

青海赖草属一新种

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摘 要 报道了青海赖草属植物一新种:圆稃赖草 (*Leymus oblongolemmatus* L. Zhi et L. B. Cai)。该种的主要特征如下:多年生草本,秆直立、光滑、疏丛,高 60~90 cm。叶鞘粗糙,边缘膜质,长于或短于节间,叶舌膜质;叶片边缘内卷。穗状花序直立、密集、黄绿色,长 10~15 cm,宽 5~15 mm,穗轴粗糙,小穗常 3~4 枚生于每节,含 3~6 小花;颖披针形,长 4~7 mm,具 3~5 脉,边缘膜质;外稃长圆状披针形,不明显 3 脉,背部疏生短柔毛;花药黄色,长 4~5 mm。该种与 *L. paboanus* 相似。

关键词 赖草属;圆稃赖草;新种;青海;中国

A new species of *Leymus* Hochst from Qinghai, China

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Abstract A new species of *Leymus* in Qinghai, China is reported, and it's called *L. oblongolemmatus* L. Zhi et L. B. Cai. The main characters are described as follows: Perennial herbs. Stems are erect and glabrous, few and scattered, 60~90 cm tall. tough leaf-sheath, membranaceous on margins, longer or shorter than internodes, membranaceous ligules; Leaf blades involute on margins. Spikes are erect, conferted and flavo-green, 10~15 cm long, 5~15 mm wide. tough rachis, each node of rachis are with 3~4 spikelets, with 3~6 florets. Glumes lanceolate, 4~7 mm long and three to five-nerved, membranaceous on margins. Lemmas prolate spheroidal and lanceolate, obscurely three-nerved, with sparse short-pilose on the back. Anther flavescent, 4~5 mm long. This species is similar to *L. paboanus*.

Key words *Leymus*; *L. oblongolemmatus*; new species; Qinghai; China

圆稃赖草 新种 图 1: 1 - 7

Leymus oblongolemmatus L. Zhi et L. B. Cai
sp. nov. Fig 1: 1 - 7.

Species nova *L. paboanus* (Claus) Pilger similis, sed spiculis vulgo 3 - 4 natis e nodo; glumis lanceolatis, 4 - 7 mm longis; lemmatibus oblongolanceolatis, dorso pubescentibus; antheris 4 - 5 mm longis bene

differt

Herbae perennes, rhizomatibus deorsum extensis. Culmi erecti, glabri, laxe caespitosi, 60 - 90 cm alti, 2 - 3 mm diam., 3 - 4-nodes. Vaginae foliorum scabrae, margine membranaceae, internodiis longiores vel breviores, basales saepe laceratae in fibras et persistentes; ligulae membranaceae, circ. 0.9 mm longae; laminae margine involutae, 6 - 17 cm lon-

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gae, 2 - 4 mm latae, supra scabrella, infra glabrae. Spicae erectae, confertae, flavovirentes, 10 - 15 cm longae, 5 - 15 mm latae; rhachides scabrae, interodiis generatim 3 - 5 mm longis, basalibus 13 mm longis; spiculae vulgo 3 - 4 natae e nodo, 6 - 13 mm longae, 3 - 6-florae; glumae lanceolatae, 4 - 7 mm longae, 3 - 5-nerves, margine membranaceae, dorso scabrae, apice in aristas angustatae, duae subaequales; lemmata oblongo-lanceolata, obscure 3-nervia, dorso sparsim pubescentia, apice in aristas angustata, id primum 10 - 11 mm longum; paleae lemmata subaequantes, ad carinas glabrae vel sparsim breviter spinifrae; antherae flavae, 4 - 5 mm longae.

Qinghai (青海): Dulan (都兰), Fam Nuomuhong (诺木红农场), in wastelands, alt 2 900 m, 1998 - 08 - 28, L. B. Cai (蔡联炳) 0015 (holotypus, HNWP).

多年生草本,具下伸根状茎。秆直立,光滑,

疏丛,高 60 ~ 90 cm,径 2 ~ 3 mm,具 3 ~ 4 节。叶鞘粗糙,边缘膜质,长于或短于节间,基部者常撕裂呈纤维状,宿存;叶舌膜质,长约 0.9 mm;叶片边缘内卷,长 6 ~ 17 cm,宽 2 ~ 4 mm,上表面粗糙,下表面光滑无毛。穗状花序直立、密集、黄绿色,长 10 ~ 15 cm,宽 5 ~ 15 mm;穗轴粗糙,节间一般长 3 ~ 5 mm,基部可达 13 mm;小穗常 3 ~ 4 枚生于每节,长 6 ~ 13 mm,含 3 ~ 6 小花;颖披针形,长 4 ~ 7 mm,具 3 ~ 5 脉,边缘膜质,背部粗糙,先端狭窄如芒,两颖近等长;外稃长圆状披针形,不明显 3 脉,背部疏生短柔毛,先端狭窄如芒,第一外稃长 10 ~ 11 mm;内稃与外稃几等长;脊上无毛或疏生短刺毛;花药黄色,长 4 ~ 5 mm。

本种与 *Leymus paboanus* (Claus) Pilger 相似,但其小穗常 3 ~ 4 枚生于穗轴 1 节,颖披针形,长 4 ~ 7 mm,外稃长圆状披针形,背部被短柔毛,花药长 4 ~ 5 mm 而与之明显不同。

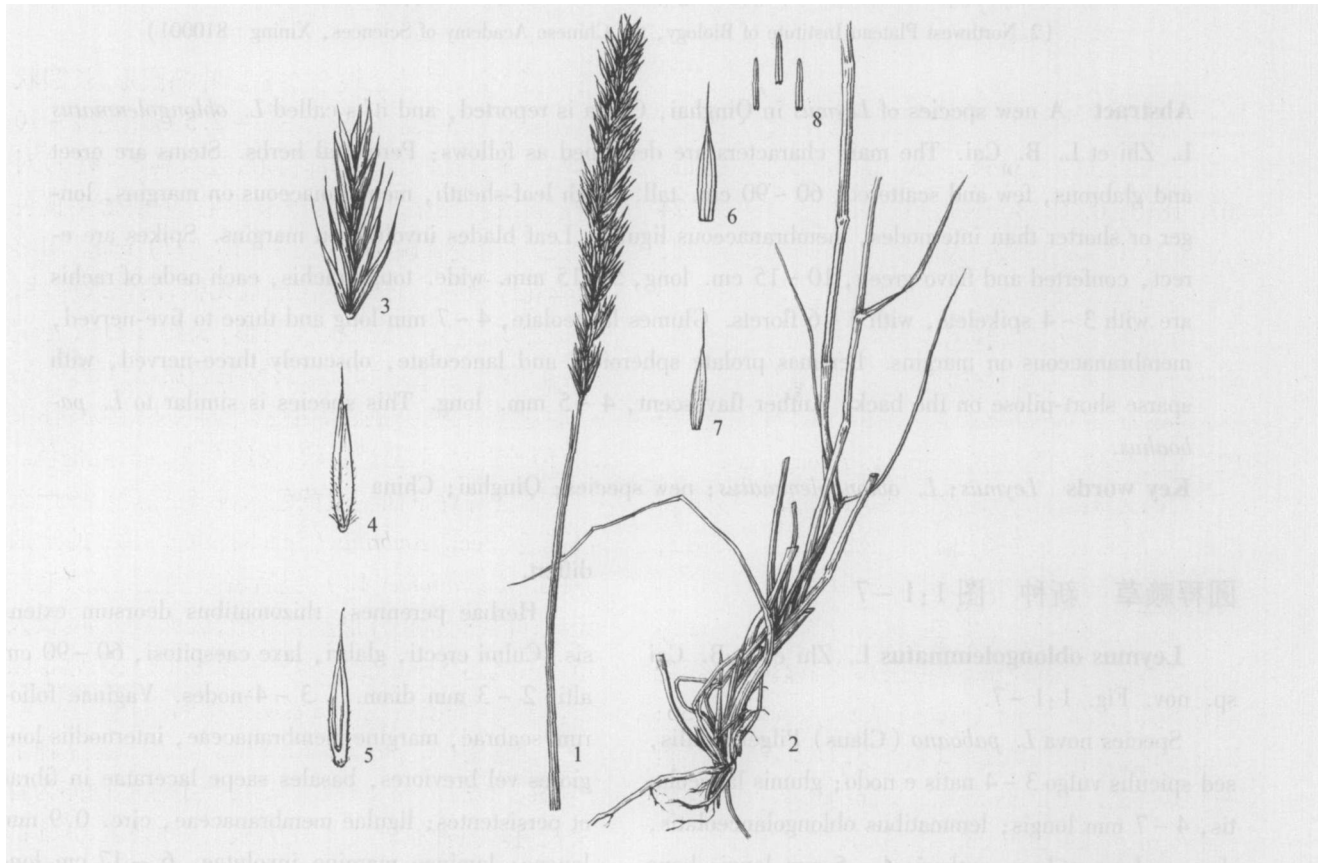


图 1 圆稃赖草 1. 植株上部; 2. 植株下部; 3. 小穗; 4. 第一小花背面; 5. 第一小花腹面; 6. 第一颖片; 7. 第二颖片; 8. 花药 (1, 2 $\times 1$; 3 ~ 8. $\times 3$) (王颖绘)

Fig 1 *Leymus oblongolammatus* 1. Upper part of plant; 2. Basal part of plant; 3. Spikelet; 4. Dorsal view of the first floret; 5. Ventral view of the first floret; 6. First glume; 7. Second glume; 8. Anthers (1, 2 $\times 1$; 3 ~ 8. $\times 3$)