

生,长圆形或倒卵形,长10—22毫米,宽4—9毫米;小穗3—12个,呈二列,密,最下一个小穗常远离,长椭圆形,长5—7毫米;鳞片近二行排列,长圆状卵形,顶端钝,膜质,长5毫米,背面有7条脉,中部不为龙骨状突起;下位刚毛6条,基部微卷曲,长于小坚果(不连花柱和柱头)1倍弱,有倒刺;花药长圆形,长2毫米;柱头2,与花柱等长。小坚果倒卵形,平凸状,褐色,长2毫米。 花果期7—8月间。

产于新疆;生长在河滩湿地,海拔2000米。欧洲、中亚亦有分布。

2. 华扁穗草 图版 XVI, 1—4

Blysmus sinocompressus Tang et Wang, sp. nov. — *Scirpus caricis* C. B. Clarke in Journ. Linn. Soc. Bot. XXXVI (1903) 248, non Retz. (1779) — *Scirpus compressus* Kükenth. in Fedde, Repert. Nov. Sp. Beih. XII (1922) 307, non Pers. (1805).

var. *sinocompressus*

多年生草本,有长的匍匐根状茎,黄色,光亮,有节,节上生根,长2—7厘米,直径2.5—3.5毫米,鳞片黑色;秆近于散生,扁三棱形,具槽,中部以下生叶,基部有褐色或紫褐色老叶鞘,高5—20(—26)厘米。叶平张,边略内卷并有疏而细的小齿,渐向顶端渐狭,顶端三棱形,短于秆,宽1—3.5毫米;叶舌很短,白色,膜质。苞片叶状,一般高出花序;小苞片呈鳞片状,膜质;穗状花序一个,顶生,长圆形或狭长圆形,长1.5—3厘米,宽6—11毫米;小穗3—10多个,排列成二列或近二列,密,最下部1至数个小穗通常远离;小穗卵披针形、卵形或长椭圆形,长5—7毫米,有2—9朵两性花;鳞片近二行排列,长卵圆形,顶端急尖,锈褐色,膜质,背部有3—5条脉,中脉呈龙骨状突起,绿色,长3.5—4.5毫米;下位刚毛3—6条,卷曲,高出于小坚果约两倍,有倒刺;雄蕊3,花药狭长圆形,顶端具短尖,长3毫米;柱头2,长于花柱约一倍。小坚果宽倒卵形,平凸状,深褐色,长2毫米。 花果期6—9月。

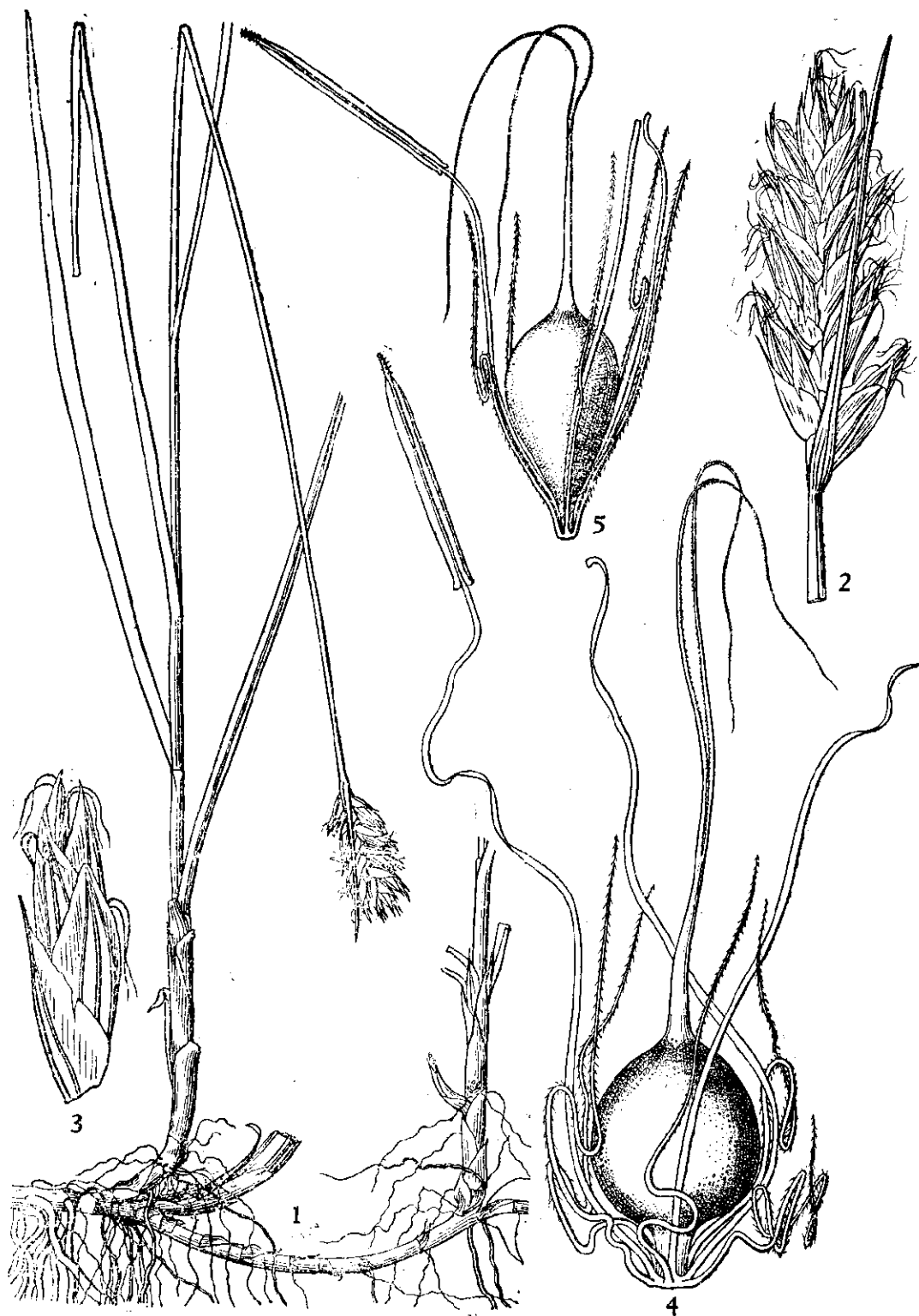
产于内蒙古、山西、河北、陕西、甘肃、青海、云南、四川、西藏;生长在山溪边、河床、沼泽地、草地等潮湿地区,海拔1000—4000米。此外,可能分布于喜马拉雅山西部以至东部地区。

节秆扁穗草(变种)

var. **nodosus** Tang et Wang, var. nov.

变种与模式种的区别,在于秆一般较粗,较高,高26—60厘米,有节,中部以上生叶。

产于山西、河北、内蒙古;生境同于模式种。



rubrobrunneae dorso 1—3-nerviae, nervus medius apice in apiculum productus marginibus laxius ciliatae. Setae hypogynae 4 nuce sesqui longiorae retroso-scabrae. Stamina 3. Stylus longus, stigmata 2 stylo breviora. Nux obovata vel late obovata plano-convexa apice subtruncata brevissime apiculata matura atrobrunnea.

Bei-jing (Peking), without precise locality, F. T. Wang, No. 20536, typus! 1929.

Scirpus × **intermedius** Tang et Wang, hybrid. nov.

Perennis. Radix fibrosa numerosa. Culmi caespitosi 50—75 cm longi 2—3 mm diam teretes laeves basi 2—3-vaginati, vaginae 1—1.5 cm longae ore oblique truncatae. Bractea culmum superans 10—18 cm longa laevis. Spiculae 3—10 in capitum pseudolateralem congestae ovatae vel oblongo-ovatae 6—14 mm longae 3—6 mm latae multiflorae. Squamae ovatae apice acutae 4 mm longae dorso luteo-vinidi 1—3-nerviae, costa media apice in apiculum producta lateribus brunneae atro-brunneo-striatae superne ciliatae. Setae hypogynae 5 nuce breviorae retroso-scabrae. Stamina 3, antherae lineares 2 mm longae. Stylus longus, stigmata 2 filiformia. Nux late obovata vel subglobosa plano-convexa circa 2.5 mm longa lutea vel luteo-brunnea leviter rugosa.

Yunnan: Dong-chuan Xiàn (Tungchuan Hsien), growing in the margin of the lake, alt. 2300 m. H. T. Tsai, No. 51973 B, typus! 2. IX. 1932.

3. **Blysmus** Panz.

2. **Blysmus sinocompressus** Tang et Wang, sp. nov.

Perennis. Rhizoma stoloniferum 2.5—3.5 diam, squamae nigrae. Culmi sparsi compresso-triquetri sulcati infra medium foliati basi vaginati, vaginae purpureo-brunneae 5—20 (—26) cm longae. Folia plana marginibus involuta et scabra apicem versus attenuata culmo breviora 1—3.5 mm lata, ligula perbrevis alba membranacea. Bractae usque inflorescentiam superantes, bracteolae membranaceae squamiformes. Spica terminalis oblonga vel anguste oblonga 1.5—3 cm longa 6—11 mm lata. Spiculae 3—10 vel ultra distichae densae inferiores usque remotae ovato-lanceolatae ovatae vel ellipticae 5—7 mm longae 2—9-florae. Squamae subdistichae ablongae apice acutae ferrugineae membranaceae dorso 3—5-nervosae, carina viridi, 3.5—4.5 mm longae. Setae hypogynae flexuosae nuce triplo longiorae retroso-scabrae. Stamina 3, antherae oblongae apice apiculatae 3 mm longae. Stigmata 2 stylo duplo longiora. Nux obovata plano-convexa atrobrunnea 2 mm longa.

Kansu: Min Xian, sandy flat, river bed, alt. 2500 m., T. P. Wang, No. 4967, typus! 9. VII. 1936.

Blysmus sinocompressus Tang et Wang var. **nodosus** Tang et Wang, var. nov.

A typo culmis robustioribus 26—60 cm altis nodosis supra medium foliatis differt.

Hopei: Lai-yuan Xian, bords des eaux des fossés, alt. 1540 m., K. M. Liou, No. 2858, typus! 14. VII. 1934.

Blysmus sinocompressus Tang et Wang var. **tenuifolius** Tang et Wang, var. nov.

A typo culmis tenuior 1 mm diam nodosis infra medium foliatis, foliis 1 mm latis differt.

Kansu: without precise locality.