

青海棘豆属一新种

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A NEW SPECIES OF THE GENUS *OXYTROPIS* DC. (LEGUMINOSAE) FROM QINGHAI OF CHINA

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关键词 棘豆属, 青海棘豆

Key words *Oxytropis*, *O. Qinghaiensis*

青海棘豆 新种(图 1)

Oxytropis qinghaiensis Y. H. Wu sp. nov.

Species habitu similis *Oxytropis Kansuensis* Bunge, sed a qua planta patenter densius albo-villosa, cinerascenti; corolla purpurea vel violacea; leguminibus majoribus, c. 12—16 mm longis, c. 5—7 mm latis differt. Similis *Oxytropis melanocalyci* Bunge, sed a qua plantae 15—40 cm alta, patenter densius albo-villosa, cinerascenti; foliolis 6—14 juis, utrinque dense subadpresse albo-villosa, leguminibus 12—16 mm longis, 5—7 mm latis differt.

Perennis, 15—40 cm alta, plantae patenter densius albo-villosae, cinerascentes. Caulis erectus vel diffususve, patenter densius albo-villosus, Stipulae triangulari-lanceolatae, supra medium liberae, infra medium connatae, 8—11 mm longae, apice acuminatae, patenter albo-villosae; folia 5—12 cm longa; foliola 6—14 juga, ovata vel ovato-lanceolata, 3—12 mm longa, 2—7 mm lata, apice acuminata vel obtusa, basi rotundata, utrinque dense subadpresse albo-villosa. Racemus in capitulum multiflorus aggregati, pedunculus 6—16 cm longus, dense patule albo-villosus, interdum dense patule nigro-pubescens immixtus sub inflorescentia; bractea lineari-lanceolata, 4—7 mm longa, albo-villosa; calyx-tubuloso-campanulatus, c. 6—8 mm longus, 2—3 mm latus, densius nigro-pubescens et

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sparse patenter albo-villosus, dentibus lanceolatis, 3—4 mm longis; corolla purpurea vel violacea; vexillum latiovatum, c. 12 mm longum, (cum ungue c. 3—4 mm longa), c. 9 mm latum, apice retusum; alae c. 10 mm longae, apice retusae, unguibus c. 4—5 mm longis; carinae c. 9 mm longae, apice cum mucrone c. 0.8 mm longo, unguibus c. 4 mm longis; ovarium lineare, dense adpresse nigro-pubescent et albo-pubescent. Legumen rigide membranaceum, oblongum, turgidum, 12—16 mm longum, 5—7 mm latum, subpatentim albo-pubescent et nigro-pubescent. Semina compressa orbiculato reniformia, c. 1.5—2 mm longa, brunnea. Fl. VI—VII, Fl. VIII—IX.

Endemica

Qinghai (青海): Tongde Xian (同德县), Hebei Xiang (河北乡), Shuimogou (水磨沟), prope sylvam, herbosam crescens, 3440 m alt., Aug. 10, 1990, Y. H. Wu (吴玉虎) 6192 (holotypus HNWP 模式标本存中国科学院西北高原生物研究所); Nangqian Xian (囊谦县), 4100 m alt., June 30, 1965, Y. C. Yang (杨永昌) 1088 (HN-

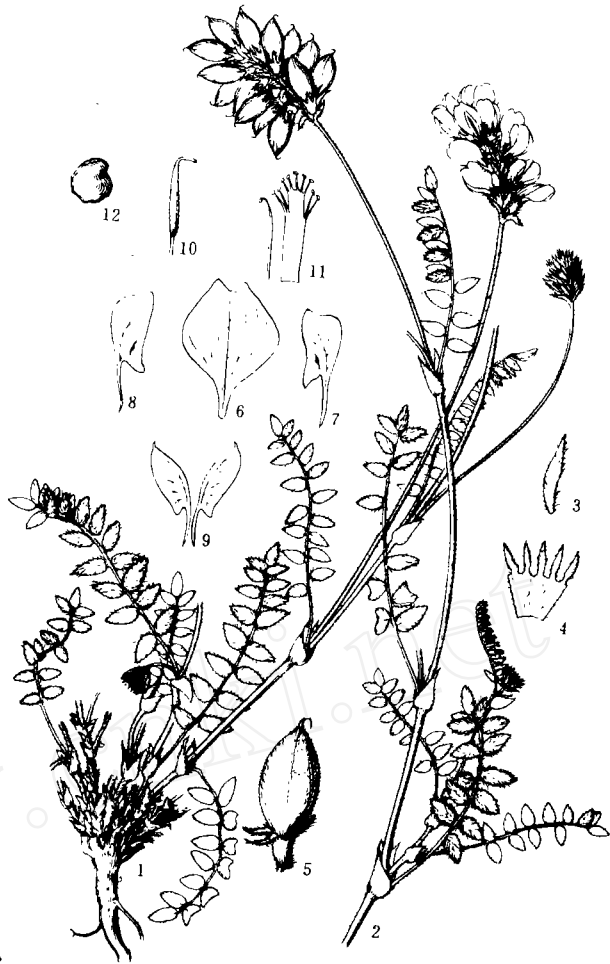


图1 青海棘豆 *Oxytropis qinghaiensis* Y. H. Wu

1. 开花植株×1; 2. 果枝×1; 3. 苞片×1; 4. 花萼×1;
5. 荚果×3; 6. 旗瓣×3; 7. 8. 翼瓣×3; 9. 龙骨瓣×3;
10. 子房×3; 11. 雄蕊×3; 12. 种子×6 (阎翠兰绘)

WP); Yushu Xian (玉树县), 3550 m alt., July 23, 1980, Z. D. Wei (魏振铎) 21725 (HNWP); Gonghe Xian (共和县), 3200 m alt., July 12, 1981, R. F. Huang (黄荣福) CG81—226 (HNWP); Tongde Xian (同德县), Hebei Xiang (河北乡), Saiqian (赛欠); Xiuma Xiang (秀麻乡), Jiangqun (江群), 3100—3800 m alt., July 27, Aug. 11, 14, 17 & 19, 1990, Y. H. Wu 5104, 6404, 6410, 6540, 6789, 6869, 6918, 7078 (HNWP); Henan Xian (河南县), Damitang (达米塘), 3600—3700 m alt., Aug. 30 & Sept. 6, 1990, Y. H. Wu 7450, 7526, 7575, 7583, & 7623 (HNWP); Menyuan Xian (门源县), Panpo (盘坡), 3200 m alt., July 19, 1991, Y. H. Wu 7643 (HNWP); Maqin Xian (玛沁县), 3850 m alt., July 27, 1993, H. B. G. 393 (HNWP); Gande Xian (甘德县), 4350 m alt., Aug. 9, 1993, H. B. G. 969 (HNWP); Dari Xian (达日县), 4300 m alt., Aug. 10, 1993, H. B. G. 1088, 1137 (HNWP).

多年生草本,高 15—40 cm。全株密被白色开展长柔毛,植株呈灰色。茎直立或铺散,密被毛。托叶三角状披针形,中部以上分离,中部以下合生,长 8—11 mm,先端渐尖,被毛;奇数羽状复叶长 5—12 cm;小叶 13—29 枚,卵形或卵状披针形,长 3—12 mm,宽 2—7 mm,顶端渐尖或钝,基部圆形,两面密被近伏贴的白色长柔毛。总状花序密集多花成头状,总梗长 6—16 cm,密被开展的白色长柔毛,紧接花序下部混杂密的黑色短柔毛;苞片线状披针形,长 4—7 mm,被毛;花萼筒状钟形,长 6—8 mm,宽 2—3 mm,密被黑色短柔毛并杂有较稀疏的白色开展长柔毛,萼齿披针形,长与萼筒相等或稍短;花冠紫红色或蓝紫色;旗瓣宽卵形,长约 12 mm,宽约 9 mm,顶端微凹,爪长 3—4 mm;翼瓣长约 10 mm,顶端微凹,爪长约 4—5 mm;龙骨瓣长约 9 mm,喙长约 0.8 mm,爪长约 4 mm;子房线形,密被伏贴的黑白相间的短柔毛。荚果硬膜质,长圆形,泡状膨胀,长 12—16 mm,宽 5—7 mm,被白色和黑色近开展的短柔毛。种子压扁,圆肾形,长约 1.5—2 mm,褐色。花期 6—8 月,果期 8—9 月。

本种与甘肃棘豆 *O. Kansuensis* Bunge 接近,但植物通体密被白色开展长柔毛,呈灰色;花冠紫红色或蓝紫色;荚果长 12—16 mm,宽 5—7 mm 可与之区别。本种与黑萼棘豆 *Oxytropis melanocalyx* Bunge 的区别在于植物具长茎,高 15—40 cm;通体密被白色开展长柔毛,植株呈灰色;小叶 13—29 枚,两面密被白色近贴伏的长柔毛,荚果长 12—16 mm,宽 5—7 mm。