

广东竹亚科新植物

林万涛 冯志坚
(林学院)

摘要 作者在研究竹亚科中,发现八种新植物,均分布于广东地区,现给予报道。

关键词 箬竹属; 唐竹属; 酸竹属; 少穗竹属; 苦竹属; 青篱竹属; 矢竹属; 新分类群

糙秆坭竹 新种 图1

Bambusa scabriculum W. T. Lin, sp. nov.

Species affinis *B. gibba* McClure, sed internodiis culmi scabre siliceis et appresse fusco-hispidis, cicatricibus vaginarum fusco-hispidis, laminis vaginarum basi leviter contractis, haud excurrentibus, etiam earum latitudine circa 1/2 apicis vaginae partes aequantibus, laminis foliorum minoribus 3~7 cm longis, 5~12 mm latis differt.

Culmi 7 m alti, 3~4 mm diam.; internodiis 25~30 cm longis, scabre siliceis et appresse fusco-hispidis; ligno 1.5 cm crasso; cicatricibus vaginarum fusco-hispidis; ramis saepe e primo vel secundo nodo culmi initio orientibus, infimis 1, superioribus 3~7; ramulis ramorum inferiorum saepe ad spinas induratas reductis. Vaginae culmorum deciduae, apice subtruncatae, uno latere plerumque in corniculum prominentes, dorso albo-hispidulae et fusco-hispidae; laminis erectis anguste triangulis, basi leviter contractis, etiam earum latitudine circa 1/2 apicis vaginae partes aequantibus; auriculis oblongis inaequimagnis, margine ciliatis; ligulis 2~3 mm longis denticulatis. Folia in quoque ramulo 8~10; vaginis foliorum glabris; ligulis 0.5 mm longis, margine ciliatis; auriculis falcatis; setis oralibus radiatis; laminis 3~7 cm longis, 5~12 mm latis, subtus pubescentibus; nervis secundariis utrinque 3~6.

Guangdong; Guangzhou, Chentiancun, 10 XI 1962, Wantao Lin 31587 (Type, CANT).

本种近似坭竹 *B. gibba* McClure, 区别在节间含粗糙砂质和贴生棕色粗毛, 箨环有棕色粗毛, 箨叶基部略收缩, 决不外延, 其宽度约为箨鞘顶部的 1/2, 叶片较小, 长 3~7cm, 宽 5~12mm.

广东: 广州, 陈田村, 林万涛 31587 (模式, CANT), 生于山脚田边。

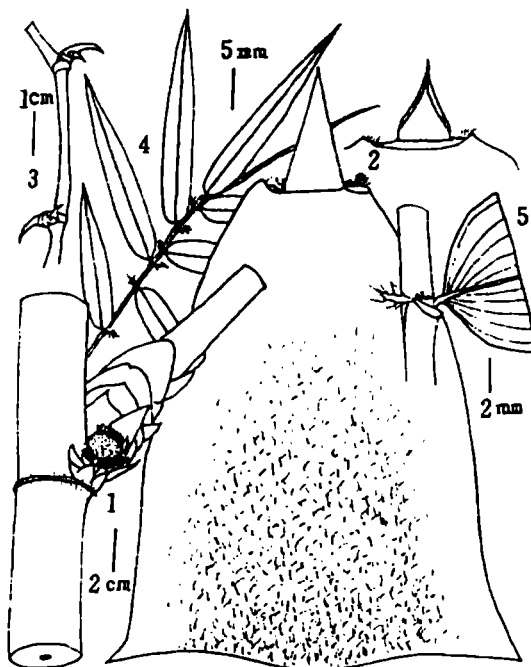


图1 糙秆坭竹 *Bambusa scabriculum*
W. T. Lin, sp. nov.

1. 秆的一部分; 2. 秆箨; 3. 枝条上的刺;
4. 小枝上的叶; 5. 叶的一部分。

多变黄竹 新种 图 2

Bambusa varioaurita W. T. Lin et

Z. J. Feng, sp. nov.

Species affinis *B. contractae* Chia et H. L. Fung, sed laminis vaginarum culmi basi excurrentibus, etiam earum latitudine circa 2/3 apicis vaginae partes aequantibus, ligulis vaginarum brevissimis 0.4 mm longis, ramis fasciculatis, primariis quam ceteris crassioribus et longioribus differt.

Culmi 4~5 m alti, 1.5~2 cm diam.; ligno 2 mm crasso; internodiis 15~32 cm longis albo—pubescentibus et albo—striatis; ramis gracilibus, saepe e quarto nodo culmorum initio orientibus, primariis quam ceteris crassioribus et longioribus. Vaginae culmi deciduae, apice inaequilatere convexae, margine ciliatae, dorso fusco-pubescentes; ligulis 0.4 mm longis; laminis erectis subtriangulis, basi secus latera duo in duas auriculas excurrentibus, etiam earum latitudine circa 2/3 apicis vaginae partes aequantibus; auriculis oblongis vel naviculiformibus amplexicaulibus, altera magna patens, altera parva interdum excurrentes vel non evoluta; setis oralibus tenuibus. Folia in quoque ramulo 5~6; vaginis foliorum glabris; auriculis oblongis; setis oralibus paucis; ligulis brevissimis; laminis 3.5

~11 cm longis, 6~14 mm latis, subtus pubescentibus; nervis secundariis utrinque 5~6. Inflorescentia paniculata; spicula 2~3 cm longa; bracteis 1; glumis vacuis 1; flosculis 5~6; lemmatibus 13~16 mm longis; paleis 11~12 mm longis; in carinis glabris; inter carinas 6~7 nerviis; rachilis 2.5~4 mm longis; lodiculis 3; ovario reniforme vel ovato stipitato; stylo brevissimo; stigmatibus 3.

Guangdong: Pingyan, Zhonghangxiang, 11 V 1992, Zhijian Feng 83697 (Type, CANT)

本种近似破篾黄竹 *B. contracta* Chia et H. L. Fung, 区别在箨叶基部外延, 其宽度约为箨鞘顶部的 2/3, 箨舌极短, 长 0.4 mm, 枝条簇生, 主枝比其余侧枝较粗且长。

广东: 平远, 中行乡, 冯志坚 83697 (模式, CANT)。分布于坑边。

少毛唐竹 新种 图 3

Sinobambusa glabrata W. T. Lin et Z. J. Feng, sp. nov.

Species affinis *S. imrayae* Wen, sed cicatricibus vaginarum glabris, vaginis culmi apice leviter convexis, haud acutis, auriculis vaginarum subrectangulis planis, laminis foliorum venulis transversis obscuris differt.

图 2 多变黄竹 *Bambusa varioaurita*

W. T. Lin et Z. J. Feng, sp. nov.

1. 秆的一部分; 2. 箨鞘; 3. 小枝上的叶;
4. 叶的一部分; 5. 小穗; 6. 外稃; 7. 内稃;
8. 鳞被; 9. 雄蕊; 10. 雌蕊。

Rhizoma leptomorpha. Culmi 2~3 m alti, 0.5~1.5 cm diam.; internodiis teretibus 11~17 cm longis glabris, supra ramos planis; nodis modice prominentibus; cicatricibus vaginarum glabris. Vaginae culmi deciduae, apice convexae, dorso glabratae; auriculis subrectangulis planis; setis oralibus tenuibus; ligulis 1~2 mm longis denticulatis; laminae erectis lanceolatis, basi in rotundam formam conspicue contractis, etiam earum latitudine circa 2/3 apicis vaginae partes aequantibus. Rami 3 in quoque nodo, primarii quam ceteri fere duplo longiores et crassiores. Folia in quoque ramulo 3~5; vaginis foliorum glabris; auriculis subfalcatis; setis oralibus radiatis; ligulis brevissimis; laminae 5~12 cm longis, 5~15 mm latis, subtus pubescentibus; nervis secundariis utrinque 5~7, venulis transversis obscuris.

Guangdong: Guangning, Jinshan, 25 VI 1990, Zhijian Feng 37018 (Type, CANT).

本种近似毛环唐竹 *S. incana* Wen, 区别在箨环无毛, 箨鞘顶端稍拱, 决不尖锐, 箨耳近长方形而平坦, 叶片的小横脉不明显。

广东: 广宁, 金山, 冯志坚 37018 (模式, CANT)。生于低海拔山坡。

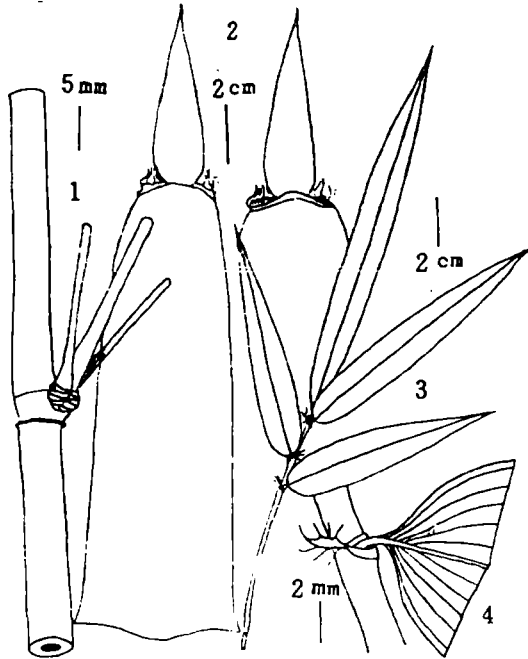


图3 少毛唐竹 *Sinobambusa glabrata* W. T. Lin et Z. J. Feng, sp. nov.
1. 秆的一部分; 2. 秆箨;
3. 小枝上的叶; 4. 叶的一部分。

黑节酸竹 新种 图4

Acidosasa denigrata W. T. Lin, sp. nov.

Species affinis *A. maculata* W. T. Lin et Z. M. Wu, sed nodis culmi initio albo-farinaceis mox denigratis, ligulis vaginarum brevioribus 1 mm longis non ciliolatis, auriculis vaginarum et setis oralibus omnino suppetentibus differt.

Rhizoma leptomorpha. Culmi 4~6 m alti, 1~1.5 cm diam.; internodiis teretibus 10~32 cm longis, supra ramos planis, initio albo-hispidulis postea glabris; nodis modice prominentibus, initio albo-farinaceis mox denigratis; cicatricibus vaginarum glabris; infra nodos albo-farinaceis mox denigratis. Vaginae culmi deciduae, apice leviter convexae, margine ciliatae, dorso elevato-striatae, inter strias sparse tuberculato-hispidae; ligulis 1 mm longis; auriculis minoribus oblongis; setis oralibus brevibus; laminae erectis minoribus lanceolatis. Rami 3 in quoque nodo. Folia in quoque ramulo 2~4; vaginis foliorum glabris, margine ciliatis; ligulis 2 mm longis, dorso hispidulis; auriculis minutis; setis oralibus 1~2; laminae 5~23 cm longis, 9~21 mm latis, utrinque glabris; nervis secundariis utrinque 4~6.

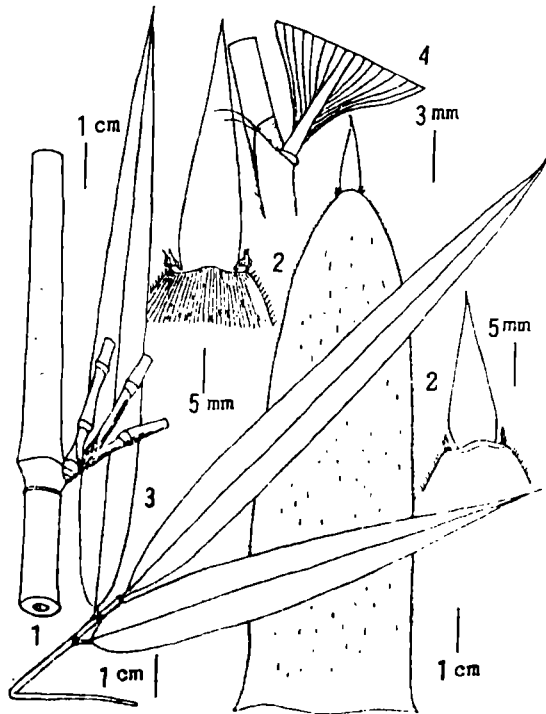


图4 黑节酸竹 *Acidosasa denigrata* W. T. Lin, sp. nov.
1. 秆的一部分; 2. 秆箨;
3. 小枝上的叶; 4. 叶的一部分。

Guangdong: Shixing, Chebaling, 28 VI 1989, Changlu Zhang 56023 (Type, CANT) .

本种近似斑箨酸竹 *A. macula* W. T. Lin et Z. M. Wu, 区别在秆在节上初时有白粉, 不久变黑色, 箨舌较短, 长 1mm, 无缘毛, 箨耳和鞘口缝毛均存在。维

广东: 始兴, 车八岭, 张常路 56023 (模式, CANT) . 生于海拔 500m 的山沟边。

假面秆竹 新种 图 5

Oligostachyum orthotropoides W. T. Lin, sp. nov.

Species affine *O. shiuyingianum* (Chia et But) Wang et Ye, sed internodiis culmi non purpureo-maculatis, nodis modice inflatis et in carinas transversas prominentibus, laminis vaginarum culmi basi latitudine circa 2/3 apicis vaginae partes aequantibus differt. Etiam vaginis culmi *Pseudosasa orthotropae* S. L. Chen et Wen similis, sed nodis culmi modice inflatis, intra nodos brevioribus 4 mm longis, auriculis foliorum nullis vel minutis differt.

Culmi 4 m alti, 1 cm diam. ; internodiis teretibus 10~15 cm longis, supra ramos planis, initio albo-pubescentibus, nodis modice inflatis et in carinas transversas prominentibus; intra nodos 4 mm longis. Vaginae culmi deciduae, apice truncatae, dorso sparse hispidae; ligulis 2 mm longis; auriculis minoribus oblongis; setis oralibus paucis; laminis erectis lanceolatis, basi latitudine circa 2/3 apicis vaginae partes aequantibus. Rami 3 in quoque nodo. Folia in quoque ramulo 3~5; vaginis foliorum dorso albo-puberulis; auriculis nullis vel minutis; setis oralibus paucis; ligulis 1~2 mm longis; laminis 4~20 cm longis, 4~24 mm latis, supra glabris, subtus albo-puberulis, nervis secundariis utrinque 4~6, venulis conspicue tessellatis.

Guangdong: Guangzhou, Longyandong, 15 VI 1964, Shuhui Tan 42135 (Type, CANT) .

本种近似秀英竹 *O. shiuyingianum* (Chia et But) Wang et Ye, 区别在秆的节间无紫色斑点, 节中等肿大, 并呈横脊隆起, 箨叶基部的宽度约为箨鞘顶部的 2/3。本种的秆箨和面秆竹 *Pseudosasa orthotropae* S. L. Chen et Wen 亦相似, 区别在秆的节中等肿大, 节内较短, 长 4 mm, 叶耳缺失或极小。

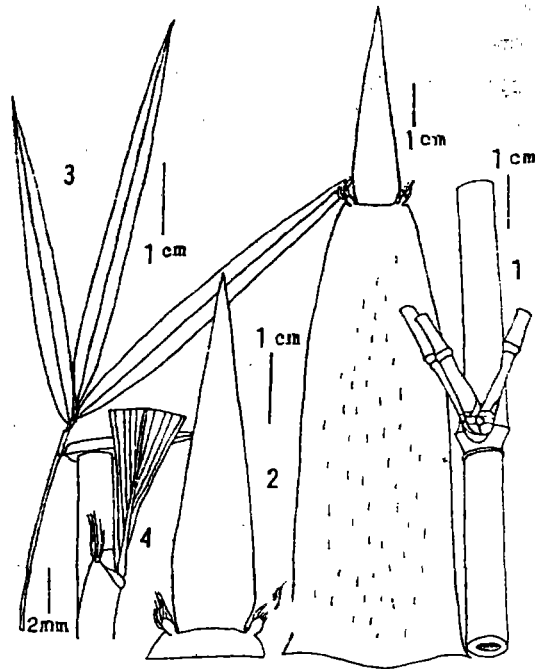


图 5 假面秆竹 *Oligostachyum orthotropoides* W. T. Lin, sp. nov.
1. 秆的一部分; 2. 秆箨;
3. 小枝上的叶; 4. 叶的一部分。

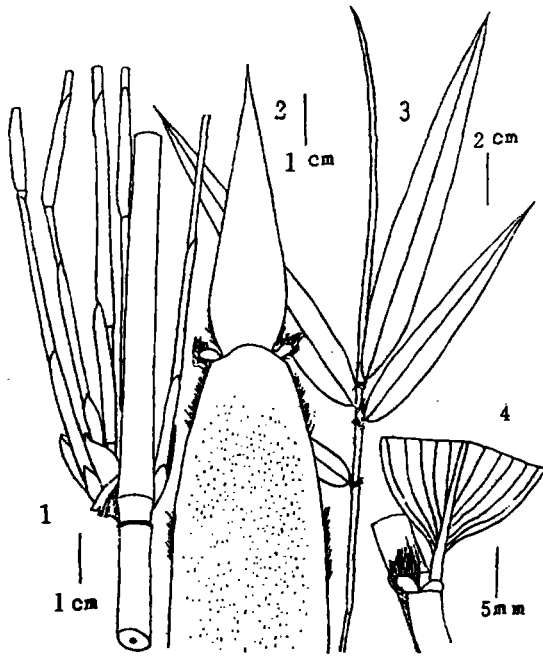


图 6 小糙毛苦竹 *Pleioblastus hispidulus* W. T. Lin et Z. J. Feng, sp. nov.
1. 秆的一部分; 2. 秆箨;
3. 小枝上的叶; 4. 叶的一部分。

广东：广州，龙眼洞，谭树辉 12135（模式，CANT）。

小糙毛苦竹 新种 图6

Pleiblastus hispidulus W. T. Lin et Z. J. Feng, sp. nov.

Species ab omnibus speciebus generis laminis vaginarum culmi erectis ovato-lanceolatis, basi latitudine circa 2/3 apicis vaginae partes aequantibus, vaginis culmi dorso et internodiis culmi dense hispidulis facile distinguanda.

Rhizoma leptomorpha. Culmi 1~1.5 m alti, 5~8 mm diam.; internodiis teretibus 13~16 cm longis, initio dense albo-hispidulis; nodis prominulis; cicatricibus vaginarum hispidulis. Vaginae culmi deciduae, apice convexae, margine ciliatae, dorso dense hispidulae; ligulis 1 mm longis, dorso hispidulis; auriculis lunulatis; setis oralibus modice evolutis; laminis ovato-lanceolatis erectis, basi latitudine circa 2/3 apicis vaginae partes aequantibus. Rami 3~5 in quoque nodo suberecti. Folia in quoque ramulo 5~6; vaginis foliorum dorso hispidulis, margine ciliatis; ligulis 1 mm longis; auriculis lunulatis; setis oralibus congestis; laminis 6.5~15 cm longis, 8~22 mm latis, supra glabris, subtus hispidulis; nervis secundariis utrinque 4~5.

Guangdong: Pingyan, Nantaishan, 10 V 1992, Zhijian Feng 83627 (Type, CANT).

本种箨叶直立，卵状披针形，基部的宽度约为箨鞘顶部的2/3，箨鞘背面和秆的节间密被小糙毛，易于与本属其他种类相区别。

广东：平远，南台山，冯志坚83627（模式，CANT）

双角青篱竹 新种 图7

Arundinaria bicorniculata W. T. Lin et Z. J. Feng, sp. nov.

Species affinis *A. projectae* W. T. Lin, sed vaginis culmi apice profunde concavis, etiam humeris duo in duas corniculatas prominentibus, ligulis vaginarum longioribus 3~5 mm longis, laminis foliorum nervis secundariis utrinque 6~9 differt.

Culmi 1~1.5 m alti, 0.5~1 cm diam.; internodiis teretibus 12~23 cm longis; supra ramos leviter planis, initio albo-hispidulis; nodis prominulis, infra nodos albo-farinaceis. Vaginae culmi tarde deciduae, apice profunde concavae, etiam humeri duo plerumque in duas aequales vel inaequales corniculatas prominentes, margine ciliatae, dorso tuberculato-hispidulae; ligulis 3~5 mm longis, margine cillolatis, dorso hispidulis; auriculis et setis oralibus nullis; laminis linear-lanceolatis patentibus vel reflexis. Rami 3 in quoque nodo suberecti. Folia in quoque ramulo 2~3; vaginis foliorum dorso initio albo-hispidulis, margine ciliatis; auriculis et setis oralibus nullis; ligulis 4~6 mm longis; laminis 9~25 cm longis, 1.2~3.6 mm latis, supra glabris, subtus pubescentibus; nervis secundariis utrinque 6~9.

Guangdong: Pingyan, Nantaishan, 10 V 1992, Zhijian Feng 83625 (Type, CANT).

本种近似真子竹 *A. projecta* W. T. Lin, 区别在箨鞘项端深内凹，2 肩呈 2 个小角状突起，

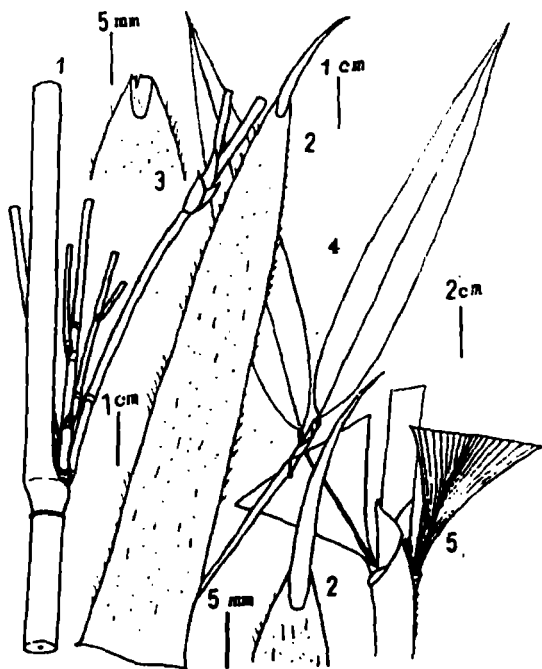


图7 双角青篱竹 *Arundinaria bicorniculata* W. T. Lin et Z. J. Feng, sp. nov.

1. 秆的一部分；2. 箨鞘；
3. 小枝上的叶；4. 叶的一部分。

箨舌较长，长3—5 mm，叶片每侧有次脉6—9。

广东：平远，南台山，冯志坚 83625（模式，CANT）。见于海拔400m的山坡疏林中。

抱秆茶秆竹 新种 图8

Pseudosasa amplexicaulis W. T. Lin et

Z. J. Feng, sp. nov.

Species ab omnibus speciebus generis cicatricibus vaginarum culmi suberosis prominulis hirsutis, auriculis vaginarum unciformibus vel falcatis amplexicaulibus facile distinguenda.

Culmi 1~1.5 m alti, 6~10 mm diam.; internodiis 15~25 cm longis, supra ramos planis pubescentibus; nodis prominulis; cicatricibus vaginarum suberosis prominulis hirsutis. Vaginae culmi deciduae, dorso pubescentes et sparse tuberculato-hispidae, basi hirsutae; ligulis 1 mm longis; auriculis unciiformibus vel falcatis, margine supra longe hispidis; laminis anguste lanceolatis patentibus. Rami solitarii suberecti raro 2; ramis secundariis saepe e nodis ramorum basalibus prodientibus. Folia 3 in quoque ramulo; vaginis foliorum dorso pubescentibus; ligulis 1 mm longis, margine limbratis; auriculis oblongis vel lunulatis; setis oralibus congestis; laminis 11—20 cm longis, 2—3 cm latis, nervis secundariis utrinque 6—9.

Guangdong; Pingyan, Changtianxiang, Gaoshe, 13 V 1992, Zhijian Feng 83784 (Type, CANT).

本种箨环呈木栓质隆起，有长硬毛，箨耳钩状或镰状，抱秆，易于与本属其他种区别。

广东：平远，长田乡，高峯，冯志坚 83784（模式，CANT）。

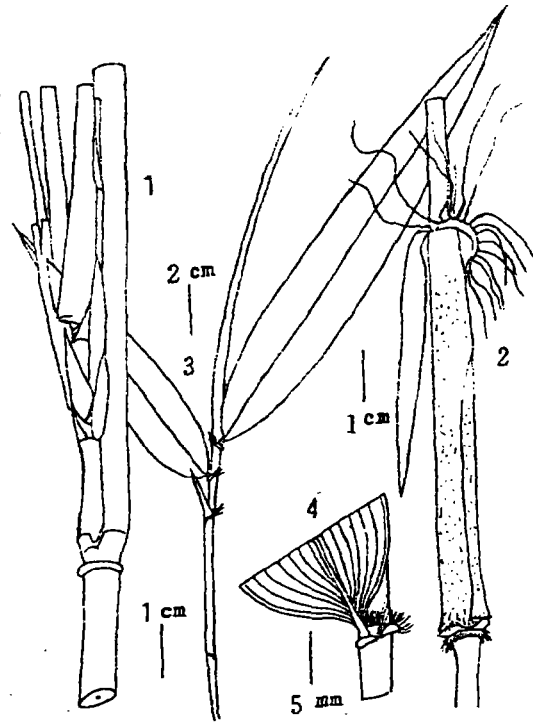


图8 抱秆茶秆竹 *Pseudosasa amplexicaulis* W. T. Lin et Z. J. Feng, sp. nov.
1. 秆的一部分；2. 秆箨；
3. 小枝上的叶；4. 叶的一部分。

SOME NEW PLANTS OF BAMBUISOIDEAE FROM GUANGDONG

Lin Wantao Feng Zhijian

(Forestry College)

Abstract The present paper is a report of eight new plants of Bambusoideae from Guangdong which are *Bambusa scaberculma*; *B. varioaurita*; *Sinobambusa glabrata*; *Acidosasa denigrata*; *Oligostachyum orthotropoides*; *Pleioblastus hispidulus*; *Arundinaria bicorniculata*; *Pseudosasa amplexicaulis*.

Key words *Bambusa*; *Sinobambusa*; *Acidosasa*; *Oligostachyum*; *Pleioblastus*; *Arundinaria*; *Pseudosasa*; New taxa