

## 云南伪针茅属一新种

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## A NEW SPECIES OF PSEUDORAPHIS FROM YUNNAN

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关键词 伪针茅属; 思茅伪针茅 **新种**Key words *Pseudoraphis*, *Pseudoraphis simaoensis*

## 思茅伪针茅 新种 图 1

*Pseudoraphis simaoensis* Y. Y. Qian sp. nov.

Species affinis *P. longipaleaceae* Chia, sed culmis villosis, vaginis longe pilis ad basin papillatis pubigeris, ligulis, ligulis ciliatis, cillis 1 ~ 1.5 mm longis, laminis 12 ~ 28 cm longis, 7 ~ 19 mm latis, supra sparse longe pilis ad basin papillatis pubigeris, subtus scaberulis basi pubescentibus, paniculis 16 ~ 26 cm longis, in quoque ramulo 1 ~ 5-spiculis, spiculis 2.5 ~ 3 mm longis, glumis secundis 5-nervis, lemmatis secundis crasse papyraceis rugosis differt.

Culmi villosi, basi decumbentes, 40 ~ 80 cm alti, nodis glabris. Vaginae longe pilis ad basin papillatis pubigerae, margine ciliatae, internodiis sub longiores, raro superne internodiis breviores; ligulae breves, 0.1 ~ 0.2 mm altae, dense ciliatae, cillis 1 ~ 1.5 mm longis; laminae lanceolatae, 12 ~ 28 cm longae, 7 ~ 19 mm latae, apice, acutae, basi anyustatae vel cuneatae, supra sparse longe pilis ad basin papillatis pubigerae, subtus scaberulae, basi pubescentes, costis subtus elevatis, basi pubescentibus. Panicula 16 ~ 26 cm longa, 1 ~ 2 cm lata, ramis alternis, 1 ~ 5-spiculis; spiculae ovilanceolatae, 2.5 ~ 3 mm longa, brevis pedicellatae; setae 2 ~ 4 plolongiora quam spiculae; glumae primae membranaceae, 0.6 ~ 1 mm longae, apice rotundatae, e conspicue 3-nervis, secundae papyraceae, lemmatis primis breviores, apice obtusae, 5-nervis, glabrae; flosculi primi estaminiferi, lemmatis longitudinibus spiculas aequantibus, apice acuminatis, e conspicue 5-nervis, palis membranaceis, longitudinibus circ 1/2 lemmatae aequantibus; lemma secundum crasse papyraceum, ovirotum, circ. 2.3 mm longum, rugosum, palea longitudine lemma aequanti, crasse papyracea, dorsaliter 2-costata, fugosa; styli 2, basi divaricati.

Yunnan: (Simao) 思茅, alt 1300 m in stagnis is Sep. 1984, Qian Yiyong 494 (Holotypus SMAO; Isotypus IBK)

秆被长柔毛，基部平卧地面节着地生根，上升部分高40~80 cm，节部无毛。叶鞘松弛，被疣基长毛，边缘具缘毛，稍长于节间，稀上部短于节间；叶舌短，高0.1~0.2 mm，密被缘毛，缘毛长1~1.5 mm；叶片披地形，长12~28 cm，宽7~19 mm，先端包尖，基部渐狭或楔形，上面稀被疣基长纤毛，下面粗糙，基部具短柔毛，主脉于背面明显突起，基部具短柔毛。圆锥花序长16~26 cm，宽1~2 cm（刚毛除外），分枝互生，具1~5枚小穗；小穗卵状披针形，长2.5~3 mm，具短柄；刚毛常长于小穗的2~4倍；第一颖薄膜质，长0.6~1 mm，顶端钝圆，具不明显3脉；第二颖纸质，通常稍短于第一外稃，先端钝，具5脉，无毛；第一小花不含雄蕊，外稃与小穗等长，先端渐尖，具不明显5脉，内稃膜质，长度约为外稃的1/2；

第二外稃厚纸质，卵圆形，长约2.3 mm，具皱纹，内稃与外稃近等长，厚纸质，背部具2脊，具皱纹；花柱自基部分离。花期9月。

本种与长稈伪针茅 *P. longipaleacea* Chia 相近，但茎被长柔毛，叶鞘被疣基长毛，叶舌具长1~1.5 mm的缘毛，叶片长12~28 cm，宽7~19 mm，上面稀被疣基长毛，下面粗糙，基部被短柔毛，圆锥花序长16~26 cm，每分枝具1~5枚小穗，小穗长2.5~3 mm，第二颖具5脉，第二外稃厚纸质，具皱纹于区别。

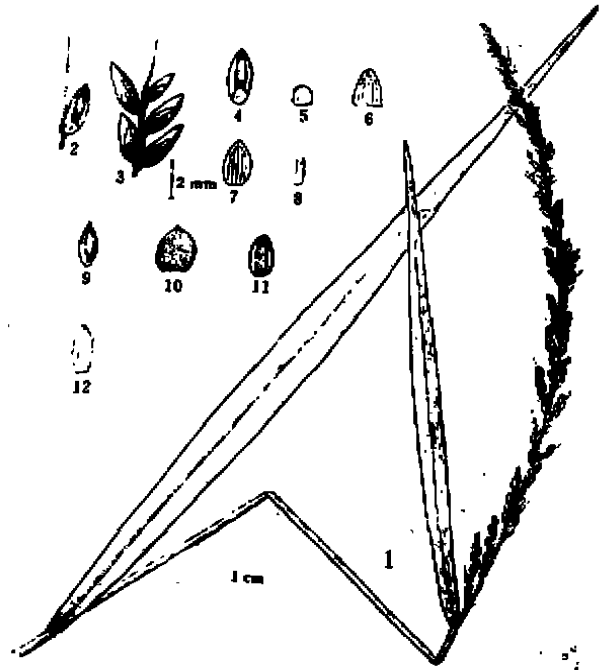


图1 思茅伪针茅 *Pseudoraphis simaoensis* Y. YQian  
1. 植株上部; 2. 每分枝带1小穗; 3. 每分枝带5小穗; 4. 小穗; 5. 第一颖; 6. 第二颖; 7. 第一外稃; 8. 第一内稃; 9. 第二小花; 10. 第二外稃; 11. 第二内稃; 12. 第一小花。