

## 红金麻——木槿属一个新杂种\*

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**关键词** 木槿属; 新杂种; 红金麻

**红金麻** 新杂种

**Hibiscus × hongjinma** Y. T. Chang, hybr. nov.

*H. cannabinus* L. ♀ × *H. radiatus* Cav. ♂

*Hybrida hortensis* ( $2n = 30 + 6sat$ ) e *Hibisco cannabino* L. ( $2n = 32 + 4sat$ ) et *H. ranndiato* Cav. ( $2n = 70 + 2sat$ ) exorta, Habitu illo simile, characteribus ad hoc magis accedit; ab illo differt floribus purpureis, folio prope basin 3—5-secto (non ut in illo petalis luteis tantum basi purpureis, folio simplici), ab hoc differt floribus majoribus, bracteolis linearibus, apice tenuibus (in hoc bracteolis apice spatulatis).

Frutex ad 5 m altus, parce ramosus. Rami teretes glabri vel leviter aculeis minimis aspersi. Folia papyracea alterna ambitu suborbiculares 6—10 cm lata et aequilonga vel paulo latiora, basi saepe cordata rarius truncata, prope basin 3—5-secta, secto medio obovato-elliptico ad lineari-oblongato 5—8 cm longo, 1—2.5 cm lato, apice acuto ad acuminato, margine serrato, sectis lateralibus oblique brevioribus, marginalibus multo minoribus, e basi 5-nervia (nervulo 2 submarginali tenui neglecto), supra glabra, subtus ad nervos laxo pilosa vel subglabra, petiolus inaequilongus 3—10 cm longus, superus brevior, aculeatus. Flos axillaris solitarius vel flores 2—3 in cymas congesti, pedicellis 4—12 mm longis, crassis, aculeatis, minute pilosulis, bracteolae (8—) 10, lineares, 1—1.4 cm longae, 1—2 mm latae, margine parce hirsutae, calyx campanulatus (8—) 10 costatus, extus parce hirsutus necnon pilosulus, intus lanatus, tubo circ. 5 mm longo, ore vix 5 mm diam. lobis 5, linearibus, circ. 1 cm longis, 1—1.5 mm latis, corollae campanulatae roseopurpureae, sub anthesi circ. 7 cm diam. petalis 5, contortis, obovato-ellipticis, 4—5 cm longis, 2.5—3 cm latis, apice rotundatis glabris; stamina numerosa in tubum connata, tubo circ. 1.3 cm longo, purpureo, antheris aureis, ovarium subglobosum dense luteolum hispidum, 5-loculare, stylis elongatis superne 5-fidis filiformi-

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bus, stigmatibus capitatis purpureis, hirsutis. Capsula conico-ovata, dense luteola hispida circ. 2.5 cm longa, 2 cm diam. 5-valvis rostratis ab apice ad basin dehiscens, seminibus reniformibus luteis, glabris.

**Fujian:** Zhangzhou, cult. in Sugarcane Research Institute of Fujian Academy Agricultural Sciences, 1 XII 1987, Chen Fushou & Li Meizhen 87—369 (Typus FJSI), eodem loco, Chen Fushou & Li Meizhen 87—377.

红金麻 ( $2n = 30 + 6sat$ ) 由红麻 (*Hibiscus cannabinus* L. ♀  $2n = 32 + 4sat$ ) 与金线吊芙蓉 (*H. radiatus* Cav. ♂  $2n = 70 + 2sat$ ) 杂交培育而成, 体态与红麻相近, 而其它特征更接近于金线吊芙蓉, 与红麻的区别在于花紫色, 叶5深裂至近基部 (不像红麻花黄色, 仅花瓣基部紫色, 叶不分裂), 与金线吊芙蓉的区别是花较大, 小苞片线形, 顶端细 (不像金线吊芙蓉小苞片顶端匙形)。

灌木, 高可达5米, 少分枝。枝条圆柱状, 无毛或散生细小皮刺。叶纸质, 互生, 轮廓近圆形, 宽6—10厘米, 长宽相等或宽稍过于长, 基部通常心形, 稀截形, 3—5深裂至近基部, 中裂片倒卵状椭圆形至线状倒披针形, 长5—8厘米, 宽1—2.5厘米, 顶端短尖至渐尖, 边缘具锯齿, 侧裂片偏斜, 较小, 边缘裂片更小, 具5条基生脉 (2条纤细边缘脉不计), 上面无毛, 下面于脉上疏生柔毛或近无毛; 叶柄不等长, 长3—10厘米, 较上面者较短, 具皮刺。花腋生, 单朵或2—3朵聚伞状, 花梗长4—12毫米, 粗, 具皮刺, 被微柔毛, 小苞片 (8—) 10枚, 线形, 长1—1.4厘米, 宽1—2毫米, 边缘具疏硬毛, 萼钟形, 具 (8—) 10棱, 外面被疏硬毛及柔毛, 内面被棉毛, 萼管长约5毫米, 喉部径约5毫米, 裂片5, 线形, 长约1厘米, 宽1—1.5毫米; 花冠钟形, 玫瑰紫色, 开花时径约7厘米, 花瓣5, 旋转状排列, 倒卵状椭圆形, 长4—5厘米, 宽2.5—3厘米, 顶端圆形, 无毛; 雄蕊多数, 花丝合生成长约1.3厘米的管, 花药黄色; 子房近球状, 密被黄色硬毛, 5室, 花柱伸长, 上部5裂成丝状, 柱头头状, 紫色, 被毛。蒴果圆锥状卵形, 密被黄色硬毛, 长约2.5厘米, 径约2厘米, 从顶端向基部5瓣开裂; 种子肾形, 黄色, 无毛。

**福建:** 漳州, 栽培在甘蔗研究所, 1987年12月1日陈福寿、李美珍 87—369 (模式标本存福建省亚热带植物研究所标本室); 同地, 陈福寿、李美珍 87—377

## HONGJINMA——A NEW HYBRID OF HIBISCUS FROM FUJIAN

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**Abstract** The new hybrid is named for 'HONGJINMA'. The above description is based on a type-specimen, collected by Chen Fushou and Li Meizhen at Zhangzhou on 1 XII 1987. This hybrid is raised at Zhangzhou (Sugarcane Research Institute of Fujian Academy Agricultural Sciences) from a cross made in 1980; the fem. parent was *Hibiscus cannabinus* L. and the masc. parent was *H. radiatus* Cav.

**Key words** *Hibiscus*; new hybrid; *H. × hongjinma* Y. T. Chang