

NORBERT KILIAN

Pulicaria uniseriata* nom. nov. (*Compositae*, *Inuleae*)*Abstract**

Kilian, N.: *Pulicaria uniseriata* nom. nov. (*Compositae*, *Inuleae*). – Willdenowia 33: 106. 2003. – ISSN 0511-9618; © 2003 BGBM Berlin-Dahlem.

The nomen novum *Pulicaria uniseriata* is validated to provide a legitimate binomial in *Pulicaria* for the N Somalian species originally described as *Sclerostephane longifolia*.

Comparative micromorphological and anatomical studies of achene and pappus (Kilian 1999) established a sister group relationship between the N Somalian genus *Sclerostephane*, a segregate of *Pulicaria* with a peculiar, strongly derived achene type, and a group of SW Asian true *Pulicaria* species. Consequently, *Sclerostephane* has been included in *Pulicaria* as a section that includes the five former *Sclerostephane* species along with the *P. glaucescens* group, five closely related species from S Arabia, SE Iran and S Pakistan (Kilian 1999: 174).

When making the required transfers to *Pulicaria*, I overlooked that the combination based on *Sclerostephane longifolia* Wagenitz & E. Gamal-Eldin is a younger homonym of *P. longifolia* Boiss. (1856), a synonym of *P. inuloides* (Poir.) DC. (see Gamal-Eldin 1981: 96). Henk Beentje (Kew) kindly pointed this out to me and gave me the opportunity to validate a nomen novum:

Pulicaria uniseriata N. Kilian, **nom. nov.** ≡ *Sclerostephane longifolia* Wagenitz & E. Gamal-Eldin in Bot. Jahrb. Syst. 104: 106. 1983 ≡ *Pulicaria longifolia* (Wagenitz & E. Gamal-Eldin) N. Kilian in Willdenowia 29: 176. 1999, nom. illeg. [non Boiss., Diagn. Pl. Orient., ser. 2, 3: 16. 1856]. – The epithet refers to the autapomorphic lack of the outer, corona-like pappus in this species.

References

- Boissier, E.: 1856: Diagnoses plantarum orientalium novarum, ser. 2, **3**. – Genève, etc.
Gamal-Eldin, E. 1981: Revision der Gattung *Pulicaria* (*Compositae* - *Inuleae*) für Afrika, Makaronesien und Arabien. – Phanerog. Monogr. **14**.
Kilian, N. 1999: Studies in the *Compositae* of the Arabian Peninsula and Socotra – 1. *Pulicaria gamal-eldinae* sp. nova (*Inuleae*) bridges the gap between *Pulicaria* and former *Sclerostephane* (now *P. sect. Sclerostephane*). – Willdenowia **29**: 167-185.

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