

8. 百穗蘆草 图版 IV, 1—4

Scirpus ternatanus Reinw. ex Miq., Fl. Ind. Bat. III (1856) 307; Ohwi, Cyper. Jap. II (1944) 108——*Scirpus ternatensis* C. B. Clarke in Journ. Linn. Soc. Bot. XXXVI (1903) 254, partim et in Bull. Acad. Int. Geogr. Bot. XVI (1906) 61; Dunn et Tutch. Fl. Kwangt. & Hongk. (1912) 301——*Scirpus chinensis* Munro in Seem. Bot. Voy. Herald (1857) 428, non Osbeck; Benth. Fl. Hongk. (1861) 395.

秆粗壮,高 60—100 厘米,三棱形,有节,具秆生叶。叶坚硬,革质,扁平,常长于秆,宽 10—15 毫米,边缘稍粗糙,下部叶鞘黑紫色,稍有光泽。叶状苞片 5—6 枚,下面 3—4 枚长于花序;长侧枝聚繖花序复出或多次复出,具 5 至多数辐射枝;辐射枝粗壮,平滑,长可达 9 厘米;小穗无柄,4—6(—10) 个聚合为头状着生于辐射枝顶端,卵形、椭圆形或长圆形,顶端圆,长 3—8 毫米,宽约 2 毫米,具多数花;鳞片排列紧密,宽卵球形,顶端钝或近于圆形,膜质,长约 1 毫米,棕色,背面具一条中肋,淡棕色;下位刚毛 2—3 条,较小坚果稍长,直,中部以上有稀疏的顺刺;柱头 2。小坚果椭圆形,倒卵形或近于圆形,双凸状,长不及 1 毫米,淡黄色。花果期 7—8 月。

产于我国台湾;日本及其琉球群岛和小笠原群岛亦有分布。

9. 陈氏蘆草 图版 IV, 5—8

Scirpus chunianus Tang et Wang, sp. nov.*

秆粗壮,高 90—150 厘米,钝三棱形,近花序部分为锐三棱形,具秆生叶。叶扁平,坚挺,长于秆,宽 8—14 毫米,背面具微突起的横脉,背面中肋上和边缘均粗糙;叶鞘长 5—7.5 厘米。叶状苞片 7 枚,长于花序,边缘和中肋上均粗糙;长侧枝聚繖花序单一,顶生,复出,大而疏展,具多数辐射枝;辐射枝粗糙,第一次辐射枝粗壮,三棱形,长可达 9 厘米;小穗无柄,通常(2—)3—7 个聚集成头状着生于辐射枝顶端,椭圆形或长圆形,顶端钝或圆,长 4—6 毫米,宽 2—3 毫米,具许多花;鳞片三角状卵形,顶端钝圆,膜质,长约 1.5 毫米,棕色,具深棕色短条纹,5 条脉;下位刚毛 2—3 条,稍长于小坚果,直,白色,约 2/3 部分有稀疏的顺刺;柱头 2。小坚果宽椭圆形或近于圆形,双凸状,长约 1 毫米,具细小疣状突起,黄色。花果期 3—4 月。

产于海南岛(保亭县);生长在海拔约 300 米左右的山谷林中。

10. 百球蘆草 图版 IV, 9—13

Scirpus rosthornii Diels in Engl. Bot. Jahrb. XXIX (1901) 228; C. B. Clarke

* 本卷所有新种的拉丁文记载见附录内有关种的相应编号。



1. *Scirpus* Linn.

9. *Scirpus chunianus* Tang et Wang, sp. nov.

Perennis. Culmus validus 90—150 cm altus trigonus sub inflorescentiam triqueter foliatus. Folia plana rigida culmum superantia 8—14 mm lata subtus costa media margineque scabra, vagina 5—7.5 cm longa. Bractee foliaceae inflorescentiam superantes subtus costa media margineque scabrae. Anthela composita laxa multiradiata, radii primarii validi triquetri ad 9 cm longi. Spiculae sessiles usque (2-) 3—7 in capitatum collectae ellipticae vel oblongae apice obtusae vel rotundatae 4—6 mm longae 2—3 mm latae multiflorae. Squamae triangulari-ovatae apice obtusae membranaceae brunneae atrobrunneo-striatae 5-nerviae. Setae hypogynae 2—3 nucem paullo superantes rectae albae circa ad 2/3 laxae spinuli-scabrae. Stigmata 2. Nux late elliptica vel subrotunda biconvexa 1 mm longa lutea minute verruculosa.

Hainan: Bao-ting Xiàn, in wooded valley, alt. 300 m., 侯寬昭 72001 typus! 20. IV. 1935.

Sect. 4. *Filipes* Tang et Wang, sect. nov.

Rhizoma estoloniferum. Culmi caespitiosi. Folia radicalia et caulina. Bractea una. Anthela corymbosa pauciradiata multi-spiculata, rarissime 1—pauci-spiculata. Spiculae lanceolatae brunneae. Squamae chartaceae apice acutae vel obtusae inferiores steriles. Setae hypogynae 6 nucem paullo superantes. Stigmata 3. Nux triquetra apiculata.

11b. *Scirpus filipes* C. B. Clarke var. *paucispiculatus* Tang et Wang, var. nov.

A typo culmo brevior circa 25 cm. alto, bractea culmum continuante gracile triquetro, spiculis 1—2 sessilibus pseudolateralibus differt.

Fukien: Nànping Xiàn, on rocks, Y. Ling, No. 79, typus! 25. III. 1931.

16. *Scirpus trisetosus* Tang et Wang, sp. nov.

Perennis. Culmus 80—120 cm altus triqueter laevis basi vaginatus, vaginae efoliatae fusco-brunneae vel brunneae chartaceae distincte transversim venulosae. Bractea 1 culmum continuans usque inflorescentia brevior. Anthela simplex pseudo-lateralis 3—4-radiata, radii ad 4 cm longi 1—5-spiculata, spiculae oblongae vel teretes 10—23 cm longae circa 4 mm latae brunneae dense imbricatae. Squamae ellipticae apice subrotundatae membranaceae 4 mm longae luteo-brunneae inferne purpureo-brunneo-striatae dorso costa media viridi apice paullo producta margine erosae. Setae hypogynae 3 raro 2 vel 4 nucem paullo breviores retroso-scabrae. Stamina 3, filamenta plana, antherae lineariae; stylus elongatus, stigmata 3—2. Nux obovata plano-convexa 2.5—3 mm longa brunnea nitida.

Shantung: Qing-dao (Tsingtau), stream-side, alt. 200 m., C. Y. Chiao, No. 2992, typus! 20. VIII. 1930.

18b. *Scirpus validus* var. *laeviglumis* Tang et Wang, var. nov.

A typo squamis sine punctis ferrugineis, stigmatibus 3 differt.

Yunnan: Kai-yuan Xiàn, in rice-fields, 鍾补勤、匡可任, No. 136, typus! 23. IV. 1943.

20b. *Scirpus triangulatus* Roxb. var. *trialatus* Tang et Wang, var. nov.

A typo culmo elato valido, vaginis distincte transversim venulosis, spiculis multis in capitum collectis ovatis ovoideis vel subovatis 4—8 mm longis 3—4.5 mm latis, squamis