

Original Paper

***Eragrostis mukhraniae* nom. nov., a replacement name for *E. rigida* A.Camus (Poaceae)**

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Abstract: A new name, *Eragrostis mukhraniae* R. Kr. Singh & Sanjeet Kumar, is proposed here as a replacement name for the illegitimate name *E. rigida* A.Camus, being a later homonym of *E. rigida* (Vasey) Scribn. In addition, the name *E. rigida* A. Camus is also lectotypified.

Keywords: Endemic, illegitimate, later homonym, lectotype, Madagascar

Introduction

The cosmopolitan genus *Eragrostis* Wolf (family Poaceae, subfamily Chloridoideae, tribe Eragrostideae, subtribe Eragrostidinae) is represented by about 423 species (Giraldo-Cañas *et al.*, 2012; POWO, 2023). The species of *Eragrostis* is characterized by leaves with ciliate ligules, inflorescences paniculate, spikelets many-flowered, bisexual spikelets laterally compressed, rarely subterete, glumes usually 1-nerved and shorter than the adjacent lemmas, lemmas usually 3-nerved and unawned, disarticulation of the lemma and palea occurs separately, paleas shorter than the lemmas, 2-keeled, longitudinally bowed-out with ciliolate keels (Peterson *et al.*, 1997; Giraldo-Cañas *et al.*, 2012).

In the Madagascar, the genus is represented by 43 species, of which 19 are endemic (Rabarivola *et al.*, 2019; POWO, 2023). Out of the 19 endemic grass, one grass species name *E. rigida* A. Camus (1950: 167) is illegitimate because it is a later homonym of *E. rigida* (Vasey 1891: t. 44) Scribner (1891: 304) according to Article 53.1 in Turland *et al.*, (2018). Therefore, a replacement name is herein proposed.



Figure 1: Lectotype of *Eragrostis rigida* A. Camus (P00446566, © Muséum National d'Histoire Naturelle, Paris)



Figure 2: Isolectotype of *Eragrostis rigida* A.Camus (P00446565, © Muséum National d'Histoire Naturelle, Paris)

Nomenclature

Eragrostis mukhraniae R. Kr. Singh & Sanjeet Kumar, *nom. nov.*

≡ *Eragrostis rigida* A. Camus, Bull. Soc. Bot. France 96: 167. 1950, *nom. illeg., non* (Vasey 1891: t. 44) Scribn., Proc. Acad. Nat. Sci. Philadelphia 43: 304. 1891.

Protologue citation: "Port-Lewen, île Howe, côte Nord-Est de Madagascar (Boivin, n° 2292 b)".

Lectotype (designated here): Madagascar, Port Lewen, 1849, *L.H. Boivin 2292b* (P00446566!; Figure 1); isolectotypes K000244802!, P00446565!, Figure 2.

Distribution: Endemic to Madagascar.

Etymology: The new name is named after in fond remembrance of late Smt. Mukhrani Devi, grandmother of the lead author. She inspired him to choose Botany for his higher studies.

Notes: Camus (1950) described *Eragrostis rigida* based on specimens collected by Boivin from Port Lewen, Madagascar, but she did not designate a holotype. Camus's types are known to be held at P (Stafleu & Cowan, 1976). Three specimens of *E. rigida* collected by Boivin from Port Lewen, Madagascar were traced, one at K (K000244802) and two at P (P00446565 and P00446566). During the selection of a lectotype for the name *E. rigida* Camus, the specimens at P were taken into consideration because these specimens were examined by Camus while describing *E. rigida*. Among these two specimens, P00446566, being the best-preserved, contains locality name and date of collection, and most fitting the protologue description, is designated here as the lectotype.

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