

Accepted name: *Dendrochilum edentulum* Blume, Bijdr.: 399 (1825)

Subgenus – Platyclinis

Synonyms

Platyclinis edentula (Blume) Benth. ex Hemsl., Gard. Chron., n.s., 16: 656 (1881).
Acoridium edentulum (Blume) Rolfe, Orchid Rev. 12: 220 (1904).

Origin in the Wild

var. edentulum

Java

var. patentibracteatum

Sulawesi

Elevation in the Wild

1,300 – 2,100 metres on Java
3,000 metres on Sulawesi

Habitat in the Wild

On Java, this species has been recorded on Gunung Salak and Gunung Halimun where it was found growing in moist forest. Jim Combers photo below was taken on Prah Dieng. On Sulawesi, this species has been collected on Rantemario, Gunung Roroka Timbu and Gunung Nokilalaki.

The Plants Description

Pseudobulbs cluster along a short rhizome and are spaced 0.5cm-1.0cm apart. Pseudobulbs are terete, measure 2cm long and 0.5cm in diameter. Leaves are petiolate; petioles measure c1.5cm long. Leaf blades are a lanceolate shape and measure c10cm long and c1.5cm wide.

I have not yet seen the original description of *Dendrochilum edentulum var. patentibracteatum*.

The Inflorescence

Inflorescences are synanthous and appear from developed pseudobulbs. Inflorescences measure 20cm long.

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The Flowers

The flowers are yellow-green (Blume 1825). Sepals are an ovate shape and measure 2-3mm long. Petals are slightly shorter, an oval shape with obtuse apices. Petal margins are erose. Labella are entire and an ovate shape with obtuse apices. There

are two indistinct keels that are connected at the base by a transverse ridge. Apical hoods have a four dentate margin. Stelidia grow outwards from the middle of the column. Stelidia are equal to the column apex.

I have not yet seen the original description of *Dendrochilum edentulum* var. *patentibracteatum*.

Herbarium Specimens

Holotype - var. edentulum

National Herbarium Netherlands, Leiden (L)

[Specimen L0058443](#) (photo)

Holotype - var. patentibracteatum

National Herbarium Netherlands, Leiden (L)

[Specimen L0058442](#) (photo)

Other herbarium specimens

var. edentulum

National Herbarium Netherlands, Leiden (L)

[Specimen L0322459](#)

[Specimen L0322460](#)

[Specimen L0322461](#)

[Specimen L0322462](#)

[Specimen L0322463](#)

Royal Botanic Gardens Kew (K)

[Specimen K000364952](#)

var. patentibracteatum

National Herbarium Netherlands, Leiden (L)

[Specimen L0322466](#)

[Specimen L0322467](#)

[Specimen L0322468](#)

[Specimen L0322469](#)

Scent

I could find no record.

Flowering Season

Flowering plants have been collected during February (Blume 1825), July (Blume 1825), August and October. *Var. patentibracteatum* has been collected in the wild during March and May.

Cultivation

www.dendrochilum.com

Written by Trey Sanders - Please use with permission

I do not think this species is in cultivation outside of the Hortus Botanicus in Leiden

Similar Species

Dendrochilum ventricosum (see this page for the differences)

Other Information

At the time of writing, this is the smallest described *Dendrochilum* on Java (Comber 1990).



J.J. Smith's illustration from *Die Orchideen von Java*, Figurenatlas, t 121



The photo above is of a live Javan plant cultivated in the Hortus Botanicus in Leiden. The photo was taken by Andre Shuiteman and is used with permission ©



The photo above and below are of a live Javan plant cultivated in the Hortus Botanicus in Leiden. The photos were taken by Andre Shuiteman and are used with permission ©





This photo was taken by the late Jim Comber in Java and bequeathed to the Royal Botanic Gardens Kew. The photo is reproduced with permission from the Director, Royal Botanic Gardens, Kew.

Reference –

BLUME, C.L. 1825, *Bijdragen tot de Flora van Nederlandsch Indië*,

COMBER, J.B. *Orchids of Java*, 1990, Royal Botanic Gardens Kew, UK

PEDERSEN, Henrik. 1995, Thirteen new species of *Dendrochilum* (Orchidaceae), a new record from Burma, and a checklist of the genus in East Malesia. *Nord. J. Bot* 15:381-402. Copenhagen, Denmark.

Smith, J.J., 1908, *Die Orchideen von Java*, Figurenatlas, t 121

World Checklist of Selected Plant Families. 27 July 2009. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **27 July 2009**.