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## *Pseudobartsia glandulosa*, a new combination to replace *Pseudobartsia yunnanensis* (Orobanchaceae)

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*Pseudobartsia* Hong (1979: 406) was established during the preparation of the Chinese edition of *Flora Republicae Popularis Sinicae*. This genus only contains one species, *Pseudobartsia yunnanensis* Hong (1979: 406), which is endemic to Yunnan (Hong *et al.* 1998). Based on comparisons of type specimens, Tao (1993) found that *Pseudobartsia yunnanensis* can not be distinguished from *Phtheirospermum glandulosum* (Bentham 1846: 555) Hooker (1884: 304), which was originally only recorded from the Western Himalayas. Therefore, *Pseudobartsia* was treated as a synonym of *Phtheirospermum* Bunge ex Fischer & Meyer (1835: 35), and *Pseudobartsia yunnanensis* was regarded as a synonym of *Phtheirospermum glandulosum* in a full revision of *Phtheirospermum* by Tao (1996).

However, recent phylogenetic analyses (Dong *et al.* 2013; McNeal *et al.* 2013) and morphological evidence, i.e. pollen morphology (Lu *et al.* 2007) and seed characters (Dong *et al.* 2013), support *Pseudobartsia* as an independent genus. Because the name *Euphrasia glandulosa* Bentham (1846: 555) as priority over *Pseudobartsia yunnanensis*, we propose the new combination *Pseudobartsia glandulosa* (Bentham) W.B.Yu & D.Z.Li to replace the latter in the genus *Pseudobartsia*.

## Pseudobartsia glandulosa (Bentham) W.B.Yu & D.Z.Li, comb. nov.

Basionym:-Euphrasia glandulosa Bentham (1846: 555).

Type:—INDIA. Uttar Pradesh: Shiv li, ca 1829 m, September 1840, *Edgeworth 37* (lectotype K barcode K000951256!, here designated; image available at http://www.kew.org/herbcatimg/654943.jpg).

Homotypic synonym:-Phtheirospermum glandulosum (Bentham) Hooker (1884: 304).

Heterotypic syonym:—*Pseudobartsia yunnanensis* Hong (1979: 406). Type:—CHINA. Yunnan: Songming, Longtanying, ca. 2300 m, 9 October 1940, *Ying-Bo Zhang 0004* (holotype KUN No. 0735310!, isotype KUN No. 0735309!) (Fig. 1).

Bentham (1846) mentioned the provenance and collector for the type of *Euphrasia glandulosa* in the protologue. After checking the potential type material conserved at the herbarium of the Royal Botanical Garden, Kew (K), we found that the herbarium sheet K000951256 is part of the original material. Therefore, that sheet is here designated as the lectotype.

*Pseudobartsia glandulosa* is a critically endangered species in China, only two gatherings, *Ying-Bo Zhang 0004* (Fig. 1) and *Qi-Wu Wang 8477* (collected in 9 October 1940 in Yanshan of Southeastern Yunnan). We visited the type locality Longtanying of Songming on 8 October in 2007, but failed to locate any individual.