

广东黄杨科一新种

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A New Species of Buxaceae from Guangdong

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关键词: 黄杨科; 黄杨属; 广东

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潮安黄杨 新种 图 1

Buxus chaoanensis H. G. Ye, sp. nov. Fig. 1

Species floribus femineis inter stylos 3 glandibus praeditis insignis, *B. cephalanthae* Levl. et Vant. var. *shantouensi* M. Cheng affinis, sed foliis obovato-spathulatis, crasse coriaceis, nervis lateralibus utrinque obsolete differt. Type: Guangdong, Chaoan Xian, in crevices of rocks of valleys, alt. 300 m. H. G. Ye 319 (holo-, IBSC).

Evergreen shrub, 10-30(-40) cm high. Branchlet angulate, glabrous. Leaves opposite; petiole 1-2 mm, papillose; leaf blade thickly leathery, obovate to narrowly obovate, 1-1.5 cm long and (3-) 4-7 mm broad, apex rounded, emarginate, base cuneate, decurrent into a short petiole, margin entire, ±revolute; midrib raised on both sides; lateral nerves inconspicuous. Inflorescence terminal and axillary, capitate; rhachis 4-6 mm long, puberulent, with 1-2 pairs of bract at base; bracts narrowly ovate-triangular, 1.5 mm × 0.6 mm, apex acuminate. Male flower 5-6 in each inflorescence, subsessile; Sepal 4, triangular-ovate, cymbiform, 1.5-2 mm × 0.8 mm; anther c. 1 mm; filament flat; reduced pistil small, style c. 2 mm. Female flower solitary at apex of the inflorescence; petal 6, ovate, cymbiform, c. 2 mm × 1 mm, apex acute, ciliate; ovary ovoid, c. 2.5 mm, with 3 large glands among the styles; style 3 erect, c. 1 mm; stigma obovate, 2 lobed. Capsule ellipsoid, 5-6 mm long and 4.5 mm broad, apex emarginate. Flowering: April; fruiting: Aug.-Oct.

Specimens examined: Guangdong, Chaoan Xian. In crevices of rocks in valleys, alt: 300 m. F. Y. Zeng 1516.

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常绿灌木,高 10-30(-40)cm。小枝具棱,无毛。叶对生,叶片倒卵形或狭倒卵形,革质,长 1-1.5 cm,宽(3-)4-7 mm,顶端圆钝,微凹,基部楔形,下延成短柄,两面无毛,边缘全缘,反卷,中脉在两面凸起,侧脉不明显;叶柄长 1-2 mm,两侧具乳头状突起。头状花序腋生兼顶生,花序轴长 4-6 mm,被微柔毛;花序轴基部苞片 1-2 对,狭卵状三角形,长约 1.5 mm,宽约 0.6 mm,顶端渐尖;雄花:6-8 朵,近无梗,萼片 4 枚,成 2 对,三角状卵形,凹陷呈舟状,长 1.5-2 mm,宽约 0.8 mm,花药长约 1 mm,花丝扁平,退化子房小,花柱长约 2 mm;雌花 1 朵,位于花序轴顶端,萼片 6 枚,卵形,凹陷呈舟状,长约 2 mm,宽约 1.5 mm,顶端急尖,边缘具缘毛,子房卵球形,长约 2.5 mm,顶端中央具 3 枚明显的圆形大腺体,花柱 3 枚,直立,长约 1 mm,柱头狭倒心形,2 深裂。蒴果椭圆形,长 5-6 mm,宽约 4.5 mm,顶端凹陷;宿存腺体顶端凹陷。花期:4 月;果期:8-10 月。

本种与汕头黄杨(*B. cephalantha* var. *shantouensis* M. Cheng)相近,主要区别在于花柱与子房顶端之间具 3 个大腺体,叶革质,匙状倒卵形。

A distinctive species, in many ways similar to *B. cephalantha* Lèvl. et Vant. var. *shantouensis* M. Cheng, differs mainly in having three large glands among styles at the top of the ovary, and thickly leathery obovate-spathulate leaves.

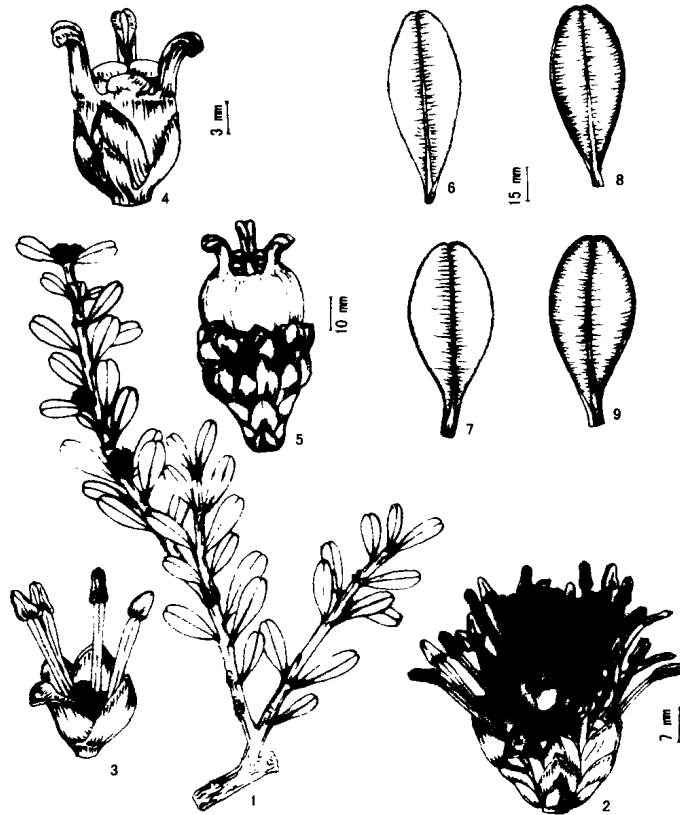


图 1 Fig. 1 潮安黄杨 *Buxus chaoanensis* H. G. Ye

1. 花枝 Flowering branches; 2. 花序 Inflorescence; 3. 雄花 Male flower; 4. 雌花 Female flower; 5. 果实 Fruit; 6, 7. 叶片上面 Adaxial surface of leaf blade; 8, 9. 叶片背面 Abaxial surface of leaf blade (刘运笑绘 Drawn by LIU Yun-xiao)