

Turkish Journal of Zoology

Turkish Journal
of
Zoology

Gregarina typographi Fuchs, a Gregarine Pathogen of the Six-Toothed Pine Bark Beetle, *Ips sexdentatus* (Boerner) (Coleoptera: Curculionidae, Scolytinae) in Turkey

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 [Keywords](#)
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Abstract: A gregarine pathogen of *Ips sexdentatus* is reported in Turkey for the first time and described as *Gregarina typographi*. A mixed nematode parasitization and gregarine infection is reported. Gregarines were observed in the populations of *I. sexdentatus* in Şalpazarı (Sisdağı), Trabzon. During the study, several life stages of the gregarine pathogen were observed, measured, and photographed. Measurements of gamonts and gametocysts of *G. typographi* are given and compared with other gregarine isolates from Turkey.

Key Words: Gregarine pathogen, *Ips sexdentatus*, *Gregarina typographi*



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Turk. J. Zool., **31**, (2007), 359-363.

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