

Accepted name: *Dendrochilum copelandii* (Ames) Ames,
Orchidaceae 2: 12 (1908).

Subgenus – *Platyclinis*.

Synonyms

Acoridium copelandii Ames, Proc. Biol. Soc. Wash. 19: 153 (1906).

Origin in the Wild

Mindanao

Elevation in the Wild

Not known

Habitat in the Wild

Not known

The Plants Description

This species clumps and has oblong shaped pseudobulbs that measure 3.3-4.3cm long. Cataphylls are unrecorded. Leaves are petiolate; petioles measure 4-5cm long. Leaf blades are a lanceolate shape and have acuminate, obtuse-subacute apices. Leaf blades measure 9-17cm long and 1.8-2.5cm wide.

The Inflorescence

Peduncles measure 8-9cm long. Rachises measure 10cm long. Flowers are spaced 1mm apart.

The Flowers

Flowers are a pale salmon colour. Sepals and petals open widely. Dorsal sepals have entire margins. Lateral sepals are an ovate-lanceolate shape and have acute apices. Lateral sepals measure 2.5mm long. Lateral sepals are 3-veined and have entire margins. Petals are an oblong shape and have acute apices. Petals measure 2mm long and have entire margins. Labella are pendent, ecallose and entire. Labella are a broadly lanceolate shape with obtuse or subacute apices. There are no ornaments on the labellum. Columns measure 1.5mm long. Apical hoods are three dentate. Stelidia grow upwards from the top of the column and are slightly shorter than the lateral lobes of the apex.

Herbarium Specimens

Holotype

Philippine National Herbarium (PNH)

Specimen – destroyed

Isotype

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AMES

[Specimen 29](#) (photo) (Holotype fragment)

Other herbarium specimens

Kew Botanical Gardens (K)

[Specimen 71529.000](#)

Scent

No

Flowering Season

Unknown

Cultivation

Not in cultivation

Similar Species

Dendrochilum convallariaeforme

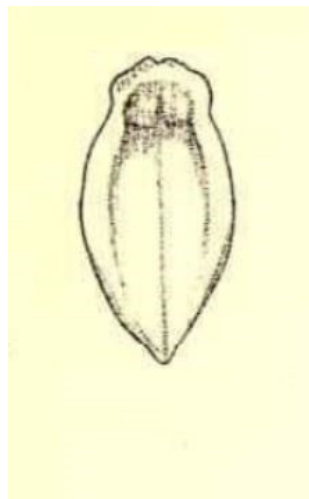
Dendrochilum mearnsii (see this page for the differences)

Dendrochilum graciliscapum

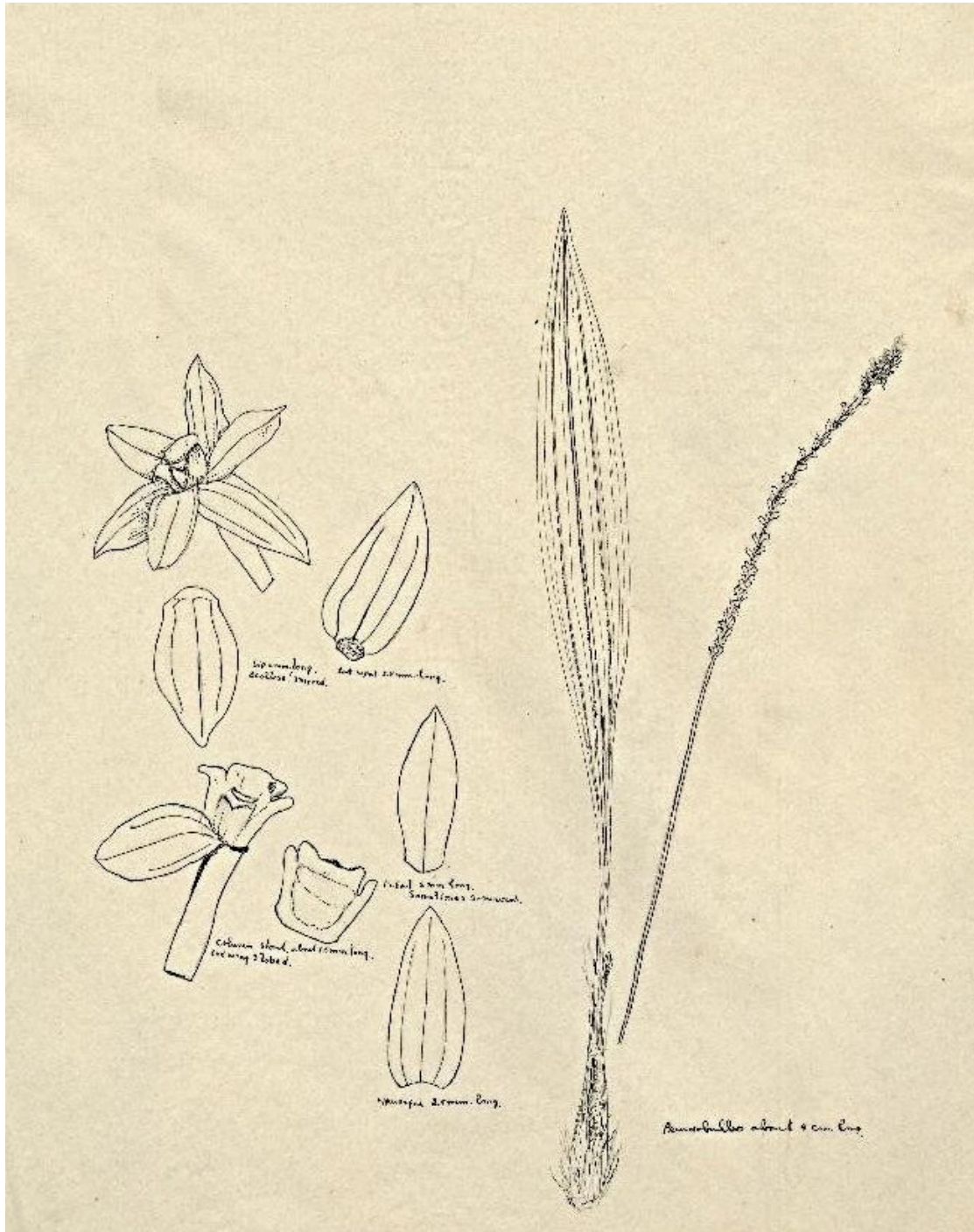
Additional Comments

Ames compared this species to *Dendrochilum bistortum* (*convallariaeforme*). Henrik Pedersen wrote that (1997) Ames was led by a poor illustration of *Dendrochilum bistortum*. Pfitzer and Kränzlin added *Dendrochilum copelandii* as a synonym of *Dendrochilum convallariaeforme* a decision Pedersen disagreed with. Pedersen wrote (1997) that Ames description does not fit with *Dendrochilum convallariaeforme* and the two species do not appear to be closely related. Ames, when describing *Dendrochilum mearnsii* (1908) wrote that this species appeared closer to *Dendrochilum copelandii* a decision Pedersen agreed with.

Henrik Pedersen wrote that the holotype was destroyed during the Second World War (Pedersen 1997).



Left: An illustration of the labellum by Kränzlin



Above: An illustration by Oakes Ames

Right: A drawing by
Oakes Ames of the plant
and labellum



Reference –

AMES, Oakes. 1908, Illustrations and studies of the Family Orchidaceae Facsimile 2, Ames Botanical Laboratory, North Easton, Massachusetts, Boston.

PEDERSEN, Henrik. 1997, The Genus *Dendrochilum* (Orchidaceae) in the Philippines – A Taxonomic Revision. Opera Botanica, Denmark.

World Checklist of Selected Plant Families. 30 July 2008. The Board of Trustees of the Royal Botanic Gardens, Kew. Published on the Internet; <http://www.kew.org/wcsp/> accessed **30 July 2008**.

www.dendrochilum.com

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