

INDIGOFERA PEDICELLATA WIGHT & ARN.

A new record for Taiwan

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Huang and Ohashi (1977) in *Flora of Taiwan* (3: 309) have described *Indigofera trifoliata* L. based on *Hosokawa* 3271 from Pingtung, and *Hsu* 9441, *Kao* 7682 and *Hnang* 353 from Taitung which when critically examined revealed an admixture of two different species viz., *Indigofera trifoliata* L. and *I. pedicellata* Wt. & Arn. The latter species was first described by Wight and Arnott (1834) from Peninsular India and was considered to be endemic. It is interesting to note the occurrence of this species in Taiwan and therefore a detailed description and its differences with the allied species are given to facilitate the correct identity.

Indigofera pedicellata Wight & Arn. Prodr. Fl. Penin. Indo. Or. 200. 1834; Wight, *Icones* t.983. 1845; Baker in Hook. f. Fl. Brit. India 2: 94. 1876; Gamble, Fl. Pres. Madras 1: 218. 1957; Fyson, Fl. South Ind. Hill St. 1: 155, t.118. 1932; Sharma *et al.* in Biol. Mem. 2: 43. 1977; Vajravelu in Nair & Henry, Fl. Tamil Nadu 1: 113. 1983. Type: India, Neelgherries, Wight Cat. No. 868 (CAL! K-Photo!).

I. trifoliata auct. non L.; Huang & Ohashi in Li *et al.* Fl. Taiwan 3: 309. 1977. *pro parate*.

Shrubs, 25-35 cm tall; branches many trailing, slender, sometimes woody, terete, grey pubescent and glanduliferous when young, glabrous at maturity. Leaves 1-1.5 cm long, digitately trifoliolate; petiole 5-6 mm long; leaflets 7-8 × 3-4 mm, obovate to obovate-lanceolate, cuneate at base, rounded at apex, thinly adpressed pubescent above, adpressed pubescent and glandular punctate beneath; stipules 1 mm long, subulate, pubescent without; petiolules 0.5 mm long, pubescent; stipels absent. Racemes 1.8-2.5 cm long, axillary, peduncle 5-9 mm long, pubescent, 8-12-flowered, rachis elongating in fruits. Flowers 6-7 mm long, red; pedicels 3-5 mm

Table 1. Showing differences between *I. pedicellata* and *I. trifoliata*

<i>I. pedicellata</i> Wt. & Arn.	<i>I. trifoliata</i> L.
1. Diffuse shrubs	1. Erect shrubs
2. Leaves digitately trifoliolate	2. Leaves pinnately and/or digitately trifoliolate
3. Racemes 18-25 mm long, longer than leaves	3. Racemes 10 mm long, shorter than leaves
4. Pedicels 3-5 mm long	4. Pedicels 1 mm long
5. Bracts persistent	5. Bracts caducous
6. Pods 2 mm broad, narrowly winged, spreading	6. Pods 4 mm broad, broadly winged, pendulous
7. Rachis elongating in fruits	7. Rachis not elongating in fruits

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long, grey pubescent; bracts up to 1 mm long, lanceolate, acute; standard 5 mm long, obovate, adpressed pubescent and glanduliferous without; wings 4.5 mm long, glabrous; keels 5 mm long, spathulate, pubescent and glanduliferous without, spurred on sides. Stamens diadelphous (9+1), filaments 4.5-5 mm long. Ovary 1-1.2 mm long, oblong, glabrous; style 3 mm long, glanduliferous; stigma capitate. Pods 1.5-2.5×0.2 cm, linear, spreading, compressed, shortly apiculate, adpressed pubescent and glanduliferous, 6-8-seeded, sutures broad, shortly winged, seeds 1×0.5 mm, ellipsoid, smooth, reddish-brown.

Fls.: August—September; *Frts.*: September—October.

Distribution: INDIA (Hill tops of Tamil Nadu) and TAIWAN (Pingtung).

Specimens examined: Taiwan: Pingtung, Oluanpi, Aug. 11, 1931, *T. Hosokawa* 3271 (TAI); India: Rotribole, 1900 m, Coimbatore Dist. Sept. 9, 1905, *C. E. C. Fischer* 145 (CAL).

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臺灣豆科之一新紀錄植物 (長梗木藍)

M. Sanjappa

摘 要

1977年臺灣植物誌第三卷 309 頁所述之三葉木藍實為兩種植物的混合體，其中之一之模式標本產自印度，名為長梗木藍者，文中也比較二種之不同點。