

Two new important records for forest insect fauna of Turkey

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Summary

Ips stypographus L. and *Rhizophus grandis* (Gyll.) are two new records for forest insect fauna of Turkey as a serious pest of *Picea orientalis* and as an effective predator of *Dendroctonus micans* Kug. respectively.

Introduction

During the studies on the "Biological control factors affecting the population of *D. micans* Kug. (*Coleoptera*, *Scolytidae*)" two coleopterous species, which are new for forest insect fauna of Turkey, have been recorded, These are indicated as the following :

Results

1. *Ips typographus* L. (*Coleoptera*, *Scolytidae*)

Location, stage, date : Artvin (Şavşat - Ilca) (1990 m), adult, 12.VII.1984; Şavşat - Papart Forest, larva - pupa - adult, 6.VIII.1984.

Host plant : *Picea orientalis* (L.) (in Turkey)

Biological note : Adults was boring egg galleries under the bark of an old spruce on 12.VII.1984. Mature larvae, pupae and young adults were recorded in Papart Forest on 6.VIII.1984. This species is known as a serious pest on spruce in Europe.

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2. *Rhizophagus grandis* (Gyll.) (Coleoptera, Rhizophagidae)

Location, stage, date : Artvin Şavşat - Karagöl) 1640 m), larva - adult, 16.VII.1984; Şavşat - Sapacık karakolu (1900 m), adult, 19.VII.1984; Şavşat - Kocabey Kışlası (1830 m), Yukarı Koyunlar (1690 m), Sulhanat (1590 m), larva - adult, 25.VIII.1984.

Host : Larva, pupa and adult of *D. micans* Kug.

Biological note : This species is a specific predator of *D. micans*. Its larvae especially feed on *D. micans* adults.

Özet

Türkiye orman böcekleri faunası için iki yeni önemli kayıt

Ips typographus L., Doğu ladinini *Picea orientalis*'in önemli bir zararlısı ve *Rhizophagus grandis* (Gyll.) *Dendroctonus micans* Kug. türünün etkin bir predatörü olarak Türkiye Orman Böcekleri faunası için iki yeni tür olarak saptanmıştır.