

Faunistic survey of Mite (Acari) associated with Grapevine yards in Safiabad, Khuzestan, Iran

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Abstract

During 1997-1998 a faunistic study was carried out on mites (Acari) associated with grapevine in Safiabad, Khuzestan, south Western province of Iran. A total 39 species belonging to 37 genera and 27 families were identified respectively. The new mite records in Iran indicated by the asterisk. The most abundant predator, scavenger and pest mites were *Androlaelaps casalis* Berlese (Laelapidae), *Oppia yodai* Aoki (Oppiidae) and *Tenuipalpus granati* Sayed (Tenuipalpidae) in Dezful region. Among collected specimens, 12 species were new records for Iran. The newly recorded mites are listed as follows.

Mesostigmata

Laelapidae

*Pseudoparasitus holaspis** (Oudemans)

Androlaelaps casalis (Berlese)

Hypoaspis aculifera Ganestrini

Ascidae

Protogamasellus sp.

*Lasioseius matthyssei** Chant

*Lasioseius phytoseioides** Chant

Gamasellodes bicolor (Berlese)

Phytoseiidae

*Euseius obtectus** Khan, Chaudri & Tahir

Proprioseiopsis sp.

Anthoseius rhenanus (Oudemans)

*Amblyseius reductus** Wainstein

Macrochelidae

*Macrocheles scutatus** (Berlese)

Ameroseiidae

*Ameroseius pavidus** Koch

Pachylaelapidae

Pachylaelaps karawaiewi (Berlese)

Key words : Mites, Acari, Grapevine, fauna, Safiabad, Iran

Trachyuropodidae

Oplitis conspicua (Berlese)

Uropodidae

Uroobovella vinicolora (Vitzthum)

Ologamasidae

*Gamasiphis hemicapillus** Karg

Prostigmata

Tenuipalpidae

Tenuipalpus granati Sayed

Tetranychidae

Eutetranychus orientalis (Klein)

Tetranychus turkestanii Ugarov

Anystidae

Anystis baccharum L.

Stigmaeidae

Eustigmaeus spathatus Ueckermann & Smith-Meyer

Tydeidae

Tydeus sp.

Cheyletidae

*Eutogenes africanus** Wafa & Soliman

Hemicheyletia bakeri (Ehara)

Bdellidae

Neomolgus sp.

Cunaxidae

Cunaxa sp.

Smarididae

Fessonina paillosa Berlese

Raphignathidae

Raphignathus gracilis (Rack)

Erythraeidae

Abrolophus sp.

Tarsonemidae

Tarsonemus sp.

Pygmephoridae

Pygmephorus sp.

Camerobiidae

Neophyllobius sp.

Scutacaridae

Scutacarus fragariae Rack

Astigmata

Acaridae

Tyrophagus putrescentiae Schrank

Rhizoglyphus robini Claparede

Oribatida

Euphthiracaridae

*Rhysotritia clavatasexion** Lions

Cosmochthoniidae

*Cosmochthonius asiaticus** Gordeeva

Oppiidae

*Oppia yodai** Aoki

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Received: 14 December 2008-Accepted: 14 April 2009