

5. ***Polytrichastrum ohioense*** (Ren. & Card.) G. L. Smith duo xing ni jin fa xian

Mem. New York Bot. Gard. 21(3): 35. 1971. *Polytrichum ohioense* Ren. & Card., Rev. Bryol. 12: 11. 1885. Type: U.S.A. Ohio, Provost s.n.

Polytrichum decipiens Limpr., Laubm. Deutschl. 2: 618. 1893.

Plants medium-sized, usually 3–4(–6) cm high. *Stems* simple. *Leaves* erect when dry, erect-patent when moist, upper leaves narrowly lanceolate from a sheathing base; ventral lamellae ca. 35 rows, 4–5 cells high, apical cells of lamellae truncate, slightly larger than the lower cells, rather thin-walled; leaf margins sharply toothed; costa broad; median leaf cells nearly hexagonal, rather thick-walled. *Dioicous*. *Setae* 3–5 cm long; capsules inclined, 4–5 obtusely keeled, apophyses small, slightly constricted between urns and apophyses; opercula long beaked; peristome teeth 64. *Calyptrae* cucullate, densely covered with cilia. *Spores* spherical, 8–10 μm in diameter, verrucose.