

Turkish Journal of Zoology

Turkish Journal

of

Zoology

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
A Contribution to the Knowledge of the Sesiidae of Turkey (Lepidoptera)

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Abstract: On the basis of the material collected and the observations made in the summer of 2003 in Turkey –mainly in eastern Anatolia– and some samples in the collection of Atatürk University, Entomology Museum, Erzurum, Turkey (EMET), an overview is given of the observed clearwing moths (Sesiidae) in Turkey from faunistic, distributional, and agro-economical points of view. Thirty-six species and subspecies in 11 genera have been recorded, of which *Sesia pimplaeformis* Oberthür, *Paranthrene diaphana* Dalla Torre & Strand, *Synanthedon andrenaeformis tenuicingulata* ˘Spatenka and *Pyropteron cirgisa* (Bartel, 1912) are classified as endangered species and should be added to the red list. *Bembecia syzcjovi kappadocica* ˘Spatenka, *Dipchasphecia sertavula* Bartsch & ˘Spatenka, *D. kopica* Gorbunov & ˘Spatenka, and *Chamaesphacia ruficoronata* Kallies, Petersen & Riefenstahl are endemic to Turkey. The species having an agro-economical importance as a pest in cultivated plants and as biocontrol agents on weeds are also indicated.

Key Words: Lepidoptera. Sesiidae, fauna, pest, biocontrol agent, distribution, red list

Turk. J. Zool., **29**, (2005), 27-38.

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