

Accepted name: *Dendrochilum carinatum* Carr, J. Malayan Branch Roy. Asiat. Soc. 11: 74 (1933)

Subgenus – *Platyclinis*

Synonyms

None

Origin in the Wild

Sumatra

Elevation in the Wild

1,300 – 1,800 metres

Habitat in the Wild

This species is found on mountains of northern Sumatra growing on mossy tree trunks within montane forest. This species has been collected from near the Merek-Sidikalang road at 1,525 metres (Comber 2001).

The Plants Description

Rhizomes are short and branch. Pseudobulbs are an ovoid shape, and measure up to 1.2cm long and 4mm in diameter. Leaves are petiolate, petioles measure 8mm long. Leaf blades are a narrowly linear-lanceolate shape and have acute apices, measure 6cm long and 3mm wide.

The Inflorescence

Inflorescences are synanthous and emerge from new growths just as the leaves reach their full size. Peduncles measure 5.5cm long and rachises measure 3.5cm long. Flowers are spaced 2mm apart.

The Flowers

Between 15 and 17 flowers grow on an inflorescence. Flowers are a pale salmon colour; there is a darker coloured middle nerve on the tepals. Dorsal sepals are an elliptic shape and have obtuse apices. Dorsal sepals measure 3.3mm long and 1.8mm wide. Lateral sepals are adnate to the column foot, an obliquely ovate shape and have acute apices. Lateral sepals are the same length as the dorsal sepal but slightly wider. Petals are rounded and have are shortly acute apices. Petals measure 2.7mm long and 2.2mm wide. Labella are obscurely trilobed and measure c2.5mm long. Side lobes are a broadly rounded shape and mid-lobes semicircular. Mid-lobes are separated from the side lobes by a sinus that measures 0.9mm long. There are 4 transverse keels that join near the base. Columns are straight; the apical hood is irregularly dentate. Stelidia are a triangular shape, grow from the middle of the column and exceed the apical hood.

Herbarium Specimens

I could not locate any herbarium specimens

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Scent

I couldn't find any information

Flowering Season

Flowering plants have been collected in the wild between September and November.

Cultivation

I do not think this species is in cultivation

Similar Species

Dendrochilum karoense (see this page for the differences)

Other Information

This species is similar to *Dendrochilum karoense* but differs by its unusual keels.



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Reference -

COMBER, J.B. Orchids of Sumatra, 2001, Royal Botanic Gardens Kew

O'BYRNE, Peter. 2001, An A to Z of South East Asian Orchids, The Orchid Review Vol 109 n 1241, Sept-Oct p280-285

World Checklist of Selected Plant Families. 16 October 2008. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **16 October 2008**.

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