

# Expansion of the geographical distribution of *Notylia angustifolia* (Orchidaceae): first record for the Amazonas state (AM), Brazil<sup>a</sup>

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## Abstract

*Notylia angustifolia* Cogniaux is reported for the first time for the Brazilian State of Amazonas.

## Résumé

*Notylia angustifolia* (Orchidaceae) : premier enregistrement pour l'état d'Amazonas (Brésil) – *Notylia angustifolia* Cogniaux, connu au Brésil dans les états de Roraima et Rondônia, est ici rapporté pour l'état d'Amazonas.

The Neotropical genus *Notylia*, proposed by Lindley in 1825, is comprised of about 60 species (Chase *et al.*, 2003), of which 25 can be found in Brazil, 15 in the Brazilian Amazon and 7 in the State of Amazonas (Barros *et al.*, 2015). *Notylia angustifolia* Cogniaux has recently been reported from Brazil by Pessoa *et al.* (2013), more precisely from the *Parque Nacional do Viruá*, in the State of Roraima (RR). This species also occurs in the State of Rondônia (RO), near the Rio Jarú, *município* Jí-Paraná (Barros *et al.*, 2015). The goal of the present note is to report the first record of the species for the State of Amazonas (AM - Fig. 1).

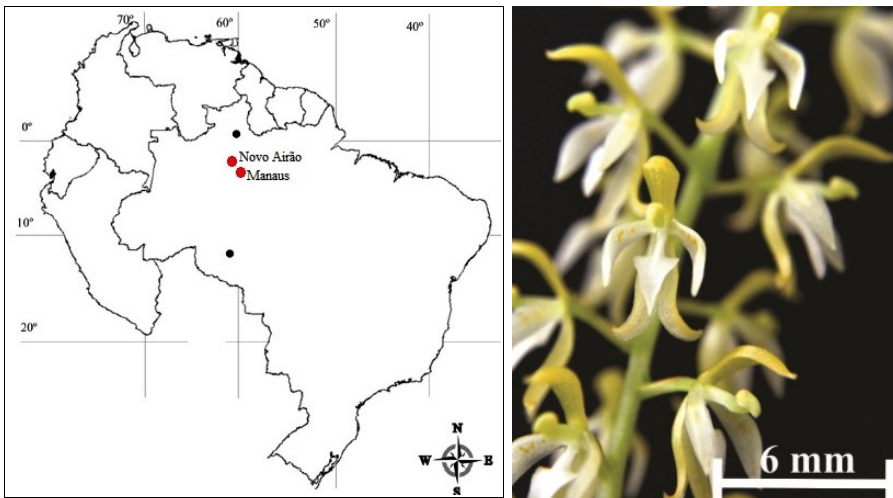
Material: BRASIL; Amazonas: Manaus, BR 174, KM 44, Reserva Biológica da Campina, Campina aberta, 10.IX.2011, floresceu em cultivo em 16. XII.2014, A. H. Krahl & J. J. Valsko 486 (EAFM); Novo Airão, KM 27, campinarana, 13.XII.2014, A. H. Krahl & J. J. Valsko 485 (INPA).

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<sup>a</sup> : manuscrit reçu le 22 juillet 2015, accepté le 11 août 2015

article mis en ligne sur [www.richardiana.com](http://www.richardiana.com) le 12/08/2015 – pp. 323-325 - © Tropicalia  
ISSN 1626-3596 (imp.) - 2262-9017 (élect.)

The specimens have been treated according to the usual process (Mori *et al.*, 1989) for future placement in the herbaria of the *Instituto Nacional de Pesquisas da Amazônia* (INPA) and the *Instituto Federal do Amazonas* (EAFM). Flowers have been preserved in 70% alcohol to allow later taxonomic analysis and illustration (Fig. 2). The specimens were identified with the help of Dunsterville & Garay (1966) and Pessoa *et al.* (2013). Flowering and habitat data were obtained from field observations. The general distribution of the taxon was obtained from WCSP (2015) and Barros *et al.* (2015). Out of Brazil, *Notylia angustifolia* is known from Trinidad & Tobago, Venezuela and French Guiana.



*Notylia angustifolia*

**Fig. 1: Distribution in Brazil**

**Fig. 2: flowers**

● anterior collections ● present collections

The first specimen was found in the *campina* (a kind of open grassland) area of the Biological Reserve of Campina (INPA), which is located at km 44 on the BR174 road, connecting Manaus (AM) to Boa Vista (RR).

The second specimen was collected in flower in a *campinarana*, in the *município* Novo Airão (AM), near km 27 of the highway. It was growing on lower branches of Macucú (*Aldina heterophylla* Spruce ex Bentham), at about 2.5 m above ground level. The environment presented many thin shrubs, bright light conditions and a very irregular ground, with many depressions allowing water accumulation.

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