Index Fungorum no. 488

Effectively published 22/07/2021 20:40:00 (ISSN 2049-2375)

Nomenclatural novelties: P.L. Vines & M. Tomaso-Peterson

Candidacolonium cynodontis P.L. Vines & M. Tomaso-Peterson, gen. et sp. nov.

IF550879 (genus)

IF550880 (species)

Holotype BPI 893105

Colonies on PDA reaching 3.6 cm after 7 d in dark at 25C; bright white at 7 d maturity and pale to dark grayish buff at 14 to 21 d maturity; reverse pigmented pale to dark grayish buff; colonies on CMA reaching 3.7 cm after 7 d in dark at 25C. Mycelium consisting of septate, branched, smooth, hyaline to brown 2.5-3.8  $\mu$ m wide hyphae. Conidiophores differentiated, verticillate. Conidiogenous cells phialidic, intercalary or terminal, grouped or solitary, cylindrical, lageniform, curved or straight, hyaline to pale brown,  $4.5-22.5 \times 1.0-2.5 \mu$ m, cylindrical to funnel-shaped collarette  $1.0-2.5 \mu$ m wide. Conidia fusiform, lunate, or allantoid, hyaline,  $8.5-15 \times 1.0-2.0 \mu$ m. Hyphae forming hyaline to brown stigmatopods,  $5.0-11.5 \times 5.0-7.5 \mu$ m, giving rise to brown to olivaceous brown, mitten-shaped hyphopodia  $10.0-15 \times 7.5-12.5 \mu$ m.

Notes: United States, Texas: Houston, 21 Jun. 2012, on roots of Cynodon dactylon × C. transvaalensis, isolates HP24-3 and HP38-4. For additional information see: Compendium of Turfgrass Diseases (4th edn), 2021 (in press).