1. ***Sanionia uncinata*** (Hedw.) Loeske san yang xian

Hedwigia 46: 309. 1907. *Drepanocladus uncinatus* (Hedw.) Warnst., Beih. Bot. Centralbl. 13: 417. 1903. *Hypnum uncinatum* Hedw., Sp. Musc. Frond. 289. 1801. Type: Europe.

*Drepanocladus uncinatus* fo. *auriculatus* Mönk., Laubm. Eur. 788. 1927.

*Drepanocladus uncinatus* fo. *longicuspis* Smirnova, Not. Syst. Cryptog. Inst. Bot. Kom. Act. Sci. URSS 9: 197. 1953.

*Drepanocladus uncinatus* fo. *plumulosus* Mönk., Laubm. Eur. 788. 1927.

*Hypnum filicalyx* (Müll. Hal.) Paris, Index Bryol. Suppl. 200. 1900, *nom. illeg*. *Drepanocladus filicalyx* Müll. Hal., Nuovo Giorn. Bot. Ital., n.s., 3: 123. 1896, *nom. illeg*. Type: China. Shaanxi (Schen-si) Kuan-tou-san, *Giraldi 885* (lectotype F, isotype NY).

*Hypnum sinensi-uncinatum* Paris, Index Bryol. Suppl. 212. 1900. *Drepanocladus sinensi-uncinatus* Müll. Hal., Nuovo Giorn. Bot. Ital., n.s., 3: 123. 1896, *nom. illeg*. Types: China. Shaanxi, Thae-pei-san, *Giraldi 996*, *991*, *992* (syntypes F).

*Plants* medium-sized to rather large, green or yellowish green, glossy, in densely or loosely caespitose mats. *Stems* prostrate or ascending, to 5–10 cm long, loosely subpinnately or irregularly branched, branchlets arcuate; stem oval in cross section; cortical cells small, quadrate or hexagonal; epidermal cells small, thick-walled, in 3–4 layers, distinctly hyaline; central strand weakly differentiated; pseudoparaphyllia large, numerous, foliose. *Stem* and *branch leaves* similar, falcate-secund, narrowly elongate-lanceolate, 3.5–5.0 mm × ca. 0.6 mm, plicate, gradually narrowed to a long acumen, involute to somewhat tubular; margins serrulate at upper part of leaf; costae slender, reaching 1/2 the leaf length or above, 40–80 mm wide at base; median leaf cells elongate-rhomboidal to linear, ca. 8–15 times as long as wide; basal cells broad, rectangular, thick-walled, porose; alar cells few, usually inflated, hyaline, thin-walled. *Autoicous*. *Inner perichaetial leaves* elongate-lanceolate, ca. 6.0 mm × 0.8–1.0 mm, plicate; costae single, slender. *Setae* 20–30 mm long, reddish brown; capsules erect, cylindrical, arching curved, variable in sizes to 1.5–3.0 mm long; annuli differentiated, in 2–3 rows; endostome segments carinate, hyaline, smooth at base, papillose above; cilia 1–2(–3), short, or as long as the segments, often nodulose. *Spores* 12–18 mm in diameter, papillose.