

brous on margins and alone costas, gradually narrowed into a very long apex; sheaths trigonous, densely overlapping, narrowly to broadly winged, scabrous on angles; contraligule dark brown, round to somewhat depressed, densely ciliate on margin. Inflorescence consisting of 3-5 dense compound panicles, 20-50 cm long; panicles single or binate, peduncles spreading, exserted, scabrous; lowest bracts slightly longer than inflorescence. Spikelets unisexual, single or in clusters of 2-3; pistillate spikelets ovoid, 3.5-4 mm long. Staminate spikes lanceolate, 3.5-4 mm long; stamens 3. Achene ovoid to broadly ovoid, terete, 2-3 mm long, white to slightly grayish, shining, smooth to scrobiculate, umbonulate, sparsely puberulent; hypogynium 3-lobed, thick, deltoid, obtuse or dentate at apex.

Southeastern Asia. Taiwan in forest and thickets in south.

Taitung: Lanyu Is., *T. A. Y. Yang et al. 11850, Leong 1939.*

7. *Scleria sumatrensis* Retz., Obs. 5: 19, pl. 2. 1789; Koyama, Fl. Taiwan 5: 195. 1978. 印尼珍珠茅

Perennial. Rhizome short creeping, woody. Culms rather robust, loosely tufted, erect to scrambling on bushes, 1-4 m tall, 6-8 mm thick, scabrous on angles. Leaves in middle part of culms clustered in pseudo-whorls of 3-5, rather many, 7-13 mm wide, herbaceous to slightly coriaceous, glabrous, scabrous on margins and alone costas, gradually narrowed into a very long apex; sheaths trigonous, densely overlapping, narrowly to broadly winged, scabrous on angles; contraligule dark brown, round to somewhat depressed, densely ciliate on margin. Inflorescence consisting of 2-4 dense compound panicles, 15-30 cm long; panicles single, forming pseudo-whorl, peduncles spreading, exserted, scabrous; lowest bracts slightly shorter to as long as inflorescence. Spikelets unisexual, reddish to purplish brown, single or in clusters of 2-3; pistillate spikelets broadly ovoid, 3.5-4 mm long. Staminate spikes lanceolate, 3.5-4 mm long. Achene globose to slightly depressed, terete, 2-2.25 mm long, dark grayish to olivaceous brown, shining, smooth to cancellate, umbonulate, sparsely puberulent; hypogynium cup-like, covering most part of achene, yellowish to reddish brown, slightly 3-lobed, obtuse or dentate at apex.

Sri Lanka, India, southern China, southeastern Asia, Australia and W. Caroline. In forest, thickets, grassy place, swamp and mangrove. In Taiwan, only one collection from the south part.

PINGTUNG: Bankingsing, *Faurie 5 (KYO; not seen).*

8. *Scleria terrestris* (L.) Fassett, Rhodora 26: 159. 1924; Koyama, Fl. Taiwan 5: 196, pl. 1318. 1978.

陸生珍珠茅 **Pl. 118, Photo 37**

Zizania terrestris L., Sp. Pl. 991. 1753.

Perennial. Rhizome short creeping, woody. Culms slender to rather robust, loosely tufted, erect to scrambling on bushes, 60-200 cm tall, 3-6 mm thick, glabrous to pubescent, scabrous on angles. Leaves rather many, 4-20 mm wide, herbaceous to slightly coriaceous, glabrous, scabrous on margins and alone costas, gradually narrowed into a very long apex; sheaths trigonous, narrowly to broadly winged, scabrous on angles; contraligule dark brown, round to somewhat depressed, ciliate to pubescent on margin. Inflorescence consisting of 2-4 compound panicles, 10-50 cm long; panicles single, peduncles ascending, scabrous, long-exserted to 20 cm long; lowest bracts slightly surpassing inflorescence. Spikelets unisexual or gynodioecious, purpurish to dark brown, single or in clusters of 2-3; pistillate spikelets broadly ovoid, 3.5-5 mm long. Staminate spikes lanceolate to oblong, 3-4 mm long. Achene globose to ovate, 2-3 mm in diam., terete to obtusely trigonous, white to slightly grayish, shining, smooth to cancellate, pubescent between lacunae; hypogynium shallowly 3-lobed, lobes appressed to achene, ovate to broadly ovate, obtuse or minutely dentate at apex.

Widely distributed in tropical and subtropical Asia, from India, Sri Lanka, China, Japan, southeastern Asia and Australia. Taiwan, in wet place alone forest margin and thickets at low altitude, common.

Taipei: Nankang, *Chuang 4659*; Chiayi: Chukou, *Kuoh 4505*; Pingtung: Nanjenshan, *Li 227.*

24. TORULINIUM Desv. 斷節莎屬