12. ***Bryum capillare*** Hedw. xi ye zhen xian

Sp. Musc. Frond. 182. 1801. *Hypnum capillare* (Hedw.) Web. & Mohr, Index Mus. Pl. Crypt. 3. 1803. Type: Europe.

Bryum capillare var. *courtoisii* (Broth. & Par.) Podp., Prace Morav.-Slez. Akad. Ved. Prir. 22: 462. 1950. *Bryum courtoisii* Broth. & Par., Rev. Bryol. 35: 41. 1908. Type: China. Ngan Hoei, *Courtois s.n*.

Bryum capillare var. *nagasakense* (Broth.) Ochi, J. Jap. Bot. 31: 364. 1956. *Bryum nagasakense* Broth., Hedwigia 38: 219. 1899.

Bryum capillare var. *obconicum* (Hornsch.) Husn., Muscol. Gall. 241. 1889, *hom. illeg*. *Bryum obconicum* Hornsch. *in* B.S.G., Bryol. Eur. 4: 129. 1839.

Bryum capillare var. *rubrolimbatum* (Broth.) Bartr., Philipp. J. Sci. 68: 142. 1939. *Bryum rubrolimbatum* Broth., Philipp. J. Sci. 5: 147. 1910.

Bryum spathulatulum C. Müll., Nuovo Giorn. Bot. Ital., n.s., 4: 248. 1897. Type: China. Shaanxi (Schen-si), March 1896, *Giraldi s.n*.

Bryum taitumense Card., Beih. Bot. Centralbl., Abt. 2, 19(2): 110. 1905.

Plants small, up to 10 mm high, deep green to blackish green, not particularly glossy, in tufts. *Stems* often branched by innovations, sometimes with gemmae on rhizoids, reddish brown, spherical, 110–200 µm in diameter. *Leaves* twisted or flexuous when dry, spreading when moist, lower leaves rounded-ovate to oblong-ovate, acute; costae percurrent; upper leaves obovate, oblong-ovate to ligulate, widest in the middle, ca. 1.4–3.0 mm long, shortly acuminate; margins plane or slightly recurved below, indistantly bordered by 1–2 rows of narrowed to linear, yellowish cells, serrulate above, not decurrent at bases; costae shortly to long-excurrent; upper and median leaf cells rhombic, oblong- to rounded-hexagonal, 45–70 µm × 15–22 µm, thin-walled; basal cells larger than the cells above, oblong-hexagonal to short-rectangular. *Dioicous*. *Setae* up to 25 mm long, twisted, reddish brown; capsules inclined to horizontal, narrowly elongate-ovoid or club-shaped, reddish brown; neck distinct, shorter than urn, shrunk when dry; opercula shortly apiculate; exostome teeth yellowish brown below; endostome segments widely perforate; basal membrane ca. 2/3 the height of teeth; cilia 2–4, nearly as long as the segments. *Spores* 10–16 µm in diameter.