Bagadiella victoriae Crous, I.J. Porter & Jacq. Edwards, sp. nov.

Bagadiellae lunatae similis, sed conidiis majoribus, (15–)17–22(–25) × (1–)1.5 µm, discernitur.

Etymology. Named after the state of Victoria, Australia, where this fungus was collected.

On potato-dextrose agar. Conidiophores aggregated in brown fascicles on leaves. In culture on potato-dextrose agar, sporulating on conidiophores that occur solitary on hyphae. Mycelium consisting of medium brown, smooth, septate, 2–2.5 µm diam hyphae. Conidiophores subcylindrical, brown, smooth, straight to gently curved, 1–3-septate, 30–50 × 2–3 µm. Conidiogenous cells terminal, integrated, pale to medium brown, smooth, 10–15 × 1.5–2 µm; apex with flared collarette, 1–2 × 2–3 µm. Conidia hyaline, smooth, curved, with bluntly rounded apex and truncate base, (15–)17–22(–25) × (1–)1.5 µm.

Culture characteristics — (in the dark, 25 °C, after 1 mo): Colonies spreading, flat, with sparse aerial mycelium, and submerged, feathery margin, reaching 40–60 mm diam; on potato-dextrose agar, surface olivaceous grey with patches of pale olivaceous grey and smoke-grey, reverse iron-grey with patches of smoke-grey; on oatmeal agar surface umber in inner region, with patches of chestnut; on malt extract agar surface ochreous to dirty white, reverse umber.

Notes — Based on a megablast search of NCBI's GenBank nucleotide database, the closest hits using the ITS sequence are Bagadiella sp. CPC 16622 (GQ303270; Identities = 711/713 (99 %), Gaps = 0/713 (0 %)) and Bagadiella lunata (GQ303269; Identities = 702/714 (98 %), Gaps = 5/714 (1 %)) (Cheewangkoon et al. 2009). These associations were also supported by the LSU sequence.

Typus. AUSTRALIA, Victoria, Main Ridge, 244 Shands Road, Sunny Ridge Strawberry Farm, S 38°24’3.1” E 144°59’36.9” on leaves of Eucalyptus sp., 12 Oct. 2009, P.W. Crous, I.J. Porter & J. Edwards, holotype CBS H-20582, cultures ex-type CPC 17688 = CBS 129522, ITS sequence GenBank JF951141 and LSU sequence GenBank JF951161, MycoBank MB560165.

Colour illustrations. Eucalyptus trees at Sunny Ridge Strawberry Farm, Melbourne; conidiogenous cells and conidia. Scale bar = 10 µm.