Nomenclatural notes on Cerasus (Rosaceae) of China: Three earlier isonyms and typification of Prunus glandulosa and P. pseudocerasus

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Abstract

Three earlier isonyms for three later isonyms of Cerasus of China, C. dolichadenia (Cardot) C. L. Li & S. Y. Jiang, C. glandulosa (Thunberg) Sokolov, and C. pseudocerasus (Lindley) Loudon, are suggested. We also lectotypify Prunus glandulosa Thunberg and discuss the confusing type of P. pseudocerasus Lindley.

Key words: Cerasus, isonyms, Prunus glandulosa, P. pseudocerasus, typification

Introduction

Species of Cerasus Miller (1754; unpaged; Rosaceae), better known as cherries, are widely cultivated for their edible fruits or as garden ornamentals. There are about 150 species that are distributed in temperate Asia, Europe, and North America, of which 44 (30 endemic, five introduced) occur in China (Li et al. 2003). While working on a revision of Cerasus in China, we found that three later isonyms of this genus were used for the Flora of China, and here three replacement names for them are proposed. One related name is also lectotypified.

Taxonomy

   Basionym:—Prunus dolichadenia Cardot (1920: 25).
   Type:—CHINA. Chongqing: Su-Tchuen oriental (East Sichuan), district de Tchen-Kéou-Tin (Chengkou), R. P. Farges s. n. (holotype P-01819042!, isotype P-01819043!).

2. Cerasus glandulosa (Thunberg) Loiseleur-Deslongchamps (1812: 33)
   Basionym:—Prunus glandulosa Thunberg (1784: 202).
   Type:—JAPAN. C. P. Thunberg s.n. (lectotype UPS Thunberg-11801!, here designated!).