Roeth 2006

### **Synonyms/Forms:**

*Phalaenopsis lobbii* f. *flava* Christenson 2001

*Phalaenopsis lobbii* f. *flavilabia* Christenson 2001

### **Awards:**

This species has been awarded by the AOS 30 times over the period 1967 through 2021 (AM-14; HCC-4; JC-2; CBM-1; CCE-2; CCM-6; CHM-1).

### **Hybrids:**

*Phalaenopsis gibbosa* has 72 First Generation offspring, and Total Progeny of 136 (through the 3rd generation). This species has also been involved in creating Primary Hybrids 29 times as both the seed and pollen parent.

*Phalaenopsis* Micro Nova was registered in 1980 by H. Wallbrunn and is a hybrid of *Phal. maculata* x *Phal. lobbii*. It has 23 First generation offspring and 37 Total Progeny. The hybrid has been awarded three times by the AOS, all AM's.



*Phalaenopsis* Micro Nova

### **References:**

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

Orchids Plus 1.4

OrchidWiz 5.1