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广西买麻藤属两新种

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TWO NEW SPECIES OF GNETUM L. FROM GUANGXI

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关键词 球子买麻藤; 巨子买麻藤; 新种 **买麻藤属**
Key words *Gnetum catasphaericum*; *Gnetum giganteum*; new species

1. 球子买麻藤 新种 (图1) 妹仔果(广西上思)
***Gnetum catasphaericum* H. Shao, sp. nov.**

Species affinis *G. montano* Markgraf, sed foliis saepe oblongo-ovatis ac parvioribus, in quaque cupula involucrorum strobilorum masculinorum floribus masculinis pluribus, seminibus late ellipsoideis usque subglobosis differt.

Liana lignosa ad 10 m. longa. Folia crassi-coriacea nitida oblongo-ovata usque oblonga 8.5-15 (20) cm. longa 5-8 cm. lata apice breviter acuminata basi late cuneata vel subrotundata, nervis lateralibus gracilis sed conspicuis 7-10-jugis perspicue reticulatis; petiolis gracilibus 5-10 mm. longis. Inflorescentia mascula simplex vel 1-ramifer ad apicem ramulorum juvenum insidens, strobilo spicato masculo c. 2 cm. longo cum 10-14 cupulis involucrorum discoideis et in quaque ea floribus masculis 55-70 femineis sterilibus 7-13 pilis multicellularibus longioribus sed non densis inter flores; feminea matura 1-2-ramifer crassa ramulo veteri insidens, strobilo spicato femineo cum 4-6 cupulis involucrorum, floribus femineis 5-6 in quaque cupula. distantis inter cupulas involucrorum maturorum 6-10 mm. longa. Semina matura xerampelina late ellipsoidea usque ad subglobosa 18-22 mm. longa 14-20 mm. diam. obtusa, stipitibus gracilis conspicuis 2-6 mm. longis.

Guangxi: Shangsi, Red-flag forest farm, seeds, 8. Sept. 1987, H. Shao 87053 (♀ Typus! PEM); ♂, H. Shao 88001; 88006-7; 88003 (♂ PEM); seeds, H. D. Tsang 22548 (IBK).

木质藤本，长10米以下。叶厚革质，有光泽，长方卵形至长圆形，长8.5—15(20)厘米，宽5—8厘米，顶端短渐尖而成钝头，基部宽楔形或近圆形；侧脉细但明显，7—10对，网脉清晰，叶柄较细，长5—10毫米。雄球花序不分枝或仅一次分枝，生于小枝顶端，雄球花穗长约2厘米，具10—14轮环状总苞，环状总苞在开花时向外展开而成盘状，每轮环状总苞内有雄花55—70，上部有不育雌花7—13排成一轮，花间被有较长的但不甚密的毛。成熟雌序1—2次分枝，粗壮，侧生于老枝上，每轮环状总苞内有雌花5—6，环状总苞间距在种子成熟时为6—10毫米。成熟种子红褐色，广椭圆状至近球状，长18—22毫米，径14—20毫米，两端钝圆，种子柄细而明显，长2—6毫米。花期4—5月，种子9—12月成熟。

广西：上思县，十万大山北麓红旗林场，种子，1987年9月8日，邵宏87053(♀ Typus 北京医科大学)；♂，邵宏88001，88006—7，88003(♂ 北京医科大学)；种子，曾怀德22548(广西植物研究所)。

本种近买麻藤 *Gnetum montanum* Markgraf 但叶常长方卵形且较宽小，雄球花穗的每轮环状总苞内有较多的雄花，种子广椭圆状至近球状而得以区别。

2. 巨子买麻藤 新种 (图2)

Gnetum giganteum H. Shao, sp. nov.

Differt a speciebus ceteris sinicis seminum sessilium seminibus majoribus omnino sessilibus late ellipsoideis, etiam distantibus longissimis inter cupulas involucrorum strobilorum femininorum maturorum usque ad 30 mm. longis.

Liana lignosa ad 15 m. longa. Folia oblonga 9—11 cm. longa 5—6 cm. lata, apice apiculata basi rotundata nervis lateralibus gracilibus at obscuris 5—7-jugis; petiolis gracilibus 10—12 mm. longis. Inflorescentia mascula simplex vel 1-ramifer ad apicem ramulorum juvenum insidens, strobilo spicato masculino 5 mm. diam. crasso breve rubescenti cum 10—12 cupulis involucrorum erectis discoideis tempore florifero leviter patentibus, floribus masculis 60—75 et femineis sterilibus 25—26 parvis pluribus in quaque cupula involucrorum, pilis multicellularibus parvulis brevis inter flores; feminea simplex vel 1-ramifer, strobilo spicato femineo leviter rubescenti cum 8—11 cupulis involucrorum et in quaque ea floribus femineis 6—12 (sed tantum 4—6-seminibus), pilis multicellularibus crassis densis inter flores, distantibus longissimis. inter cupulas involucrorum maturorum ad 30 mm. longa. Semina late ellipsoidea 30—32 mm. longa 18—22 mm. diam. obtusa apice mutica sessilia umbilico late orbiculato diam. ad 4—8 mm.

Guangxi: Shangsi, Red-flag tree farm, Sandao river, seeds, 8. Sept. 1987, H. Shao 87058 (♀ Typus! PEM); young seeds, J. J. Wang 5284 (GXMI). Longzhou, ♀, S. Q. Chen 11719 (PE); D. A. Huang 61649 (IBK). Pingxiang, Daqing mountain, ♂, H. Shao 88014 (♂ PEM); ♀, H. Shao 88015—6 (PEM); H. Shao 87038—45; 87047 (PEM).

木质藤本，长15米以下。叶长圆形，长9—11厘米，宽5—6厘米，顶部钝圆或稍有钝尖，基部近圆形，侧脉细而不甚明显，5—7对；叶柄细，长10—12毫米。雄球花序生于小枝顶

端,不分枝或仅一次分枝,雄球花穗粗短,微红色,有环状总苞10—12轮,径粗5毫米,环状总苞盘状直立,开花时稍往外展开,每轮环状总苞内有雄花60—75,不育雌花小而生,达25—26,花间毛被较少而短;雌球花序侧生于老枝上,不分枝或仅一次分枝,雌球花穗亦微显红色,有环状总苞8—11轮,每轮环状总苞内有雌花6—12,花间有粗短而密的节毛;成熟雌穗有强烈伸长的小穗轴,小穗轴粗壮,环状总苞间距最长可达30毫米,每轮环状总苞内仅有4—6雌花发育成种子。种子阔椭圆状,长30—32毫米,径18—22毫米,两端钝圆,顶无尖头,种子完全无柄,种脐宽圆,径达4—6毫米,花期4—6月,种子9—10月成熟。

广西:上思县,十万大山,红旗林场,三道河,种子,1987年9月8日,邵宏87058(♀ 'Typus' 北京医科大学);幼种子,王铜钧5284(广西中医药研究所)。龙州县,♀,陈少卿11719(北京植物研究所);黄德爱61649(广西植物研究所)。凭祥市,大青山伏波,♂,邵宏88014(♂北京医科大学);♀,邵宏88015—6(北京医科大学);邵宏87038—87045,87047(北京医科大学)。

本种不仅具有大而无柄的阔椭圆状种子,而且成熟雌球花穗的环状总苞间距特长(可达30毫米),借此可与国产的其它无柄类相区别。

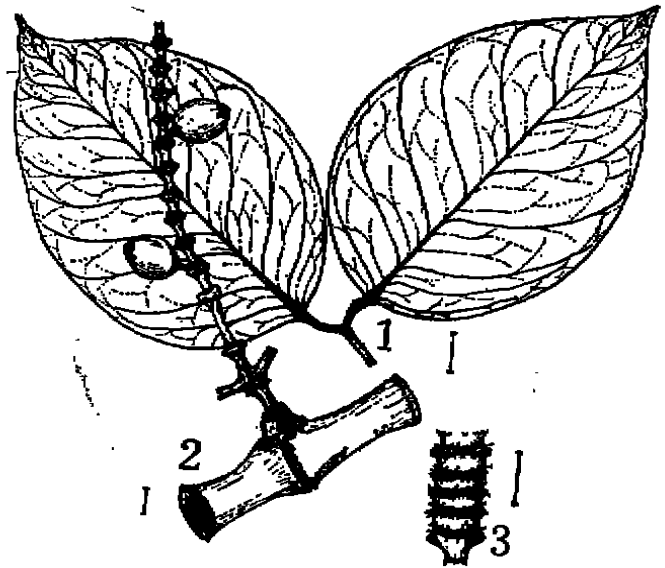


图1 球子买麻藤 *Gnetum catasphaericum* H. Shao
1. 叶; 2. 茎及成熟雌球花序一段, 种子; 3. 雄球花穗一段
(各标尺均示 10mm, 邵宏绘)

Fig. 1 *Gnetum catasphaericum* H. Shao
1. Leaves; 2. Stem and a portion of mature female inflorescence, seeds; 3. A portion of male strobile (scales = 10 mm)

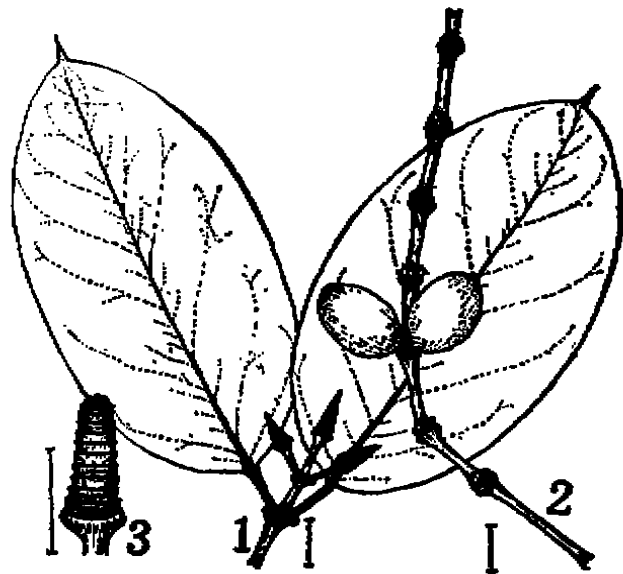


图2 巨子买麻藤 *Gnetum giganteum* H. Shao
1. 叶及雄球花序; 2. 成熟雌球花穗一段, 种子; 3. 雄球花穗
(各标尺均示 10mm, 邵宏绘)

Fig. 2 *Gnetum giganteum* H. Shao
1. Leaves and male inflorescence; 2. A portion of mature female strobile, seeds; 3. male strobile (scales = 10 mm)