

Accepted name: *Dendrochilum geesinkii* J.J. Wood in J.J. Wood & P.J. Cribb, Check-list Orchids Borneo: 175 (1994).

Subgenus – *Platyclinis*.

Synonyms

None

Origin in the Wild

Sarawak and Kalimantan Timur

Elevation in the Wild

1,290 - 1,400 metres

Habitat in the Wild

Within Kalimantan this species has been collected at Apo Kayan on the base of Mount Tapa Sia between Long Bawan and the Panado hill forest.

Within Sarawak this species has been collected in the Limbang District on the route to Batu Lawi.

The habitat has been described as hill forest on sandstone and mixed hill dipterocarp forest along a ridge top (Wood 2001).

The Plants Description

Pseudobulbs cluster together along rhizomes, rhizomes can grow to 6cm long; with pseudobulbs spaced 0.5-0.6 cm apart. The pseudobulbs are a cylindrical or narrowly oblong shape and measure 6.0-9.0 cm long and 0.6-1.0cm in diameter. Pseudobulbs are covered by 3 cataphylls while they are growing. The cataphylls disintegrate into fibres as pseudobulbs mature. Leaves are petiolate; petioles measure 1.5-2.5 cm long. Leaf blades are an oblong-elliptic, ligulate shape and have obtuse and mucronate to subacute apices. Leaf blades measure 11.5-22.0 cm long and 1.4-2.2 cm wide. Leaf blades are coriaceous and have 7 distinct nerves along their length.

Inflorescences are synanthous and appear when the leaves are almost fully expanded. Peduncles are erect to gently curved and measure 13-17 cm long. Rachises are arching and measure 20-23 cm long. Rachises are quadrangular in cross-section. Flowers alternate distichously and are spaced 1.8-2.0mm apart. There is one non floriferous bract at the base of the rachis.

Flowers are a pale green colour (Wood 2001). Dorsal sepals are a narrowly triangular shape and have acuminate apices. Dorsal sepals measure 6.0 mm long and 1.0mm wide. Dorsal sepals are 3-veined and have entire margins. Lateral sepals are a narrowly elliptic shape, subfalcate and have acute apices. Lateral sepals measure 5.5 mm long and 1.0 mm wide. Lateral sepals are 3-veined and have entire margins. Petals are a linear to narrowly elliptic shape, subfalcate and have acute apices. Petals measure 5.0 mm long and 0.8 mm wide. Petals are 3-veined and have minutely erose margins. Labella are 3-nerved and are obscurely 3-lobed. Labella measure 3.8-4.0 mm long and 2.0 mm wide. Side lobes are auriculate and tooth like. Mid-lobes are papillose, an oblong-elliptic shape and have obtuse apices. The margins of the mid-lobe are irregular. There are three keels than terminate halfway along the mid-lobes.

The keels are joined basally by a transverse ridge. The third keel is an elevated median nerve that joins the keels basally to form an M shape. Columns are slightly incurved and measure 2.0 mm long. Column feet are prominent. Apical hoods are elongated, an oblong shape and have obscurely tri-lobed apices. Stelids grow upwards from the middle of the column and exceed the column apices. Stelids are a narrowly triangular shape and have obtuse to acute apices.

Herbarium Specimens

Holotype

National Herbarium Netherlands, Leiden (L)

[Specimen L0056514](#) (photo)

Isotype

Royal Botanic Gardens, Kew (K)

Specimen – not located.

BO

KYO

Other herbarium specimens

AAU

KEP

MEL

SING

National Herbarium Netherlands, Leiden (L)

[Specimen L0322487](#)

[Specimen L0322488](#)

Royal Botanic Gardens Kew (K)

[Specimen 56819.000](#)

Scent

I could find no record.

Flowering Season

Flowering plants have been collected during July and August.

Cultivation

I do not think this species is in cultivation.

Similar Species

Dendrochilum crassifolium

www.dendrochilum.com

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Other Information

Jeffrey Wood wrote that this species is related to *Dendrochilum crassifolium* but differs by its longer pseudobulbs, slightly smaller flowers, auriculate side lobes and stelia that exceed the column apex (Wood 2001).

The epithet refers to the late Rob Geesink of the National Herbarium in the Netherlands (Wood 1997).



A digital image of the holotype from Leiden (L)

Reference –

WOOD, Jeffrey. 1997, Orchids of Borneo volume 3. The Sabah Society, Kota Kinabalu, Malaysia.

WOOD, Jeffrey. Dendrochilum of Borneo, 2001. Natural History Publications (Borneo), Malaysia.

World Checklist of Selected Plant Families. 23 July 2009. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **23 July 2009**.