

# Lectotypification of two names in the genus *Ipomoea* (Convolvulaceae)

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## Abstract

The names *Ipomoea clarkei* Hook.f. and *I. barlerioides* (Choisy) Benth. ex C.B. Clarke are lectotypified.

**Keywords:** Convolvulaceae, *Ipomoea barlerioides*, *Ipomoea clarkei*, lectotypification

## Introduction

The genus *Ipomoea* L. is one of the dominant genera in the family Convolvulaceae with c. 600 species distributed in tropical and warm temperate regions of the world (Mabberley, 2017). About 63 species are known from India (Shimpale *et al.*, 2014). In the course of taxonomic studies on the genus *Ipomoea* in India, it has been found that *I. clarkei* and *I. barlerioides* are yet to be typified. Hence lectotypes are selected according to Art. 9.3 of ICN (Turland *et al.*, 2018).

***Ipomoea barlerioides*** (Choisy) Benth. ex C.B. Clarke in Hook.f., Fl. Brit. India 4: 201. 1883.

*Aniseia barlerioides* Choisy, Convolv. Orient. 6: 484. 1834.

**Lectotype** (designated here): INDIA, **Uttar Pradesh**, 17.04.1814, *s.coll.* Wall. Cat. No. 2256.1 [B] (K001115497, digital image!). Syntypes: Sukanagar, 4.5.1810, *Herb Hamilton*, Wall., Numer. List 2256 B: K (K001115496, digital image!); Kumaon, *s.d.* R., *Blinkworth*, Wall. Cat. No. 1382 (K001112984, digital image!); Mysore, *s.d.* Buchanan *s.n.* (BM000927905, digital image!).

**Fig. 1**

**Note:** Choisy (1834) within the protologue of *A. barlerioides* cited "(V.S. ex Wall., et H.Br. Mus.) Hab. India (Gorackpur, Sukanagar, Kamaon, Mysore)". The different localities are associated with the Wall., Numer. List 1382 and 2256. The collections from the aforementioned localities are to be considered as syntypes. We have chosen (K001115497) as the lectotype because the specific

epithet '*barlerioides*' was first used in Wall., Numer. List 2256.



**Fig. 1:** Lectotype of *Ipomoea barlerioides* (Choisy) Benth. ex C.B. Clarke (Wall., Numer. List 2256: K001115497) [© The Board of Trustees of the Royal Botanic Gardens, Kew. Reproduced with the consent of the Royal Botanic Gardens, Kew]

***Ipomoea clarkei* Hook.f.**, Fl. Brit. India 4: 734. 1885.

*I. stocksii* C.B. Clarke in Hook.f., Fl. Brit. India 4: 207. 1883, non Clarke (1883: 204).

*Lectotype* (designated here): Malabar, Concan & c. *s.d.*, *Stocks s.n.* (K000830816, digital image!). *syntype*: Malabar, Concan & c., *s.d.*, *Law s.n.* (K001081777, digital image!). **Fig. 2**

*Note*: Clarke (1883) published *I. stocksii* based on the collection of Stocks from Malabar. Clarke (1883) described a different species with the same name based on collections by Stocks, Law & c. from Malabar and Concan. Hooker (1885) considered *I. stocksii* (1883) as a later homonym and provided the new name *I. clarkei*.

There are two relevant specimens at K (K000330816 and K000330817) of which we have designated K000830816 as the lectotype because the sheet has annotation by Clarke and matches with protologue.



**Fig. 2:** Lectotype of *Ipomoea clarkei* Hook.f. (Stock *s.n.* K000830816) [© The Board of Trustees of the Royal Botanic Gardens, Kew. Reproduced with the consent of the Royal Botanic Gardens, Kew]

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