

عنوان مقاله:

Some edaphic mesostigmatic mites from Lordegan, Chaharmahal Bakhtiari province with their world distribution

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نویسندگان:

Ali Bagheri Kordeshami - *Department of Plant Protection, College of Agriculture, Isfahan University of Technology, Isfahan, Iran*

Jahangir Khajehali - *Department of Plant Protection, College of Agriculture, Isfahan University of Technology, Isfahan, Iran*

Alireza Nemati - *Department of Plant Protection, Faculty of Agriculture, Shahrekord University, Shahrekord, Iran*

خلاصه مقاله:

Soil-dwelling mites and especially Gamasina (Mesostigmata) are very important to soil ecosystems. They are one of the major groups rich in species and abundance. In order to study mesostigmatic mite fauna, soil samples were collected from different oak forests of Lordegan region. The mites were extracted using Berlese-Tullgren funnels and then cleared in Lactic acid and mounted in Hoyer's medium. This study reports on the distribution of soil mesostigmatids in Iran and world-wide. Twenty species belonging to ۱۳ genera of five families were collected and identified. Species are listed as follows: Ascidae: *Arctoseius cetratus* (Sellnick, ۱۹۴۰), *Gamasellodes bicolor* (Berlese, ۱۹۱۸), *Antennoseius (Antennoseius) bacatus* Athias-Henriot, ۱۹۶۱, *Antennoseius (Antennoseius) masoviae* (Sellnick, ۱۹۴۳). Blattisociidae: *Lasioseius youcefi* Athias-Henriot, ۱۹۵۹. Laelapidae: *Cosmolaelaps rectangularis* Sheals, ۱۹۶۲, *Euandrolaelaps karawaiewi* (Berlese, ۱۹۰۳), *Gaeolaelaps aculeifer* (Canestrini, ۱۸۸۳), *Gaeolaelaps minor* (Costa, ۱۹۶۸), *Gaeolaelaps oreithyiae* (Walter & Oliver, ۱۹۸۹), *Haemolaelaps fenilis* (Megnin, ۱۸۷۵), *Haemolaelaps shealsi* (Costa, ۱۹۶۸), *Haemolaelaps schusteri* (Hirschmann, ۱۹۶۶), *Laelaspis kamalii* Joharchi and Halliday, ۲۰۱۲, *Laelaspis missouriensis* (Ewing, ۱۹۰۴), *Gymnolaelaps canestrinii* (Berlese, ۱۹۰۳), *Gymnolaelaps obscuroides* (Costa, ۱۹۶۸). Ologamasidae: *Sessiluncus hungaricus* Karg, ۱۹۶۴, *Allogamasellus* sp.; Veigaiidae: *Veigaia planicola* Berlese, ۱۸۸۲. The genus *Allogamasellus* and *Haemolaelaps schusteri* are reported for the first time for Iranian mite fauna and the male of *Laelaspis kamalii* is reported for the first time for world fauna.

کلمات کلیدی:

Acari, Mesostigmata, Soil fauna, World distribution, Laelapidae

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