

中国柿科植物志资料

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MATERIAE AD FLORAM EBENACEARUM SINENSIIUM

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笔者在编写《中国植物志》柿科过程中，发现了一些未经描述的分类群，现发表如下：

梵净山柿 新种

Diospyros fanjingshanica S. Lee, sp. nov.

Species *D. reticulineri* C. Y. Wu e Provincia Yunnan, valde similis, sed ramulis glabris, foliis basi late cuneatis, nervis lateralibus utrinsecus 9, reticulationibus utrinque prominentibus, baccis majoribus, calycis segmentis 2 cm longis, pedicellis 2 cm longis differt.

Frutex vel arbuscula; ramulis juvenilibus brunneis, leviter gracilibus, glabris vel inferne parse strigulosis. Folia tenuiter coriacea, oblonga, 7—11.7 cm longa, 2.2—4 cm lata, apice acuminata, vel breviter caudato-acuminata, basi late cuneata, supra olivaceo-viridia, subtus pallidiora, utrinque glabra praeter statum juniorem subtus strigosa, costa supra impressa, puberula, nervis lateralibus circ. 9-jugis, subtus prominentibus, superne 3—5 mm ante marginem arcuatim prominenti-confluentibus, reticulationibus utrinque prominentibus; petiolis leviter gracilibus, 8 mm longis, supra puberulis. Pedunculi fructiferi graciles, circ. 2 cm longi, puberuli, in ramulorum junilium parte inferne singulis inserti. Fructus subglobosus, circ. 2 cm in diam., juventute viridis, initio strigosus, maturitate glabrescens, calyce persistente 4-partito, lobis ovalis 1.2 cm longis, 1.1 cm latis, utrinque strigosis, nervis leviter prominentibus. Semina 4, oblonga, circ. 1.4 cm longa, 9 mm lata.

Typus: Y. Tsiang 7672 (JSBI)

Guizhou: Yinjiang, Fanjingshan, alt. 500 m, arbor, Dec. 17, 1930, Y. Tsiang 7672.

本种很似云南东南部的网脉柿 *D. reticulineris* C. Y. Wu, 细密的网脉在两面都明显, 但本种的枝条平滑, 叶基部宽楔形, 侧脉每边 9 条, 宿存花萼裂片长达 2 厘米, 果柄

长2厘米, 果亦稍大。

贵州: 印江, 梵净山, 海拔500米, 山阴密林处, 乔木, 果绿色, 1930年12月17日, 蒋英7672(模式标本)。

贞丰柿 新种

Diospyros zhenfengensis S. Lee, sp. nov.

Species *D. potingensis* Merr. et Chun affinis sed foliis majoribus latioribusque 11—17.6 cm longis, 3.3—5.6 cm latis, nervis lateralibus utrinque 10—12, pedicellis fructiferis 1.6—2.5 cm longis differt.

Arbor circ. 12 m alta, ramulis vetustioribus griseo-nigrescentibus, annulis atro-brunneis, juvenilibus brunneis; gemmis dense flavo-brunneo-hirtellatis. Folia tenuiter coriacea, oblonga, 11—17.6 cm longa, 2.4—4.5 cm lata, apice acuminata, basi vulgo subrotundata, supra atrovirens, subtus pallidiora; costa supra impressa, inferne dense puberula, subtus conspicue elevata, interdum sparse strigosa, nervis lateralibus 10—12-jugis, supra impressis, subtus prominentibus, superioribus curvato-ascendentibus versus marginem anastomosantibus; venulis ultimis irregulariter reticulatis, petiolis circ. 1 cm longis, supra puberulis. Flores ignoti. Pedunculi fructiferi 1.5—2.5 cm longi, fulvide puberuli, in basi ramulorum juvenilium inserti, inferne cicatrice bractee obsiti. Fructus depresso globosus, circ. 1.5 cm in diam., initio dense hirsutus, demum glabrescens; calyce persistente chartaceo, 4-lobato, lobis late ovalis, 1 cm longis 1.1—1.4 cm latis, utrinque paulo adpresse puberulis, reticulationibus leviter prominentibus.

Typus: Y. Tsiang 4323 (PE)

Guizhou: Zhenfen, in fruticetis, arbor, 13 m alta, 12 cm in diam., fructibus viridibus, Oct. 23, 1930, Y. Tsiang 4323 (Isotypus JSBI, SCBI).

本种近似保亭柿 *D. potingensis* Merr. et Chun, 网脉排成细密的网状, 两面都明显, 果柄长1.6—2.5厘米, 叶片较大较宽, 长11—17.6厘米, 宽3.2—5.6厘米, 侧脉每边10—12条。

贵州: 贞丰, 灌木丛中, 乔木, 高13米, 胸径12厘米, 果绿色, 1930年10月23日, 蒋英4323(模式标本)。

龙胜柿 新种

Diospyros longshengensis S. Lee, sp. nov.

Species similis *D. tutcheri* Dunn, a qua bacis majoribus, pedicellis longioribus, 3.3—4.7 cm longis, ramulis juvenilibus glabris, nervis lateralibus utrinque 7—10 differt.

Frutex circ. 2 m altus; cortice griseo-nigrescenti; ramulis brunneis, vel atro-griseo-brunneis, glabris, raro leviter puberulis. Folia tenuiter coriacea oblonga vel elliptica, 8—14 cm longa, 2.4—4.4 cm lata, apice cauda-

to-acuminata, basi late cunneata vel subrotunda, in juvenitate margine interdum sparse strigosa, supra viridia, nitida, tantum ad costam dense puberula, subtus vulgo glabra, tantum ad costam interdum sparse strigosa, costa supra paulo impressa, subtus prominente, nervis lateralibus 6—10-jugis, utrinque paulo elevatis, venulis ultimis gracilibus, reticulatis, petiolis paulo gracilibus, 6—8 mm longis, dense pallide fulvide pubescentibus. Flores ignoti. Fructus solitarius, axillaris, globosus, circ. 3 cm in diam.; calyce persistente circ. 5.3 cm in diam.; 4-partito, lobis ovato-lanceolatis, circ. 2.5 cm longis, inaequalibus, 2 majoribus circ. 1.3 cm latis, 2 minoribus circ. 8 mm latis, apice acutis, extus dense strigosis, basi dense strigillosis, intus glabris, utrinque reticulationibus paulo prominentibus, pedicello gracili, 2.2—4.7 cm longo, apice dense puberulo.

Typus: Z. T. Li et H. F. Tan 70892 (IBG).

Guangxi: Longsheng, frutex, 1.5 m altus, in dense silvis, fructibus viridibus, Jul. 30. 1957, Z. T. Li et H. F. Tan 70892; *ibid.*, Cuijiang, frutex, 3 m altus, fructibus juvenilibus pallide flavis May, 1959, C. T. Li et H. F. Tan 70128; *ibid.*, Aug. 21. 1961, D. C. Jin 431.

本种很近似岭南柿 *D. tutcherii* Dunn, 但嫩枝亦无毛, 侧脉每边 7—10 条, 果较大, 果梗远较长, 长 3.3—4.7 厘米,

广西: 龙胜, 灌木, 高 15 米, 在密林中, 果绿色, 1957 年 7 月 30 日, 李中提及覃浩富 70892 (模式标本); 同地, 粗江, 鸡爪, 灌木, 高 3 米, 嫩果浅黄色, 1959 年 5 月, 李中提、覃浩富 70128; 同地, 1964 年 8 月 21 日, 金代钧 421。

湘桂柿 新种

***Diospyros xiangguiensis* S. Lee., sp. nov.**

Species *D. erianthae* Champ. ex Benth. similis, sed ramulis juvenilibus petiolis inflorescentiis floribus pedicellisque fructiferis fulvo-tomentosis, foliis plerumque ellipticis, fructibus globosis, pedicellis 6 mm longis diversa.

Frutex vel arbuscula usque ad 2—7 m alta; cortice griseo vel griseo-nigro; ramulis juvenilibus fulvo-tomentosis, annotinis glabris, griseo-brunneis vel griseo-nigris, vetustis glabris, griseo-brunneis. Gemma elliptica, dense paulo adpresse fulvo-pubescentis. Folia crasse chartacea, elliptica vel ovato-elliptica, 4—10 cm longa, 1.7—4 cm lata, apice breviter acuminata, basi late cunneata, juvenute utrinque dense adpresse fulvo-pubescentia, aetate supra atro-viridia, glabra, subtus plus minus fulvo-pubescentia, costa media supra paulo impressa, inferne fulvo-pubescenti, subtus elevata, pubescenti densius; nervis lateralibus utrinsecus 3—5, supra saepe obscuris, subtus paulo prominentibus, venulis ultimis irregulariter reticulatis, petiolis circ. 4 mm longis. Inflorescentiae ♂ cymosae, parvae, ex ramulis junioribus

parte infera, 2—4-florae, pedunculo circ. 4 mm longo. Flores masculi 4-meri; calyx 4-partitus, lobis late ovatis, circ. 2 mm longis; corolla campanulata, tubo 5 mm longo, circ. 3 mm lato, lobis 4, late ovatis, circ. 2 mm longis, apice obtusis; stamina 14—16, par paria connexa, interiora minor, flores feminei ex ramulis junioribus parte infera, solitarii, axillares, calyx 4-partitus, lobis late ovatis; corolla subcampanulata, 1 cm longa, circ. 4 mm lata, 4-partita, lobis ovatis; staminodii circ. 10; ovarium subglobosum, stylis inferne connatis; pedicellus 5—6 mm longus. Fructus subglobosus, circ. 1.3 cm in diam. initio dense adpresse pubescens, demum glabratus, apice apiculatus, dense adpresse fulvo-pubescens; calyce fructifero accrescenti, circ. 1.4 cm in diam., extus adpresse pubescenti, lobis late ovatis, apice obtusis; pedicello fructifero 6 mm longo. Semina 4.1 cm longa, 5 mm lata.

Typus: Z. S. Chung 80256 (JRG).

Guangxi: Guilin, arbor, 9 m alta, Jun. 20, 1937, Z. S. Chung 80256 (Isotypus SCBI), 808188, 808189, 808262, 808518 (fr.), 808810 (fr.); *ibid.*, S. F. Teng 31, 101, 10604.

Hunan: I-chang, prope Luyuanbu, S. H. Chen 1293, 1295; I-chang, S. H. Chen 5313.

本种近似乌材 *D. eriantha* Champ. ex Benth., 但嫩枝、叶柄、花序、花和果柄等处被黄棕色绒毛而非粗伏毛，叶片通常椭圆形，果球形，有柄，果柄长约6毫米。

广西: 桂林，乔木，高9米，1937年6月20日。钟济新80256（模式标本），808188，808189，808262，808518（果），808810（果）；同地，邓先福31，101，10604。

湖南: 宜章，栗源堡附近，陈少卿1293、1295；宜章，陈少卿5313。

苗山柿 新种

***Diospyros miaoshanica* S. Lee, sp. nov.**

Similis *D. tutcheri* Dunn, differt ramulis juvenilibus tomentosis, nervis lateralibus utrinsecus 7—8, inflorescentiis femineis cymosis, vulgo 3-floris, pedicellis fructiferis longioribus, 3.2—4 cm longis. Etiam *D. longipedicellatae* Lec. similis quae foliis basi cordatis, nervis lateralibus utrinsecus 11—13, fructibus ovoideis, calycis lobis oblongis, 9—11 mm longis differt.

Crutex vel arbuscula; cortice nigro-brunneo vel flavo-brunneo; ramulis juvenilibus tomentosis griseo-flavis, vetustis griseo-nigris vel flavo-griseis, glabrescentibus. Folia coriacea, oblonga vel elliptica, 7—17 cm longa, 2—5.5 cm lata, apice obtuso-acuminata vel acuta, basi late cuneata usque ad subrotunda, supra olivaceo-viridia, nitida, subtus pallidiora, praeter initio supra ad costam dense puberula et subtus ad costam nerisque laterales

sparse strigosa, cetera glabra, costa supra impressa, subtus prominente, nervis lateralibus 7—8-jugis, supra paulo elevatis, subtus prominentibus, venulis ultimis utrinque prominentibus; petiolo gracili, 8 mm longo, tomentoso, vetusto 1.2 cm longo, glabrescenti. Flores feminei et masculi ignoti. Fructus globosus, initio dense appresse pubescens, maturatus aurantiacus, glabrescens, 2.8—3.5 cm in diam., calyce fructifero 4-partito; lobis ovatis, 1.8 cm longis, 1 cm latis, apice acutis vel obtusis, reticulationibus utrinque paulo prominentibus, extus adpresse pubescentibus, intus sparsius; pedicello gracili 3.2—4 cm longo, initio tomentoso griseo-flavo, demum glabrescenti. Semina elliptico-triquetra, circ. 1.5 cm longa, circ. 1 cm lata, brunnea.

Typus: Y. Z. Liu 10180 (IBG).

Guangxi: Damiaoshan, Yuanboshan, arbor, fructibus flavo-brunneis, Y. Z. Liu 10180; Jiuwanshan, arbor, fructibus juvenilibus dense adpresse pubescentibus, S. H. Chen 14482; *ibid.*, alt. 800 m., frutex, juvenilibus viridibus, S. H. Chen 14806; *ibid.*, Dijia, alt. 900 m., fructibus juvenilibus pallide flavo-viridibus, T. Chen 791; *ibid.*, arbor, 7 m alta, alt. 950—1100 m, fructibus viridibus, pubescentibus, S. H. Chen 14664.

Hunan: Qianyang, Taiping, Z. T. Li 3120.

本种近似岭南柿 *D. tutcherii* Dunn, 但嫩枝有绒毛, 侧脉7—8条, 雌花序聚伞花序式, 常具3花, 果柄远较长, 长达3.2—4厘米。本种亦近似越南岷港附近的 *D. longipedicellata* Lec., 但后者的叶基部为心形, 侧脉每边11—12条, 果为卵形, 宿存萼的裂片为长圆形, 长9—11毫米。

广西: 大苗山元宝山, 山谷阴处, 乔木, 果黄褐色, 刘英才 10180, 九万山, 乔木, 幼果被毛, 陈少卿 14482; 同地, 海拔800米, 灌木, 幼果绿色, 陈少卿 14806; 同地, 地甲, 海拔900米, 灌木, 幼果淡黄绿色, 陈德昭 791; 同地, 乔木, 高7米, 海拔950—1100米, 幼果绿色, 被毛, 陈少卿 14664。

湖南: 黔阳, 太平, 李择棠, 3120。

短柄粉叶柿 新变种

***Diospyros glaucifolia* Metc. var. *brevipes* S. Lee, var. nov.**

A var. *glaucifolia* recedit petiolis manifeste brevioribus, 1.2—1.7 cm longis.

Typus: S. L. Yu 900107 (IBG)

Guangxi: Quanzhou, fl. ♂, Z. S. Chung 82072, Q. K. Tsiang 205; Longsheng, Dadi, Hongyashan, alt. 1360 m, fl. ♂, Guangfu Exp. 612, F. H. Xie 3742; Xingan, Miaorshan, arbor, fructibus rubris, S. L. Yu 900107; Lingui, Xinzhai, alt. 750 m., C. F. Liang 31600; Lingchuan, Qifengshan, alt. 900 m, C. Z. Chen 53737; Yongfu, T. Y. Ching 3204; Tianlin, Laoshan

Forest Station, C. B. Huang 41085.

Guangdong: Linnan, S. L. Zou et B. L. Deng 60354; Dawushan, T. S. Chu 765.

Hunan: Zhijiang, P. C. Tam 6935; Dao Xian, alt. 950 m, P. C. Tam 62847; Dongan, Y. Liu 936; Qianyang, Anjiang Agriculture School 540, Z. T. Li 2314.

本变种与粉叶柿原变种 *D. glaucifolia* Metc. var. *glaucifolia* 的主要区别为叶柄明显较短, 长1.2—1.7厘米。分布于广西北部、湖南南部和广东西北部。

广西: 全州, 雄花, 1937年6月19日, 钟济新82072, 蒋庆坤205; 龙胜, 大地乡, 红崖山, 海拔1360米, 雄花, 1955年7月2日, 广福林区调查队612, 谢福惠3742; 兴安, 苗儿山, 雷公田沿途, 山沟, 无荫, 乔木, 果红色, 余少林900107(模式标本); 临桂, 新寨乡, 海拔750米, 梁畴芬31600; 灵川, 七分山, 海拔900米, 陈照宙53737; 永福, 秦俊用8204; 田林, 老山林场, 黄启斌41085。

广东: 连南, 邹香林、邓柏林60954, 大雾山, 朱志淦765。

湖南: 芷江, 山谷, 路边, 雄花, 1959年5月27日, 谭沛祥60935; 道县, 海拔950米, 谭沛祥62847; 东安, 刘瑛936; 黔阳, 安江农校540, 李择棠2314。