

两广竹亚科新分类群

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摘要 本文主要报道 6 种竹类新植物和 2 个新组合, 均分布于两广地区。

关键词 梨藤竹属; 箭竹属; 甜竹属; 箭竹属; 刚竹属; 酸竹属; 苦竹属; 新分类群

纤细梨藤竹 新种 图 1

Melocalamus gracilis W. T. Lin, sp. nov.

Species affinis *M. fimbriato* Hsueh et Hui, sed internodiis culmorum brevioribus, 12~24 cm longis omnino solidis vel subsolidis, infra et intra nodos culmorum glabris, vaginis culmorum dorso albo-hispidulis et fusco-maculatis, laminis foliorum venulis transversis manifestis instructis differt.

Culmi caespitosi oblique ascendentes, 2~3 m alti, 5~8 mm diam.; internodiis teretibus 12~24 cm longis omnino solidis vel subsolidis, supra ramos leviter planis, initio hispidulis, postea glabris; nodis prominentibus, in culmis inferne plerumque geniculatis vel curvatis; cicatricibus vaginarum prominentibus hispidulis et vestigialibus vaginarum. Vaginae culmorum deciduae coriaceae, dorso albo-hispidulae et fusco-maculatae, margine glabrae, ceterae partes in specimine destructae. Rami faaciculati semipatentes; primariis 1 diametro culmorum subaequilcrassis plerumque ramulosis, ceteris numerosis gracilibus non ramulosis. Vaginae ramorum tarde deciduae, apice concavae, duo humerae prominentes;

auriculis et setis oralibus nullis; ligulis convexis 1.5~2 mm longis; laminis lanceolatis facile cadueis. Folia in quoque ramulo 4; vaginis foliorum glabris; auriculis et setis oralibus nullis; ligulis 1 mm longis, apice convexis; laminis 4.7~14 cm longis, 8~20 mm latis, subtus sparse pubescentibus; nervis secundariis utrinque 5, venulis transversis remotis.

Guangxi: Ningming, Longrui, 1 XI 1985, Feipeng Chen 4726 (Type, CANT), distributed in the region of lime-stone.

本种近似流苏梨藤竹 *M. fimbriatus* Hsueh et Hui, 区别在杆的节间较短, 长 12~24 cm, 全部实心或近实心, 节下和节内均无毛, 杆箨背面有白色小粗毛和褐色斑点, 叶片具有明

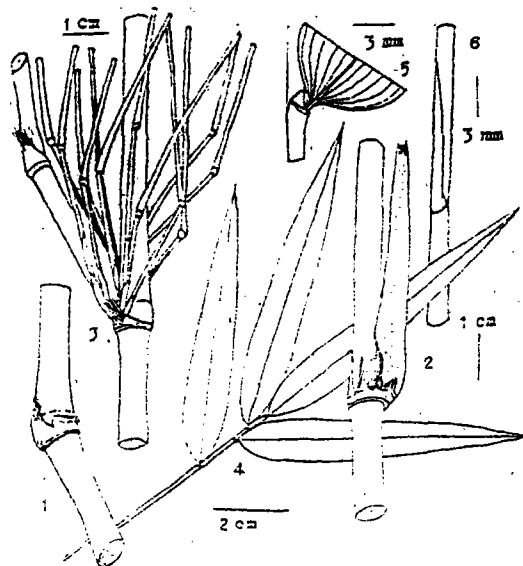


图 1 纤细梨藤竹 *Melocalamus gracilis* W. T. Lin, sp. nov.

1. 秆下部的节; 2. 秆的一部分及其上的杆箨; 3. 秆及其分枝; 4. 小枝上的叶; 5. 叶的一部分; 6. 枝条上的箨。

显的小横脉。

广西: 宁明, 陇瑞, 陈飞鹏 4726 (模式, CANT), 生于石灰岩地区。

掩耳黄竹 新种 图 2

Bambusa semitecta W. T. Lin et Z. M. Wu, sp. nov.

Species affinis *B. amplexicauli* W. T. Lin et Z. M.

Wu, sed vaginis culmi dorso fusco-pilosis, margine glabris, auriculis vaginarum culmi saepe basi laminarum vaginarum semitectis, ramis saepe e septimo nodo ad octavum nodum culmorum initio orientibus, laminis foliorum basi inaequalibus, nervis secundariis utrinque 6~10 differt.

Culmi 2~3 m alti, 1~1.5 cm diam.; internodiis 20~30 cm longis teretibus glabris; nodis paulo elevatis; ramis fasciculatis saepe e septimo nodo ad octavum nodum culmorum initio orientibus. Vaginae culmorum deciduae, apice convexae, margine glabrae, dorso plus minusve fusco-pilosis; auriculis oblongis subaequimagnis saepe basi laminarum vaginarum semitectis, margine setis crispis; ligulis in medio 1.5 mm longis, margine denticulatis et ciliolatis; laminis erectis ovato-lanceolatis, basi in rotundas formas conspicue contractis, etiam earum latitudine circa $\frac{3}{4}$ apicis vaginae partes aequantibus. Folia in quoque ramo 4~8, vaginis fo-

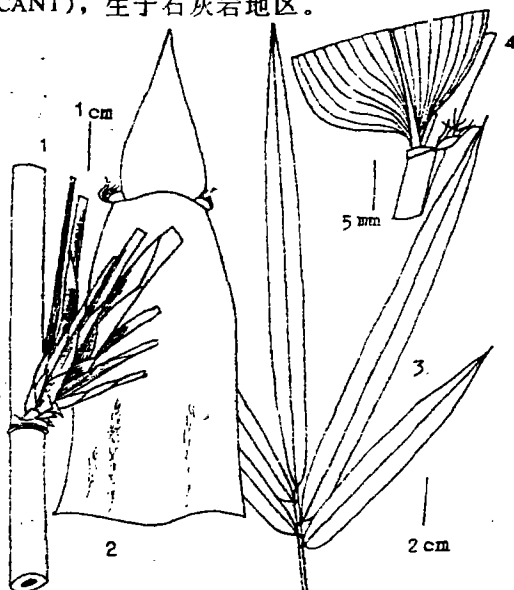


图 2 掩耳黄竹 *Bambusa semitecta* W. T. Lin et Z. M. Wu, sp. nov.

1. 秆的一部分; 2. 秆箨; 3. 小枝上的叶; 4. 叶的一部分。

liorum glabris; auriculis oblongis; setis oralibus paucis; ligulis 0.5~1 mm longis; laminis 5.5~21 cm longis, 8~22 mm latis, basi saepe inaequalibus, supra glabris, subtus pubescentibus; nervis secundariis utrinque 6~10.

Guangdong: Guangning, Qinggui, 27 XI 1992, Zhimin Wu 86105 (Type, CANT).

本种近似抱秆黄竹 *B. amplexicaulis* W. T. Lin et Z. M. Wu, 区别在秆箨鞘背面有褐色柔毛, 边缘无毛, 箨耳常被箨叶基部半掩盖, 枝条常自秆的第7节至第8节开始发出, 叶片基部常不等称, 每侧有次脉 6~10。

广东: 广宁, 清桂, 吴志敏 86105 (模式, CANT)。

孖竹 新组合

Sinocalamus recto-cuneatus (W. T. Lin) W. T. Lin, comb. nov. - *Neosinocalamus recto-cuneatus* W. T. Lin, Act. Phytotax. Sin. 26 (3): 227-228. 1988.

本种秆壁比较厚, 叶片有明显的小横脉, 竹笋可食等特点, 应该是甜竹属 *Sinocalamus*, 而不是慈竹属 *Neosinocalamus* 故作新组合。

花头黄 新组合

Sinocalamus oldhamii Munro f. *revolutus* (W. T. Lin et J. Y. Lin) W. T. Lin, comb. nov. - *Bambusa oldhamii* Munro f. *revoluta* W. T. Lin et J. Y. Lin, Act. Phytotax. Sin. 26 (3): 224-225. 1988.

本变型的小穗于花后整个脱落而不是逐节断落, 竹笋可食, 应属甜竹属 *Sinocalamus*, 决不是箬竹属 *Bambusa*, 故作新组合。

广东箭竹 新种 图 3

Sinarundinaria papillosa W. T. Lin, sp. nov.

species affinis *S. basihirsutae* (McClure) C. D. Chu et C. S. Chao, sed cicatricibus vaginarum glabris, vaginis culmi dorso tuberculato-hispidis et papillois, auriculis vaginarum oblongis, setis oralibus suberectis, vaginis foliorum glabris, laminis foliorum subtus omnibus glabris, nervis secundariis utrinque 6~7 differt.

Rhizomata sympodialia, collum culmi in rhizomam formam elongatum. Culmi 80~100 cm alti, 4~7 mm diam.; internodiis teretibus 8~14 cm longis glabris, supra ramos planis; infra nodos albo-farinaceis; nodos paullo prominentibus. Vaginae culmi deciduae, apice convexae, utrinque margine ciliatae, dorso tuberculato-hispidae et papilloae; auriculis oblongis, setis oralibus suberectis, ligulis 1 mm longis; laminis erectis vel patentibus anguste lanceolatis. Rami 3 in quoque nodo. Folia in quoque ramo 4; vaginis foliorum dorso glabris, margine glabris; auriculis oblongis; setis oralibus suberectis; ligulis 1 mm longis truncatis; laminis 4.5~10.5 cm longis, 1~2 cm latis; utrinque glabris, nervis secundariis utrinque 6~7, venulis conspicue tessellatis.

Guangdong: Ruyuen, Wuzhishan, 24 XI 1992, Mianyun Xiao 87143 (Type, CANT).

本种近似南岭箭竹 *S. basihirsuta* (McClure) C. D. Chu et C. S. Chao, 其所不同是箨环无毛。秆箨鞘背面有瘤状粗毛和多数乳突, 箨耳长圆形, 鞘口缝毛近直立, 叶鞘无毛, 叶片背面整个无毛, 次脉每边 6~7。

广东: 乳源, 五指山, 肖绵韵 87143 (模式, CANT)。生于海拔 1805 m 的山上。

广州刚竹 新种 图 4

Phyllostachys cantoniensis W. T. Lin, sp. nov.

Species affinis *P. nidulariae* Munro, sed internodiis culmi manifeste purpureo-maculatis, vaginis culmorum dorso non luteolo-striatis, laminis vaginarum culmi lanceolatis, basi secus latera duo in duas auriculas inconspicuas excurrentibus, foliis in quoque ramulo 2, raro 3 differt.

Culmi 1 m alti, 3~5 mm diam.; internodiis 9~15 cm longis, albo-pubescentibus et manifeste purpureo-maculatis, supra ramos omnino sulcatis; nodis leviter prominentibus vel prominentibus; cicatricibus vaginarum hispidis; infra et intra nodos albo-farinaceis. Vaginae culmi deciduae, dorso albo-pubescentibus, non luteolo-striatis, basi dense hispidis, utrinque margine dense ciliatis; ligulis 1 mm longis, apice convexis, margine albo-puberulis; laminis lanceolatis, basi secus latera duo in duas auriculas inconspicuas excurrentibus, etiam earum latitudine circa apicis vaginae partes aequantibus, erectis vel reflexis, setis oralibus non evolutis. Rami 2 in quoque nodo inaequales. Folia 2 in quoque ramulo, raro 3; vaginis foliorum dorso albo-pubescentibus, utrinque margine glabris, auriculis angustis, dorso albo-hispidulis; setis oralibus paucis brevibus; ligulis brevissimis truncatis; laminis 4~10 cm longis, 7~14 mm latis; utrinque albo-pubescentibus, nervis secundariis utrinque 5.

Guangdong, Guangzhou, Huangpodong, 9 V 1964, Shuhui Tan 42105 (Type, CANT).

本种近似花竹 *P. nidularis* Munro, 区别在秆的节间有明显紫色的斑点, 箨鞘背面无淡黄色的纵条纹, 箨叶披针形, 基部外延, 形成 2 个不显著的箨耳, 叶在每一小枝上有 2 枚, 稀

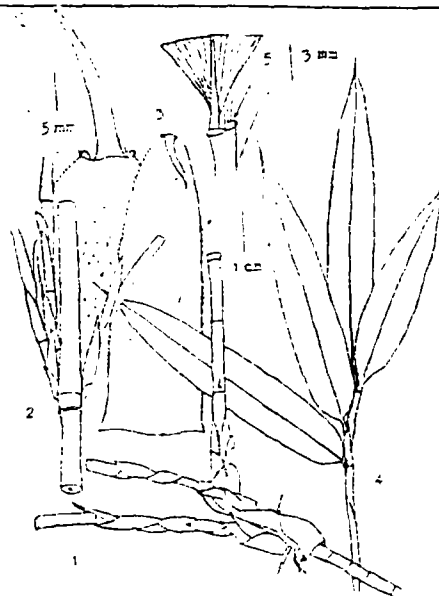


图 3 广东箭竹 *Sinarundinaria papillosa* W. T. Lin, sp. nov. 1. 秆与秆柄(假鞭); 2. 秆的一部分; 3. 秆箨; 4. 叶; 5. 叶的一部分放大。

3枚。

广东: 广州, 黄婆洞, 谭树辉 42105 (模式, CANT)。分布于山脚地方。

二叶酸竹 新种 图5

Acidosasa bilamina W. T. Lin et Z. M. Wu, sp.

nov.

Species affinis *A. maculae* W. T. Lin et Z. M. Wu, sed auriculis vaginarum culmi et setis oralibus omnino evolutis, ligulis brevioribus 1 mm longis, foliis in quoque ramulo omnino 2 differt.

Rhizoma leptomorpha. Culmi 2~3 m alti, 1~1.5 cm diam.; internodiis teretibus 10~24 cm longis hispidulis, supra ramos planis; nodis modice prominentibus; cicatricibus vaginarum paullo prominentibus. Vaginae culmorum deciduae, apice leviter convexae, utrinque margine glabrae; dorso sparse hispidulae et maculae purpureo-fuscae inaequales instructae; ligulis 1 mm longis; laminis minoribus anguste lanceolatis erectis, basi secus latera duo in duas auriculas inaequimagnas excurrentibus; setis oralibus paucis scabrosis. Rami medio culmi in quoque nodo 3 semipatentes, inferne 1. Folia in quoque ramulo omnino 2; vaginis foliorum glabris; ligulis 1 mm longis; auriculis et setis oralibus nullis; laminis 5~13 cm longis, 6~20 mm latis, supra glabrescentibus, subius albo-pubescentibus; nervis secundariis utrinque 5~6, venulis transversis manifestis.

Guangdong: Guangning, Qinggui, Xiaojingkeng, 27 XI 1992 Zhimin Wu 86103 (Type, CANT).

本种近似斑箨酸竹 *A. macula* W. T. Lin et Z. M. Wu, 区别在箨耳和鞘口缝毛均发育, 箨舌较短, 长 1 mm, 叶在小枝上完全是 2 枚。

广东: 广宁, 清桂, 小金坑, 吴志敏 86103 (模式, CANT), 生于海拔 450m 的山上。

碟环苦竹 新种 图6

Pleioblastus patellaris W. T. Lin et Z. M. Wu, sp.

nov.

Species affinis *P. gramineo* (Bean) Nakai, sed nodis culmorum valde inflatis, infra nodos dense albo-pubescentibus, cicatricibus vaginarum in patellares prominentibus, vaginis culmi apice truncatis, ligulis vaginarum margine fimbriatis, laminis foliorum majoribus 17~35 cm longis, 3~6 cm latis differt.

Rhizoma leptomorpha. Culmi 1.5~2 m alti, 6~10 mm diam.; internodiis teretibus 13~30 cm longis pubescentibus; nodis valde inflatis, infra nodos dense albo-pubescentibus; cicatricibus vaginarum in patellares promi-

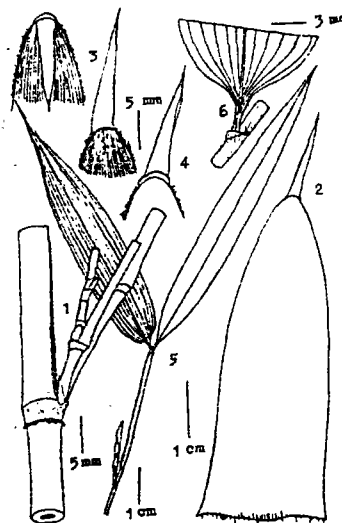


图4 广州刚竹 *Phyllostachys cantoniensis* W. T. Lin, sp. nov. 1. 秆的一部分; 2. 秆箨; 3. 秆箨的背面; 4. 秆箨的正面; 5. 叶; 6. 叶的一部分放大。

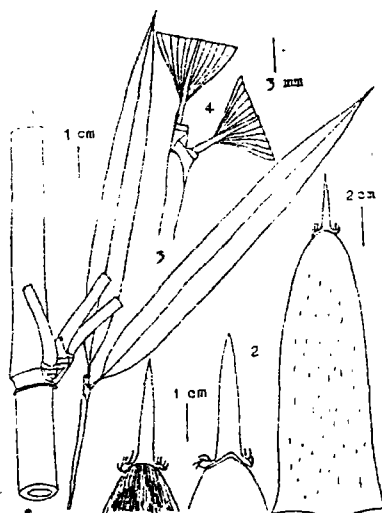


图5 二叶酸竹 *Acidosasa bilamina* W. T. Lin et Z. M. Wu, sp. nov. 1. 秆的一部分; 2. 秆箨; 3. 小枝上的叶; 4. 叶的一部分。

nentibus. Vaginae culmorum tarde deciduae, apice truncatae, utrinque margine ciliatae, dorso fusco-hispidae; auriculis ellipticis; setis oralibus brevibus; ligulis 0.5 mm longis, margine fimbriatis; laminis erectis lanceolatis vel linearibus perspicue tessellatis. Rami 3 in quoque nodo suberecti. Folia in quoque ramo 2; vaginis foliorum dorso albo-hispidulis, utrinque margine ciliatis; auriculis oblongis; setis oralibus suberectis; ligulis 0.5 mm longis, margine fimbriatis; laminis 17~35 cm longis, 3~6 cm latis, utrinque glabris, nervis secundariis utrinque 8~9, venulis conspicue tessellatis.

Guangdong: Guangning, Qinggui, Xiaojinkeng, 24 XI 1992, Zhimin Wu 85910 (Type, CANT).

本种近似大明竹 *P. gramineus* (Bean) Nakai. 区别在秆节极肿大, 节下密生白色短柔毛, 箨环呈碟状隆起, 秆的箨鞘顶端截平, 箨舌边缘有流苏状, 叶片较大, 长 17~35 cm, 宽 3~6 cm.

广东: 广宁, 清桂, 小金坑, 吴志敏 85910 (模式, CANT).

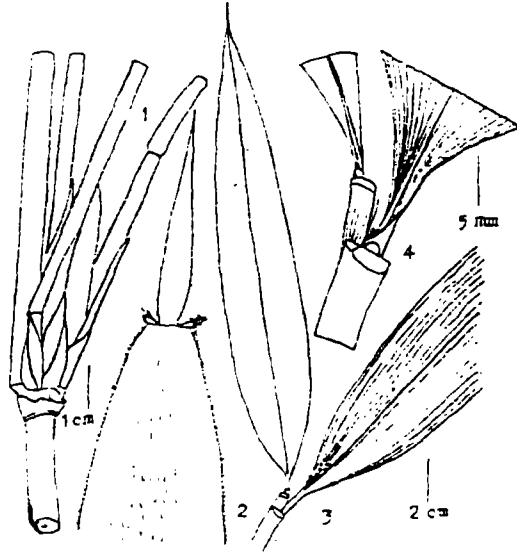


图6 碟环苦竹 *Pleioblastus patellaris* W. T. Lin et Z. M. Wu, sp. nov. 1. 秆的一部分; 2. 秆节; 3. 叶; 4. 叶的一部分.

NEW TAXA OF BAMBUISOIDEAE FROM LIANGGUANG

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Abstract The present paper is a report of six new species and two new combinations of bamboo from Liangguang which are *Melocalamus gracilis*, *Bambusa semitecta*, *Sinocalamus recto-cuneatus*, *S. oldhamii* f. *revolutus*, *Sinarundinaria pupillosa*, *Phyllostachys cantoniensis*, *Acidosasa bilamina*, *Pleioblastus patellaris*.

Key words *Melocalamus*; *Bambusa*; *sinocalamus*; *Sinarundinaria*; *Phyllostachys*; *Acidosasa*; *Pleioblastus*; New taxa