

Nomenclatural notes on the genus *Rectolejeunea* A.Evans (Lejeuneaceae, Marchantiophyta)

Cid José Passos Bastos

Universidade Federal da Bahia, Instituto de Biologia, Brazil

The genus *Rectolejeunea* was established by Evans (1906) who described four species: *Rectolejeunea berteroaana* (Gottsche ex Steph.) A.Evans, *R. emarginuliflora* (Gottsche ex Schiffn.) A.Evans, *R. flagelliformis* A.Evans, and *R. phyllobola* (Nees & Mont.) A.Evans. However, the last species is considered to belong to the genus *Lejeunea* (Grolle, 1995; Reiner-Drehwald, 2000).

Bastos & Yano (2003) studied the occurrence of *Rectolejeunea* in the state of Bahia, Brazil, and reported three species for that area, namely, *Rectolejeunea emarginuliflora*, *R. flagelliformis*, and *R. monoica* R.M.Schust. The latter species was described by Schuster (2000) based on plants collected by himself and C. Giancotti in the Ilha do Cardoso, São Paulo. In the diagnosis, followed only by a short discussion, Schuster (2000) stated '*Affinis R. berteroaanae multis ocellis disperses laminaribus ex qua differ dente apicali obtuse brevique lobulorum solum ocellus 2–3 in serie transversa in basi loborum, pluribus ocellis laminaribus (35–45), lobus foliorum inferiorum cellulas 4–6 latis, inflorescentiis autoicis; ...the type material is at Sao Paulo*', but did not cite the herbarium in which it is conserved. Therefore, the name *Rectolejeunea monoica* is invalid according to Art. 37.7 (ICBN, Vienna Code, 2006).

Although the type collection of *R. monoica* was searched for in SP (Herbarium of the Instituto de

Botânica, Sao Paulo), another Brazilian herbarium (SPF) and also F, it was not located, and it is not possible to validate the name by indication of the herbarium where it is kept.

Therefore, the aim of the present paper is to provide a valid name for *Rectolejeunea monoica*. As the monoicous condition does not represent a diagnostic character of the species within the genus, since *Rectolejeunea flagelliformis* and *R. queenslandica* are also monoicous, the new name *R. truncatiloba* is proposed here.

***Rectolejeunea truncatiloba* C. Bastos sp. nov.**

Rectolejeunea berteroaanae similis, sed differt dente apicali inconspicuo, ocellis 3–4 in serie transversa in basi loborum, inflorescentiis autoicis.

TYPE: BRAZIL: Bahia, Eunápolis, Estação Veracruz, 16°22'S, 39°10'W, 10 June 1999, S.B. Vilas Bôas-Bastos & C. Bastos 475 (holotype ALCB; isotype SP).

PARATYPE: BRAZIL: Bahia, Eunápolis, Estação Veracruz, 16°22'S, 39°10'W, 8 September 1999, C. Bastos & S.B. Vilas Bôas-Bastos 1640 (paratype ALCB).

Rectolejeunea monoica R.M. Schust., *nom. inval.* (Art. 37.7 International Code of Botanical Nomenclature), no herbarium specified.

Description and illustration: Bastos & Yano 2003 (as *Rectolejeunea monoica*).

The epithet refers to the inconspicuous apical tooth lobule. (In *R. emarginuliflora*, the tooth is also \pm short and blunt.)

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Correspondence to: C J P Bastos, Universidade Federal da Bahia, Instituto de Biologia, Departamento de Botânica, Laboratório de Taxonomia de Briófitas, Campus de Ondina, 40170-280 Salvador, Bahia, Brasil. Email: cid-bastos@uol.com.br

the Institute of Botany of São Paulo, for clarifying the nomenclature.

Taxonomic Additions and Changes: *Rectolejeunea truncatilobula* C. Bastos *sp. nov.*

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