

香港樟科一新种—腺叶琼楠

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摘要: 报道樟科琼楠属一新种, 即腺叶琼楠 *Beilschmiedia glandulosa* N. H. Xia, F. N. Wei & Y. F. Deng。腺叶琼楠与美脉琼楠 *B. delicata* S. Lee & Y. T. Wei 和网脉琼楠 *B. tsangii* Merr. 近似, 但叶面具腺状小突起, 花序短和果实表面光滑, 不具小瘤点而容易区别。

关键词: 樟科; 琼楠属; 腺叶琼楠; 新种; 香港

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Beilschmiedia glandulosa (Lauraceae), A New Species from Hong Kong

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Abstract: A new species of *Beilschmiedia* of Lauraceae, *B. glandulosa* N. H. Xia, F. N. Wei & Y. F. Deng, is described and illustrated. The new species is similar to *B. delicata* S. Lee & Y. T. Wei and *B. tsangii* Merr., but differs in its short inflorescences, glandular spotted on upper surface of leaves and smooth fruits.

Key words: Lauraceae; *Beilschmiedia*; *Beilschmiedia glandulosa*; New species; Hong Kong

Beilschmiedia Nees is a large genus containing about 200 species, distributed mainly in tropical regions of the world^[1]. There are two species, *B. fordii* Dunn and *B. tsangii* Merr., recorded from Hong Kong^[2]. In the course of preparing the manuscript of Lauraceae for *Flora of Hong Kong*, we have the opportunity to re-examine the materials kept in Hong Kong Herbarium. We realized that Hong Kong specimens identified as *B. tsangii* are different from materials of *B. tsangii* Merr. collected from Hainan, Guangdong, Guangxi and Yunnan, and represent an undescribed species. *Beilschmiedia glandulosa* N. H. Xia, F. N. Wei & Y. F. Deng, is described herein. The species is similar to *B. delicata* S. Lee & Y. T. Wei and *B. tsangii* Merr. in habit, but differs in its short

inflorescences, glandular leaves and smooth fruits^[1].

Beilschmiedia glandulosa N. H. Xia, F. N. Wei & Y. F. Deng, sp. nov. Fig. 1

Species affinis *B. delicata* S. Lee & Y. T. Wei et *B. tsangii* Merr., a quibus foliis supra dense glanduloso-punctatis, inflorescentiis 1.5-3 cm longis, fructibus laevibus differt.

Trees; branchlets grayish brown, pubescent, glabrescent, terminal buds pubescent. Leaves subopposite, leathery, elliptic, narrowly elliptic to oblanceolate, 4.5 - 8.5 cm × 1.5 - 3.5 cm, base attenuate, apex obtuse, margin entire, glabrous, brownish abaxially when dry, densely glandular spotted adaxially; main veins elevated on both

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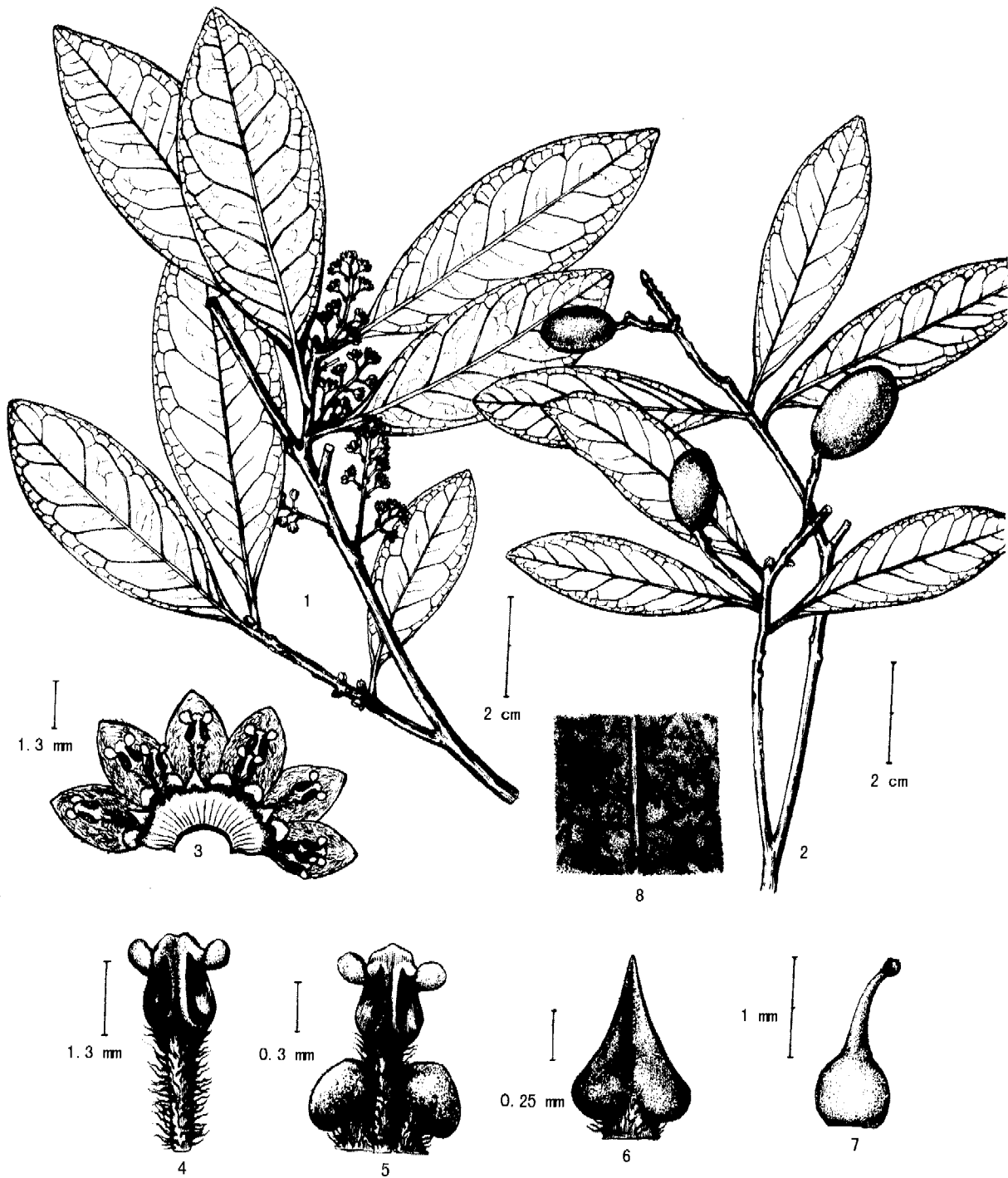


Fig. 1 *Beilschmiedia glandulosa* N. H. Xia, F. N. Wei & Y. F. Deng

1. Flowering branch; 2. Fruiting branch; 3. Flower; 4. Stamen of the first and second whorls; 5. Stamen of the third whorl; 6. Staminode; 7. Ovary; 8. Part of adaxial surface of leaf blade (enlarged). (Drawn by Y. X. Liu)

surfaces, lateral veins 5–7 pairs, together with tertiary veins prominent on both surfaces. Petioles 5–8 mm long. Inflorescences axillary, racemose or thyrsoide, 1–3 clustered, 1.5–3 cm long, shortly pedunculate.

Bracteoles ovate, ca. 1 mm × 0.6 mm, pilose. Pedicels 2–4 mm. Flowers ca. 4 mm × 4 mm, perianth-tube short. Perianth-lobes 6, rarely 7–8, ovate, ca. 2.5 mm long, pilose inside, sparsely villose outside. Fertile

stamens 9 in 3 whorls, 6 of outer two whorls opposite to perianth-lobes, filaments 1 mm long, densely pilose, anthers ca. 0.8 mm long, 2-celled, cells introrse, each of the third whorl stamens with a pair of short-stalked orbicular-reniform glands near the base of filaments, filaments ca. 0.5 mm long, densely villose, anthers ca. 0.5 mm long, 2-celled, cells extrorse. Staminodes 3 of the innermost whorl, ca. 0.8 mm long, ovoid. Ovary cylindrical, ca. 2.5 mm long, sparsely villose, style ca. 1 mm long, stigma capitate. Fruits ellipsoid, apiculate, bluish black when maturing, 1.5–2.2 cm long, 1–1.5 cm across, smooth, wrinkled when dry. Seeds 1.3–2 cm long, 0.8–1.2 cm across.

CHINA. Hong Kong: Tai Tam, 8/1982, Yip & Fai s.n. (HK, herb. No. 34327, *typus*, HK); same

locality, 17/2/1981, Yip & Fai s.n. (HK, herb. No. 34238); Ng Tung Chai, F. W. Xing 7756; Bowen Rd., K. L. Yip 4197; Aberdeen New Rd., S. Y. Lau 442; Severn Rd., S. Y. Lau 1165; Deep Water Bay Rd., S. Y. Lau 1651; Fung Mun Kau, Yip & Fai s.n. (HK herb. No. 34208); W. J. Tutcher s.n. (HK herb. No. 4756); W. J. Tutcher s.n., Jan. 25, 1911 (ex Herb. Hongk. No. 9118); Mt. Parker, W. J. Tutcher s.n. (ex Herb. Hongk. No. 5223).

Etymology. The new species is named for its leaves with glandular spots adaxially.

The comparison characters among *Beilschmiedia glandulosa*, *B. delicata* and *B. tsangii* are shown in Table 1.

Table 1 A comparison of *Beilschmiedia glandulosa*, *B. delicata* and *B. tsangii*

Characters	<i>B. glandulosa</i>	<i>B. delicata</i>	<i>C. tsangii</i>
Terminal buds	Grayish brown pubescence	Densely grayish yellow pubescence	Yellowish brown pubescence
Petiole	5–8 mm, glabrous	8–13 mm, pubescent	5–14 mm, glabrous or minutely pubescent
Leaf shape	Elliptic, narrowly elliptic to oblanceolate	Elliptic to oblong elliptic	Elliptic to oblong elliptic
Leaf blade	Glandular spotted adaxially	Eglandular	Eglandular
Midvein	Elevated on both surfaces	Elevated on both surfaces	Elevated adaxially, impressed abaxially
Inflorescence	1.5–3 cm long	3–7 cm long	3–5 cm long
Peduncle	Dumpy	Slender	Slender
Fruit	Smooth, not tuberculate, wrinkled when dry	More or less obviously tuberculate	More or less obviously tuberculate

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