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云南杜鹃花属二新种*

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TWO NEW SPECIES OF *RHODODENDRON*
FROM YUNNAN, CHINA

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Key words *Rhododendron*; *R. jinchangense* Z. H. Yang; *R. fuyuanense* Z. H. Yang; Yunnan**关键词** 杜鹃花属; 金厂杜鹃; 富源杜鹃; 云南 **新种**

1 金厂杜鹃 新种 图 1

Rhododendron jinchangense Z. H. Yang, sp. nov. (Subgen. *Hymenanthes*, Sect. *Ponticum*, Subsect. *Fortunea*)Species nova valde affinis *R. fortunei* Lindley, sed foliis ellipticis vel anguste ellipticis tenuiter coriaceis, petiolo brevior 1~2 cm longo, inflorescentia racemosa, corolla late infundibularis, staminibus usque ad 16 distincta.

Arbor 2.5~5 m alta. Ramuli valide cylindrici, glaberrimi, cinerei. Folia tenuiter coriacea, conferta, elliptica vel anguste elliptica, apice acuminata, basi cuneata, 11~16 cm longa, 3~5.4 cm lata, supra viridia subtus dilute viridia, glaberrima, costa supra leviter impressa, subtus elevata, nervis utroque costae latere 14~18, leviter conspicuis; petioli atrovirentes, glabri, supra leviter impressi, subtus subrotundati, 1~2 cm longi. Racemus 7~11-florus; rhachis viridula, glabra, 2~2.5 cm longa; pedicelli crassi, glandulosi, 2.7~3.4 cm longi; calyx discoideus, extus glandulosus; corolla late infundibularis, 4.8~6 cm longa, 5~5.5 cm diam., rosea, lobis 7, subrotundatis, 1.8 cm longis, 2 cm latis; stamina 12~15, inaequilonga, 2.5~3.5 cm longa, filamentis glabris, antheris oblongis, 3 mm longis; ovarium ovoideum, 7 mm longum, dense stipitato-glandulosum; stylus crassus, 4.2 cm longus, viridulus, sparse glandulosus; stigma discoideum, 4 mm diam.

Yunnan (云南): Malipo (麻栗坡), alt. 1500~1600m, 1995-04-01, Z. H. Yang (杨增宏) 95-1473(holotypus, KUN).

乔木, 高 2.5~5 m, 小枝粗壮, 圆筒形, 无毛, 灰色。叶薄革质, 密集, 椭圆形或狭椭圆形, 先端渐尖, 基部楔形, 长 11~16cm, 宽 3~5.4cm, 上面绿色, 下面淡绿色, 无毛; 中

* 1995-08-16 收稿。



图1 金厂杜鹃 1. 花枝; 2. 雄蕊; 3. 雌蕊。

Fig.1 *Rhododendron jinchangense* 1. flowering branch; 2. stamen; 3. pistil.

脉在上面微凹陷,在下面凸起,侧脉14~18对,微明显;叶柄暗绿色,无毛,上面微凹,下面近圆形,长1~2 cm。总状花序,有花7~11朵,花序轴淡绿色,无毛,长2~2.5 cm;花梗粗壮,具腺体,长2.7~3.4 cm;花萼盘状,外侧具腺体;花冠宽漏斗状,长4.8~6 cm,直径5~5.5 cm。粉红色,裂片7,近圆形,长1.8 cm,宽2 cm;雄蕊12~16枚,不等长,长2.5~3.5 cm,花丝无毛,花药长圆形,长4 mm;子房卵圆形,长7 mm,密被有柄腺体;花柱粗壮,长4.2 cm,淡绿色,被稀疏腺体;柱头盘状,直径4 mm。

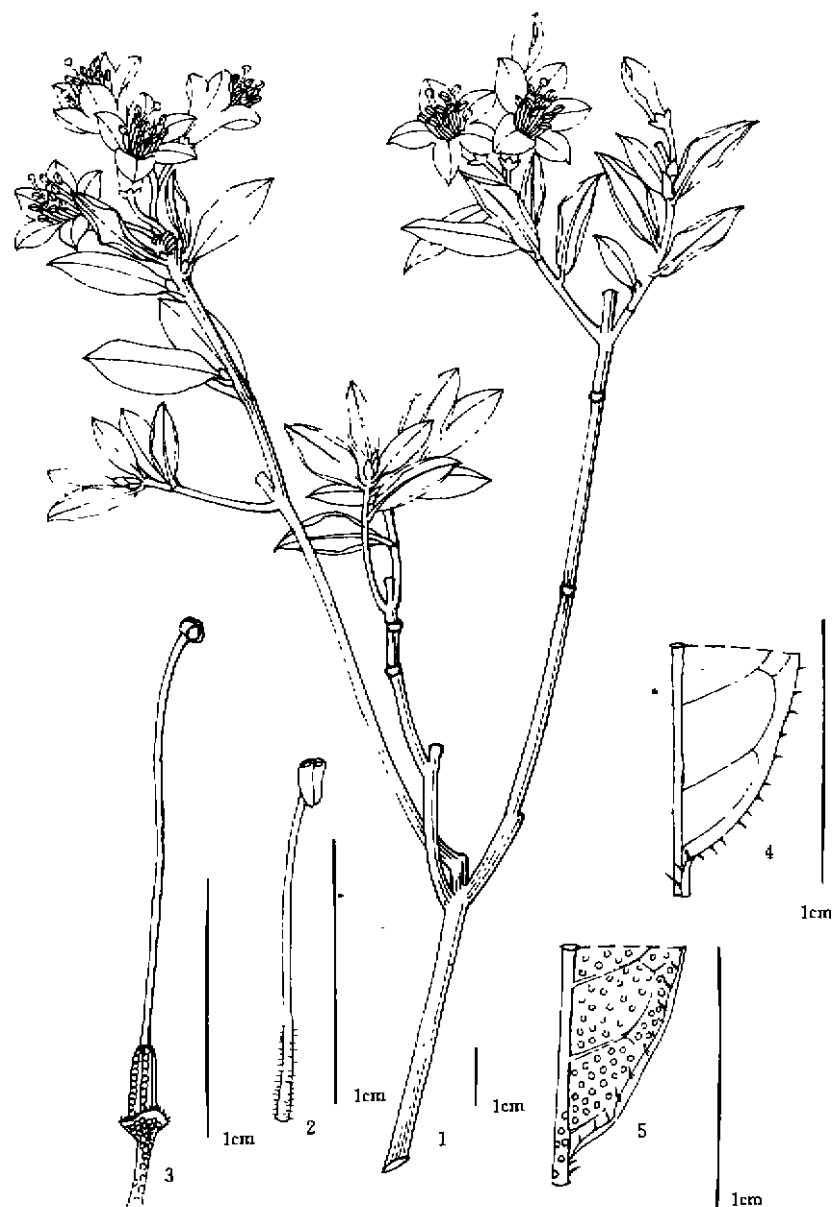


图2 富源杜鹃 1. 花枝; 2. 雄蕊; 3. 雌蕊; 4. 正面叶部分放大; 5. 背面叶部分放大

Fig.2 *Rhododendron fuyuanense* 1. flowering branch; 2. stamen; 3. pistil; 4. the upper surface of leaf (enlarged); 5. the lower surface of leaf(enlarged).

本种明显近于云锦杜鹃 *Rhododendron fortunei* Lindley, 但叶椭圆形或狭椭圆形, 薄革质, 叶柄较短, 长 1~2 cm, 总状花序, 花冠宽漏斗状, 雄蕊达 16 枚, 而易于区别。

2 富源杜鹃 新种 图 2

Rhododendron fuyuanense Z. H. Yang, sp. nov. (Subgen. *Rhododendron*, Sect. *Rhododendron*, Subsect. *Scabrifolia* (Hutch.) Cullen).

Species valde affinis *R. racemoso* Franch., sed ramulo viridulo, sparse nigri-glanduloso-squamato, foliis ellipticis vel anguste ellipticis, margine conspicue recurvis, nervis lateralibus 5~8-jugis subtus manifestis, calyce ciliato, corolla purpureo-rubra differt.

Frutex sempervirens, 0.5~2.5 m altus; ramuli viriduli, sparse nigri-glanduloso-squamati. Folia ad apicem ramuli aggregata vel dispersa, elliptica vel anguste elliptica, 1.2~3.5 cm longa, 0.6~1.2 cm lata, apice acuminata vel subrotundata, apiculata, basi cuneata vel anguste cuneata, margine manifeste revoluta, ciliata, supra sparse nigri-squamata, subtus cinereo-viridia, dense spadiceo-lepidota, costa supra conspicue impressa, subtus elevata, nervis lateralibus utroque costae latere 5~8 subtus conspicuis; petioli 2~4 mm longi, lepidoti. Inflorescentiae terminales vel axillares, 3~5-florae; squamis gemmarum floralium numerosis, imbricatis; pedicelligraciles, 0.6~1.2 cm longi, dense lepidoti; lobi calycis 5, rotundi, 1~1.5 mm longi, lepidoti, ciliati; corolla parva, infundibuliformis, purpureo-rubra, 1~1.5 cm longa, ad medium 5-fida, lobis ovatis, expansis, roseis, supra lepidotis; stamina 10, filamentis extra corolla exsertis, ad basim dense patule pubescentibus; ovarium 5-loculare, dense lepidotum; stylus stamine longior, glaber et non lepidotus.

Yunnan (云南): Fuyuan (富源) alt. 2000 m, 1995-03-28, Z. H. Yang, 95-1472 (holotypus, KUN).

常绿灌木, 高 0.5~2.5 m; 幼枝淡绿色, 具稀疏黑色腺鳞。叶密集枝顶或散生, 椭圆形或狭椭圆形, 长 1.2~3.5 cm, 宽 0.6~1.2 cm, 先端渐尖或稀近圆, 具小尖凸, 基部楔形或楔形渐狭, 边缘明显反卷, 具睫毛, 上面被疏黑色小鳞片, 下面灰绿色, 密被褐色鳞片; 中脉在上面明显下陷, 在下面隆起, 侧脉在下面明显, 5~8 对; 叶柄长 2~4 mm, 被鳞片。花序腋生于枝顶或上部叶腋, 花芽鳞片多数, 覆瓦状排列; 每花序有花 3~5 朵; 花梗纤细, 长 0.6~1.2 cm, 密被鳞片; 花萼裂片 5, 圆形, 长 1~1.5 mm, 被鳞片, 具缘毛; 花冠小, 漏斗状, 紫红色, 长 1~1.5 cm, 裂片圆形, 近于花冠中部分裂, 裂片开展, 外面被鳞片; 雄蕊 10 枚, 伸出花冠外, 花丝基部密被开展的柔毛; 子房 5 室, 密被鳞片, 花柱长过于雄蕊, 无毛, 无鳞片。

本种与腋花杜鹃 *Rhododendron racemosum* Franch. 相近, 但小枝淡绿色, 具稀疏腺鳞, 叶椭圆形或狭椭圆形, 边缘明显反卷, 具睫毛, 侧脉在下面明显 5~8 对, 花萼具缘毛, 花冠紫红色, 与之不同。