

Ultrastructure of conidia of *Paecilomyces fumoso-roseus* (Wize) Brown et Smith isolated from *Zoothermopsis* sp.

Ultrastruktura konidií houby *Paecilomyces fumoso-roseus* (Wize) Brown et Smith izolované ze *Zoothermopsis* sp.

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In the present paper, the isolation of the fungus *Paecilomyces fumoso-roseus* (Wize) Brown et Smith (Brown et Smith 1957) from *Zoothermopsis* sp. is described, which is the first isolation of this fungus from termites. The surface structures of hyphae, phialides and conidia were observed in the scanning electron microscope, the conidia and their chains were examined as surface replicas in the transmission electron microscope.

V této studii je popsána izolace houby *Paecilomyces fumoso-roseus* (Wize) Brown et Smith (Brown et Smith, 1957) poprvé nalezené na termitech z r. *Zoothermopsis*. Povrchové struktury hyf, fialid a konidií byly pozorovány odrazovým elektronovým mikroskopem, repliky konidií a jejich řetízků prozařovacím elektronovým mikroskopem.