



Original Research Article

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Lectotypification of *Andropogon compressus* Hook.f. basionym of *Bothriochloa compressa* (Hook.f.) Henrard (Andropogoneae: Poaceae)

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Article Info

Abstract

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The lectotype is designated for the name *Andropogon compressus* Hook.f.

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Introduction

The genus *Bothriochloa* Kuntze (762: 1891) (Andropogoneae: Poaceae) is widely distributed throughout the world and represented by 38 species (POWO, 2021). In India, the genus is represented by 13 species, of which six species are endemic (Prasanna et al., 2020; Kellogg et al., 2020). While revising the genus *Bothriochloa* Kuntze for India, we found that the name *Andropogon compressus* Hook.f. (1897: 172) basionym of *Bothriochloa compressa* (Hook.f.) Henrard (1940:456) not been typified so far.

Typification

Bothriochloa compressa (Hook.f.) Henrard (1940: 456)
= *Andropogon compressus* Hook.f. (1897: 172).

Type

INDIA, Deccan, December 1891, *Lisboa* No. 6 (K001057429 image! Lectotype designated here).

Notes

J.D. Hooker (1897) described *Andropogon compressus* based on Mrs. Lisboa's collection No. 6 (*A. odoratus*) and Woodrow's collections. In the protologue he cited "The Deccan, Lisboa (No. 6 *A. odoratus*), Woodrow".

While describing the species J.D. Hooker mentioned in the protologue "sent by Mrs. Lisboa as *A. odoratus*, but apparently very different from the description of that plant and from the specimens received in the strongly compressed and acutely keeled sheaths, broad leaves, and inflorescence".



Fig. 1: Lectotype of *Bothriochloa compressa* (K001057429). Available at <http://specimens.kew.org/herbarium/K001057429>. © Copyright Board of Trustees of the Royal Botanic Gardens, Kew.

From taxonomic literature (Stafleu and Cowan, 1981) we came to know J.C. Lisboa's major collection are housed at BLATT, DD, and K. Likewise, G.M. Woodrow's collection are housed at (BSI, DBN, DS, E, and K)

We could trace one collection of each collector at K (Woodrow collection at 1880 K000245659 image!), and Mrs. Lisboa's collection at 1891 K001057429 image!).

Both the specimens are well agreeing to the protologue of *Andropogon compressus* Hook.f. Apart from these two collections we could not find any other collection in any herbaria.

Since, Mrs. Lisboa's specimen is a complete specimen along with roots, strongly keeled and compressed sheath, broad leaves, and inflorescence and the herbarium specimen also bears illustrations of sessile and pedicelled spikelets with its description. Therefore, we are designating here as lectotype following the ICN Art. 9.3 (Turland et al., 2018).

Conflict of interest statement

Authors declare that they have no conflict of interest.

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