

崖白菜属的一个新异名

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摘要: 根据对崖白菜的腊叶标本和武汉植物园栽培的崖白菜活体植物的研究, 结合崖白菜的野外调查, 认为全缘叶崖白菜应作为崖白菜的异名处理。

关键词: 玄参科; 崖白菜属; 全缘叶崖白菜; 崖白菜; 新异名

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A New Synonym in *Triaenophora* (Scrophulariaceae) from China

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Abstract: Based on the study of herbarium specimens together with living plants cultivated at the Wuhan Botanical Garden, as well as field investigation, *Triaenophora integra* (H. L. Li) Ivanina is relegated to synonymy under *T. rupestris* (Hemsley) Solereder.

Key words: Scrophulariaceae; *Triaenophora*; *Triaenophora integra* (H. L. Li) Ivanina; *Triaenophora rupestris* (Hemsley) Solereder; New synonym

In our research on the genus *Triaenophora* (Scrophulariaceae)^[1~4], in addition to examining herbarium collections and type materials kindly provided by various institutions, together with living material in cultivation at the Wuhan Botanical Garden, we also conducted field investigation. As a result of our study, we found that *Triaenophora integra* (H. L. Li) Ivanina described by H. L. Li in Taiwania 1:80 (1948)^[5] is not substantially distinct from *T. rupestris* (Hemsley) Solereder^[6]. Therefore, the former is here reduced as a synonym of the latter.

Triaenophora rupestris (Hemsley) Solereder in Index Bericht Deutsch. Bot. Ges. 27:399. 1909; Chin in Fl. Reip. Pop. Sin. 67(2), 220. 1979. — *Rehmannia rupestris* Hemsl. in Journ. Linn. Soc. 26:195. 1890. Types: China. Hubei: Fang, Nanto and mountains to the northward, growing on the faces of cliffs, A. Henry 2604 (Two syntype images K!), A. Henry 4458 (Syntype NY!, Syntype image K!), A. Henry 6615 (Syntype image K!, GH!)

Triaenophora integra (H. L. Li) Ivanina in Not.

Syst. Herb. Inst. Bot. Acad. Sci. URSS, 17:393. 1955, syn. nov. — *Rehmannia integra* H. L. Li in Taiwania 1:80. 1948. Type: China. Chongqing: Chengkou, R. P. Farges, s. n. (holotype image, UC!, isotype, NY!).

Rehmannia integra H. L. Li was described in 1948 based on herbarium specimens collected by R. P. Farges in Chengkou of Chongqing, China^[5]. Later, Ivanina (1955) transferred *Rehmannia integra* to *Triaenophora integra*^[7], stating that this species differs from *T. rupestris* (Hemsley) Solereder in the relatively smaller leaves which are rounded at the tip and entire along the margins, instead of acute and serrate, while the calyx is shorter and more nearly campanulate. However, through careful examination of the type specimens of the two species (holotype, Plate I:1; isotype, Plate I:2) and investigation of living collections and their wild populations, our findings indicate that *T. integra* is not substantially different from *T. rupestris*. Since the basal leaves in the holotype and isotype are seriously damaged, one can not be absolutely sure if the leaf margins are serrate. Some bracts on the inflorescence are either

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