

产于浙江南部（开化、龙泉、温州）、江西、福建（浦城、泰宁、南平、宁德、永安、福州、龙岩、漳平、宁化）、湖南西部（芷江、黔阳）和南部（莽山、江华）、广东北部（翁源、乐昌、仁化、蕉岭、英德、九连山、乳源、大埔、北江）、广西东北部（金秀、苍梧、灵川、兴安、大苗山、龙胜、桂林、永福、阳朔、贺县）及贵州东部（石阡）等省区；多生于海拔 200—850 米的山地林中、林下或溪边阴蔽地。模式标本采自广东北江。

本种叶片较薄，硬纸质或薄革质，干后常呈黑褐色，萼片两面常具头垢状金黄色小圆点以及果实长卵形等极易与本属其他种区别。

10. 锥果厚皮香（新拟） 图版 4：4—6

Ternstroemia conicocarpa L. K. Ling [Icon. Corm. Sin. Suppl. 2: 476. 1983. in clavi nom. nud.] sp. nov. in Addenda p. 185.

灌木或小乔木，高 3—12 米；小枝灰褐色，平滑。叶互生，革质，常聚生于枝端，略呈假轮生状，椭圆形至阔椭圆形，长 6—10 厘米，宽 2.8—5.3 厘米，顶端短渐尖或短尖，基部阔楔形，常多少下延于叶柄上，全缘，上面深绿色，有光泽，下面淡绿色，两面无毛，干后不变黑，中脉在上面稍凹下，下面明显凸起，侧脉 6—8 对，纤细，两面均明显，且稍隆起，网脉不明显；叶柄长 1—2 厘米。花单生于叶腋，杂性；雄花未开，花梗长 1.5—3 厘米，稍粗壮，略扁；小苞片卵形，长约 2.5 毫米，宽约 2 毫米，顶端尖；萼片 5，圆卵形或近圆形，长 6—8 毫米，宽 5—7 毫米，顶端圆，有时有微凹，两面无毛，亦无金黄色小圆点；花瓣 5，阔倒卵形，长约 7 毫米，宽 7—8 毫米；雄蕊多数，约 50 枚以上，花药长圆形，长约 3 毫米，花丝短，长约 1 毫米；退化子房明显，具粗长的退化花柱。两性花未见。果卵形或卵状锥形，长 1.5—2 厘米，顶端略尖，基部最宽，直径 1—1.3 厘米，二室，宿存小苞片卵形，长约 2.5 毫米，宿存萼片圆卵形或近圆形，长约 8 毫米，宽约 7 毫米，果梗较粗，长约 1.5—3 厘米；种子卵状椭圆形，每室 1 个，长约 1 厘米，直径约 5 毫米。花期 5—6 月，果期 9—10 月。

产于湖南新宁、广东乳源、乐昌和广西灌阳、全州、龙胜、罗城等地；多生于海拔 300—500 米的山地林中或溪旁疏林中。模式标本采自广西灌阳。

本种和亮叶厚皮香 *T. nitida* Merr. 很近似，区别在于本种叶片干后不变黑，侧脉在两面均明显且稍隆起，萼片卵圆形，两面无毛，亦无金黄色小圆点以及果实较大，果梗较粗壮等。

11. 四川厚皮香（新拟） 图版 4：7—9

Ternstroemia sichuanensis L. K. Ling [Icon. Corm. Sin. Suppl. 2: 476. 1983. in clavi nom nud.] sp. nov. in Addenda p. 186.

灌木或小乔木，高 3—8 米，胸径 10—25 厘米，全株无毛；树皮黑褐色，平滑；嫩枝红褐色，小枝灰褐色。叶互生，薄革质或革质，常聚生于枝端，呈假轮生状，椭圆形或长圆状椭圆形，长 6—9 厘米，宽 2.8—4 厘米，顶端短渐尖或短尖，尖头钝，基部阔



图版 4 1—3. 亮叶厚皮香 *Ternstroemia nitida* Merr.: 1. 花; 2. 萼片; 3. 果实。4—6. 锥果厚皮香 *Ternstroemia conicocarpa* L. K. Ling: 4. 花枝; 5. 花; 6. 果实。7—9. 四川厚皮香 *Ternstroemia sichuanensis* K. K. Ling: 7. 花枝; 8. 花; 9. 果实。

Yunnan (云南): Gongsan Xian (贡山县), alt. 1300 m, in dense forest, Oct. 1, 1938, tree, 10 m. high, fruit reddish-green, Yu Te-tsun (俞德浚) 20540 (Type, PE); same locality, alt. 1700 m, in forest, Aug. 20, 1937, tree, 10 m high, fruit green, Yu Te-tsun (俞德浚) 19915, 21022; Feng Kuo-mei (冯国楣) 24327.

锥果厚皮香 (新种)

Ternstroemia conicocarpa L. K. Ling, sp. nov.

Species *T. nitidae* Merr. similis, sed foliis sicco non nigrescentibus, nervis lateralibus utrique conspicuis, paulo elevatis, sepalis oblongis, utrique glabris, sine punctis luteis nitatis, Fructibus majoribus, pedicellis crassioribus differt.

Frutex vel arbor parva, 3—12 m alta, ramulis griseo-brunneis, glabris. Folia alterna, coriacea, saepe ad apicem ramorum aggregata, subverticillata, elliptica vel late elliptica, 6—10 cm longa, 2.8—5.3 cm lata, apice breviter acuminata vel breviter acutata, basi late cuneata, plus minusve decurrentia in petiolis, margine integra, supra atro-viridia, nitida, subtus laete viridia, utrique glabra, sicconon nigrescentia, costa supra paulo impressa, subtus conspicua, elevata, nervis lateralibus 6—8-jugis, gracilibus, utrique conspicuis, paulo elevatis, venulis reticulatis inconspicuis; petiolis 1—2 cm longis. Flores in axilla foliorum singularis; flores masculi inaperti, pedicellis 1.5—3 cm longis, paulo crassis, subplano-compressis; bracteolae ovatae, circ. 2.5 mm. longae, 2 mm latae, apice acutatae; sepala 5, ovato-rotunda vel subrotunda, 6—8 mm longa, 5—7 mm lata, apice rotunda, interdum emarginata, utrique glabra, sine tuteis punctis notatis; petala 5, late obovata, 7 mm longa, 7—8 mm lata; stamina numerosa, superata 50, antheris oblongis, circ. 3 mm longis, filamentis brevis, circ. 1 mm longis; ovarium abortivum conspicuum, stylum abortivum crassus longus. flores hermaphroditus ignoti. Fructus ovatus vel ovato-conicus, 1.5—2 cm longus, apice acutiusculus, basi latissimus, 1—1.3 cm diam., 2-loculare, bracteolae persistentes ovatae, circ. 2.5 mm longae, sepala persistentes ovato-rotundata vel subrotundata, circ. 8 mm longa, 7 mm lata, pedicelli crassiores, 1.5—3 cm longis; semina ovato-elliptica, in quoque loculo singula, 1 cm longa, circ. 5 mm diam.

Guangdong: Ruyuan Xian (乳源县); Xiyun Shi (西云寺), in forest, May, 29, 1933, tree, 12 m high, flowers yellowish white, Gao Xi-peng (高锡朋) 52760 (Type PE); Guangxi: Guanyang Xian (灌阳县), in hill slope, Sept. 23, 1958, fruits green, Chen Zhao-yin (陈照宙) 52392; Quan Xian (全县) Baiyun An (白云庵), under tree, June, 2, 1937; tree, 8 m high, flowers yellow, fragrans, Tseng Huai-de (曾怀德) 27579; Luocheng Xian (罗城县), Tia Lian Shan (大岭山), alt. 500 m, in forest, May, 28, 1928, tree, 15 m, high, flowers white, Ching Ren-chang (秦仁昌) 5298. Hunan: Xinning

Xian (新宁县), alt. 270 m, in hill slope, Aug. 16, 1985, tree, 5 m high, D. B. H. (胸高直径) 5 cm, fruits green, Luo Yi-bo (罗毅波) 3157.

四川厚皮香 (新种)

Ternstroemia sichuanensis L. K. Ling, sp. nov.

Species valde affinis *T. gymnantherae* (Wight et Arn.) Beddome, sed fructu ovato, apice acuto, antheris filamentis brevioribus, laminis latioribus. *T. nitidae* Merr. affinis, sed siccitate foliis nigris, nervis lateralibus utriusque elevatis, sepalis oblongis differt.

Frutex vel arbor parva, 3—8 m alta, trunco circ. 10—25 cm diam., ubique glabra; cortex niger, ramulis juvenibus rubiginosis, ramulis griseo-brunneis. Folia alterna tenuiter coriacea vel coriacea, saepe aggregata apice ramosum, subverticillata, elliptica vel oblongo-elliptica, 6—9 cm longa, 2.8—4 cm lata, apice breviter acuminata vel breviter acutata, in apicibus obtusis, basi late cuneata, interdum cuneata, integra, supra atroviridia, subtus laete viridia vel laete fulvo-viridia, utriusque glabra, costa supra impressa, subtus elevata, nervis lateralibus 6—7-jugis, inconspicuis; petiolis 1—2 cm longis. Flors in axillis foliorum singularis vel ramulis foliorum delabentium crescentes, pedicelli gracili, 1—1.5 cm longi. flores masculi, 1.3—1.5 cm diam., bracteolae 2, ovato-triangularae vel ovato-lanceolatae, 1—2.5 mm longae, 1—1.5 mm latae, apice acutae; sepala 5, ovato-oblonga vel oblonga, 3—4.5 mm longa, 2—3.5 mm lata, apice rotunda vel obtusa, margine glandulo-serrulata, extus glabra; petala 5, flava vel flavida, late obovata, 6—7 mm longa, circ. 6 mm lata, apice rotunda et emarginata; stamina circ. 45, 4—5 mm longa, antheris lineari-oblongis, filamentis antheris longiores vel subaequilongis, apice elevatis inconspicuis, ovariis abortiviis minutis, flores hermaphroditi ignoti. Fructus ovatus, purpureus in maturitate, 10—12 mm longum, basi latissimus, circ. 8 mm diam., apice acuminatus, biloculatus, stylo persistenti breviori bipartito, circ. 1 mm longo, bracteolae persistentes, sepala persistentia oblonga, 4—5 mm longa, 3—3.5 mm lata, pedicellis 1—1.5 cm longis, carpello tenuiter coriaceo; semina in quoque loculo duo, oblongo-semicircularia, arillo rubro in maturitate, circ. 7 mm longo, circ. 4 mm diam.

Sichuan: Omeishan (峨眉山), Daping (大坪), alt. 1300 m, forest along road side, Aug. 15, 1973, tree, 5 m high, fruits purplish-red, Yand Ya-bin (杨亚滨) 181 (Type, PE); Oshan Xian (峨山县), alt. 1750 m, Oct. 1957, tree, 6 m high, fruits red, Yang Guang-hui (杨光辉) 57475; Chongqing Shi (重庆市), Beibei (北碚), Jinyun-shan (缙云山), alt. 700 m, in forest, July, 17, 1954, tree, 3 m high, flowers yellowish-white, Fang Wen-pei (方文培) 689; Nanchuan Xian (南川县), alt. 1400 m., forest along hill ravine, June, 24, 1957, shrub. 1 m high, flowers white, Xiong Ji-hua (熊