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## A new combination in *Habenaria* (Orchidaceae)

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### Abstract

A new combination is made for *Odisha bonaccordensis* K. Prasad, Jalal & Agrawala under the genus *Habenaria* Willd. as *H. bonaccordensis* (K. Prasad, Jalal & Agrawala) R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar.

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### INTRODUCTION

The genus *Odisha* and species *O. cleistantha* was described by Misra (2007) based on the specimens collected from Gudugudia, Mayurbhanj district, Odisha, India. Later in 2018, he described *O. cleistantha* subsp. *flabellata* based on the specimens collected from Barigam, Koraput district, Odisha. Presently, the genus *Odisha* S. Misra is synonymous to *Habenaria* Willd. (Orchidaceae, Orchidoideae, Orchideae) and the two taxa *Odisha cleistantha* S. Misra

subsp. *cleistantha* and *O. cleistantha* subsp. *flabellata* S. Misra is synonymous to *Habenaria malintana* (Blanco) Merr. (Kumar et al. 2018; POWO 2023). Recently, Prasad et al. (2021) described *Odisha bonaccordensis* based on the specimens collected from Agasthyamala Biosphere Reserve, Thiruvananthapuram district, Kerala, but this name is unplaced (POWO 2023), because the genus *Odisha* is synonymous to genus *Habenaria*. Therefore, following recent circumscription of *Habenaria*, a new combination is proposed here for *Odisha bonaccordensis* K. Prasad, Jalal & Agrawala under the genus *Habenaria* as *H. bonaccordensis* (K. Prasad, Jalal & Agrawala) R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar.

### New combination

***Habenaria bonaccordensis*** (K.Prasad, Jalal & Agrawala) R. Kr. Singh, Ch. S. Reddy & Sanjeet Kumar, *comb. nov.*

*Odisha bonaccordensis* K. Prasad, Jalal & Agrawala, Nelumbo 63(2): 6. 2021.

**Holotype:** INDIA. Kerala: Thiruvananthapuram district, Agasthyamala Biosphere Reserve, on way to Agasthyakudam from Bonaccord, 641 m, 8 November 2016, K. Prasad 008445 (CAL0000213066!).

**Paratype:** INDIA. Kerala: Agasthyamala Biosphere Reserve, 20 October 1993, A.G. Prasad & S.W. Decruse 18442 (TBGT).

**Distribution:** Endemic to southern Western Ghats, India (Agasthyamala Biosphere Reserve, Kerala).

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### REFERENCES

- Kumar P, Gale SW, Pedersen HÆ, Phaxaysombath T, Bouamanivong S and Fischer GA. (2018). Additions to the orchid flora of Laos and taxonomic notes on orchids of the Indo-Burma region. *Taiwania*. 63(1): 61–83.
- Misra S. (2007). *Orchids of India: a glimpse*. Bishen Singh Mahendra Pal Singh, Dehradun.

- Misra S. (2018). A new subspecies of *Odisha cleistantha* (Orchidaceae) from Koraput district of Odisha, India. *Nelumbo*. 60(2): 99–103.
- Prasad K, Jalal JS and Agrawala DK. (2021). *Odisha bonaccordensis* (Orchidaceae), a new species from Western Ghats of Kerala, India. *Nelumbo*. 63(2): 5–10.
- POWO. (2023). Plants of the World Online. Royal Botanic Gardens, Kew. Available from: <http://www.plantsoftheworldonline.org/> (accessed 14 September 2023).