



Clarification on the circumscription of *Prescottia glazioviana* (Cranichidinae, Orchidaceae)

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Abstract

Prescottia glazioviana is a rare and poorly known species, for which this paper clarifies the circumscription, indicating for the first time diagnostic morphological features that were missing in the original description. An amended description, distribution data and a detailed illustration are presented. Previously known from only two collections from Rio de Janeiro State, *P. glazioviana* is reported for the first time in Minas Gerais State, Brazil.

Introduction

The species of *Prescottia* Lindley in Hooker (1824: 115) have small flowers with few variable morphological characters, which has made many species difficult to circumscribe. The genus is thus marked by taxonomic confusion and misidentification. *Prescottia glazioviana* Cogniaux in Martius (1895: 261) is a poorly known species, and its identification has been problematic. Examination of all available material, including types, revealed that the apex of the labellum is prominent with wavy margins and an apical constriction, which is an exclusive, diagnostic feature that unambiguously distinguishes it from all other species of the genus. These morphological details were not mentioned in the original description (Martius 1895) and not shown in the only published illustration of the species (Hoehne 1945; based on *Gardner 5884*, R).

In this article, we provide an amended morphological description of *Prescottia glazioviana* and an illustration with the diagnostic features missing in its original publication. Together, they permit an accurate identification of the species.

Materials and Methods

The protologue and type material of *Prescottia glazioviana* were examined, as well as the material of *Prescottia* deposited at the following herbaria: AAU, ALCB, B, BAH, BHCB, BM, CAY, CEN, CEPEC, CESJ, CGMS, CM, COL, COR, CR, CTES, CVRD, EAC, ESA, ESAL, F, G, GFJP, GH, GUA, HAS, HASU, HB, HEPH, HMS, HRB, HRCB, HUA, HUFU, HUEFS, HURG, HXBB, IAC, IBGE, ICN, INPA, IPA, JPB, K, K–L, LP, M, MAC, MBM, MBML, MG, MO, MVFA, NY, P, PACA, PAMG, PEL, PEUFR, PMSP, QCNE, R, RB, RBR, RUSU, S, SEL, SJRP, SMDB, SP, SPF, TEPB, UB, UEC, UFMT, US, USJ, VIC and W (acronyms according to Thiers 2012).

Field trips were conducted to areas where *Prescottia glazioviana* has been recorded previously: three expeditions to Rio de Janeiro State (June/2006, to the region of the Organ Mountains; July/2006 and April/