

Accepted name: *Dendrochilum hamatum* Schltr., Repert. Spec. Nov. Regni Veg. 9: 340 (1911)

Subgenus – *Platyclinis*

Synonyms

None

Origin in the Wild

Kalimantan and Sarawak

Elevation in the Wild

Not known

Habitat in the Wild

Plants have been collected near Undup in Sarawak's Sri Aman District and from an unknown locality in Kalimantan.

Nothing else is known about the habitat this plant has been found in.

The Plants Description

Pseudobulbs cluster along elongated rhizomes that can reach lengths of 10 cm. Pseudobulbs are spaced 1.0-1.5 cm apart along the rhizomes and are a cylindrical shape. Pseudobulbs measure 1.0-1.5 cm long and 0.4 cm in diameter. Leaves are petiolate; petioles measure 0.5-1.5 cm long. Leaf blades are a linear-ligulate shape and have acute apices. Leaf blades measure 3.5-9.5 cm long and 0.3-0.4 cm wide.

Inflorescences are synanthous. Peduncles are erect and measure c1.7-4.0 cm long. Rachises are erect and measure 3.5-5.5 cm long. Flowers alternate distichously and are spaced 3.0-4.0 mm apart. There are no appressed non-floriferous bracts at the base of the rachises.

Between 10 and 16 flowers have been recorded growing on an inflorescence (Wood 2001). Sepals and petals are lemon-yellow and have white bases, labella are darker lemon-yellow, darker mustard yellow basally or whitish, the keels are pale lemon. Columns are lemon yellow and apical hood margins and stelids are white (Wood 2001). Sepals and petals spread widely. Dorsal sepals are a narrowly elliptic or oblong-elliptic shape and have acute apices. Dorsal sepals measure 5.0 mm long and 1.0-1.5 mm wide. Dorsal sepals are three veined and have entire margins. Lateral sepals are a slightly obliquely narrowly elliptic shape and have acute apices. Lateral sepals measure 4.2-5.0 mm long and 1.2-1.8 mm wide. Lateral sepals are three veined and have entire margins. Petals are an obliquely narrowly elliptic or ligulate shape, slightly falcate and have acute apices. Petals measure 4.0-4.2 mm long and 0.9-1.2 mm wide. Petals are three veined and have minutely serrulate margins. Labella are shortly clawed, deflexed from the claw, three veined and entire. Labella measure 2.5-3.2 mm long and 1.8-2.0 mm wide. Labella have irregularly toothed margins on their proximal half and entire margins on the apical half. Labella are an oblong-ligulate to subpandurate shape and have subacute apices; labella are narrower at their middle. There are two short keels that are not joined basally. Column is curved and measure 2.1-2.5 mm long. Column feet are prominent. Apical hoods are prolonged into rounded apices with entire or shortly five dentate margins. Stelids

grow outwards from the top of the columns, at the base of the hoods, and are shorter than the column apices. Stelids are deflexed, upturned at their apex and hamate.

Herbarium Specimens

Holotype

B (Destroyed)

Isotype

AMES

[Specimen 98764](#) (drawing of the type)

FI

Other herbarium specimens

Royal Botanic Gardens Kew (K)

[Specimen 61375.000](#)

[Specimen 61370.000](#)

[Specimen 61376.000](#)

National herbarium Netherlands (L)

[Specimen L0322532](#)

BO

Scent

I could find no record.

Flowering Season

Flowering plants have been collected in the wild during January and September.

Cultivation

I do not think this species is in cultivation.

Similar Species

Dendrochilum pubescens

Other Information

This species was only known from its original collection by Odoardo Beccari until Phillip Cribb recently photographed this species growing at the Bogor Botanical Garden in Java. The plant had been collected in West Kalimantan.

The plant resembles *Dendrochilum pubescens* by its similar habit, labellum morphology and flower colour. *Dendrochilum hamatum* differs by its leaves, the hamate stelidia and the floral pubescence found on *Dendrochilum pubescens* (Wood 2001).

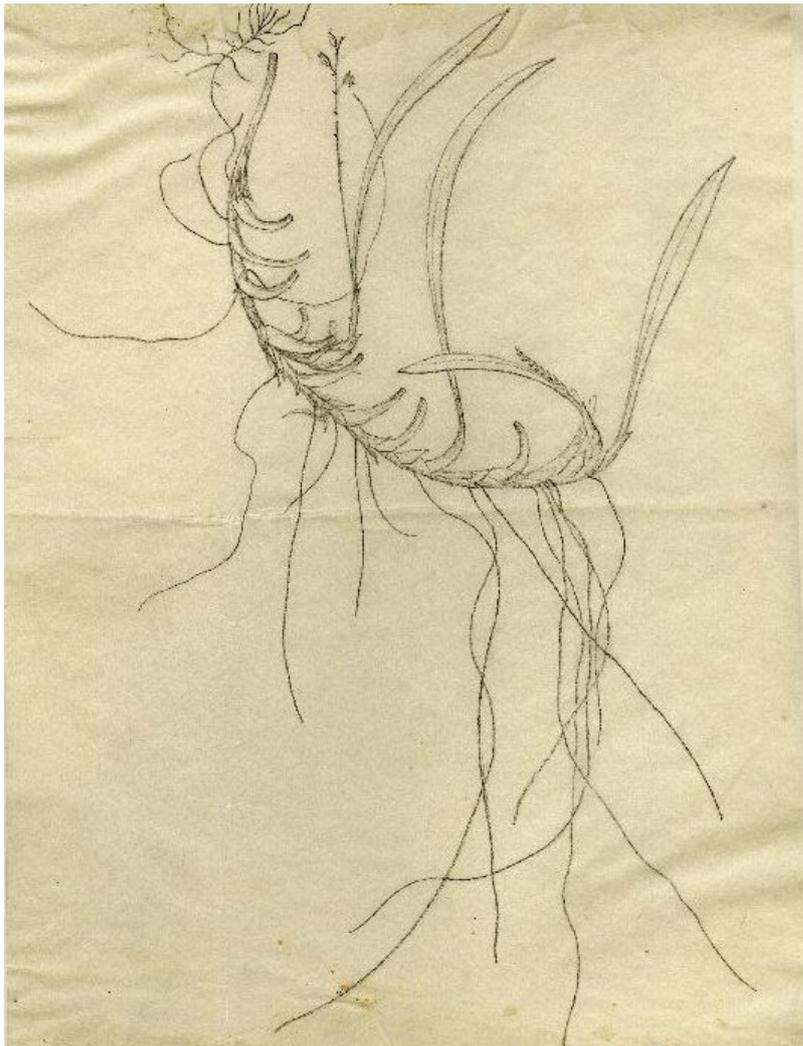
The epithet refers to the hook on the apex of the stelidia.

www.dendrochilum.com

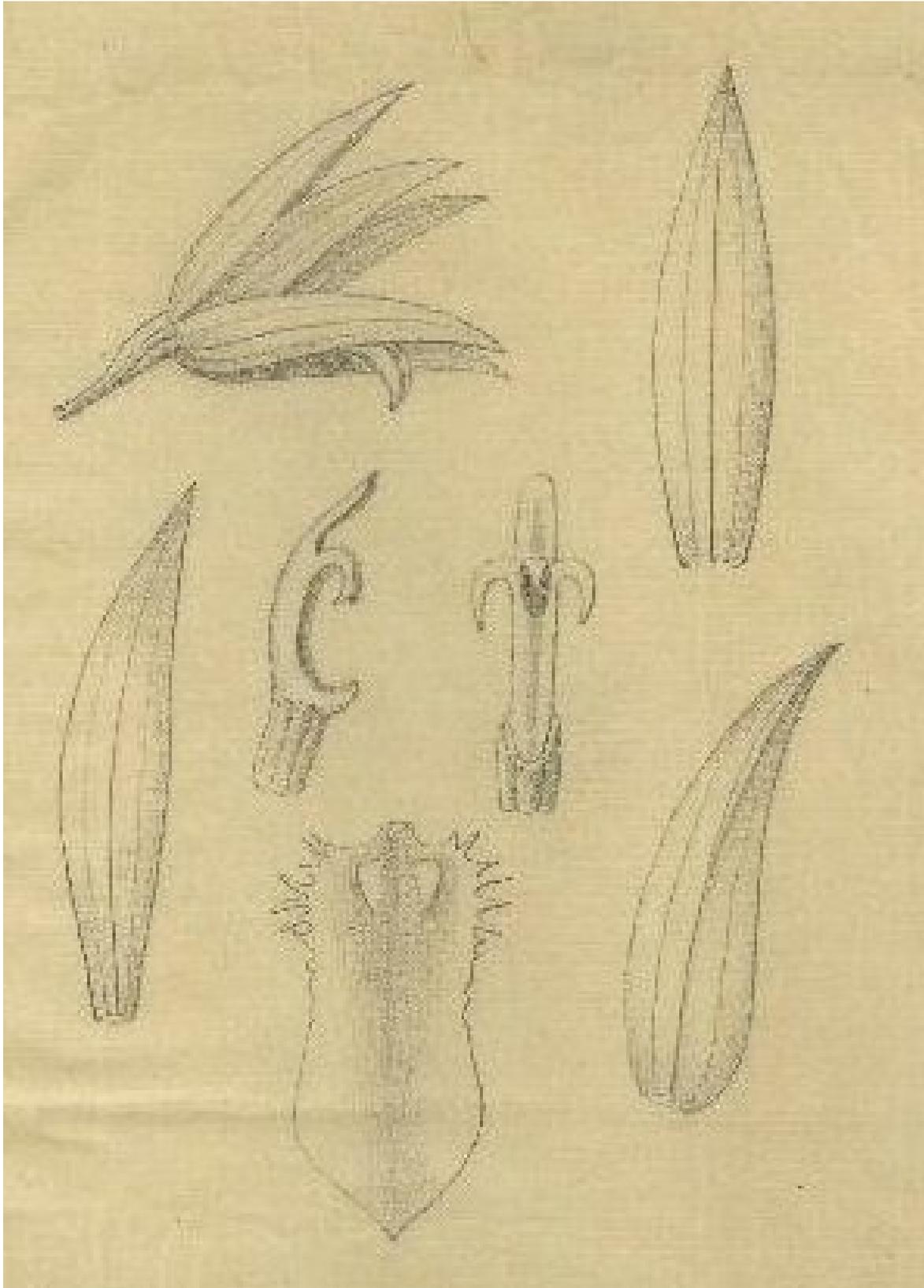
Written by Trey Sanders - Please use with permission.



This photo was taken by Anthony Lamb and is reproduced on this website with permission by Jeffrey Wood. ©



An illustration by Schlechter



An illustration by Schlechter

Reference –

BEAMAN, Teofila, WOOD, Jeffrey, BEAMAN, Reed, BEAMAN, John. 2001, Orchids of Sarawak, Natural History Publications Borneo, Kota Kinabalu, Malaysia.

SCHLECHTER, R. 1911, Repert. Spec. Nov. Regni Veg. 9: 217-266

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

World Checklist of Selected Plant Families. 24 July 2009. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **24 July 2009**.