

Accepted name: *Dendrochilum carnosulilabrum* J.J.Sm., Repert. Spec. Nov. Regni Veg. 32: 177 (1933)

### Subgenus – *Platyclinis*

#### Synonyms

*Dendrochilum ovatum* J.J.Sm., Bull. Jard. Bot. Buitenzorg, III, 10: 30 (1928), nom. illeg.

#### Origin in the Wild

Sumatra

#### Elevation in the Wild

2,100 – 2,200 metres

#### Habitat in the Wild

This species has been collected from the summit of Mount Pinto in Northern Sumatra. Mount Pinto is close to Berastagi, Mount Sibayak must be climbed first to reach it.

#### The Plants Description

Rhizomes are pendent, branching and grow to 58cm long. Pseudobulbs are spaced 7-12cm apart along rhizomes. Pseudobulbs measure 2.4-3.2cm long. Leaves are petiolate; Petiole measure 1.2cm long. Leaf blades are an obliquely-ovate shape with long-acuminate apices; leaf margins at the apex sometimes fold inwards to meet one another. Leaf blades measure 5.5-12.5cm long and 1.7-5cm wide. Leaves are shorter when growing from a side branch.

#### The Inflorescence

Inflorescence are synanthous. Peduncle arch and measure 3-7cm long. Rachis measure 13-19cm long. Flowers are spaced 3-5mm apart.

#### The Flowers

I counted 50 flowers on the Leiden specimen's inflorescence. Flowers measure 6mm wide and 8.5mm long. Dorsal sepals are a narrowly oblong shape and have acute or apiculate apices. Dorsal sepals measure 5.7mm long and 2mm wide. Lateral sepals are an obliquely lanceolate shape and measure approximately the same as the dorsal sepal. Petals are an oblong-elliptic shape and have acute apices. Petals measure 5mm long and 2.25mm wide. The upper petal margins are erose. Labella do not have distinct side lobes however the margins at the base are erect. Labella are a broadly ovate shape and narrowed at the apices. Labella measure 3.5mm long and 2.6mm wide, are minutely hairy and have two keels that are connate from the base and separate to form a U-shape. Columns measure 1.5mm long. Apical hoods are broad, concave and mildly dentate. Stelidia grow from above the middle of the column and incurve at their obtuse apices; Stelidia do not reach the column apex.

#### Herbarium Specimens

Holotype

National Herbarium Netherlands, Leiden (L)

[www.dendrochilum.com](http://www.dendrochilum.com)

Written by Trey Sanders - Please use with permission

[Specimen L0058455](#) (photo)

Scent

I could find no record

Flowering Season

The specimen above was collected during January

Culture

I do not think this species is in cultivation

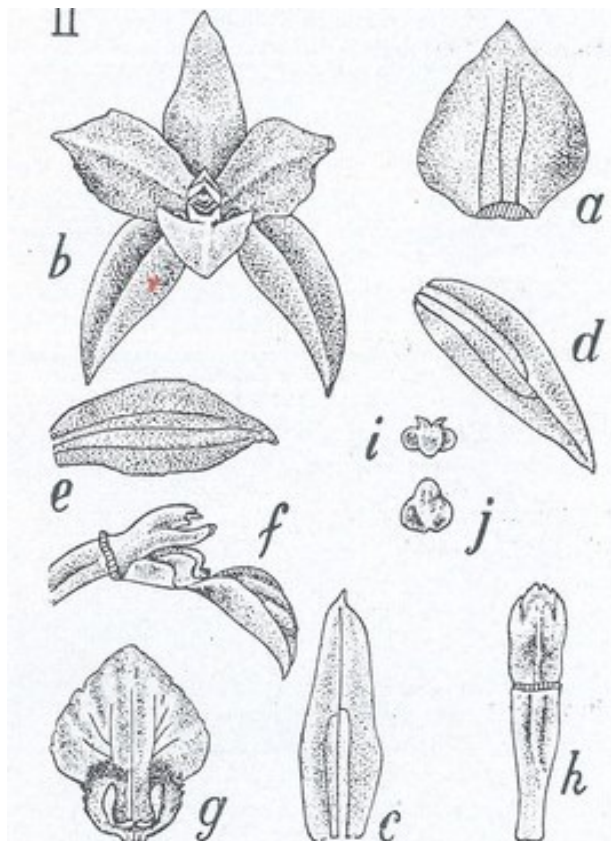
Similar Species

- Dendrochilum latilobum*
- Dendrochilum longicaule*
- Dendrochilum incurvibrachium*
- Dendrochilum decipiens*
- Dendrochilum adpressibulbum*

Other Information

I have mostly used Jim Combers description. Jim Comber based his description on J.J Smith's description of *Dendrochilum ovatum* in 1928. When J.J Smith wrote that description he forgot that he had already used *Dendrochilum ovatum* in 1922 for a different species. J.J Smith changed the name to its current name when he compiled his enumeration of Sumatran orchids in 1933.

Jim Comber wrote that this species is closely related to *Dendrochilum latilobum*.

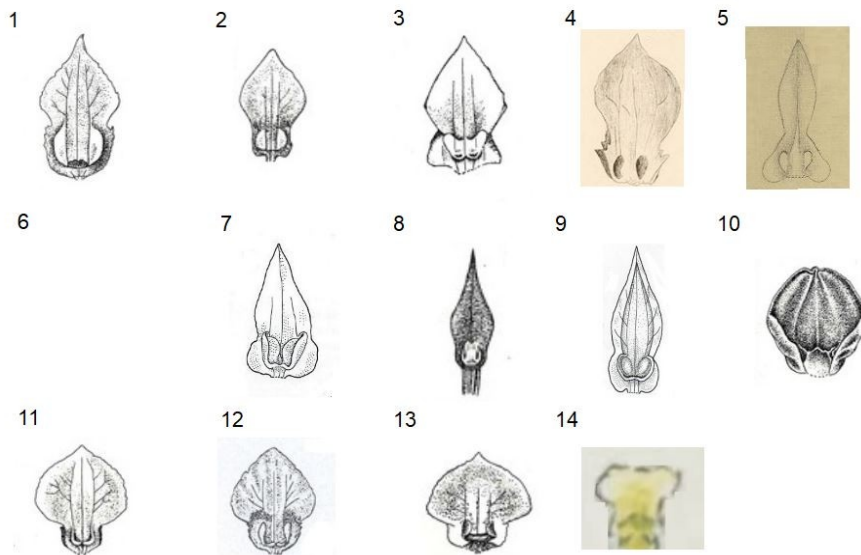


Left: Illustration by J.J. Smith



The illustration above is by Sandiwirio

The *decepiens* group (Sumatra species, long rhizomes with pseudobulbs spaced at least 2.5cm apart)  
- labellum comparison



- 1 – *Dendrochilum decepiens*
- 2 – *Dendrochilum incurvibrachium*
- 3 – *Dendrochilum adpressibulbum*
- 4 – *Dendrochilum vaginatum*
- 5 – *Dendrochilum elegans*
- 6 – *Dendrochilum kabense*
- 7 – *Dendrochilum lepidum*
- 8 – *Dendrochilum acuminatum*
- 9 – *Dendrochilum teleense*
- 10 – *Dendrochilum lamellatum*
- 11 – *Dendrochilum longicaule*
- 12 – *Dendrochilum carnosulilabrum*
- 13 – *Dendrochilum latilobum*
- 14 – *Dendrochilum barbifrons*

Drawings by:

J.J Smith  
Rudolf Schlechter  
Fritz Kränzlin  
Susanna Stuart-Smith

Image created by Trey Sanders for [www.dendrochilum.com](http://www.dendrochilum.com)

Reference –

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

SMITH, J.J. 1933, Repert. Spec. Nov. Regni Veg. 32: 177

World Checklist of Selected Plant Families. 03 October 2008. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **03 October 2008**.