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Nomenclatural novelties : Andrew M. Minnis & Daniel L. Lindner

Pseudogeomyces hebridensis (Apinis) Minnis & D.L. Lindner, comb. nov.

IF 901022

Basionym: *Arachnotus hebridensis* Apinis, Mycol. Pap. 96: 41 (1964).

Notes: Combination based on ITS region (GenBank OR471616) and LSU (GenBank OR471617) DNA sequences obtained from the culture, CBS 360.66, deposited by A.E. Apinis and labeled in the culture collection as the 'isotype' of the basionym. This culture is linked to the holotype of the basionym (IMI 102467).

Pseudogymnoascus hyalinus (Dasz.) Minnis & D.L. Lindner, comb. nov.

IF 901023

Basionym: *Ciliciopodium hyalinum* Dasz., Bull. Soc. bot. Genève, 2 sér. 4: 301 (1912).

Notes: Combination based on ITS region (GenBank OR475795) and TEF1 (GenBank OR473058) DNA sequences obtained from the culture, CBS 106.13, deposited by W. Daszewska and labeled in the culture collection as the 'type' of the basionym.

Pseudogymnoascus rhouiogongylinus (Wener & Cain) Minnis & D.L. Lindner, comb. nov.

IF 901028

Basionym: *Gymnoascus rhouiogongylinus* Wener & Cain, Can. J. Bot. 48(2): 325 (1970).

Xerogeomyces Minnis & D.L. Lindner, gen. nov.

IF 901107

Type species: *Xerogeomyces pulvereus* (A.D. Hocking & Pitt) Minnis & D.L. Lindner 2023

For a morphological description of the genus, see the description of *Geomyces pulvereus* A.D. Hocking & Pitt, Mycologia 80(1): 82 (1988).

Notes: *Xerogeomyces* resembles *Geomyces* and allies including *Pseudogymnoascus*, but it differs in being xerophilic. ITS region DNA sequence data from the ex-holotype of *Geomyces pulvereus* (CBS 315.87, GenBank OR520910) also distinguish *Xerogeomyces* from *Geomyces*, *Pseudogymnoascus*, and close relatives. Analysis of these data using GenBank BLAST places *Xerogeomyces* among the Onygenales with the closest matches among named genera including *Dactylodendron* (92.58% identity with the type species, *Dactylodendron pinicola*, CBS 653.89, GenBank MH862194), *Emmonsiiellopsis* (91.52% identity with the type species, *Emmonsiiellopsis terrestris*, UAMH 2304, GenBank NR_153965), and *Sigleria* (88.64% identity with the type species, *Sigleria carmichaelii*, CBS 138264, GenBank KP119626).

Xerogeomyces pulvereus (A.D. Hocking & Pitt) Minnis & D.L. Lindner, comb. nov.

IF 901108

Basionym: *Geomyces pulvereus* A.D. Hocking & Pitt, Mycologia 80(1): 82 (1988).