

## Taxonomic note on *Wikstroemia salicina* (Thymelaeaceae)

<sup>1</sup>ZHANG Yong-Hong <sup>2</sup>David E. BOUFFORD <sup>1</sup>SUN Hang\*

<sup>1</sup>(Key Laboratory of Biodiversity and Biogeography, Kunming Institute of Botany, the Chinese Academy of Sciences, Kunming 650204, China)

<sup>2</sup>(Harvard University Herbaria, 22 Divinity Avenue, Cambridge, MA 02138, U.S.A.)

**Abstract** The occurrence of *Wikstroemia salicina* (Lévl.) Lévl. & Blin (Thymelaeaceae) in China is confirmed and a new description is provided based on the isotype specimen at the Harvard University Herbaria (A).

**Key words** *Wikstroemia salicina* (Lévl.) Lévl. & Blin, Thymelaeaceae, China.

*Wikstroemia salicina* (Lévl.) Lévl. & Blin (Rehder, 1916; Léveillé, 1917) was based on *Daphne salicina* Lévl. (Léveillé, 1915). Because of limited access to resources outside of China prior to the time the treatment of Thymelaeaceae was published in *Flora Reipublicae Popularis Sinicae* (Huang, 1999), *W. salicina* was treated as a species of uncertain status. The inaccessibility of the type specimen (holotype, E; isotype, A!), or even to a photo of it, and the incomplete original description, was remedied recently when we were able to examine the isotype specimen of *D. salicina* in the Harvard University Herbaria (A) and note its distinguishing features. *Wikstroemia salicina* is distinct from other species of *Wikstroemia* Spreng. It is most closely related to *W. ligustrina* Rehder (Rehder, 1934), but is readily distinguished by the narrower leaves with firmer texture, pubescence on both surfaces and revolute margins, pubescent inner perianth and the linear solitary disk scale at the base of the pubescent ovary. *Wikstroemia salicina* is described below and many useful taxonomic characters that previous researchers have not described are added.

**Wikstroemia salicina** (Lévl.) Lévl. & Blin in Sarg., Pl. Wilson. 2: 535. 1916.—*Daphne salicina* Lévl., Bull. Intl. Geogr. Bot. 25: 42. 1915. Type: China. Yunnan (云南): Paturages du lé-ma-tchouan, alt. 3200 m, 1912-06 (or 1913-06), *E. E. Maire s.n.* (holotype, E; isotype, A!).

### 柳叶莢花

Shrubs ca. 1.5 m tall, aspect like *Salix* L. Young branches terete, grayish white, pubescent; older branches brown, glabrate. Buds subglobose, yellowish white, pubescent. Leaves alternate, narrowly lanceolate, entire, firmly chartaceous, 1.5–2.5 cm long, 4–8 mm wide, both surfaces densely grayish white, pubescent, margin revolute, apex acute or obtuse, adaxial midrib concave, abaxial midrib elevated; lateral nerves 4–6 pairs, adaxially faintly visible, abaxially elevated; petiole pubescent, ca. 1.5 mm long. Inflorescences head-like or short spikes, terminal, 8- to 20-flowered; shortly pedunculate, pubescent. Pedicels pubescent, 1–2 mm long. Flowers: perianth 1–1.5 cm long, pubescent on both surfaces, abaxially densely grayish white pubescent, adaxially sparsely pubescent, pubescence chiefly on 8 longitudinal veins inside tube of perianth; corolla yellow, lobes 4, ovate, apex obtuse. Stamens 8, in 2 series, inserted in perianth tube, upper ones below throat, lower ones in middle of tube; anthers ca. 1.2 mm long; filaments ca. 0.3 mm long; disc scale developed on one side,

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\* Author for correspondence. E-mail: <hsun@mail.kib.ac.cn>.

quadrate, base thick, upper portion thin, ca. 1.2 mm long, usually 2-lobed; ovary narrowly ovoid-ellipsoid, densely pubescent, ca. 1.5 mm wide, stigma capitate; fruit fusiform, covered by persistent perianth.

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## 中国瑞香科植物——柳叶蒨花的确认及补充描述

<sup>1</sup>张永洪 <sup>2</sup>David E. BOUFFORD <sup>1</sup>孙 航\*

<sup>1</sup>(中国科学院昆明植物研究所生物多样性与生物地理学重点实验室 昆明 650204)

<sup>2</sup>(Harvard University Herbaria, 22 Divinity Avenue, Cambridge, MA 02138, U.S.A)

**摘要** 确认了中国瑞香科Thymelaeaceae存疑植物柳叶蒨花*Wikstroemia salicina* (Lévl.) Lévl. & Blin为中国植物记录, 同时补充描写了一些其重要的分类学特征。

**关键词** 柳叶蒨花; 瑞香科; 中国