

5. *Hypnum densirameum* Ando mi zhi hui xian

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*Plants* soft, slender, brownish green, in dense mats. *Stems* prostrate, up to 10 cm long, radiculose; in stem cross section epidermal cells not hyaline and inflated, outer cortical cells 4–6 layers, dark brown, medullar cells large, hyaline, central strand well developed; densely pinnately branched, flattened, branches 3–5 cm long; pseudoparaphyllia lanceolate. *Stem leaves* falcate-secund, triangular-lanceolate to oblong ovate-lanceolate, 1.6–2.0 mm × 0.55–0.72 mm, slenderly acuminate at apex; margins recurved near the leaf bases, entire, except serrulate near the apex; costae double, distinct; median leaf cells very linear, 50–70 μm × 2–3 μm, thick-walled; basal cells thick-walled, brownish, porose; alar cells lax, hyaline, small, subquadrate, with 3–5 rows of cells at margins; branch leaves smaller, 1.3–1.7 mm × 0.3–0.4 mm, narrowly lanceolate, falcate-secund or circinate, alar cells distinctly differentiated. *Autoicous*. *Inner perichaetial leaves* lanceolate, plicate, slenderly acuminate ending with a filiform, serrulate apex; costae double, distinct. *Setae* 3.5–4.0 cm long, smooth, pale brownish, twisted when dry; capsules horizontal, ellipsoidal, arcuate, 1.5–2.0 mm long, pale green to pale brown, wrinkled when dry; opercula conic, bluntly apiculate, mammillose-rostrate; annuli developed, in 2–3 rows; peristome typically hypnoid, with 2–3 cilia. *Calyptrae* not seen. *Spores* 14–17 μm in diameter, very minutely roughened.