**Fusicladium peltigericola** Crous & Diederich, **sp. nov.**

Conidiophora solitary, erecta, subcyllindrica, recta vel geniculata-sinuosa, non ramosa, 1–4(–7)-septata. 10–40(–90) × 3–4 μm, brunnea, laevia. Cellulae conidiogenae terminales, brunnea, laeva, sympodialiter proliferantes, subcyllindrica, 10–30 × 3–4 μm; cicatrices conidiales applanatae, inconspicuae vel leniter fuscatae, sed non refractae et non incrassatae, 2–2.5 μm diam. Ramoconidiae in 1–3 seriebus, subcyllindrica, in medio uniseptata, (27–)33–40(–65) × 4(–5) μm; conidia intercalaria et terminalia, subcyllindrica, mediobrunnea, subtilis verruculosa, 0–1-euseptata, (18–)25–33(–40) × (3.5–)4(–5) μm.

**Etymology.** Named after the lichen host from which it was collected, *Peltigera rufescens*.

**Mycelium** consisting of smooth, branched, septate, brown, 2–3 μm diam hyphae. Conidiophores solitary, erect, subcyllindrical, straight to geniculatus-sinuosa, unbranched, 1–4(–7)-septata, 10–40(–90) × 3–4 μm, brown, smooth. Conidiogenous cells terminal, brown, smooth, proliferating sympodially, subcyllindrical, rarely straight, mostly geniculatus-sinuosa, 10–30 × 3–4 μm; scars flattened, inconspicuous to somewhat darkened, but not refractive, not appearing thickened, 2–2.5 μm wide. Ramoconidiae in 1–3 series, subcyllindrica, medianly 1-euseptate, relatively thick-walled, medianly 2–3 μm wide, basal hilum flattened, somewhat darkened, 2–4 μm wide, with one to several sympodial, apical loci; frequently with lateral branch up to 10 μm long, 3–4 μm wide, (27–)33–40(–65) × 4(–5) μm; older ramoconidia at times developing up to 3 septa; intercalary and terminal conidia subcyllindrica, medium brown, finely verruculose, apex obtusely rounded or flattened, proliferating in sympodial fashion to form short chains of conidia, 0–1-euseptate; septum mostly in upper third of conidium, (18–)25–33(–40) × (3.5–)4(–5) μm; hila flattened, 2–2.5 μm wide, somewhat darkened, not thickened.

Culture characteristics — (in the dark, 25 °C): Colonies on oatmeal agar spreading, with moderate aerial mycelium; surface smooth, fuscous-black, margin lobate, smooth; reaching 15 mm diam after 1 mo. Colonies on cornmeal agar erumpent, spreading with dense, moderate aerial mycelium and lobate, smooth to feathery margins; colonies reaching 15 mm diam after 1 mo; surface olivaceous-grey to fuscous-black.

**Typus.** **LUXEMBOURG, Lamadelaine, in a disused quarry, on terricolous *Peltigera rufescens*, over galls induced by *Hawksworthiana peltigericola*, May 2008, P. Diederich, CBS-H 20487 holotype, culture ex-type CPC 15252 = CBS 128206, ITS sequence GenBank HQ599579, MycoBank MB517532.

Notes — The genus *Fusicladium* is recognised as anamorph of *Venturia* 

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Colour illustrations. *Peltigera rufescens; conidiophores with conidigenous cells giving rise to conidia*. Scale bars = 10 μm.