

大头茶属一新种

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A NEW SPECIES OF GENUS *GORDONIA*

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关键词 天堂果; 新种; 大头茶属; 山茶科

Key words *Gordonia tiantangensis*; New species; *Gordonia*; Theaceae

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天堂果 新种 图 1

Gordonia tiantangensis L. L. Deng et G. S. Fan, sp. nov. Fig. 1

Species nova *G. longicarpae* affinis, sed differt foliis apice leviter emarginatis; capsulis 6-8 locularibus, 6-8 angularibus, in 6-8 valvas dehiscentibus.

Arbor, 12-15 m alta, cortecibus glabris; ramuli juvenales tomentosi. Gemmae lucide cinereoque pilosae. Folia crasse coriacea, alternata, elliptica, margine integra or apice 1-3 leviter dentata utrinque, basi cuneata, apice parve emarginata, glabra, supra viridia, lucida, subtus pallide viridia, costis supra impressis, subtus expressis, nervis lateralibus inconspicuis, 12-15 jugatis, petiolis juvenilibus cinereo pilosis, 1-1.5 cm longis. Flos ignotus. Capsulae singulae, lignosae ovatae or ellipticae, 4.5-6 cm longae, 2-2.8 cm diam., 6-8 loculatae, conspicue 6-8 angulares, in 6-8 valvas dehiscentes, pericarpis conspicue transversarie dehiscentibus prino dense tomentosis, demum glabrescentibus; pedicellus sub fructu brevis, 5-8 mm longus, cinereo pilosus, demum glabrescens; axis sub fructu 3-3.8 cm longus, cylindricus; semina 6-9 per loculum, oblique ovata et 2-2.5 cm longa, oblonga or longe elliptica, membranacea, brunea longiptera.

Type: China, Yunnan Province, Changning County, Lancangjiang Nature Reserve, Tiantang Mountain, growing in evergreen broadleaf forest at 1800-2200 m above sea level, expedition of Lancangjiang River Nature Reserve, 980017, Sep. 10, 1998 (SWFC).

乔木, 树皮光滑; 嫩枝被绒毛。顶芽被亮灰色毛。叶厚革质, 互生, 椭圆形, 边缘全缘或仅上部微具 1-3 不明显锯齿, 基部楔形, 顶端微凹, 中脉在上面下凹, 在下面凸起, 两面无毛, 上面深

绿色，具光泽，下面灰绿色，侧脉两面均不明显，12—15对；叶柄粗壮，初具灰白色绒毛，后渐脱落，长1—1.5 cm。花未见。蒴果木质，单生，卵形或椭圆形，长4.5—6 cm，径2—2.8 cm，具明显6—8棱，果皮表面具明显的横向裂痕，密被绒毛，后渐脱落，6—8室种子着生于长柱状中轴上，中轴长3—3.8 cm，熟时开裂为6—8个果瓣；具有短果柄，长5—8 mm，果柄初具灰白色绒毛，后渐脱落，每室具有种子6—9粒。种子斜卵形，具长翅，翅长圆形或长椭圆形，膜质，褐色。

模式：云南省昌宁县澜沧江自然保护区天堂山，海拔1800—2200 m的常绿阔叶林中，澜沧江自然保护区考察队，980017，1998年9月10日（存西南林学院植物标本馆SWFC）。

本种近似于长果大头茶 (*G. longicarpa* Chang)，不同之处为叶先端微凹，蒴果明显6—8室，具6—8棱，开裂为6—8个果瓣而易于区别。

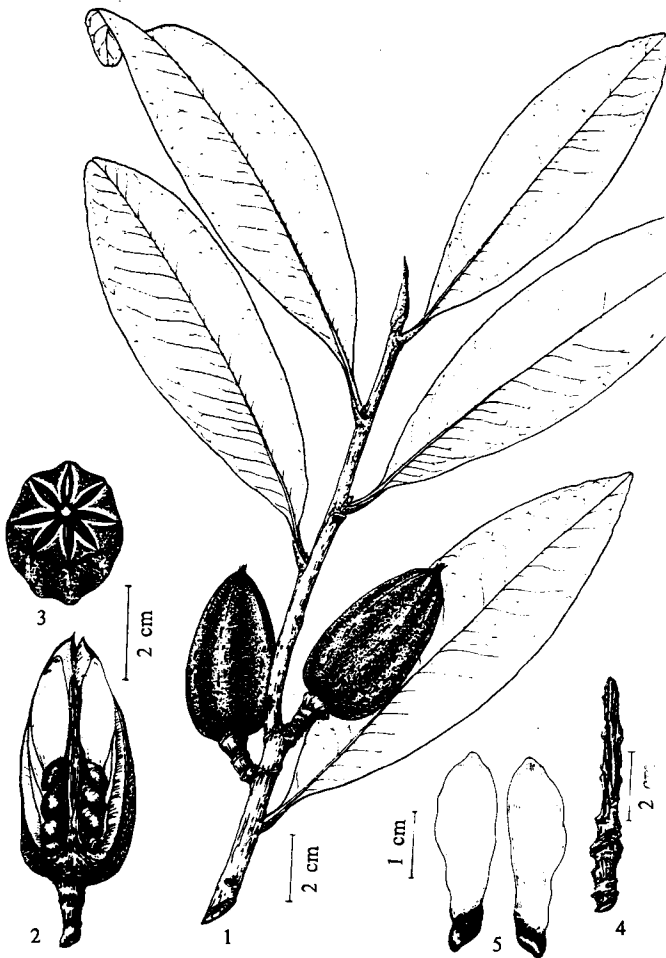


图1 天堂果 *Gordonia tiantangensis* L. L. Deng et G. S. Fan, sp. nov.

1. 果枝 Branch with fruits; 2. 果实纵剖面(示种子) Vertical section of fruit (showing seeds); 3. 果实横剖面 Transverse section of fruit; 4. 胎座轴 Axis of placenta in fruit; 5. 种子背腹面 Both sides of a seed. (王红兵绘 Drawing by H. B. Wang)