

Species Report

Phalaenopsis buyssoniana

Buysson's *Phalaenopsis* [French Horticulturist later 1800's]

Synonyms

- *Doritis buyssoniana* (Rchb.f.) J.M.H.Shaw, Orchid Rev. 111(1251): 47 (2003).
- *Doritis pulcherrima* var. *buyssoniana* (Rchb.f.) Aver., Lindleyana 22(2): 11 (2009).

Found in Thailand and Vietnam in lowland forests at elevations of sea-level to 900 meters.

Phalaenopsis buyssoniana is a robust, small sized, terrestrial plant stiffly erect inflorescences, flowers rose-pink, the lip darker rose, column dark rose, and its anther is white. Its lip is three-lobed with a transverse, uniseriate callus with the leading edge broadly rounded.

P. buyssoniana was considered synonym of *P. pulcherrima*. *P. buyssoniana* is tetraploid with 76 chromosomes and *P. pulcherrima* is a diploid with 38 chromosomes. Using colchine to double the numbers of chromosomes on *P. pulcherrima*, their flowers do not look similar than *P. buyssoniana*, especially in flower color, flower size and plant size and habitat. This Dr. Christenson's observation may support the separation of *P. buyssoniana* from *P. pulcherrima*.

Flowers of *P. buyssoniana* are pale pink and show little variation in their coloration, although a white-flowered form with a yellow lip has been reported from Thailand.

References

- Christenson, E. A. 2001. *Phalaenopsis* a monograph. Pp. 229 – 230.
- OrchidPro
- Orchidwiz Encyclopedia X7.1
- www.orchidspecies.com retrieved 3-19-21