

Lectotypification of *Goodyera dongchenii* (Orchidaceae)

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Abstract

Goodyera dongchenii Lucksom is lectotypified here. The name is now considered as a synonym of *Goodyera schlechtendaliana* Reichenbach f. var. *robusta* (Hooker f.) Av. Bhattachaijee & H.J Chowdhery.

Résumé

Goodyera dongchenii Lucksom est ici lectotypifié. Le nom est maintenant considéré comme un synonyme de *Goodyera schlechtendaliana* Reichenbach f. var. *robusta* (Hooker f.) Av. Bhattachaijee & H.J Chowdhery.

Keywords: *Goodyera schlechtendaliana* var. *robusta*, holotype, lectotype, Sikkim Himalaya, synonym.

Mots clés : *Goodyera schlechtendaliana* var. *robusta*, holotype, lectotype, Sikkim Himalaya, synonyme.

Introduction

Goodyera Robert Brown (1813: 197) is a species-rich genus in the family Orchidaceae. The 90-100 species of the genus are distributed in South Africa, Madagascar, Europe, Asia, NE Australia, the SW Pacific and North America including Mexico (Mabberley, 2017). Most of the members are terrestrial and grow in the temperate forests. In India, the genus is represented by 15 species, among which 10 and one variety occur in Sikkim (Singh *et al.*, 2020).

Lucksom (1993: 191) in its protologue of *Goodyera dongchenii* stated the holotype (Sikkim, Fambong Lho Wildlife Sanctuary, 6000 ft – 7000 ft [1800–2100 m], 16th Sep. 1992, *S.Z. Lucksom* 210a) should be deposited at CAL and isotypes at SSFH. Bhattacharjee & Chowdhery (2012) cited “holotype CAL!; isotype Herb. Forest Dept. Gangtok” (see p. 506) and stated “However, a critical study of the protologue and all available specimens (including types) revealed that *G. dongchenii* is indistinguishable from *G. schlechtendaliana* Reichenbach f. (1850: 861) var. *robusta* (Hooker f., 1890: 113) Av. Bhattacharjee & H.J. Chowdhery (2012: 506)” (p. 509). Subsequently, they treated *G. dongchenii* as a new synonym of *G. schlechtendaliana* var. *robusta*.

While revisiting the taxonomy of *G. dongchenii* the holotype of the name of the species was rigorously searched at CAL, both in the type section as well as general herbarium but the holotype could not be located (pers. comm., Avishek Bhattacharjee). Notably, during this study, we have located two isotypes at SSFH (then Herb. Forest Dept. Gangtok). Hence, the best preserved isotype specimen *S.Z. Lucksom* 210b, acc. no. SSFHSK001144 is designated here as lectotype of the name *G. dongchenii* in accordance to Art. 9.3 (Turland *et al.*, 2018).

Lectotypification

Goodyera dongchenii Lucksom, *Journal of Indian Botanical Society* 72: 191 (1993).

Lectotype (designated here): India, Sikkim, Fambong Lho Wildlife Sanctuary, 6000 – 7000 ft (1800–2100 m), 16th Sep. 1992, *S.Z. Lucksom* 210b!, acc. no. SSFHSK001144 (SSFH), [fig.1].

Flowering: August–October (–December)

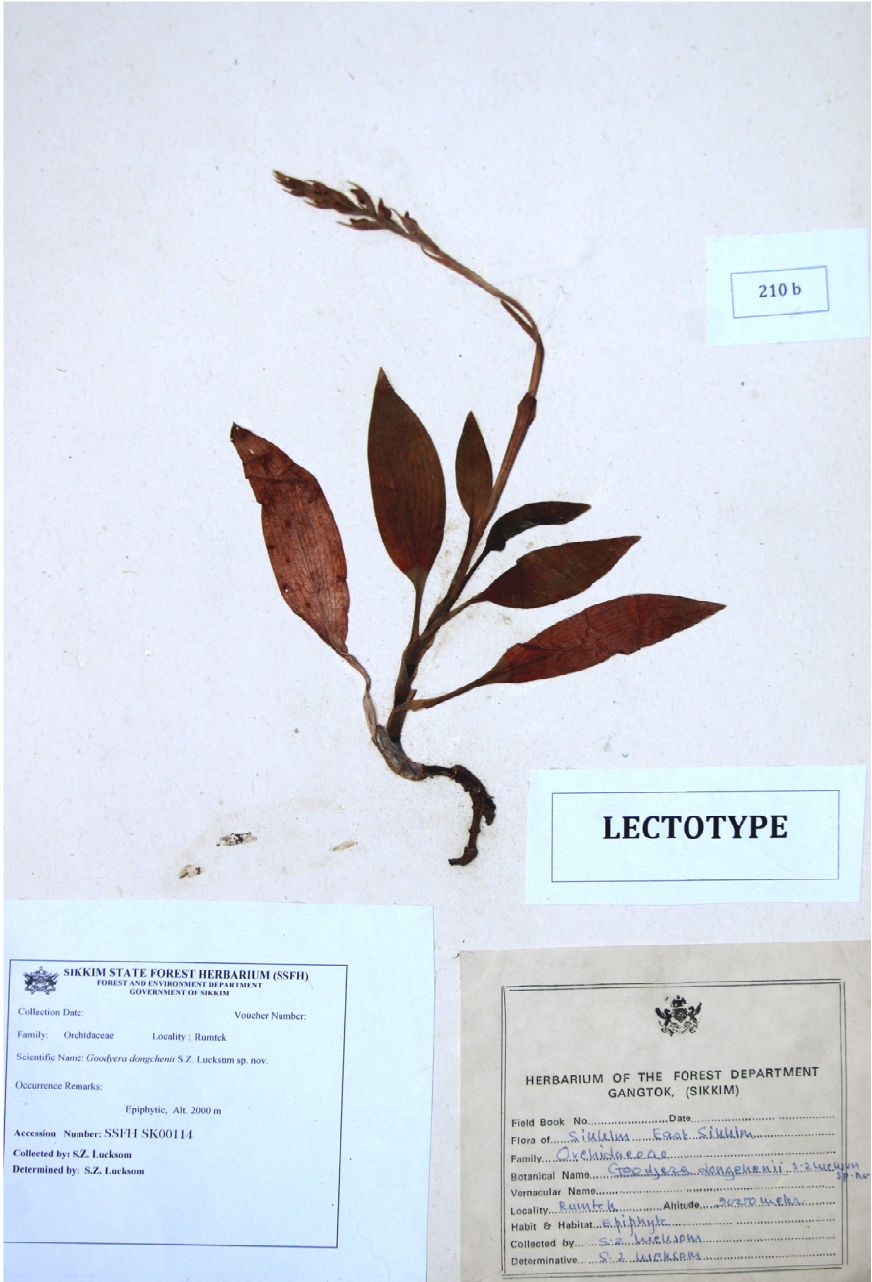


Fig.1. Lectotype of *Goodyera dongchenii* Lucksom

Note: There are two isotypes at SSFH. Lucksom (1993) cited them in the protologue as ‘210 b, 210a’. The one cited as ‘210 a’ seems to be a typographic error and likely to be 210c.

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