

云南屏边竹属一新种及其它

易同培^{1,2}, 史军义¹, 马丽莎², 王海涛¹, 杨林²

(1 中国林科院西南花卉研究开发中心, 云南 昆明 650224 2 四川农业大学都江堰分校, 四川 都江堰 611830)

摘要: 本文发表了屏边竹属 1 新种。它产于中国云南省南部。还报道了竹亚科的一些新组合和方竹属的新分布。

关键词: 屏边竹; 新种; 新组合; 新记录; 中国

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A New Species of Schizostachyum Nees and Others in China

Yi Tong-pai^{1,2} Shi Jun-yi¹ Ma Li-sha² Wang Hai-tao¹ Yang Lin²

(1 Southwest Flower Research Center, Chinese Academy of Forestry, Kunming 650224, Yunnan, China)

2 Dujiangyan Campus, Sichuan Agricultural University, Dujiangyan 611830, Sichuan, China)

Abstract Schizostachyum pingbianense Hsueh et Y. M. Yang new species of the Bambusoideae from South Yunnan, China is described and illustrated. This paper recorded some new combination and new distribution of Chimonobambusa Makino in China yet.

Key words Schizostachyum pingbianense Hsueh et Y. M. Yang New species New combination New distribution China

1 新种

屏边竹 小薄竹 (云南屏边、金平、元阳)

新种 (见彩图) **Schizostachyum pingbianense**

Hsueh et Y. M. Yang sp. nov. Plate 3

Schizostachyum pingbianense Hsueh et Y. M. Yang in A Compendium of Honghe Bamboo Species in Yunnan 22, 2004, nom. nud.; Hui Chaomao et al. in Journ. Bamb. Res. 25(2): 49, 2006, nom. nud.

Species Schizostachyum hainanense Merr. ex McClure proxima sed culmi in juventute tantum infra nodos annulato-farinosi; duobus humeris vaginam culmi subaltis basibus ad unilatam externam marginis breviter triangulatis setis oralibus nullis; vaginis foliorum glabris; ligulis 1~1.5 mm altis; fimbriis nullis; laminis latoribus usque ad 5 cm latis; glabris; paleis apice aristatis dif-fert.

Culmi caespitiosi 5~7 longi 1~2(3) cm diametro apice longe penduli vel decumbentes 25~30-nodi internodiis cylindricis (10) 25~35(60) cm longis; juventute adpresso-brunneo-purpureo-hirsutis infra nodos annulato-farinosi; ligula 1~2 mm crassa; nodi vaginarum purpureo-brunnei prominentes; nodi culmi plani vel leviter prominentes; internodiis 2~3 mm altis; vividis; Gemmae lato-ovatae adpressa; supra marginem cinereo-albo-ciliatae. Ramuli multi in quoque nodo ascendentes. Turiones viridi-purpurei vel purpurei. Vaginae culmorum longitudine 4/5~1/2 internodii partes aequantia; tarde deciduae; duobus humeris apice inaequalibus; basibus ad unilatam externam marginis breviter triangulatis; dorso cinereo-hispidae (supra densissimae), nervillis prominentibus longitudinalibus; supra ciliatae; auriculae et setae orales nullae; ligulae concavae; chloroticae; 0.5~1 mm altae; breviter ciliatae; laminae internodio sesqui-

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作者简介: 易同培 (1933), 男, 教授, 主要从事竹子分类研究。

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longiorae 3~5 mm latae, reflexae, lineari-lanceolatae, interius alutaceo-vel cinereo-hirsutae (basidensissimae), margine serrulatae. Folia (4) 5~7 in quoque ramulis, vaginae 7~10 cm longae, duohumeris altis, costis conspicue porcate periminentibus, glabrae, haud ciliatae, auriculae et setae orales nullae, ligulae chloroticae curvatae glabrae 1~1.5 mm altae, petioli 3~5 mm longi, pupurei, laminae oblongo-lanceolatae 14~25 cm longae, (2.2) 3~5 cm latae, basiscuneatae, glabrae, subtus cinereo-virides, nervis secundariis 6~9-jugis, nervillis transverses inconspicuis, margine serrulatae.

Inflorescentia terminalis, aphylla, spiciformis erecta 4.5~12 cm longa, spatha 1 in quoque nodum ramulus secundus 1.5~3.5 cm longus. Bractae 3~4 ovatae vel ovato-lanceolatae glabrae, 8~9 mm longae. Pseudospiculae 1~1.5 cm longae, flosculis 1~2 prophyllis lanceolatis 1~2 mm longis, glumis 3 ovato-lanceolatis vel ovatis 5~10 mm longis, 7~9 (11)-nervis, lemmatibus ovato-lanceolatis vel ovatis 8~10 mm longis, 7~11-nervis, paleis ovatis 10~12 mm longis, apice aristatis, acarinis vel bicarinis inconspicuis, glabris, lodiculis 3 persistentibus ovatis 1~2 mm longis, staminibus 6, antheris luteolis, c. 5 mm longis, ovaris ellipticis, stylis 1, stigmatibus 3, plumosis. Caryopsidibus oblongis 8~9 mm longis, c. 4 mm diam., luteo-b-brunneis nitidis, stylis persistentibus, pericarpio c. 0.5 mm crasso, osseo.

China Yunnan(云南): Pingbian(屏边), Dawei Mountain(大围山), alt. 1950 m, under forest 1999-05. Sun Maosheng(孙茂盛) 99001 (holotype, SWFC; isotype, SAUD=SIFS); same locality, 2005-11-13. Yi Tongpei(易同培) 05107.

秆丛生, 长 5 m~7 m, 直径 1 cm~2(3) cm, 梢端长下垂, 或攀缘状, 全秆具 25~30 节; 节间圆筒形, 长 (10) 25 cm~35(60) cm, 幼时贴生棕紫色小硬毛, 节下具一圈白粉, 秆壁厚 1 mm~2 mm; 箨环紫褐色, 突起, 无毛; 秆环平, 或在分枝节上稍鼓起; 节内高 2 mm~3 mm, 光亮。秆芽阔卵形, 贴秆, 边缘上部有时具灰白色纤毛。秆每节分枝多数枚, 斜展, 长 25 cm~50 cm, 粗 (1) 1.5 mm~2(2.5) mm。笋绿紫色或紫色。箨鞘迟落, 长为节间长度的 4/5~1/3, 先端两肩高起, 不对称, 外缘基部短三角状下延, 背面被灰色小刺毛(向上部最密), 纵肋显著隆

起, 边缘上部具纤毛; 箨耳及鞘口繸毛缺失; 箨舌凹形, 高 0.5 mm~1 mm, 边缘初时具灰色短纤毛; 箨片外翻, 线状披针形, 长度可超过箨鞘的一半, 宽 3 mm~5 mm, 内面被灰黄色或灰色小硬毛, 基部毛尤密, 边缘具小锯齿。小枝具叶 (4) 5~7 枚; 叶鞘长 7 cm~10 cm, 两肩稍高起, 无毛, 边缘无纤毛; 叶耳及鞘口两肩繸毛缺失; 叶舌淡绿色, 弧形, 高 1 mm~1.5 mm; 叶柄长 3 mm~5 mm, 常为紫色; 叶片长圆状披针形, 长 14 cm~25 cm, 宽 (2.2) 3 cm~5 cm, 先端渐尖, 基部阔楔形, 无毛, 下面灰绿色, 次脉 6~9 对, 小横脉不清晰, 边缘具小锯齿。笋期 1 月~12 月。

花枝通常生于具叶小枝顶端, 穗状, 长 4.5 cm~12 cm, 每节上具 1 枚佛焰苞状苞片; 次级分枝长 1.5 cm~3.5 cm。苞片 3~4 枚, 卵形或卵状披针形, 长 8 mm~9 mm, 无毛。假小穗生于花枝各节, 长 1 cm~1.5 cm; 小穗含 1~2 朵小花; 先出叶披针形, 无毛, 长 1 mm~2 mm; 颖 3 枚, 卵状披针形或卵形, 长 5 mm~10 mm, 具 7~9(11) 脉; 外稃卵状披针形或卵形, 长 8 mm~10 mm, 具 7~11 脉; 内稃卵状披针形, 长 10 mm~12 mm, 先端芒尖, 无毛, 背部无脊或有时具不明显 2 脊; 鳞被 3 膜质, 卵形, 宿存, 长 1 mm~2 mm; 雄蕊 6, 花药黄色, 长约 5 mm; 子房椭圆形, 无毛, 花柱 1, 细长, 柱头 3 羽毛状。颖果具宿存稃片, 长圆形, 长 8 mm~9 mm, 直径约 4 mm, 淡黄褐色, 光亮, 无毛, 无腹沟, 先端具宿存花柱, 果皮骨质, 厚约 0.5 mm, 胚乳白色。果期 5 月。

本种与山骨罗竹 *S. hainanense* Merr. ex McClure 不同之处在于幼秆仅节下方具一圈白粉; 箨鞘顶端两肩稍高起, 外缘基部短三角状外延, 鞘口繸毛缺失; 叶鞘无毛, 叶舌高 1 mm~1.5 mm, 无流苏状繸毛, 叶片较宽, 宽达 5 cm, 无毛; 内稃先端芒状。

笋肉脆嫩, 味甘化渣, 系食用佳品菜肴。一年四季均能出笋的竹种极少, 而月月发笋且能食用竹笋的竹种更是凤毛麟角, 所以本种是值得着力推广栽培的优良笋用竹种。

2 新组合

Fargesia longiuscula (Hsueh et Y. Y. Dai) Yi trans. nov. — *Sinarundinaria longiuscula* Hsueh et Y. Y. Dai in Journ. Bamb. Res. 6(2): 19, f. 5, 1987. 长节箭竹

Lingnania papillatoides (O. H. Dai et D. Y.

Huang) Yi trans nov. — *Bambusa papillatoides*
Q. H. Dai et D. Y. Huang in Acta Phytotax Sin 36
(3): 279 f 1. 1998 细单竹

Melocalamus yunnanensis (Wen) Yi trans
nov. — *Racemobambos yunnanensis* Wen in Journ
Bamb Res 5(2): 11 f 1. 1986 高肩梨藤竹

根据在云南金平县各地实际调查、采访和标本
采集(易同培 05098, 05101), 认为原作 *R. yun-*
nanensis Wen的模式标本(周文伟 ZP. 83311)不完
整, 即箨鞘顶端两肩显著高起的膜质部分已破碎, 因
而未引起新种命名人的重视, 从而对于高达 6 cm、
先端常靠拢的肩部重要特征并未进行描述。从本种
叶鞘口两肩缝毛发达, 生于低海拔(常见于海拔 300
m ~ 600 m)的河岸陡峭石壁上等特征特性, 我们将
本种组合到梨藤竹属中, 名为高肩梨藤竹(当地名:
吊竹、格——哈尼语)。

Phyllostachys heterocyclus (Carr) Miford f
pachyloen (G. Y. Yang et al.) Yi grad nov. —
Phyllostachys heterocyclus (Carr) Miford cv. *Pachy-*
loen G. Y. Yang et al. in Acta Agri Univ. Jiangxi
19(4): 97. 1997. 厚壁毛竹

Pseudosasa yangshanensis (W. T. Lin) Yi
trans nov. — *Anundinaria yangshanensis* W. T. Lin
in Journ Bamb Res 16(3): 26 f 3. 1997. 阳山
茶秆竹

Yushania donganensis (B. M. Yang) Yi
trans nov. — *Fargesia donganensis* B. M. Yang in
Acta Sci Nat Univ Nom. Hunan 13(4) (Suppl):

3 f 4. 1990 东安玉山竹

3 新分布

寒竹 刺竹 (云南保山)

Chamobambusa mamorea (Miford)
Makino in Bot Mag Tokyo 28: 154. 1914. Fl
Reip Pop Sin 9(1): 328 pl 90. 10 ~ 16. 1996
— *Anundinaria mamorea* (Miford) Makino in l c
14: 63. 1900

China Yunnan (云南): Baoshan (保山),
baihualing Forestry Centre (白花岭林场), alt 1800
m, 1983 - 08 - 10 Yi Tongpei (易同培) 83132
(SAUD = SIFS). 浙江、福建、四川有分布, 云南为首
次记录。日本也有分布。

八月竹

Chamobambusa szechuanensis (Rendle)
Keng f in Techn. Bull Natl For Res Bur China
No 8: 115. 1948. Fl Reip Pop Sin 9(1): 337.
pl 92. 1 ~ 3. 1996 — *Anundinaria szechuanensis*
Rendle in Sargent Pl Wils 2: 64. 1914 — *Ore-*
ocalamus szechuanensis (Rendle) Keng in Sunyatsenia 4
(3 ~ 4): 147. 1940

China Yunnan (云南): longchuan (陇川),
Husa county (户撒乡), Baoping village (保平村),
mountain area alt 1450 m, 2005 - 11 - 02 Yi
Tongpei (易同培) 05091 (SAUD = SIFS). 四川有分
布, 云南为首次记录。

A New Species of the *Schizostachyum* Nees

云南箴箬竹属一新种

——屏边箴箬竹



图1 笋及幼秆 bamboo shoot and yang culm



图2 秆及分枝 culms with branche

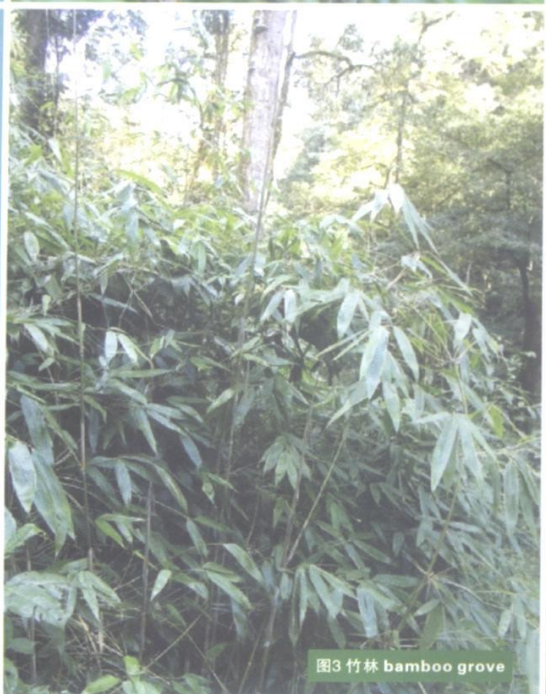


图3 竹林 bamboo grove

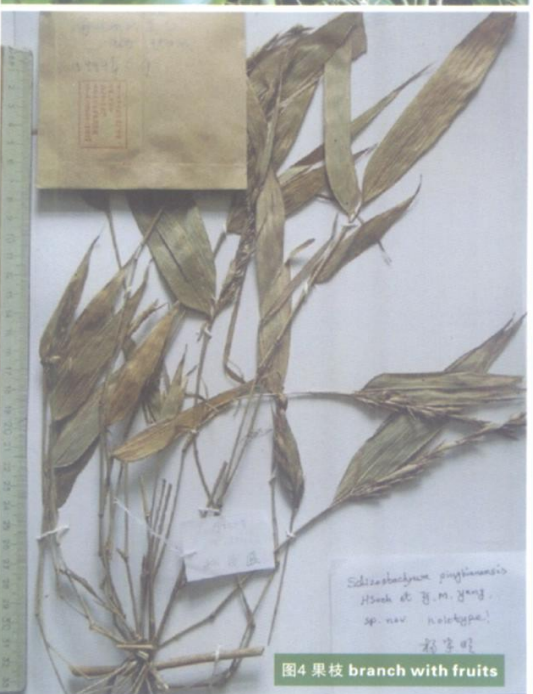


图4 果枝 branch with fruits

撰文：易同培、史军义、马丽莎、王海涛、杨林