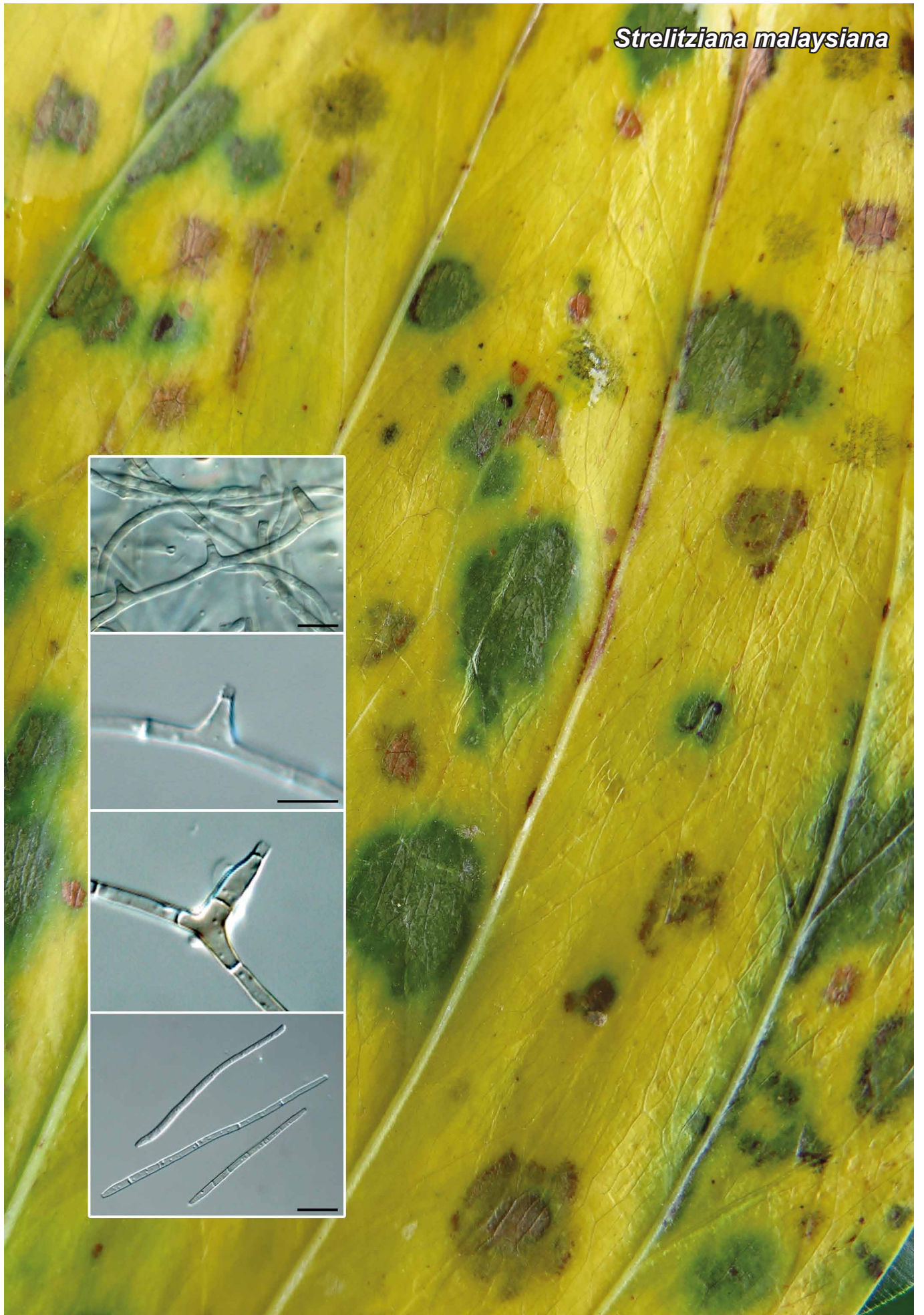


*Strelitziana malaysiana*



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## *Strelitziana malaysiana* Crous & M.J. Wingf., *sp. nov.*

*Etymology.* Name reflects the name of the country, Malaysia, from which the species was collected.

*Classification* — *Incertae sedis*, *Chaetothyriales*, *Eurotiomycetes*.

Description of colonies sporulating on OA. *Mycelium* consisting of pale brown, septate, branched, smooth, 2–3 µm diam hyphae. *Conidiophores* reduced to conidiogenous cells, or with one supporting cell. *Conidiogenous cells* integrated, intercalary on hyphae, phialidic with small collarette (flaring or not), 1–2 µm high, 2 µm wide. *Conidia* pale brown, smooth, obclavate, apex subobtuse, base obconically truncate, 5–11-septate, (45–)75–90(–160) × (2–)2.5(–3) µm, apex frequently with mucoid cap, and conidia forming lateral branches in older cultures (onset of microcyclic conidiation); base with or without marginal frill.

*Culture characteristics* — Colonies spreading, with moderate aerial mycelium, and smooth, lobed margins, reaching 40 mm diam after 1 mo at 25 °C. On PDA surface olivaceous grey, reverse iron grey. On OA surface iron grey. On MEA surface olivaceous grey, reverse iron grey.

*Typus.* MALAYSIA, Sabah, from leaf spots on *Acacia mangium* (*Leguminosae*), May 2014, *M.J. Wingfield* (holotype CBS H-22231, culture ex-type CPC 24874 = CBS 139902; ITS sequence GenBank KR476731, LSU sequence GenBank KR476766, MycoBank MB812442).

*Notes* — The genus *Strelitziana* (*Chaetothyriales*) was established for hyphomycetes that have pale brown scolecosporous conidia, forming on superficial mycelium and conidiophores via a separating cell, leaving a marginal frill that is clearly visible on the conidial hilum (Crous et al. 2013a). The genus presently includes six species, i.e. *S. africana*, *S. australiensis*, *S. cliviae*, *S. eucalypti* and *S. mali* (Arzanlou & Crous 2006, Cheewangkoon et al. 2009, Zhang et al. 2009, Crous et al. 2010a, b, 2012a). *Strelitziana malaysiana* can be distinguished from these taxa based on its distinct conidial morphology.

*Colour illustrations.* Symptomatic leaf of *Acacia mangium*; conidiogenous cells and conidia. Scale bars = 10 µm.

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