

# 高原生物学集刊

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第十二集 No.12

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## 青藏高原茶藨属新分类群

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### 摘 要

本文描述了青藏高原茶藨属三新种: 青藏茶藨 *Ribes qingzangense* J. T. Pan, 吉隆茶藨 *R. gyirongense* J. T. Pan 和门源茶藨 *R. menyuanense* J. T. Pan, 此外, 还提出了一新组合——坛状茶藨 *R. qingzangense* J. T. Pan, var. *urceolatum* (Jancz.) J. T. Pan.

关键词: 茶藨属; 新分类群; 青藏高原

青藏茶藨 新种 图1: 1—6

*Ribes qingzangense* J. T. Pan, sp. nov.

Species valde affinis *R. himalense* Royle ex Decne., sed laminis foliorum dorso tomentosis, calyce extus vulgo pauce albo-setoso differt.

Frutex 1.5—2m altus, densissime ramosus, Ramuli atrobrunnei, vetustiores glabri, hornotini parce adpresso-pilosi. Folia longe petiolata, lamina ambitu cordata, 3—4.4 cm longa, 3.4—5.5 cm lata, 3-lobata vel obscure 5-lobata, lobis apice acutis, margine irregulariter serratis necnon ciliatis, ventre parce adpresso-pilosa necnon pilis glanduliferis intermixtis obsita, dorso tomentosa necnon parte inferiore ad nervos glanduloso-pilosa, petiolo 1.6—3.4 cm longo, adpresso-piloso necnon pilis glanduliferis intermixtis obsito. Racemus 1.4—3 cm longus, 6—9-florus, pedunculus cum pedicellis adpressopilosus, hypanthium in parte inferiore cum ovario connatum, superne liberum tubulosum 1.4—1.6 mm longum, intus glabrum, extus pauce albo-setosum; sepala viridiflava, quasi late obovata, c. 2 mm longa, 2—2.3 mm lata, apice subtruncata ciliataque, dorso vulgo pauce albo-setosa, multinervia; petala lilacina, spathulata, 1—1.2 mm longa, 0.4—0.5 mm lata, utrinque glabra, margine supra medium ciliata, 1—2-nervia; stamina

1.4—1.6 mm longa, antheris luteis, filamentis subulatis, stylus cylindricus, 3—3.2 mm longus, apice leviter bifidus. Bacca immatura viridiflava glabra globosa, 3.5—4.8 mm in diametro.

Qinghai (青海): Qilian (祁连), alt. 2600m, 1962. 06. 26, Y. C. Yang et al. (杨永昌等) 1274; Baima (班玛), in ravines, alt. 2600m, 1983. 08. 08, W. Y. Wang (王为义) 27658; Huzhu (互助), under forest, alt. 2600m, 1991. 07. 04, T. N. Ho (何廷农) 1583. Xizang (西藏): Yadong (亚东), in bush-wood on slope, alt. 2900m, 1975. 05. 29, Qinghai-Xizang Exp. (青藏队) 750049 (holotype, NWN1).

灌木, 高1.5—2米, 极多分枝。小枝黑褐色, 较老者无毛, 当年生者疏生贴伏柔毛。叶具长柄; 叶片轮廓心形, 长3—4.4厘米, 宽3.4—5.5厘米, 3裂或不明显5裂, 裂片先端急尖, 边缘具不规则锯齿和睫毛, 并混生腺毛, 背面被绒毛, 且下部沿脉具腺毛, 叶柄长1.6—3.4厘米, 具贴伏柔毛, 并混生腺毛。总状花序长1.4—3厘米, 具6—9花, 花序梗和花梗均被贴伏柔毛; 托杯下部与子房合生, 上部离生, 管状, 长1.4—1.6毫米, 内面无毛, 外面具少数白刚毛; 萼片绿黄色, 似阔卵形, 长约2毫米, 宽2—2.3毫米, 先端近截形, 并具睫毛, 腹面无毛, 背面通常具少数白刚毛, 具多脉; 花瓣淡紫色, 匙形, 长1—1.2毫米, 宽0.4—0.5毫米, 两面无毛, 边缘中上部具睫毛, 具1—2脉; 雄蕊长1.4—1.6毫米, 花药黄色, 花丝钻形; 花柱圆柱形, 长3—3.2毫米, 先端稍2裂。未成熟浆果绿黄色, 球形, 直径3.5—4.8毫米, 无毛。

本种确与 *R. himalense* Royle ex Decne. 近缘, 但其叶片背面被绒毛, 萼外面通常具少数白刚毛, 可资区别。

#### 坛状茶藨 新组合 图1: 7—12

*Ribes qingzangense* J. T. Pan var. *urceolatum* (Jancz.) J. T. Pan, comb. nov. — *R. himalense* Decne. r. *urceolatum* Jancz. in Mém. Soc. Phys. Hist. Nat. Genève 35: 297. 1907, 'himalayense'.

Qinghai (青海): Nangqen (囊谦), in ravines on slopes, alt. 3800—4000 m, 1982. 06. 15, W. Y. Wang (王为义) 14. Xizang (西藏): Bomi (波密), in bushwoods among forests, alt. 3400m, 1973. 06. 19, Xizang Exp. (西藏考查队) 600.

本变种与原变种之区别在于其叶片背面仅沿脉疏生腺毛和柔毛, 花梗被腺毛和柔毛。

#### 吉隆茶藨 新种 图2: 1—5

*Ribes gyirongense* J. T. Pan, sp. nov.

Species affinis *R. himalensi* Royle ex Decne. et *R. qingzangensi* J. T. Pan, sed ab ambobus lobis foliorum apice acuminatis, ventre parce glanduloso-strigosis, haud pubescentibus, sepalis glabris, petalis subobtriangularibus, apice emarginatis necnon haud ciliatis differt.

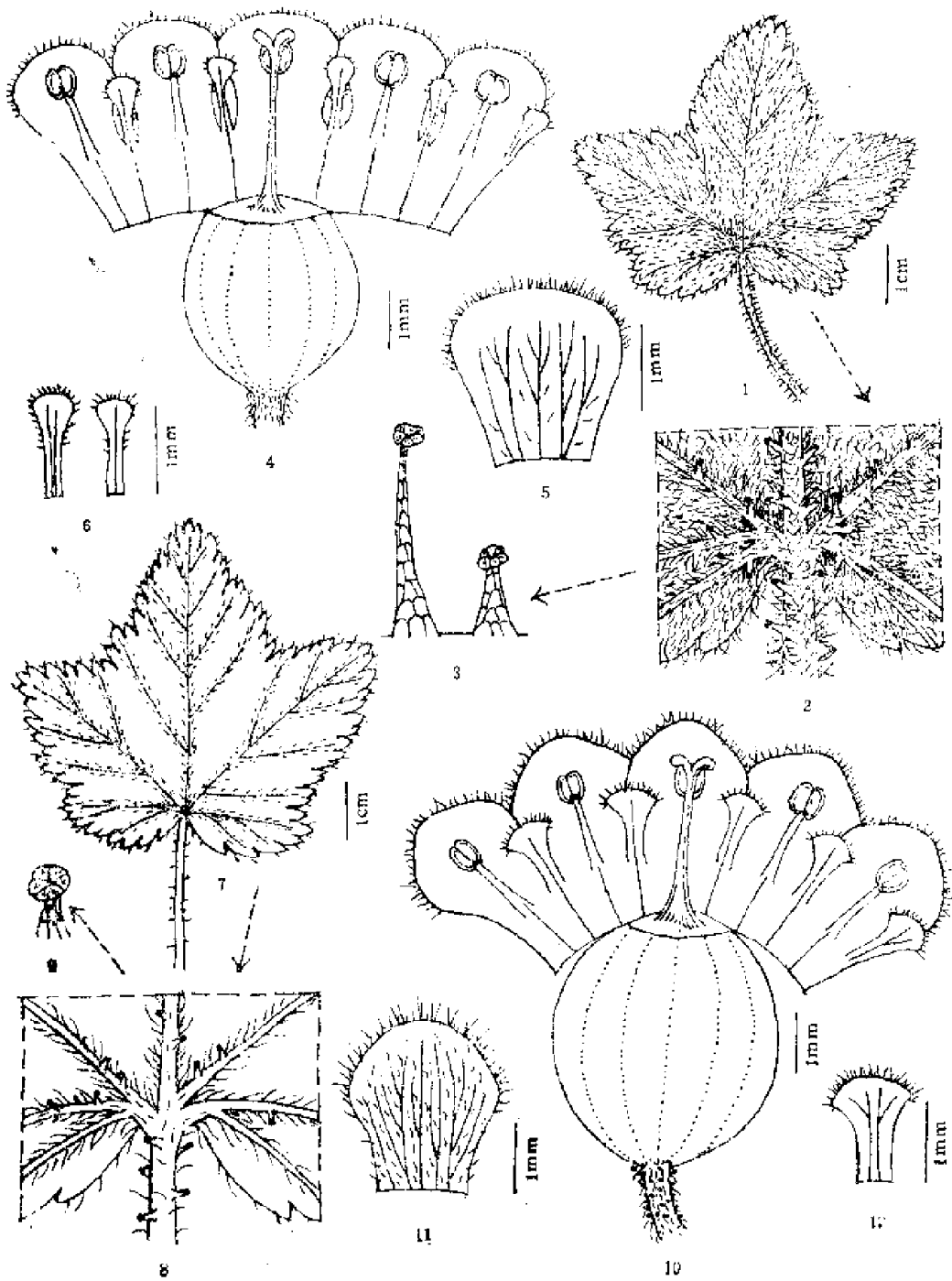


图 1 1—6. 青藏茶藨: 1. 叶背面; 2. 叶背面一部分; 3. 叶背面腺毛; 4. 幼浆果及花 (展开); 5. 萼片背面; 6. 花瓣。7—12. 坛状茶藨: 7. 叶背面; 8. 叶背面一部分; 9. 叶背面腺毛; 10. 幼浆果及花 (展开); 11. 萼片背面; 12. 花瓣。(潘锦堂绘)

Fig. 1 1—6. *Ribes qingxangense*: 1. leaf (back); 2. part of leaf (back); 3. glandular-hairs of leaf (back); 4. young berry and flower opened; 5. sepal (back); 6. petal. 7—12. *Ribes qingxangense* var. *urceolatum*: 7. leaf (back); 8. part of leaf (back); 9. a glandular-hair of leaf (back); 10. young berry and flower opened; 11. sepal (back); 12. petal.

Frutex 1—1.5m altus, densissime ramosus. Ramuli glabri, vetustiores atrobrunnei, hornotini fulvi. Folia longe petiolata, lamina ambitu cordata, 4.3—6.7cm longa, 5—8.7cm lata, 5-lobata, lobis apice acuminatis, margine irregulariter serrato-dentatis necnon parce ciliatis, ventre parce glandulosostrigosa, dorso ad nervos pilosa necnon dorso inferne ad nervos parce glanduloso-pilosa, petiolo 4.7—7.5cm longo, piloso necnon pilis glanduliferis intermixtis pauce instructo. Racemus axillaris c. 3.8 cm longus, fere 10-florus; pedicelli fere 3 mm longi cum pedunculo pilosi, hypanthium in parte inferiore cum ovario connatum, superne liberum tubulosum glabrumque fere 2mm longum, sepala late spathulata, c. 3.3mm longa et 3mm lata, apice obtusa, glabra multinervia, petala subobtriangularia, c.1.5mm longa et 1.1 mm lata, apice emarginata, glabra trinervia, stamina fere 2 mm longa, filamentis subulatis, stylus cylindricus, fere 4.1 mm longus, apice leviter bifidus. Bacca semimatura globosa glabra, fere 8 mm in diametro.

Xizang (西藏): Gyirong (吉隆), at the base of a mountain, on the margins of forests, alt. 2900m, 1972. 06. 01, Xizang Chin. Med. Herb. Exp. (西藏中草药普查队) 37 (holotype, NWBI).

灌木，高1—1.5米，极多分枝。小枝无毛，较老者黑褐色，当年生者黄褐色。叶具长柄；叶片轮廓心形，长4.3—6.7厘米，宽5—8.7厘米，5裂，裂片先端渐尖，边缘具

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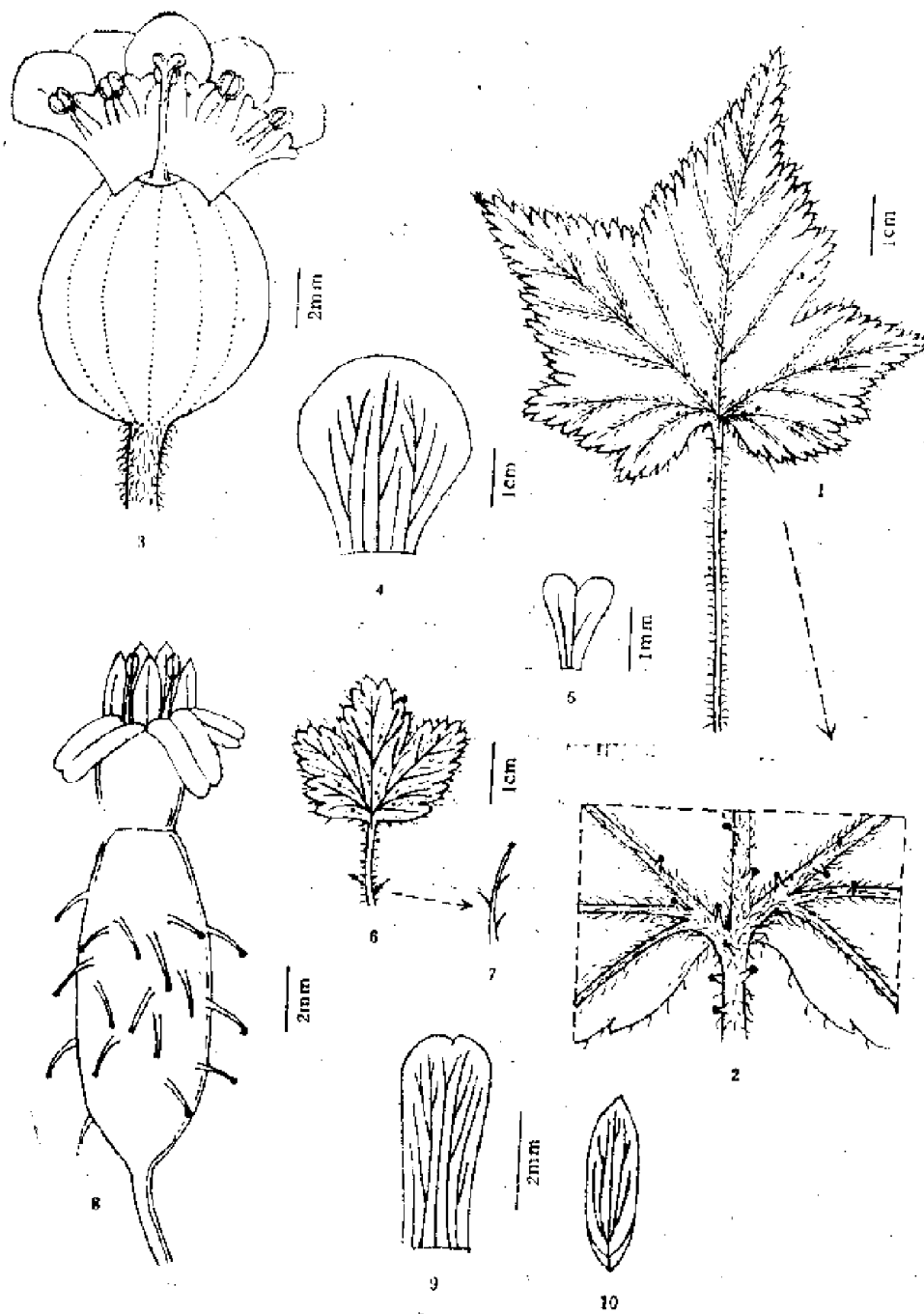


图 2 1—5. 吉隆茶藨: 1. 叶背面, 2. 叶背面一部分, 3. 浆果和花 (展开), 4. 萼片, 5. 花瓣。6—10. 门源茶藨: 6. 叶, 7. 叶柄之羽状腺毛, 8. 浆果和花, 9. 萼片, 10. 花瓣。(潘锦堂绘)

Fig. 2 1—5. *Ribes gyirongense*, 1. leaf (back), 2. part of leaf (back); 3. berry and flower; 4. sepal; 5. petal. 6—10. *Ribes menyuanense*, 6. leaf, 7. a feathery glandular-hair of petiole, 8. berry and flower, 9. sepal, 10. petal.

ne glanduloso-pilosis), petiolis pilis glanduliferis plumosis intermixtis instructis recedit.

Frutex 2—3m altus, densissime ramosus, rami cinerei glabri, ad nodos aculeis ternis validis armati. Folia longe petiolata, lamina ovata late ovata usque rotundata, 1.3—2.1 cm longa, 1.6—2.6 cm lata, basi saepe truncata usque late cuneata, 3-lobata vel obscure 5-lobata, lobis obtusis, irregulariter crenato-dentatis, utrinque margineque pilosa necnon pilis glandulosis intermixtis pauca obsita, petiolo 1.2—1.4 cm longo, glanduloso-piloso necnon pilis glanduliferis plumosis intermixtis instructo. Flores ad foliorum axillas solitarii vel duo pedunculo glabro insidentes, pedicelli glabri, hypanthium in parte inferiore cum ovario connatum, superne liberum tubulosum glabrumque, sepala reflexa ligulata, 4—5 mm longa, 1.8—2 mm lata, apice retusa, glabra multinervia, nervis apice non confluentibus, petala anguste oblonga, c. 3.5mm longa et 1mm lata, apice acuta, glabra multinervia, stamina fere 3.5mm longa, filamentis subulatis, stylus cylindricus, fere 5 mm longus, ad medium bifidus. Bacca nigro-purpurea, anguste oblonga usque oblonga, 1.2—1.9 cm longa, 4.5—7mm lata, plus minusve glanduloso-hispida.

Qinghai (青海); Menyuan (门源), Zhugu (朱固), at the base of a mountain, alt. 2800m, 1962. 06. 28, Y. C. Yang et al. (杨永昌等) 1488 (holotype, NWBI).

灌木，高2—3米，极多分枝。枝灰色，无毛，节上具粗状之三出皮刺。叶具长柄，叶片卵形、阔卵形至圆形，长1.3—2.1厘米，宽1.6—2.6厘米，基部通常截形至宽楔形，3裂或不明显5裂，裂片钝，具圆状齿，两面和边缘具柔毛，并混生少数腺毛；叶柄长1.2—1.4厘米，具腺柔毛，并混生羽状腺毛。花单生于叶腋，或两朵生于无毛之花序梗；花梗无毛，托杯下部与子房合生，上部离生，筒状，长约3毫米，无毛；萼片反曲，舌形，长4—5毫米，宽1.8—2毫米，先端微凹，无毛，具多脉，脉于先端不汇合；花瓣狭长圆形，长约3.5毫米，宽约1毫米，先端急尖，无毛，具多脉；雄蕊长约3.5毫米，花丝钻形；花柱圆柱状，长约5毫米，2裂达中部。浆果黑紫色，狭长圆形至长圆形，长1.2—1.9厘米，宽4.5—7毫米，多少具粗硬腺毛。

本种与 *R. stenocarpum* Maxim. 和 *R. alpestre* Wall. ex Decne. 极相似；但与前者之不同在于其浆果多少具粗硬腺毛（前者，无毛），叶片基部截形至宽楔形（前者，心形或截形），两面和边缘混生少数腺毛（前者，无腺毛）；与后者之区别在于其浆果狭长圆形至长圆形（*R. alpestre*，椭圆球形）萼片先端微凹，无毛（*R. alpestre*，先端钝，背面和边缘具睫毛），叶柄混生有羽状腺毛。

# NEW TAXA OF THE GENUS *RIBES* L. FROM QING-ZANG PLATEAU

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Three new species of the genus *Ribes* (Saxifragaceae) are described from Qing-Zang Plateau of China. They are *Ribes qingzangense* J. T. Pan, *R. gyirongense* J. T. Pan and *R. menyuanense* J. T. Pan. Moreover a new combination, *R. qingzangense* J. T. Pan var. *urceolatum* (Jancz.) J. T. Pan, is also proposed.

Key words: *Ribes*; New taxa; Qing-Zang Plateau

## 更正

本刊第11集87页, [附录]: “野生动物保护管理现状与建议”第10行中“282”克改为705000克。



## 青海省早熟禾属三种禾草的 拉丁文描述之补充

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THREE SPECIES OF GEN. *POA* LINNAEUS FROM QINGHAI  
PROVINCE SUPPLEMENTED ON LATIN DESCRIPTIONS

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本文在于补充青海省所产的早熟禾属3新种的拉丁文描述与特征纲要。它们原记载于《中国主要植物图说——禾本科》(科学出版社, 北京, 1959)一书中。但因当时仅有中文资料和绘图, 缺少拉丁文说明, 故多年来只能算是“不曾生效发表的名称invalid names,”今特予补充其拉丁文部分, 庶可使之成为合法的学名, 以便于国际认可和在科学上应用。

### 早熟禾属

Gen. *Poa* L., Sp. Pl. ed. 1. 67. 1753; Gen. Pl. ed. 5. 31. 1754.

异名: *Panicularia* Fabric. Enum. 207. 1759.

*Poidium* Nees in Lindl., Nat. Syst. ed. 2. 450. 1836.

*Poagris* Raf. in Fl. Tell. 1:18. 1837.

*Dasypoa* Pilg. in Bot. Jahrb. 25:716. 1898.

*Paneion* Lunell in Am. Midl. Nat. 4:221. 1914.

*Bellardiachloa* Chiov. Stud. Veg. Piemonte 60. 1929.

*Arctopoa* (Griseb.) Probat. in Nov. Sist. Vysh. Kast. 11:49.  
1974.

*Parodiachloa* C. E. Hulbard in Bull. Brit. Mus. 8:395. 1981.

模式种: 草地早熟禾 *P. pratensis* L.

## 1. 窄颖早熟禾

*Poa*, (sect. *Poa*) *stenachyra* Keng in Clav. Gen. et Sp. Gram. Prim. Sin. (中国主要禾本科植物属种检索表) pp. 31, 45, 164, 1957, nom. nud., Fl. Illustr. Plant. Prim. Sin.-Gram. (中国主要植物图说——禾本科) pp. 135, 144, 155, f. 105, 1959, nom. invalid. Sine Lat. descript.

Gramen perenne, rhizomatibus brevibus, radicibus fibrosis, culmi solitarii, erecti vel basi leviter decumbentes, 80—110 cm alti, c. 2 mm crassi, leves, 2—4-nodes, nodo supremo e basi culmi c. 20 cm. remoto, vaginae basales exceptae internodiis breviores, leves vel scaberulae, ea summa 16.5—21 cm longa, lamina sua longiore, ligula membranacea, semi-rotundata vel triangularis, superiore c. 2 mm longa, basi 0.8—1 mm longa, laminae marcidiae, acutae, 9—16 cm longae, 3—4 mm latae, planae vel leviter involatae, infra leves, supra scaberulae. Panícula aperta, pyramidata, 9.5—15.5 cm longa, 4—8 cm lata, ramis 2—4-nis vel raro 5-nis, tenuibus, scaberulis, patentibus vel pentulis, in  $1/2$ — $2/3$  inferiore nudis, basi libus usque ad 6.5—8 mm longis, spiculae lanceolatae, saepissime 3-florae, 5—6 mm longae, ad maturitatem stramineae et leviter purpureae, glumae angustae, lanceolatae, acuminatae, superne scaberulae, carina scaberula, prima 3—4 mm longa, 1-nervi, secunda 4—5 mm longa, 3-nervi, lemmata oblonga, ad apicem et marginae superiores membranaceae, infra apicem membranaceum leviter aeneocolorata nervis intermediis distinctis, medianis superne scaberulis, in  $1/3$  marginalibusque in  $1/4$  inferiore longius pilosis, callo moderatim lanuginoso, lemmate primo 4—4.5 mm longo, palea lemmate paulo brevior, carinis scabris, antherae flavae, c. 2 mm longae.

Qinghai (青海); Menyuan (门源), ad locum alt. c. 2400 m, crescens, 1936-09-06. Ji-Meng Liu (刘继孟) 6993 (Typus in NJU 南京大学植物标本室).

Species Ussuriae *P. angustiglumi* Roshev. (Bull. Jard. Bot. Acad. Sci. URSS 30, 773, 1932) valde affinis, sed, ex eventu per comparisonem cum descriptione originali speciei supra scriptae obtento, item differt (1) panícula brevior angustioreque, (2) spiculis brevioribus, pauciorifloris, (3) lemmatum nervis mediis in  $1/3$  et marginalibusque in  $1/4$  inferiore tantum pilosis, (4) laminis angustioribus, et ligulis brevioribus c. 2 mm longis.

## 2. 长稈早熟禾

*Poa dolichachyra* Keng in Clav. Gen. et Sp. Gram. Prim. Sin. pp. 31, 45, 164, 1957, nom. nud., Fl. Illustr. Plant. Prim. Sin.-Gram. pp. 135, 144, 157, f. 106, 1959, nom. invalid. Sine Lat. descript.

Gramen perenne, rhizomatibus gracilibus, radicibus fibrosis, tenuibus densisque, culmi c. 35 cm alti, c. 1 mm crassi, saepissime 2-nodes, nodo superemo in loco  $\frac{1}{3}$  inferiore culmi sito, vaginae pleraeque internodiis breviores, leves, glabrae, inferne clausae, suprema 9—10 cm longa, lamina sua 3—4-plo longiore, ligula membranacea, fere triangularis, 2—3 mm longa, illa inferiore brevior, c. 1 mm longa, laminae infra leves et glabrae, supra puberulae, 2.5—6.5 cm longae, 2—3 mm latae, acutae, plicatae, illis surculariis involutis, usque ad 25 cm longia, c. 2 mm latis. Panicula ovata vel oblonga, c. 6 cm longa, ramis saepissime binis, patentibus vel leviter pendulis, basalibus, usque ad 3—4.5 cm longis, inferne nudis, levibus glabrisque vel superne scaberulis, spiculae ovatae, 4—6 mm longae, 2—4-florae, glauco-viridulae purpureaeque, articulis rhachillae glabris, 0.5 mm longis, glumae lanceolatae, acutae, prima 1-nervi, c. 3 mm longa, secunda 3-nervi, c. 4 mm longa, lemmata antice leviter membranacea, distincte 5-neria, nervis mediis superne scaberulis, in  $\frac{1}{2}$  vel  $\frac{2}{3}$  marginalibus in  $\frac{1}{2}$  inferiore longius pilosis, callo pilis longioribus copiose lanuginoso, lammata prima 4—4.5 mm longo, palea lemma aequans vel eo paulo brevior, carinis brevissime ciliolatis, antherae 2 mm longae.

Qinghai (青海): Menyuan (门源), ad declivitatem crescens, alt. 3000 m., 1935-10-23, Ji-Meng Liu (刘继孟) 6781 (Typus in NJU).

Species *P. pratensis* L. (Sp. Pl. ed. 1. 67. 1753) affinis, sed panicula minore, ramis binis, et glumis lemmatisque longioribus recedit.

### 3. 印度早熟禾

*Poa*. (Sect. *Hylopoa*) *indattenuata* Keng in Clav. Gen. et Sp. Gram. Prim. Sin. pp. 39, 49, 168, 1957, nom. nud., Fl. Illustr. Plant. Prim. Sin.-Gram. pp. 140, 148, pl. 151. 1959, nom. invalid., Sine Lat. descript.

Gramen perenne, dense caespitosi, radicibus fibrosis densis, culmi 15—25 cm alti, 0.8—1 mm crassi, 1—2-nodes, vaginae internodiis longiores, glabrae, summa lamina sua paulo longiore, ligula membranacea, truncata vel obtusa et dentata, 1.5—2 mm longa, laminae 2—4 cm longae, c. 1 mm latae, acutae, planae vel involutae, glabrae, supra scaberulae. Panicula anguste contracta, 2—4 cm longa, 0.5—1 cm lata, ramis 2-nis, erectis, scabris, basalibus 1—1.5 cm longis, e basi spiculiferis vel inferne nudis, spiculae purpureae vel glauco-purpureae, 3—5 mm longae, (2—) 3—4-florae, rhachilla glabra; glumae acutae, fere aequilongae vel prima paulo brevior, 2.5—3.5 mm longae, 3-nerviae raro prima 1-neria, carina scaberula, lemmata ovata vel ovato-oblonga, antice leviter membranacea, obscure 5-

nervia, ad partem inter nervos glabra, nervis medianis in  $\frac{1}{3}$  vel  $\frac{1}{2}$  marginalibus in  $\frac{1}{4}$  vel  $\frac{1}{3}$  inferiore parce breviterque pilosis, callo sparse lanuginoso, lemmata primo 2.5—3.5mm longo, palea lemma fere aequans carina scabris vel ciliolatis, antherae 1—1.5mm longae.

Qinghai (青海): Jishi-shan (积石山), ad alluvionem palustriam gramineorum crescens, 1935-07-16, Zhong-Wu Yao (姚仲吾) 855 (Typus in NJU).

Species in "Flora of Britisch India" probabiliter perperam *Poae attenuatae* Trin. (Mem. Acad. Sci. St. Petersb. Sav. Etrang. 2:527. 1835) ascribitur, ex qua sed differt (1) planta humilior, tantum 2—3-nodi, (2) spiculis tantum 2—4— non 3—5-floris, (3) glumis lemmatibusque praecipue his haud longe acuminatis et (4) callo sparse vel haud lanuginoso.