35. ***Sphagnum recurvum*** P. de Beauv. hui-ye ni-tan xian

Prodr. Aethéog. 88. 1805. Type. U.S.A.: South Carolina.

Sphagnum recurvum ssp. *amblyphyllum* Russ., Sitzungsber. Naturf.-Ges. Dorpat 9: 99. 1890.

Sphagnum recurvum var. *amblyphyllum* (Russ.) Warnst., Bot. Gaz. 15: 219. 1890.

Sphagnum amblyphyllum (Russ.) Zick., Bull. Soc. Nat. Mosc., II, 14: 278. 1900.

Sphagnum amblyphyllum (Russ.) Warnst., Sphagn. Univ. 212. 1911, *hom. illeg.*

Sphagnum flexuosum Dozy & Molk., Prodr. Fl. Bat. 2(1): 76. 1851.

Sphagnum flexuosum var. *recurvum* Dozy & Molk., Prodr. Fl. Bat. 2(1): 77. 1851.

Plants rather large, slender, to 20 cm high, bright green to yellowish green or sometimes brown, in loose tufts. *Stem cortex* in 2–4 layers, indistinct, hyaline cells thick-walled, without fibrils and pores; central cylinder not much differentiated from cortical layers, green or yellowish green. *Stem leaves* 0.5–1.0 mm × 0.5–1.0 mm, nearly equilateral-triangular, with abruptly pointed apex or strongly lacerate across the apex; borders narrow above, gradually widened below the middle; hyaline cells undivided, mostly without fibrils and pores. *Branches* in fascicles of 3–5, with 1–2 spreading. *Branch leaves* 0.8–3.0 mm × 0.3–1.0 mm, ovate-lanceolate to lanceolate, strongly concave and cucullate near the apex, often cucullate-recurved in the apex when dry; borders narrow; hyaline cells with rather large, rounded, unringed pores at the corners on the ventral surface, with a few small pores at the corners or along commissural rows, often becoming larger near the base on the dorsal surface; green cells in cross section isosceles-triangular, exposed on the dorsal surface, enclosed by hyaline cells on the ventral surface. *Dioicous*; antheridial branches brownish orange; perigonial leaves oblong-elliptic with a broad base and an apiculate apex. *Perichaetial leaves* large, broadly ovate, abruptly sharp pointed at the apex, borders wide, almost consisting of all green cells near the base. *Spores* yellowish, smooth or papillose, ca. 25 μm in diameter.