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A new *Anathallis* (Orchidaceae: Pleurothallidinae) from the Brazilian Amazon

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Abstract

A new species of *Anathallis* is described from the Brazilian Amazon, state of Amazonas. It is known only from the central Amazon. The unlobed lip distinguishes it from morphologically related species.

Resumo

Uma nova *Anathallis* é descrita para a Amazônia brasileira, estado do Amazonas. É conhecida apenas para Amazônia central. O labelo não lobado a distingue das espécies morfológicamente relacionadas.

Key words: Amazon, diversity, epiphytes, *Panmorphia*, *Anathallis amazonica*

Introduction

Anathallis Barbosa Rodrigues (1877: 23) is a Neotropical orchid genus with about 161 spp. (Luer & Toscano-de-Brito 2011; Govaerts *et al.* 2012). The genus was reestablished by Pridgeon & Chase (2001), and comprises species originally placed in *Pleurothallis* sect. *Muscosae* Lindley (1842: 82) and *P.* subg. *Acuminatia* Luer (1999: 98). Species of *Anathallis* are epiphytic, caespitose to repent plants with a secondary stem about as long as the leaf, with an annulus. Lateral sepals may be totally free to connate and the lip is hinged to the column foot (Pridgeon & Chase 2001).

Barros *et al.* (2012) cited 80 spp. of *Anathallis* from Brazil, ten of which are recorded from the Amazon Basin. These ten species are morphologically similar, and according to Luer (2006), they should be treated under the genus *Panmorphia* Luer (2006: 144).

In a recent study conducted at the Brazilian herbaria INPA and HUAM (Herbarium of the Universidade Federal do Amazonas), several specimens of a new Amazonian *Anathallis* species were found. It is clearly related to the *Panmorphia* group, and it is described and illustrated below, and its affinities with the allied species are also discussed.

Anathallis amazonica E.Pessoa & M.Alves, *sp. nov.* (Fig. 1)

Type:—BRAZIL. Amazonas: Coari, Campo Petrolífero do Rio Urucu, 04°08'25"S, 65°33'13"W, 70 m, 9 May 1993, *J. da Cruz* 242 (fl,fr) (holotype INPA!, isotypes, HUAM!, UFP!)

A. amazonica is morphologically related to *A. holstii* (Carnevali & Ramírez 1986: 18) Luer (2009: 258), *A. polygonoides* (Grisebach 1864: 609) Pridgeon & Chase (2001: 250) and *A. sertularioides* (Swartz 1788: 122) Pridgeon & Chase (2001: 250), but differs especially by having an oblong entire lip (trilobed in the others).