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Crassocephalum vishwanathii nom. nov., a replacement name for *C. sonchifolium* (Baker) Humbert (Asteraceae)

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Abstract

A replacement name *Crassocephalum vishwanathii* R. Kr. Singh, Arigela & Sanjeet Kumar is proposed here for the illegitimate *C. sonchifolium* (Baker) Humbert, being a later homonym of *C. sonchifolium* (L.) Less. In addition, the name *Gynura sonchifolia* Baker is also lectotypified.

INTRODUCTION

The genus *Crassocephalum* Moench (Asteraceae: Senecioneae) consists of about 26 species worldwide (POWO 2023). In the Madagascar, the genus is represented by six species and one variety, namely *C. crepidioides* (Benth.) S. Moore, *C. lemuricum* (Humbert) Humbert, *C. manampanihense* (Humbert) Humbert, *C. montuosum* (S.Moore) Milne-Redh., *C. rubens*

(Juss. ex Jacq.) S.Moore var. *rubens*, *C. rubens* var. *sarcobasis* (DC.) C. Jeffrey & Beentje and *C. sonchifolium* (Baker) Humbert, of which *C. lemuricum*, *C. manampanihense* and *C. sonchifolium* are endemic (POWO 2023). The name *C. sonchifolium* (Baker) Humbert is illegitimate, as it is a later homonym of *C. sonchifolium* (L.) Less. in accordance to article 53.1 in Turland et al. (2018). Therefore, a new name *C. vishwanathii* R. Kr. Singh, Arigela & Sanjeet Kumar, is proposed as a replacement name for *C. sonchifolium* (Baker) Humbert. The lectotype for the name *Gynura sonchifolia* Baker is designated here as per the guidelines and recommendations of Article 9 of the Shenzhen Code (Turland et al. 2018).

NOMENCLATURE

Crassocephalum vishwanathii R. Kr. Singh, Arigela & Sanjeet Kumar, *nom. nov.*

Crassocephalum sonchifolium (Baker) Humbert, Fl. Madagasc. Fam. 189, 834. 1963, *nom. illeg.*, *non* (L.) Less., Syn. Gen. Compos. 395. 1832.

Gynura sonchifolia Baker, J. Linn. Soc., Bot. 22: 495. 1887.

Type citation in protologue: "*Baron* 3426!".

Lectotype (designated here): Madagascar. Central Madagascar, *s.d.*, *R. Baron 3426* (K000377676!); isolectotypes K000377677!, P00558755!.

Distribution: Endemic to Madagascar.

Etymology: The new name is named after in fond remembrance of late Shri Vishwanath Singh, a great nature lover and grandfather of lead author.

Notes: In the protologue of *Gynura sonchifolia*, Baker (1887) mentioned type information as "*Baron* 3426!", but by the practice of that time, he did not designate a holotype. Two herbarium sheets were traced for the name *G. sonchifolia* Baker, one sheet with two specimens at K (K000377676 and K000377677, Figure 1) and one at P (P00558755). The best one and better-preserved specimen K000377676, is designated here as the lectotype as it agrees well with the protologue. There are many specimens of this species at P herbarium, collected by A. Seyrig, H. Humbert, H. Perrier de la Bâthie and R. Decary from Madagascar.

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Figure 1: **Lectotype and isolectotype of *Gynura sonchifolia* Baker (K000377676 and K000377677, © The Trustees of the Royal Botanic Gardens, Kew)**

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