

2.5 毫米。 花果期 8—9 月。

产于辽宁省(大连市)。朝鲜、日本也有。

25. 猪毛草 图版 XI, 8—11

Scirpus wallichii Nees in Wight, Contrib. Bot. Ind. (1834) 112; Ohwi, Cyper. Jap. II (1944) 113—*Scirpus sasaki* Hayata, Ic. Pl. Formos. VI (1916) 115.

丛生,无根状茎。秆细弱,高 10—40 厘米,平滑,基部具 2—3 个鞘,鞘管状,近于膜质,长 3—9 厘米,上端开口处为斜截形,口部边缘干膜质,顶端钝圆或具短尖。叶缺如。苞片 1 枚,为秆的延长,直立,顶端急尖,长 4.5—13 厘米,基部稍扩大;小穗单生或 2—3 个成簇,假侧生,长圆状卵形,顶端急尖,长 7—17 毫米,宽 3—6 毫米,淡绿色或淡棕绿色,具 10 多朵至多数花;鳞片长圆状卵形,顶端渐尖,近于革质,长 4—5.5 毫米,背面较宽部分为绿色,具一条中脉延伸出顶端呈短尖,两侧淡棕色、淡棕绿色或近于白色半透明,具深棕色短条纹;下位刚毛 4 条,长于小坚果,上部生有倒刺;雄蕊 3,花药长圆形,药隔稍突出;花柱中等长,柱头 2。小坚果宽椭圆形,平凸状,长约 2 毫米,黑褐色,有不明显的皱纹,稍具光泽。 花果期 9—11 月。

产于我国福建、江西、台湾、广东、广西、贵州、云南;多生长在稻田中,或溪边、河旁近水处,在云南生长在海拔 1000 米左右的地区。有时常和谷精草属 *Eriocaulon* 植物长在一起。分布于朝鲜、日本及印度。

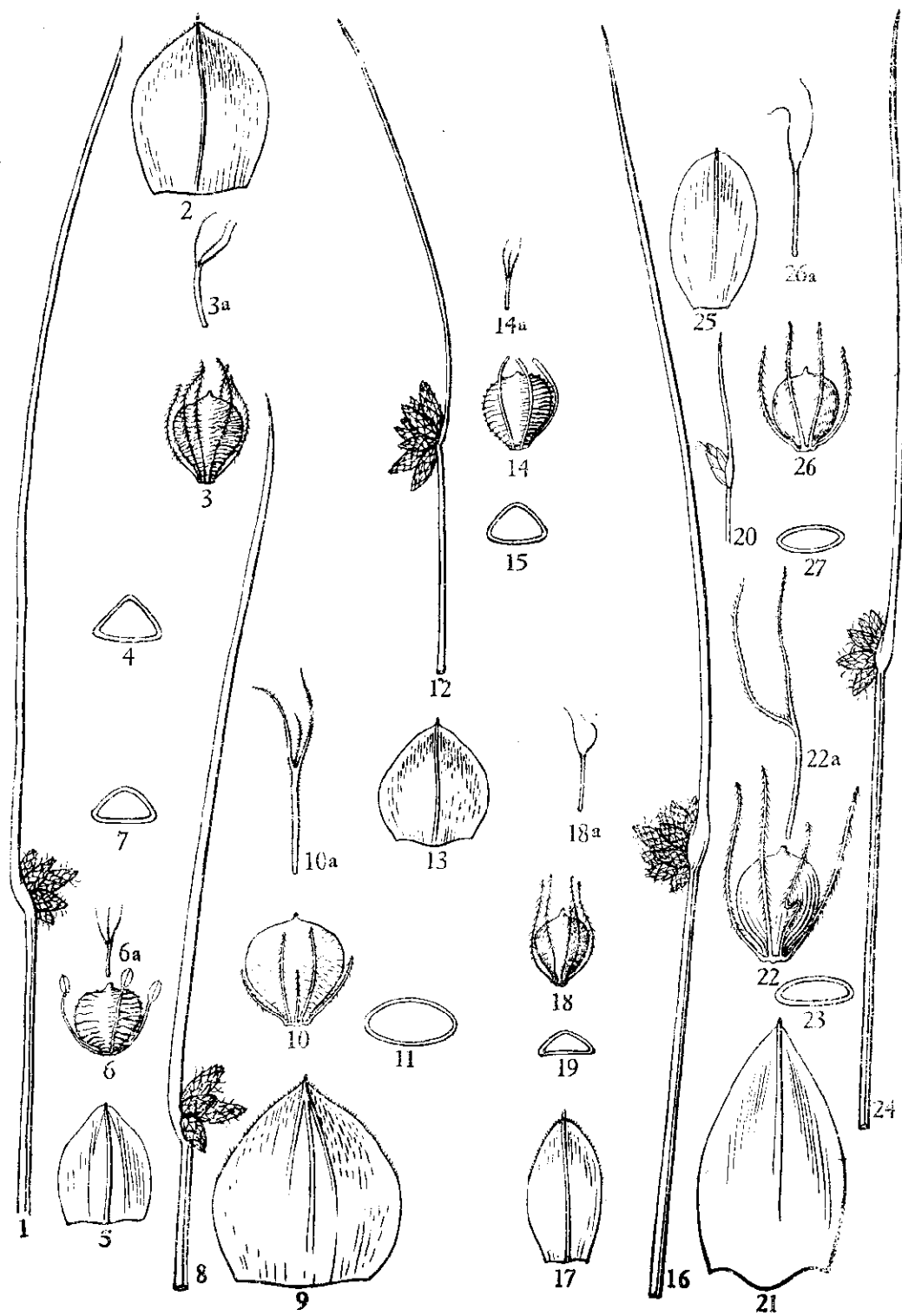
26. 荆門蘆草 图版 XII, 16—19

Scirpus jingmenensis Tang et Wang, sp. nov.

根状茎短。秆丛生,高 10—32 厘米,直径 2—3 毫米,圆柱状,平滑,具槽,基部具 2—3 个叶鞘;鞘长 1.5—9 厘米,顶端呈斜口,常从干膜质部分开裂,最上面一个叶鞘顶端常具叶片;叶片长 1—1.7 厘米,纤细。苞片 1 枚,近于圆柱状,长 13—18 厘米,有时较秆还长,基部两侧扩大,具膜质边缘;小穗 5—10 余个聚集成头状,假侧生,基部具鳞片状小苞片,小苞片长约 4—10 毫米,卵形或宽披针形,淡棕色;小穗无柄,长圆形或线状披针形,长 7—20 毫米,宽约 3 毫米,具多数花;鳞片长圆形,顶端钝圆,具短尖,膜质,长约 2 毫米,淡棕色,稍有褐色条纹,背面具 1 条脉,少有 3 条脉,具缘毛,在果实成熟时鳞片脱落;下位刚毛 4—6 条,较小坚果长约一倍,上生倒刺;雄蕊 1—2 个,花药短,椭圆形;花柱长,柱头 2,细长。小坚果倒卵形,平凸状,长约 1 毫米,黑褐色,表面有不很明显的皱纹,具光泽。 果期 9 月。

产于湖北省(荆门县后港)。

27. 吉林蘆草 图版 XII, 24—27



orbiculari-obovatis valde concavis differt.

Yunnan: Nàn-qiào, grassy places, alt. 1450 m., C. W. Wang, No. 75222 typus! VI. 1936; Fo-hai, pond-side, marshy place, alt. 1750 m., C. W. Wang, No. 77411, VII. 1936.

20c. **Scirpus triangulatus** Roxb. var. **tripteris** Tang et Wang, var. nov.

A typo culmis trialatis septato-nodosis, spiculis paucis lanccolatis, squamis margine superiore fusco-rubescents multinervulosis differt.

Taiwan: Mt. Taiheizan, leg. S. Suzuki, sine No. typus! 9. VIII. 1928.

20d. **Scirpus triangulatus** Roxb. var. **sanguineus** Tang et Wang, var. nov.

A typo spiculis ovatis vel late ovatis ad 7 mm longis, squamis atropurpureo-rubescens differt.

Yunnan: Salwin-Kiukiang Divide, in mountain swamp, alt. 3100 m., T. T. Yü, No. 20314, typus! 16. IX. 1938; Gong-shan Xiàn, leg. Teng, No. 8274, 8. X. 1940.

21. **Scirpus chuanus** Tang et Wang, sp. nov.

Perennis. Rhizoma breve repens. Culmi laxe caespitosi validi 66—76 cm alti triquetri conspicue sulcati laeves basi 2—3-vaginati, vaginae oblique truncatae margine membranaceae summa ad 25 cm longa, inferiores atrobrunneae septato-nodosae, superiores virides vel viridi-brunneae obscure foliatae. Bractea culmum continuans erecta vel erecto-patens 5—9 cm longa triquetra laevis. Spiculae sessiles plus 10 in capitum collectae pseudolaterales oblongae vel ellipticae 5—10 mm longae 3—5 mm latae multiflorae. Squamae ovatae concavae apice obtusae chartaceae margine membranaceae 2.5—3 mm longae dorso luteo-virides atrobrunneo-striatae multinervulosae costa media apice in apiculum producta. Setae hypogynae 6 circa 1/4—1/3 nucis aequantes laeves. Stamina 3, antherae anguste triangulares apice obtusae, connectivum leviter dilatato-productum. Stylus brevis, stigmata 3 filiformia. Nux late obovata triquetra 1.5—2 mm longa, matura nitida.

Kiangsu: Nanking, growing in water places, K. L. Chü, No. 341, typus! 17. VIII. 1931.

23. **Scirpus fohaiensis** Tang et Wang, sp. nov.

Perennis. Rhizoma breve estoloniferum. Radix fibrosa. Culmus sparsus 60—120 cm altus 8 mm diam teres laevis basi 3—4-vaginatus, vaginae brunneae vel viridi-luteae ore oblique truncatae cum apicem acutum vel obtusum interdum setosum sine distincte limbo. Bractea culmum continuans saepius deflexa teres apice attenuata 2.5—5 cm longa. Spiculae sessiles in capitum congestae ovatae vel oblongae 4—5 mm longae 3 mm latae atrobrunneae multiflorae. Squamae obovatae vel ellipticae apice acutae vel obtusae membranaceae 2—2.5 mm longae brunnescentes atrobrunneo-striatae dorso costa media leviter producta ciliata. Setae hypogynae 5—6 nucem aequantes vel eo leviter longiorae rectoso-scabrae. Stamina 3, antherae lineares, connectivum apice productum. Stylus longus, stigmata 2. Nux late obovata vel obovata plano-convexa circa 1.2 mm longa, matura nigra nitida.

Yunnan: Fohai, in pond, alt. 1550 m., C. W. Wang, No. 73863, typus! V. 1936.

26. **Scirpus jingmenensis** Tang et Wang, sp. nov.

Perennis. Rhizoma breve. Culmi caespitosi 10—32 cm alti 2—3 mm diam teretes laeves sulcati basi 2—3-vaginati, vaginae 1.5—9 cm longae apice oblique fissae, summa usque foliata. Folium 1—1.7 cm longum tenue. Bractea subteres 13—18 cm longa interdum culmo longiora basi dilatata et margine membranacea. Spiculae 5—10 vel

ultra in capitum pseudolateralem congestae sessiles oblongae vel lineari-lanceolatae 7—20 mm longae 3 mm latae multiflorae. Squamae oblongae apice obtusae et apiculatae membranaceae 2 mm longae brunnescenti-striatae dorso uni- raro trinerves ciliatae tempore fructifero deciduae. Setae hypogyneae 4—6 nuce duplo-longiorae retroso-scabrae. Stamina 1—2, antherae breves ellipticae. Stylus elongatus, stigmata 2 filiformia. Nux obovata plano-convexa 1 mm longa atro-brunnea facie transversim rugosa nitida.

Hupei: Jingmen Xiàn, H. Migo, sine No. typus! 27. IX. 1940.

28. **Scirpus chen-mouii** Tang et Wang, sp. nov.

Culmi caespitosi 10—30 cm alti 1.5 mm diam teretes laeves basi 2—4-vaginati, vaginae 1—10 cm longae virides vel brunnescentes ore oblique fissae apice obtusae margine membranaceae aphyllae raro brachyphyllae. Folia setosa ad 1 cm longa. Bractea culmum continuans erecta 10—20 cm longa subteres laevis basi subdilatata et membranacea. Spiculae 2—10 vel ultra in capitum pseudolateralem congestae oblongo-ovatae vel oblongae 5—10 mm longae 3 mm latae multiflorae. Squamae obovatae vel oblongae apice acutae membranaceae 2—2.5 mm longae dorso costa media viridi apice in apiculum producta lateribus luteis brunneo-striatae ciliatae. Setae hypogyneae 6 raro 5 retroso-scabrae nucem superantes. Stamina 3. antherae breves oblongae, connectivum apice breviter productum. Stylus mediocris, stigmata 3. Nux obovata vel late obovata triquetra 1—1.2 mm longa primo lutea demum nigra facie transversim rugosa.

Yunnan: Dali Xiàn (Tali), in field, alt. 1800 m., Chen mou, No. 2560, typus! 14. IX. 1934.

30b. **Scirpus supinus** Linn. var. **densicorrugatus** Tang et Wang, var. nov.

A typo culmis humilibus 4—10 cm altis teretibus, vaginis basilaribus ciliatis, spiculis sessilibus 2—3 in fasciculam pseudo-lateralem congestis generaliter minoribus 3—6 mm longis, nucis facie densius tenuisque rugosis differt.

Sinkiang: without precise locality, R. C. Ching, No. 786, typus! 7. IX. 1956.

31. **Scirpus neochinensis** Tang et Wang, sp. nov.

Annuus. Rhizoma absens. Culmi 2—10 cm alti subteres laeves basi 1—2-vaginati, vaginae brunneae summa foliata. Folia 5—15 mm longa. Bractea culmum continuans 3—12 mm longa inflorescentiam superans. Spiculae sessiles solitariae vel binatae ellipticae vel subrotundae squarrosae 1.5—4 mm longae multiflorae. Squamae ovatae apice caudato-attenuatae membranaceae 1 mm longae stramineae viridi-striatae conspicue trinerves, nervus medius viridis lateribus luteis. Setae hypogyneae absentes. Stamina 1—(2) filamentis brevibus, antherae ellipticae. Stylus brevissimus, stigmata 3. Nux angustice obovata triquetra ad 1 mm longa lutescens.

Kwangtung: Gwangzhou (Canton), waste land, 陈少卿, No. 8160, typus! 12. XI. 1952.

Scirpus × mariqueter Tang et Wang, hybrid. nov.

Perennis. Rhizoma stoloniferum. Radix fibrosa. Culmi 25—40 cm alti sparsi triquetri laeves. Folia usque 2 culmo breviora 2—3 mm longa subrigida, vaginae longae atrobrunneae. Bractae 2 una culmum continuans spicula multilongiora triquetra una minor spiculam aequans vel eo paullo longior plana basi dilatata. Spiculae pseudolaterales sessiles late ovatae 8—12 mm longae 5—7 mm latae multiflorae. Squamae ovatae 5—6 mm longae brunneae vel