

Seção: Sistemática/Taxonomia***Tripogandra warmingiana* (Seub.) Handlos, AN OBSCURE TAXON OF THE BRAZILIAN COMMELINACEAE: TAXONOMICAL AND CONSERVATIONAL ASPECTS**

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The Commelinaceae can be distinguished from the other monocotyledons by their succulent stems, closed leaf sheaths, cincinnus inflorescences and deliquescent flowers. It comprises 42 genera and ca. 670 species, with mainly tropical and subtropical distribution. Due to the lack of economic value, information and specialists, many families and genera have no recent floras and data on taxonomy or ecology. Commelinaceae is no exception and because of this, no collecting effort has been made in order to recollect many of the species known exclusively from the type collection or from historic collections. The neotropical genus *Tripogandra* currently comprises 36 species, with 7 species listed for the Brazilian territory, 3 of which remain poorly known. Handlos, in 1975, revised the genus using almost solely herbaria material. This left a few gaps in the description of the extra-mexican species, as well as an undescribed micro-endemic species (e.g. *T. elata*) from central Brazil. The present work reports the recent collection of *T. warmingiana* in the municipality of Niterói, Rio de Janeiro and expands its area of occurrence. Also an updated taxonomic treatment is provided based on herbaria, cultivation and field studies. As a result, we present a revised key of the genus for Brazil. *Tripogandra warmingiana* is now known for seven punctual locations in the Mata Atlântica and Cerrado domains and very small populations. Only one of these locations is inside a conservation unit and according to the IUCN criteria, this taxon should be considered vulnerable (VU) [criteria B2a(i, ii) and D2]. Specimens were collected or seen in bloom from January to June and in fruit from April to June. Differently from the other species of the genus and the family in general, *T. warmingiana* opens its flowers at noon and its flowers last for only a few hours.

Palavras-chave: Atlantic Forest, Cerrado, IUNC Red List**Créditos de Financiamento:** M.O.O.Pellegrini and R.C.Forzza are CNPq Research Fellows

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