

**Fissidens hollianus** Dozy & Molk., *Bryol. Javan.* 1: 4, tab. 4 (1855)

T: Java, [Indonesia], *Dr Holle 13*; holo: L.

Illustration : Z.Iwatsuki & T.Suzuki, *J. Hattori Bot. Lab.* 51: 466, pl. 20 (1982).

Autoicous. Leaves  $\pm$ uniformly lanceolate, occasionally slightly falcate, 1.1–1.5 mm long, 0.3–0.4 mm wide, acute to broadly acute, apiculate. Costa percurrent to barely excurrent. Vaginant laminae to  $\pm$ mid-leaf, unequal; limbidium to  $\frac{3}{4}$  up the vaginant laminae; cells prosenchymatous except occasionally short in the outer row, hyaline,  $\pm$ rectangular. Dorsal lamina broadly truncate at the base, occasionally failing above the insertion. Cells pellucid; papillae 3–6, small, mostly near cell corners.

Inflorescence as in *F. ceylonensis* (*q.v.*). Seta short and scabrous with pustulose cells.

Uncommon in north-eastern Qld. Also in Christmas Island, Malesia (including New Guinea), the Philippines, China, Japan, New Caledonia, Vanuatu and Fiji.

Qld: Blue Walk, Cairns Botanic Gardens, *I.G.Stone 15320 p.p.* (MEL).

This species differs from *F. ceylonensis* Dozy & Molk. in having shorter vaginant laminae, longer leaves and pustulose setae.