

## 中国画眉草属四个新种\*

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## FOUR NEW SPECIES OF CHINESE ERAGROSTIS

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画眉草属约有 250 种, 广布于世界热带与亚热带各地, 但亦延伸至温寒地带; 我国已知有 26 种, 2 变种, 分别记载于《中国主要植物图说——禾本科》与《海南植物志》、《台湾植物志》等书。近年来我们参加编志工作, 查阅了全国各地标本(西藏除外), 已确定我国画眉草属有 31 种和 1 个变种, 其中有四个种是新种。这个属由于分布较广, 未见到的标本还有, 以后当继续研究。

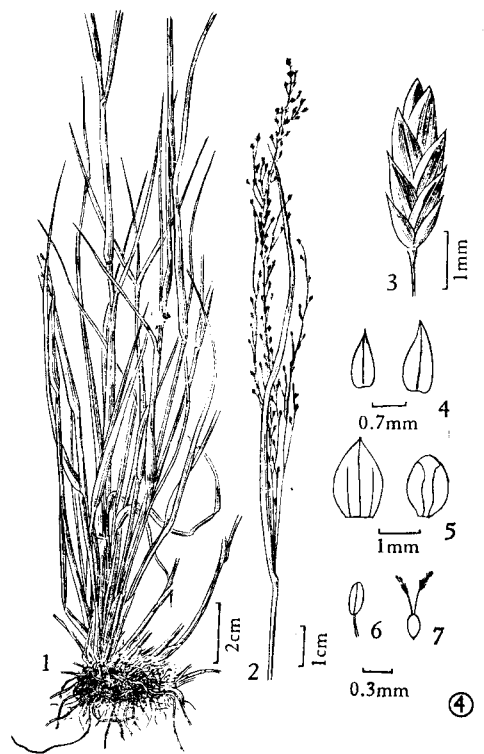
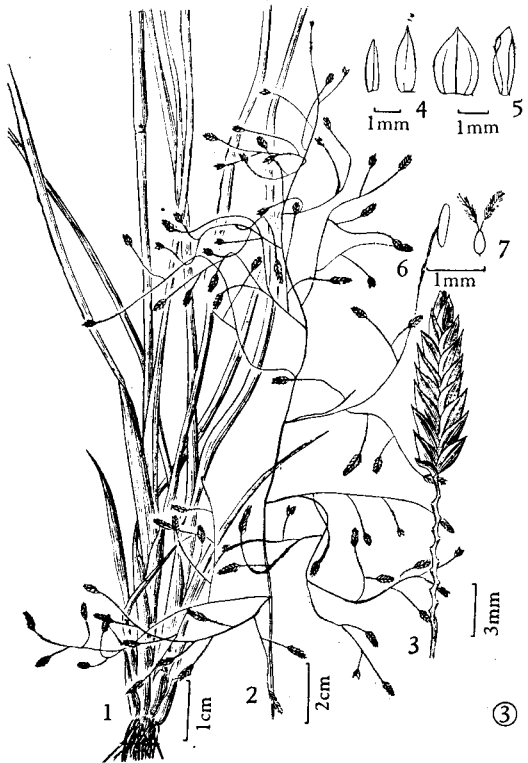
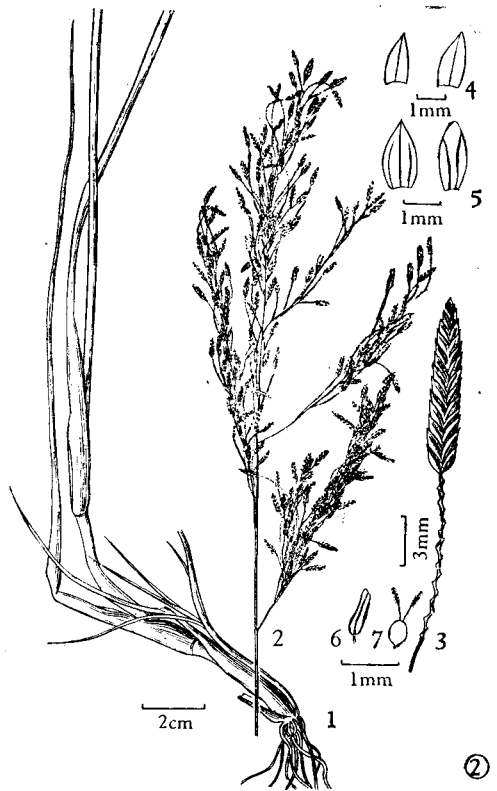
美丽画眉草 新种 图 1:1

**Eragrostis pulchra** S. C. Sun et H. Q. Wang, sp. nov.

Affinis *E. pilosae* (L.) Beauv., sed praesertim differt ligula circa 1 mm longa, membranacea, margine superne ciliata; panicula contracta, ad ramificationem primariam folio depauperato ad 2 mm longo instructa, ad axillam glabra; spiculis brevioribus et angustis, flosculis numerosis; caryopside ad 1—1.2 mm longa.

Gramen annuum. Culmi 30—40 cm alti, inferne circa 2 mm crassi, 2—3-nodes. Foliorum vaginae laxae, ad orem pilosae, 2—3 mm longae, maturitate deciduae; ligulae circa 1 mm longae, membranaceae, ciliatae, glabrae, inferne parce pilosae. Panicula contracta, erecta, dura, dense spiculata, circa 20 cm longa, circa 1.5 cm lata, ad ramificationem primariam folio solitario depauperato lanceolato circa 2 mm longo instructa, ad nodos 2—3-ramosa, ramis 3—4 cm longis, ad axillam glabra; spiculae circa 0.5 cm longae, circa 1 mm latae, 6—13-flosculosae, illis imbricatim denseque ordinatis; rhachillis persistentibus; glumae primariae circa 0.4 mm longae, sine nervo, secundae circa 1.2 mm longae, 1-nerves; lemma lati-ovatum, circa 1.5 mm longum, acutum, papyraceum, purpureum, 3-nerve; palea circa 1.2 mm longa, apice obtusa, carina breviter ciliata; stamina 3, antheris 0.2—0.3 mm longis. Caryopsis longi-elliptica, unilateraliter cuneata, 1—1.2 mm longa, lentigonibus purpureis.

\* 本文得到江苏植物研究所陈守良同志的指导与协助, 特此致谢。



1.美丽画眉草 *Eragrostis pulchra* S. C. Sun. et H. Q. Wang, sp. nov.  
 2.长穗鼠妇草 *Eragrostis longispicula* S. C. Sun et H. Q. Wang, sp. nov.  
 3.垂穗画眉草 *Eragrostis fractus* S. C. Sun et H. Q. Wang, sp. nov.  
 4.广西画眉草 *Eragrostis guangxiensis* S. C. Sun et H. Q. Wang, sp. nov.  
 1.植株; 2.花序; 3.小穗; 4.颖; 5.稃; 6.雄蕊; 7.雌蕊。

Guangdong: Hainan Exped. Inst. Bot. Acad. Sin. 1956: 00541 (Typus in Herb. Inst. Bot. Acad. Sin. conservatur).

本种与 *E. pilosa* (L.) Beauv. 主要区别是叶舌膜状, 上缘具毛, 长 1 毫米; 圆锥花序短缩, 在花序轴第一分枝处, 具有退化叶, 长 2 毫米, 分枝腋间无毛; 小穗短而窄, 小花多; 颖果长达 1—1.2 毫米。

广东: 海南岛, 1956 年, 中国科学院植物研究所工作队 00541 (模式标本存中国科学院植物研究所标本室)。

**长穗鼠妇草** 新种 图 1:2

***Eragrostis longispicula*** S. C. Sun et H. Q. Wang, sp. nov.

Affinis *E. atrovienti* (Desf.) Trin., sed praesertim differt panicula 8—25 cm longa circa 15 cm lata, ramis patentibus, spiculis 2—2.5 cm longis, 1—1.5 mm latis, flosculis numerosis, usque ad 40.

Gramen perenne. Culmi erecti, 80—120 cm alti, circa 4 mm diametro, 5—6-nodes. Foliorum vaginae laxae, ore longe villosae; ligulae breves, circa 0.2 mm longae, membranaceae, margine ciliatae; laminae lineares, 10—15 cm longae, 3—5 mm latae, basi et margine sparsim longi-ciliatae. Panicula erecta, aperta, 8—2.5 cm longa, circa 15 cm lata; rami solitarii tenues, primi patentis; spiculae lineares, 2—2.5 cm longae, 1—1.5 mm latae, 8—40-flosculosae. Gluma prima ovata, apice acuminata, 1-nervis, secunda ovato-elliptica 1-nervis; lemma circa 2 mm longum, acutum, 3-nerve, apice acutum; palea brevior, cum lemmate simul decidua. Stamina 3, antheris circa 1 mm longis purpureis.

Guangdong: Guangzhou, XII, 1979, Tseng Yung-chien 1003 (Typus in Herb. Wu Han Univ. conservatur).

本种与 *E. atrovirens* (Desf.) Trin. ex Steud 相似, 主要的区别在其圆锥花序开展, 长 8—25 厘米, 宽 15 厘米, 小穗长达 2—2.5 厘米, 宽 1—1.5 毫米; 小花数多, 可达 40 朵。

广东: 广州, 1979 年 12 月, 程用谦 1003 号(模式标本存武汉大学植物标本室)。

**垂穗画眉草** 新种 图 1:3

***Eragrostis fractus*** S. C. Sun et H. Q. Wang, sp. nov.

Affinis *E. atrovienti* (Desf.) Trin., sed differt planta non valida; panicula laxa tenui, spiculis laxis nutantibus 8—30-flosculosis; pedicellis usque ad 2 cm longis, glumis majoribus, lammate late elliptico apice acuto vel acuminato; caryopside ciliata.

Gramen perenne; radices valde evolutae, ad 10 cm longae; culmi caespitosi, erecti, basi compressi, geniculati, circa 60 cm alti, circa 2.5 mm diametro, 2—3-nodes. Foliorum vaginae laxae, plerumque quam internodia longiores, glabrae; ligula membranacea, circa 1 mm longa; laminae angustissimae, lineares, saepe involutae, 8—16 cm longae, 2—3 mm latae, superne pilosae. Panicula laxa, 30—40 cm longa, in axillis glabra; rami solitarii, tenues; spiculae laxae, longe pedicellatae (pedicellis uaque ad 2 cm longis), nutantes, 1—2 cm longae, circa 3 mm latae, 8—30-flosculosae. Glumae lanceolatae, primae circa 2 mm longae, secundae circa 2.5 mm longae; lemma late ellipticum, circa 2.5 mm longum,

apice acutum vel acuminatum; palea parum brevior, maturitate cum lammate simul decidua, rhachillis persistentibus. Caryopsis elliptica, longitudinaliter striata, breviter ciliata.

Yunnan: Jianshui, 21 III 1941, Liu Shen-é 18365 (Typus in Herb. Inst. Bot. Acad. Sin. conservatur).

本种近似 *E. atrovians* (Deaf.) Trin., 但其植株不粗壮, 具松散、纤细并柔软下垂的圆锥花序, 稀疏的小穗, 小穗柄长可达 2 厘米, 花 8—30 朵, 颖较大, 第一颖长 2 毫米, 第二颖长 2.5 毫米, 外稃广椭圆形, 先端急尖或渐尖。颖果有毛。

云南: 建水, 1941 年 3 月 21 日, 刘慎谔 018365 (模式标本存中国科学院植物研究所标本室)。

广西画眉草 新种 图 1:4

***Eragrostis guangxiensis*** S. C. Sun et H. Q. Wang, sp. nov.

Affinis *E. pilosissimae* Link., sed differt vaginis haud pilosis; laminis sparsim pilosis; ligula membranacea, margine superne pilosa; panicula tenui, contracta, ramis tenuibus, sparsis; spiculis circa 3 mm longis, 2—5-flocculosis; lammatibus conspicue 3-nerviibus.

Gramen perenne. Culmi erecti, caespitiosi, tenues, firmi, 40—60 cm alti, 1—2 mm crassi, 2—3-nodes. Foliorum vaginae internodiis longiores, ore longe pilosae, ad 0.8—1 cm longae; ligula membranacea, margine superne pilosa, ad 2 mm longa; laminae complanatae vel involutae, 6—12 cm longae, circa 3 mm latae, subtus laeves, supra scaberulae et laxe longi-pilosae. Panicula tenuis, contracta, 7—14 cm longa, in axillis glabra; rami sparsi. Spiculae sparsae, circa 3 mm longae, circa 1 mm latae, 2—3-flocculosae. Glumae primae secundas aequantes, circa 1.4 mm longae, longi-ovatae, 1-nerves, dilute purpureae; lemmata prima circa 2 mm longa, conspicue 3-nervia, apice purpurea; palea lemmate brevior, circa 1.5 mm longa, ad carinam ciliata. Stamina 3.

Guangxi: Maoqiao, 21 V 1955, Guangxi Exped. 0199 (Typus in Herb. Inst. Bot. Acad. Sin. conservatur).

本种近似 *E. pilosissima* Link. 但不同于它在于叶鞘无毛; 叶片毛亦甚少; 叶舌膜状, 上缘具毛; 圆锥花序细弱而紧缩, 分枝纤细而少; 小穗长约 3 毫米, 具 2—5 朵小花, 外稃脉明显。

特产于我国广西茅桥。1955 年 5 月 21 日, 中国科学院植物研究所广西采集队 0199。(模式标本存中国科学院植物研究所标本室)。