ISSN: 2457-0761

JBC-APRF-7(4): 19-19, 2023

JOURNAL OF BIODIVERSITY AND CONSERVATION

# *Vernonia shankarii* R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar, a replacement name for *V. concinna* S. Moore (Asteraceae)

**Rajeev Kumar Singh[1], Ch. Srinivasa Reddy[2*] and Sanjeet Kumar[3]**

[1]Botanical Survey of India, Arid Zone Regional Centre, AIIMS Road, Jodhpur - 342014, Rajasthan, India

[2]Department of Botany, SRR & CVR Govt. Degree College, Machavaram, Vijayawada - 520004, Andhra Pradesh, India

[3]Biodiversity and Conservation Laboratory, Ambika Prasad Research Foundation, Bhubaneswar, Odisha, India

[*]E-mail: reddybot@gmail.com

**ARTICLE INFO**

**Article History**

Received: 07 September 2023

Received in revised form: 12 October 2023

Accepted: 16 October 2023

Keywords: Angola, Endemic, Later homonym, Lectotype, New name

**Abstract**

A new name, *Vernonia shankarii* R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar, is proposed here as a replacement name for the illegitimate name *V. concinna* S. Moore, being a later homonym of *V. concinna* Gleason. In addition, the name *V. concinna* S. Moore is also lectotypified.

## INTRODUCTION

The genus *Vernonia* Schreb. (Asteraceae: Vernonieae) consists of about 336 species worldwide (POWO 2023). During the study of this genus in India and examining certain

collections, the authors come across the species name *V. concinna* S. Moore (1914: 93), which is endemic to Angola. On detail examination, it was found that the name *V. concinna* S. Moore is illegitimate due to being a later homonym of *V. concinna* Gleason (1906: 225), as per Article 53.1 of the ICN (Turland et al. 2018).

Therefore, a new name, *V. shankarii* R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar is herein proposed as a replacement name for *V. concinna* S. Moore. Furthermore, the lectotype for the name *V. concinna* S. Moore is designated here in accordance with the guidelines and recommendations of Article 9 of the Shenzhen Code (Turland et al. 2018).

## NOMENCLATURE

***Vernonia shankarii*** R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar, *nom. nov.*

*Vernonia concinna* S. Moore, J. Bot. 52: 93. 1914, *nom. illeg.*, *non* Gleason, Bull. New York Bot. Gard. 4: 225. 1906.

**Lectotype (designated here)**: Angola, Amboim-Novo Redondo, near the Forte Quissaca, 29 June 1908, *J. Gossweiler 4480* (BM000629399!, Figure 1); isolectotype K000273136 (Figure 2).

**Distribution**: Endemic to Angola.

**Etymology**: The new name is named after in fond remembrance of late Shri Shankar Singh, great grandfather of lead author, during the period of Pitru Paksha in the month of Bhadrapada.

**Notes**: In the protologue of *Vernonia concinna*, Moore (1914) mentioned type information as "Hab. Angola, Amboim-Novo Redondo, near the Forte Quissaca; *Gossweiler*, 4480", but by the practice of that time, he did not designate a holotype. Two specimens were traced for the name *V. concinna* S. Moore, one each at BM (BM000629399) and K (K000273136). The best one and better-preserved specimen BM000629399, is designated here as the lectotype as it agrees well with the protologue.

## ACKNOWLEDGEMENTS

The lead author is thankful to the Director, Botanical Survey of India, Kolkata for providing facilities and continual support. Corresponding author is thankful to the Principal of SRR & CVR Govt. Degree College, Vijayawada, Andhra Pradesh. Authors are also grateful to the curators of BM and K for the images and information of type specimens.


**Figure 1**: Lectotype of *Vernonia concinna* S.Moore (BM000629399, © The Natural History Museum, London)


**Figure 2**: Isolectotype of *Vernonia concinna* S.Moore (K000273136, © The Trustees of the Royal Botanic Gardens, Kew)

## REFERENCES

Gleason HA. (1906). A revision of the North American Vernonieae. Bulletin of the New York Botanical Garden. 4: 144–243.

Moore SLM. (1914). Alabastra diversa - part XXIII. Journal of Botany, British and Foreign. London. 52: 89–98.

POWO. (2023). Plants of the World Online. Royal Botanic Gardens, Kew. Available from: http://www.plantsoftheworldonline.org/ (accessed 30 September 2023).

Turland NJ, Wiersema JH, Barrie FR, Greuter W, Hawksworth DL, Herendeen PS, Knapp S, Kusber W-H, Li D-Z, Marhold K, May TW, McNeill J, Monro AM, Prado J, Price MJ and Smith GF. (2018). International Code of Nomenclature for algae, fungi, and plants (Shenzhen Code). Regnum Vegetabile 159. Koeltz Botanical Books, Glashütten. https://doi.org/10.12705/Code.2018.