

广西杨桐属和定心藤属二新种^{*}

方 鼎, 覃德海

(广西中医药研究所, 广西南宁 530022)

Two New Species of *Adinandra* and *Mappianthus* from Guangxi, China

FANG Ding, QIN De-Hai

(Guangxi Institute of Traditional Medical & Pharmaceutical Sciences, Nanning 530022 China)

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关键词: 凹萼杨桐; 绒毛定心藤; 新种; 广西

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1 凹萼杨桐 新种 图 1

Adinandra retusa D. Fang et D. H. Qin, sp. nov. Fig. 1

Species *A. grandi* L. K. Ling similis, sed foliorum laminis crasse coriaceis, pedicellis fructiferis juventute robustis, sepalis persistentibus minoribus 3—4 mm longis et 4—5 mm latis, fructis juventute 3-loculatis, stylis persistentibus apice bilobatis differt.

Frutex ca. 1 m altus. Ramus et ramulus teres, robustus, 2.5—5 mm crassus, glaber; gemmae terminales longe conicae, 1.8—2.3 cm longae, glabrae. Folia alterna, disticha; laminae crasse coriaceae, ellipticae raro obovatae, 4.5—12.5 cm longae, 2.7—6 cm latae, apice subito breviter acuminatae, acumine obtuso raro retuso, basi acutae raro cuneatae, leviter decurrentes, margine integrae, supra subnitidae, subtus sicco ferruginescentes, sparsae inconspicue atrobrunneo-glandulatae, utrinque glabrae, costa supra impressa subtus prominenti, nervis lateralibus utrinsecus (9—) 17—25 supra subconspicuis subtus inconspicuis; petioli robusti, 0.5—1.2 cm longi, supra canaliculati, glabri. Flores 1—2 axillares; pedicelli fructiferi juventute 1—1.8 cm longi, robusti, e basi sursum ad apicem sensim crassiusculi, glabri; bractae deciduae. Sepala persistentia 5, imbricata, oblata raro suborbicularia, 3—4 mm longa, 4—5 mm lata, crasse coriacea, apice retusa vel emarginata mucronata, utrinque glabra, margine tenuiora et ciliolata. Petala staminaque deciduas. Fructus juventute late ovoides, glaber, 3-loculatus, ovulis in quoque loculo plurimis (ca. 20—30), stylo persistenti 7—8 mm longo e basi sursum sensim gracilescenti apice minute bilobato. Fructus maturus ignotus.

Guangxi (广西): Napo (那坡), Baidu (百都), Nonghua (弄化), limestone hill, in forests, rare, alt. 1250 m, 1985-07-15. D. Fang & D. H. Qin (方鼎、覃德海) 79668 (holotype, GXMI).

灌木, 高约 1 m。枝和小枝圆柱形, 粗壮, 粗 2.5—5 mm, 无毛; 顶芽长锥形, 长 1.8—2.3 cm, 无毛。叶互生, 二列; 叶片厚革质, 椭圆形稀倒卵形, 长 4.5—12.5 cm, 宽 2.7—6 cm, 先端骤短尖, 尖头钝稀微凹, 基部急尖稀楔形, 稍下延, 边全缘, 上面稍光亮, 下面干时变锈色, 散生不明显的暗棕色小腺点, 两面无毛, 中脉上面下凹, 下面隆起, 侧脉每边 (9—) 17—25 条, 上面稍明显, 下面不明显;

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作者简介: 方鼎 (1926—) 男, 安徽人, 副研究员, 主要从事药用植物资源的研究。

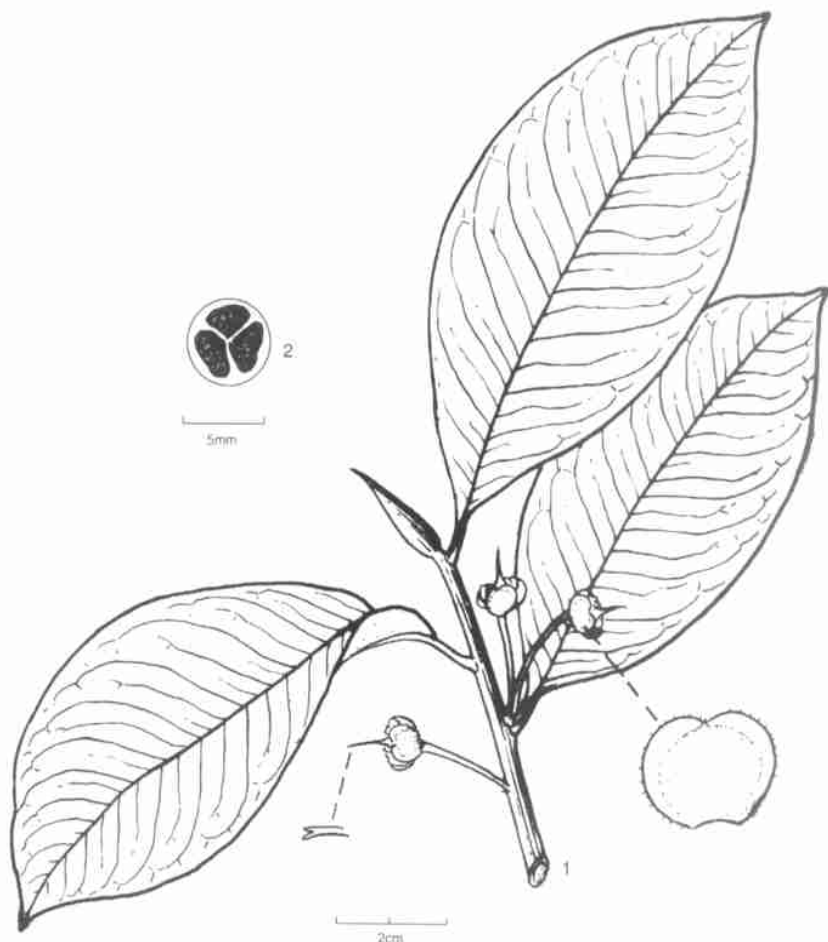


图1 凹萼杨桐 1. 幼果枝; 2. 幼果横切面示3室。(廖信佩绘)

Fig. 1 *Adinandra retusa* D. Fang et D. H. Qin

1. Fruiting branch with young fruits; 2. Transverse section of a young fruit with 3 loculi.

叶柄粗壮, 长0.5~1.2 cm, 上面具沟, 无毛。花1~2朵腋生; 幼果梗长1~1.8 cm, 粗壮, 向上稍渐粗, 无毛; 苞片脱落。宿存萼片5, 覆瓦状排列, 扁圆形稀近圆形, 长3~4 mm, 宽4~5 mm, 厚革质, 先端微凹或微缺并具短尖, 两面无毛, 边缘较薄, 被小睫毛。花瓣和雄蕊凋落。幼果阔卵球形, 无毛, 3室, 胚珠每室多数(20~30); 宿存花柱长7~8 mm, 自基部向上渐变细, 顶端微2裂。成熟果实未见。花期约6月。

本种与大杨桐 *A. grandis* L. K. Ling 的区别在于这一新种叶片厚革质; 幼果梗粗壮; 宿存萼片较小, 长3~4 mm, 宽4~5 mm; 幼果3室; 宿存花柱先端2浅裂。

2 绒毛定心藤 新种

Mappianthus tomentosus D. Fang, sp. nov.

Proximus *M. iodidi* Hand.-Mazz., et *M. hookeriano* (Baill.) Sleum., sed ramis, ramulis, cirris, petiolis, sub-

tus costis cum nervis venulisque, pedunculis, pedicellis omnibus dense et patenter persistenti-fulvo-tomentosis, foliorum laminis basi saepissime subasymmetricis differt.

Liana lignosa, ca. 2 m alta, ad ramum, ramulum, circum, petiolum, subtus costam cum nervis venulisque, pedunculum et pedicellum omnino blavo-tomentosa. Ramus ramulusque teres, sparsim minute elliptico-lenticellatus, cirrus 1.5 mm crassus. Folia opposita vel subopposita interdum alterna; laminae coriaceae, anguste ovatae raro ellipticae vel oblongo-ellipticae, 8—15 cm longae, 4—6.5 cm latae, apice subito breviter acuminatae, acumine obtuso et mucronato, interdum caudatae, basi saepissime subasymmetricae rotundae vel subcordatae, integrae, saepe subinaequilatae, supra olivaceae nitidae sparsim tomentosae ad costam leviter densiores, subtus fulvae flavo-tomentosae, nervis lateralibus (4—) 5 (—) 6 — jugis cum costa supra subcomplanis subtus prominentibus, rete venularum utrinque conspicuo; petioli 8—12 mm longi, supra anguste canaliculati. Cymae masculae alterne axillares, semel vel bis ramosae; pedunculus 2—8 mm longus; rami 1.5—12 mm longi; bracteolae 0.7—1 mm longae, dense strigosae; pedicelli 0.5—1.5 mm longi interdum subsessiles. Flos masculus flavovirens. Calyx cupulatus, 1.5—2 mm longus, extus dense fulvo-strigosus, intus glaber, 5-lobus, lobis triangularis 0.3—0.7 mm longis. Corolla 7 mm longa, extus dense strigosa, intus supra medium minute tomentosa, lobis 5 anguste ovatis 2 mm longis 1 mm latis apice inflexis. Stamina 5, libera, ad basin tubi corollae inserta, filamentis 4.5 mm longis glabris, antheris anguste subtriangulato-sagittatis 1.5 mm longis dorsifixis. Pistillum sterile conicum, 2 mm longum, dense subfulvo-strigosum. Flos femineus et fructus ignotus.

Guangxi (广西): Napo (那坡), Baihe (百合), Nongmin (弄民), limestone hill, rare, alt. 730m, 1982—06—07, D. Fang, M. X. Lai & S. P. Xu (方鼎、赖茂祥、徐少平) 25310 (fl., holotype, GXMD); ibid., Narsang (那桑), limestone hill, in forests, alt. 1100 m, 1976—03—02, D. Fang & D. Y. Liu (方鼎、刘达雨) 22198 (fr. deciduous, GXMD).

木质藤本, 高约 2 m, 枝、小枝、卷须、叶柄、中脉与侧脉和小脉下面、花序梗和花梗均密被开展而常存的黄褐色绒毛。枝和小枝圆柱形, 散生椭圆形小皮孔; 卷须粗 1.5 mm。叶对生或近对生有时互生; 叶片革质, 狭卵形, 稀椭圆形或长圆状椭圆形, 长 8—15 cm, 宽 4—6.5 cm, 先端骤短尖, 尖头钝而具尖头, 有时尾状, 基部极常稍不对称, 近圆形或浅心形, 全缘, 常稍不等侧, 上面榄绿色, 有光泽, 散生绒毛, 中脉上面稍密, 下面黄褐色; 侧脉 (4~) 5 (~6) 对, 和中脉在上面近扁平, 下面隆起, 网脉两面明显, 下面全部被黄褐色绒毛; 叶柄长 8—12 mm, 上面具狭槽。雄聚伞花序交替腋生, 1 或 2 回分枝; 花序梗长 2—8 mm; 分枝长 1.5—12 mm; 小苞片长 0.7—1 mm, 密被糙伏毛; 花梗长 0.5—1.5 mm, 有时近无梗。雄花黄绿色。花萼杯状, 长 1.5—2 mm, 外面密被黄褐色糙伏毛, 内面无毛, 5 裂, 裂片三角形, 长 0.3—0.7 mm。花冠长 7 mm, 外面密被糙伏毛, 内面中部之上被小绒毛, 裂片 5, 狭卵形, 长 2 mm, 宽 1 mm, 先端内折。雄蕊 5, 分离, 生于冠管基部, 花丝线状, 长 4.5 mm, 无毛, 花药近狭三角状箭头形, 长 1.5 mm, 背着。退化雌蕊圆锥状, 长 2 mm, 密被浅褐色糙伏毛。雌花和果实未见。花期 6 月。

本种极近定心藤 *M. iodiodes* Hand.-Mazz. 和 *M. hookerianus* (Baill.) Sleum., 但枝、小枝、卷须、叶柄、中脉与侧脉和小脉下面、花序梗和花梗均密被开展而常存的黄褐色绒毛, 叶片基部极常稍不对称。

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