

464. 陇县藁草 图版 100: 1—5

Carex paracuraica Wang et Y. L. Chang in Addenda. 529, 1999.

根状茎长，匍匐、粗壮。秆高 10—20 厘米，三棱形，粗糙，基部具无叶片的叶鞘，淡褐色。叶与秆近等长或短于秆，宽 3—5 毫米，平张，稀对折，边缘粗糙，先端渐尖。苞片鳞片状。小穗 6—20 个，雄雌顺序，卵形或长圆状卵形，长 5—7 毫米，宽 3—5 毫米；穗状花序长圆柱形，长 3—4.5 毫米。雌花鳞片宽卵形或近圆形，顶端圆形或钝，长 2—2.2 毫米，宽 1.5—1.8 毫米，膜质，淡锈色，边缘白色膜质，背面中脉 1 条。果囊长于鳞片，卵状披针形，平凸状，长 3—3.5 毫米，淡锈黄色，背面具多数细脉，腹面具 2—4 条脉，边缘具狭翅，中部以上粗糙，基部近圆形，具短柄，先端渐狭成长喙，喙口白色膜质，背面深裂至中部，裂缝锈色，边缘膜质，喙口具 2 齿。小坚果稍疏松地包于果囊中，椭圆形，平凸状，长约 1.5 毫米，基部具短柄，顶端近圆形，具小尖头；花柱基部不膨大，柱头 2 个。 花果期 5—6 月。

产陕西；生于谷地，海拔 1 900 米。模式标本采自陕西陇县。

465. 库地藁草 (植物分类学报)

Carex curaica Kunth, Enum. Pl. 2: 375, 1837; Kükenth. in Engl., Pflanzenr. Heft 38 (IV. 20): 124, 1909, pro parte; Egorova, Caric. URSS Subgen. Vignea Sp. 95, fig 9 (6), 10, 1966; 新疆植物检索表 1: 344, 1982.

根状茎粗壮，长而匍匐，木质。秆高 20—38 厘米，宽 2 毫米，三棱形，上部粗糙，基部具无叶片的叶鞘，褐色。叶短于秆，宽 3—3.5 毫米，平张，坚挺，边缘粗糙。苞片鳞片状。穗状花序长圆形或卵形，长 1.5—2 厘米，紧密；小穗多数，卵形，长 5—7 毫米，宽约 4 毫米，雄雌顺序。雄花鳞片长圆形，先端渐尖，具短尖，长 3 毫米，淡褐色，边缘白色膜质；雌花鳞片卵形，顶端急尖，长约 2.5 毫米，宽 1.5 毫米，锈色，边缘白色膜质，中脉明显。果囊长于鳞片，卵形或卵状披针形，平凸状，长 2.8—3.5 毫米，宽 1.2 毫米，厚纸质，淡黄色，两面具多条隆起的脉，边缘增厚，中部以上粗糙，无毛，基部近圆形，具短柄，先端急缩成喙，喙缘粗糙，喙锈色，喙口白色膜质，背面顶端深裂，腹面浅裂，具短 2 齿。小坚果紧包于果囊中，椭圆形或卵形，平凸状或扁三棱形，褐色，有的有花纹；花柱基部稍膨大，柱头 2 个。 花果期 7—8 月。

产新疆；生于河边浅水中或沼泽、林缘，海拔 1 900—2 460 米。分布俄罗斯（西伯利亚和中亚地区），蒙古北部。模式标本采自阿尔泰。

组 60. 烈味藁草组 Sect. 60. Foetidae Tuckerm. ex Kükenth. in Engl., Pflanzenr. Heft 38 (IV. 20): 114, 1909, pro parte——Sect. *Boerneria* V. Krecz. in Kom., Fl. URSS 3: 139, 1935 (descr. ross.) ex Egorova in Not. Syst. Pl. Vasc. 1965: 70, 1965, pro parte



图版 100 1—5. 陇县囊草 *Carex paracuraica* Wang et Y. L. Chang: 1. 植株, 2. 雌花鳞片, 3. 果囊背面, 4. 果囊腹面, 5. 小坚果; 6—9. 胶东囊草 *C. jiaodongensis* Y. M. Zhang et X. D. Chen: 6. 雌花鳞片, 7. 果囊背面, 8. 果囊腹面, 9. 小坚果。(李爱莉绘)

staminalis instructae, cylindricae, 2—4 cm longae, 4—5 mm latae, densiflorae, subsessiles. Squamae staminatae anguste oblongae, 5—6 mm longae, fulvae; squamae pistillatae oblongae vel ovato-lanceolatae, apice acuminatae, 3.5—4 mm longae, 0.8—1 mm latae, atro-purpureae. Utriculi squamis breviores, oblongi, ca. 3 mm longi, ca. 1.2 mm lati, atro-purpurei, inferne fulvi, breviter stipitati, apice in rostrum breve ca. 0.3 mm longum ore integro attenuati. Nux laxe inclusa, obovata, ca. 1.5 mm longa, ca. 1 mm lata, fulva. Stylus basi aequalis. Stigmata 2.

Xinjiang (新疆): Zhongqinghe (中清河), Zhonghaizi (中海子), in water near sea, alt. 2400 m. 1956-08-06, R. C. Ching (秦仁昌) 1379 (holotype, PE).

Sect. 49. Rarae C. B. Clarke

432. **Carex austro-occidentalis** Wang et Tang sp. nov.

Haec species *C. udae* Maxim. affinis, sed foliis capillis ca. 0.3 mm latis, utriculis maturis oblique patentibus differt.

Rhizoma elongatum tenue. Culmus laxae caespitosus, 10—25 cm altus, gracilis, mollis, anguli scaberuli, infra 1/4 foliatum instructus. Folia culmo breviora, capillia, ca. 0.3 mm lata, plana, laevia, mollia, basi vaginis pallidis fulvis. Spicula 1, terminalis, androgyna, ovata, 6—8 mm longa, pars staminata non evolutus molto brevior, 1-3-flora, pars pistillata longior quam staminata, 4-6-flora. Squamae staminatae, lanceolatae, ca. 2 mm longae, rubro-brunneae, 1-nervae; Squamae pistillatae elliptico-ovatae, apice acutae, ca. 2.5 mm longae, in medio viridi, utroque rubro-brunneae usque fulvo-brunneae. Utriculi oblongo-lanceolatae, maturis oblique patentibus, ca. 3.5 mm longae, membranacei, utrinque prominentes multinerves, basi rotundis, apice in rostrum ore breviter bidentatum attenuati. Nux laxe inclusa, ellipsoidea, trigona, ca. 2 mm. Stylus basi aequalis. persistens. Stigmata 3.

Sichuan (四川): Emei (峨眉), Huayanding, miao zuo (华严顶, 庙左), 1939-05-27, C. L. Sun (孔祥麟) 368 (holotype, PE).

Subgen. 3 Vigneae (P. Beauv. ex Lestib.) Kükenth.

Sect. 59 Holarrhenae (Doell) Pax

464. **Carex paracuraica** Wang et Y. L. Chang, in herb. sp. nov.

Species affinis *C. jiaodongensi* Y. M. Zhang et X. D. Chen, sed squamis pistillatis late ovatis vel subrotundis, apice obtusis, ca. 2 mm longis differt.

Rhizoma longe repens, validum. Culmus 10—20 cm, triqueter, scaber, basi vaginis

aphyllis fulvis obtectus. Folia culmum aequantia vel eis breviora, 3—5 mm lata, plana, margine scabra, apice acuminata. Bractee squamiformes. Spiculae 6—20, androgynae, ovatae vel oblongo-ovatae, 5—7 mm longae, 3—5 mm latae; Spica longe cylindrica, 3—4.5 mm longa. Squamae pistillatae late ovatae vel subrotundae, apice obtusae, 2—2.2 mm longae 1.5—1.8 mm latae, membranaceae, leviter ferrugineae, margine albohyalinae, dorso 1-nerviae. Utriculi squamas superantes, ovato-lanceolatae, palmo-convexae 3—3.5 mm longi, pallide ferrugineo-flavi, dorso multinervii, ventre 2-4-nervii, margine anguste alati supra medium scabri, basi subrotundi, breve stipitati, apice in rostrum longum ore albo-hyalino, oblique sectum, antice ad medium in fissum, margine membranaceam ferrugineum, fissum, bidentatum attenuati. Nux in uticulo laxè inclusa, ellipsoidea, plano-convexa, 1.5 mm longa, basi breve stipitata, apice rotunda mucronata. Stylus basi aequalis. Stigmata 2.

Shaanxi (陕西): Longxian (陇县), marshy plain in valley, alt. 1 900 m. 1931-06-2, T. P. Wang (王作宾) 4095 (holotype, PE).