

## Fauna of stored product mites in Sistan region, Iran

### Abstract

The study on fauna of stored product mites in Sistan region was carried out during 2010-2011. A total of 17 species from 11 genera and 4 families belonging to 4 orders: Trombidiformes, Mesostigmata, Oribatida (Astigmatina) and Heterostigmata were collected and identified. All species are new to the mite fauna of Sistan and Balochestan province. Two species were new records to the mite fauna of Iran and four species were new records from stores of Iran which are marked by one and two asterisks (\* and \*\*), respectively. Mite species listed according to their orders and families as follows:

#### I. Astigmata

##### 1. Acaridae

*Tyrophagus putrescentiae* (Schrank, 178)

*T. dimidiatus* (Hermann, 1804)

*T. fungivorus* (Oudemans, 1932) \*

*T. longior* (Gervais, 1844)

*Rhizoglyphus robini* (Clapared, 1869)

*Aleroglyphus ovatus* (Troupeau, 1879)

*Suidasia pontifica* (Oudemans, 1905) \*

#### II. Mesostigmata

##### 1. Ameroseiidae

*Ameroseius plumosus* (Oudemans, 1902)

##### 2. Laelapidae

*Gaeolaelaps linteyini* (Samsinak, 1964) \*

*Hemolaelaps shealsi* (Costa, 1965) \*

##### 3. Macrochelidae

*Macrocheles merdarius*

#### III. Prostigmata

##### 1. Cheyletidae

*Acaropsellina sollers* (Kuzin, 1940)

*Cheyletus malaccensis* (Oudemans, 1903)

*Cheyletus eruditus* (Schrank, 1781)

##### 2. Caligonelidae

*Molothragnatus* near *mehrnejadi* Liang & Zhang, 1997 \*

##### 3. Raphignathidae

*Raphignathus zhaoi* Fan & Yin, 2000 \*

#### III. Heterostigmata

##### 1- Acarophenacaridae

*Acarophenax rackae* Key word: Fauna, stored mites, Sistan



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# **Study on Fauna of Stored Product Mites in Sistan Region, Iran**

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