

广西含笑属一新种

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A NEW SPECIES OF *MICHELIA* FROM CHINA

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广西含笑 新种 图 1

Michelia guangxiensis Law et Zhou, sp. nov. Fig. 1

Arbor vel arbuscula 5-10 m alta, trunco 10-20 cm diam., cortice brunneo; gemmae, ramuli juveniores, petioli et pedicelli dense brunneo-tomentosi; ramuli hornotini virides, vetustiores cinereo-brunnei glabri. Folia coriacea oblonga vel obovato-oblonga, 6-15 cm longa, 3-5 cm lata, apice acuta vel breviter acuminate, base cuneata vel late cuneata, supra lucida atro-viridia glabra, subtus pallide viridia pilis brunneis sparse obiecta; costa media supra impressa, nervis lateralibus utrisecus 9-11, venulis dense reticulatis, in sicco utrinque prominulis; petioli circ. 1 cm longi, eicatricati vel cicatricibus 1-3 mm longis. Flores fragrantis; perianthium album carnosulum in 2-verticillum dispositum, tepalis 6 subaequalibus, exterioribus 3, obovatis 3-4 cm longis, 1.3-1.5 cm latis, interioribus 3 anguste obovatis, 3-4 cm longis, 1-1.3 latis; stamina numerosa, circ. 1.2-1.5 cm longa, antheris circ. 1 cm longis; connectivum in appendices breves (0.5 mm longas) obtusas productum; gynoecium ellipsoideo-ovoideum circ. 1 cm longum; gynophorum 4-5 mm longum, dense pubescens; carpodia ovoidea 3 mm longa; stylis circ. 1 mm longis; ovula circ. 4 vel interdum 2-5. Apocarpus 5-10 cm longus, folliculis 10-15, ovoideis, obovoideis vel ellipsoideo-ovoideis, liberis dihiscentibus breviter rostratis.

Species *M. longistaminatae* Law affinis, quae tepalis exterioribus obovatis 6-7 cm longis, 4-5.5 cm latis, staminibus 3-4 cm longis, antheris 2-2.5 cm longis, connectivo in appendices (circ. 3-5 mm longas) acutas producto, apocarpus 8-11 cm longo differt.

Guangxi Longsheng Xian (龙胜县) Mao'er Shan (猫儿山) in sylvis alt. 2142 m.

Zhou Ren-Zhang 124; *ibidem*, Zhou Ren-Zhang 370 (holotypus IBSC).

乔木或小乔木，高5-10 m，胸径10-20 cm；芽、幼枝、叶柄及花梗被褐色绒毛。当年生枝绿色，老枝灰褐色，无毛。叶革质，长圆形或倒卵状长圆形，长6-15 cm，宽3-5 cm，先端急尖或短渐尖，基部楔形或阔楔形，上面亮深绿色，无毛，下面灰绿色，疏生褐色毛；中脉在上面凹陷，侧脉每边9-11条；网脉致密，干时两面凸起；叶柄长约1 cm，无托叶痕或托叶痕长1-3 mm。花芳香；花被白色，肉质，花被片6，2轮，近相似，外轮3片，倒卵形，长3-4 cm，宽1.3-1.5 cm，内轮3片，狭倒卵形，长3-4 cm，宽1-1.3 cm；雄蕊多数，长约1.2-1.5 cm，花药长约1 cm，药隔伸长(0.5 mm)成短钝尖；雌蕊群椭球状卵形，长约1 cm，雌蕊柄长4-5 mm，密被褐色紧贴柔毛；子房卵球形，长3 mm；花柱约1 mm；胚珠4粒，偶见2-5粒。聚合果长5-10 cm；蓇葖10-15，每个呈卵圆形，倒卵球形或椭球状卵形，全裂，顶端具短尖喙。

本种与长蕊含笑(*M. longistamina* Law)近缘，但后者3外轮花被片倒卵圆形，长6-7 cm，宽4-5.5 cm；雄蕊长3-4 cm，花药长2-2.5 cm，药隔伸出3-5 mm长的舌状尖。

广西(Guangxi)，龙胜县(Longsheng Xian)猫儿山(Mao-er Shan)海拔2142 m林中。周仁章124；同地，周仁章370(模式，1998年4月)，模式标本藏于中国科学院华南植物研究所标本室。



图1 广西含笑 *Michelia quangxiensis* Law et Zhou, sp. nov.

1. 果枝 Fruiting branch; 2. 叶柄近轴面示托叶痕 Adaxial view of petiole, showing stipular scar; 3. 花 Flower; 4. 外轮花被片 Outer tepal; 5. 内轮花被片 Inner tepal; 6. 花去花被片示雄蕊群和雌蕊群 Flower without tepals, showing androecium and gynoecium; 7. 雌蕊群 Gynoecium; 8. 雄蕊 Stamen; 9. 雌蕊 Pistil; 10. 种子去肉质种皮示硬种皮(内种皮) Seed with sarcotesta removed, showing sclerotesta (endotesta). (余汉平绘 Drawing by Yu Hanping)