

泰国茜草科少脉粗叶木植物的订正*

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摘要: 鲜为人知的泰国少脉粗叶木 (*Lasianthus oligoneurus*) 经研究与 *L. constrictus* 为同种, 应归并为后者的异名。此外, *Lasianthus constrictus* var. *latifolius* 一变种亦无建立的必要。

关键词: 茜草科; 少脉粗叶木; 异名; 泰国

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Notes on Species *Lasianthus oligoneurus* (Rubiaceae) from Thailand

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Abstract: The rarely known species *L. oligoneurus* from Thailand is recognized to be conspecific with *L. constrictus* and thus reduced to a synonym of the latter. Additionally, the name *L. constrictus* var. *latifolius* is also reduced to a synonym of *L. constrictus*.

Key words: Rubiaceae; *Lasianthus oligoneurus*; Synonym; Thailand

Lasianthus Jack is a large genus in the family Rubiaceae with more than 180 species. It occurs from tropical Asia (more than 160 species) and Australia (only one species) to tropical Africa (c. 20 species) as well as tropical America (3 species) (Zhu, 2002). The greatest species diversity is found in Borneo of tropical Asia. The species of the genus occur almost exclusively in the understory of primary forest. Therefore the species distribution patterns have significant implications to the plant biogeography of tropical Asia and also to speciation patterns in tropical rain forest.

The genus is taxonomically extremely difficult. Although a revision on the genus from Thailand has been newly made (Zhu, 2001), study of the genus for the Flora Malesiana has shown some problems with this. In the former revision, it was considered that species *L. oligoneurus* K. Schum. could be conspecific with *L. constrictus* Wight. However, the synonym could not be conclusively designated then because the observation on *L. oligoneurus* K. Schum. was based only on type photos, and Schumann's original descriptions for the species was too general to trace details. With more recent study of the type specimen of the name, it is clear that *L. oligoneurus* K. Schum. is conspecific with *L. constrictus* Wight. Therefore, the name is here formally reduced to synonymy. Additionally, the name *Lasianthus constrictus* Wight var. *latifolius* Craib is also reduced to a synonym of *Lasianthus constrictus* Wight.

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Lasianthus constrictus Wight, Calc. Journ. Nat. Hist. 6: 515. 1846. Type: Myanmar, *Griffith* s. n. (holotype **K**).

Lasianthus oligoneurus K. Schum., Bot. Tidsskr. 24: 340. 1902. **syn. nov.** Type: Thailand, Chantaburi, Schmidt 390 (holotype **C**).

Lasianthus constrictus Wight var. *latifolius* Craib, Fl. Siam. Enum. 2 (1): 209. 1934. **syn. nov.** Type: Thailand. Pattani: Kerr 14940 (holotype **K**; isotype **BK**).

Distribution: Thailand, Myanmar, Malaysia and Indonesia.

Taxonomic notes: Based on Schumann's description, *L. oligoneurus* has branches puberulous when young; leaves oblong or oblong-lanceolate with shortly acuminate apices and acute bases, 12×4.5 cm, glabrous above, minutely pilose on nerves and nervules beneath; nerves 3–4; stipules triangular, strigillose, c. 3 mm long; cymes sessile; flowers sessile and drupes trilocular. It agrees with *L. constrictus* in all the details except trilocular drupes. When more materials are examined, it is revealed that *L. constrictus* Wight has drupes with 1–4 pyrenes, which develop from a 4-locular ovary, and drupes with 3 developed pyrenes are frequent in Malesian population. Although drupes have not been seen in the present type specimen of *L. oligoneurus* (they are clearly shed from the sheet), the type exactly match *L. constrictus*. The variety *L. constrictus* var. *latifolius*, can not be separated from *L. constrictus* Wight when more materials are examined. Therefore both *L. oligoneurus* and *L. constrictus* var. *latifolius* are here reduced to synonyms of *L. constrictus*.

Specimens examined

Thailand: Southeastern: Chon Buri, Murata *et al.* s. n. (L); Trat, Murata *et al.* T-17438 (L), Geesink *et al.* 6601 (L), 6259 (L). Peninsular: Nakhon Sri Thammarat, Kerr 15435 (L), Maxwell 85-1112 (L), Tagawa *et al.* T-5323 (L); Narathiwat, Larsen *et al.* 32851 (L), 32752 (L); Phangnga, Beusekom *et al.* 696 (L).

Malaysia: Perak: King' coll. 6065 (L). Sabah: Clemens *et al.* 27353 (L); Elmer 21358 (L); Beaman 7794 (L); Nootboom 962 (L); SAN 121946 (L), SAN 70884 (L). Sarawak: S 49001 (L), S 47504 (L), S 43843 (L), S 45380 (L), S 28493 (L), S 45841 (L), S 8475 (L), S 31102 (L); Purseglove *et al.* 4553 (L). Selangor: FRI 1957 (L), KL 1755 (L).

Singapore: Maxwell 82-100 (L), 78-70 (L).

Indonesia: Borneo: Tawao, Elmer 21358 (L); Kalimantan Barat, Moge *et al.* 4166 (L), Wiriadinata 3324 (L), Hallier 2884 (L); Teymann 10833 (L); Natuna Islands, Steenis 1114 (L); Kalimantan Selatan, Vogel de 886 (L), Kartawinata 774 (L), Afriastini 1359 (L); Kalimantan Timur, Kostermans 9872 (L), Kostermans 4546 (L); Liang Gagang, Hallies 2004 (L); Kalteng, Jarvie *et al.* 5700 (L); Kelumpang, Rachman *et al.* s. n. (L). Java: Koorders 4074B (L), 43989B (L); Beum 713 (L); Hochreutiner 781 (L). Sumatra: Rahmat Si Toroes 3484 (L); Beccari 952 (L); Raap 538 (L); Korthals s. n. (L); Kostermans 22002 (L), Kostermans 22046 (L); Wilde *et al.* 21238 (L); Sumatera Selatan, Kostermans *et al.* 132 (L); Sumatera Utara, Lorzing 16099 (L), Lorzing 14599 (L), Rahmat Si Toroes 5437 (L); Riau, Soepadmo 160 (L); Aceh, Wilde *et al.* 18816 (L).

Brunei: Tutong, Nangkat *et al.* BRUN 15246 (L).

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Reference:

Zhu H., 2001. A taxonomic revision of the genus *Lasianthus* Jack (Rubiaceae) from Thailand [J]. *Acta Phytotax Sin* (植物分类学报), **39** (2): 116—150
Zhu H., 2002. A revision of the genus *Lasianthus* (Rubiaceae) from China [J]. *Syst Geogr Plant*, **72**: 63—110

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