

Fissidens strictus Hook.f. & Wilson, *Fl. Tasman.* 2: 167 (1859)

T: York Town Rivulet, Tas., *R.Gunn 1610*; holo: BM; iso: HO.

Illustrations: I.G.Stone, *op. cit.* 247, fig. 1r, s; J.Beever, B.Malcolm & N.Malcolm, *The Moss Genus Fissidens in New Zealand[?] an illustrated key* 60 (2002).

Autoicous. Plants rigid, erect, blackish green, 10–20 mm tall. Leaves erectopatent when wet or dry, imbricate, linear, acute; upper leaves c. 2 mm long. Costa yellow or reddish, rather strong, subpercurrent. Margin minutely crenulate near the apex. Laminal cells \pm round, irregular, markedly thick-walled, 12–14 μm diam., smooth or slightly convex, bistratose to multistratose in the dorsal and apical laminae, except for a broad unistratose border; cells in the marginal row 6–8 μm diam.

Setae short, terminal on an axillary branch. Capsules small, obconical. Peristome teeth 50–70 μm or 60–90 μm wide at the base; ornamentation similar to *zippelianus*-type, with trabeculae in lower part of the teeth double and forked, with oblique riblets distally and \pm strongly papillose.

Occurs in southern Vic. and Tas. Also in northern New Zealand and the Auckland Islands, and recently reported from Nepal (Pradhan & Joshi, 2006).

Vic.: Masons Falls, Kinglake Natl Park, *I.G.Stone 7547* (AD, MEL). Tas.: Hartz Mtns, 17 Feb. 1985, *J.E.Beever* (HO); Arve Valley, *I.G.Stone 25300* (MEL).