

Chemistry in Eriocaulaceae

Anne Lígia Dokkedal^{a,*}, Lourdes Campaner dos Santos^b, Paulo Takeo Sano^c,
and Wagner Vilegas^b

^a Departamento de Ciências Biológicas, Faculdade de Ciências, UNESP, C.P. 473,
17033-360 Bauru, SP, Brazil. Fax: (55 14) 31 03 60 92. E-mail: dokkedal@fc.unesp.br

^b Departamento de Química Orgânica, Instituto de Química de Araraquara, UNESP,
C.P. 355, 14801-970 Araraquara, SP, Brazil

^c Departamento de Botânica, Instituto de Biociências, Universidade de São Paulo,
C.P. 11461, 05427-970 São Paulo, SP, Brazil

* Author for correspondence and reprint requests

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Eriocaulaceae is a pantropical family that comprises about 1100 species distributed in 11 genera. The infrafamilial relationships are still unsatisfactorily resolved, because of the tiny flowers and generalized morphology, which makes the taxonomy very difficult. Flavonoid and naphthopyranone profiles have proved to be important in order to contribute to the alignment of genera into the family. We here present a survey of the chemical data of Eriocaulaceae with a discussion about their contribution to the taxonomy of Eriocaulaceae.

Key words: Eriocaulaceae, Flavonoids, Chemotaxonomy