

SOME PREDATOR MITES FROM NORTHERN AND WESTERN IRAN (1)

H. DANESHVAR (2)

SUMMARY

Increasing of mites is known to produce injury to plants of economic importance and the reduction of crops. Using of toxicants against certain phytophagous mites has resulted to the increase of resistant species in many cases. The cost of spraying is also going up every year. In view of these problems much attention has been paid towards the biological and integrated control of mites in the recent years.

Among the predator mites phytoseiids are counted valuable factor in controlling the population of phytophagous mites. So far, our knowledges on the iranien phytoseiids are very limited. Thus the study of these predators has been started in Iran.

The following species of **Phytoseiidae** and one species of **Stigmaeidae** have been collected and studied during a search for mite predators in the northern and western parts of Iran:

1. GENUS **TYPHLODROMUS** SCHUTEN

Anthoseius kettanehi Dosse: Islam-abad (apple, quince).

An. kazachstanicus Wainstein: Damavand, Oroomiyeh, (apple).

Typhlodromus athiasae Porath & Swiriski: Kermanshahan: Rijab (fig).

Paraseiulus soleiger (Ribaga): Damavand (apple), Oroomi-

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(2)- Dr. Houshang Daneshvar, Plant Pests and Diseases Research Institute, P.O. Box 3178, Tehran, Iran.

yeh (apple, sloe tree), Kermanshahan (apple, cherry).
Bawus subsoleiger Wainstein: Oroomiyeh (quince), Karaj (cherry).

2. GENUS **AMBLYSEIUS** BERLESE

Amblyseius libanesi Dosse: Ghasr-e-Shirin (pomegranate, apricot, Orange, grapevine, mulberry, castor-bean, bell-pepper), Khosrovi (*Hypomea* sp.).

A. largoensis (Muma): Ramsar (Orange).

A. zwolferi Dosse: Miandoab (apple).

A. mcMurtryi Muma: Rasht (*Phytolacca americana* L.).

A. luppovae Wainstein: Kermanshahan: Kerend (apple).

A. similis (Koch): North Iran (hornbeam=hornbeech, iron wood).

Kampimodromus aberrans (Oudms.): Miandoab, Oroomiyeh (quince); Kermanshahan (walnut).

Euseius finlandicus (Oudms.): Gorgan (apple), Oroomiyeh (cherry, apricot, plum, peach); Khoy (cherry); Kermanshahan (walnut, apple).

3. GENUS **PHYTOSEIUS** RIBAGA

Phytoseius finitimus Ribaga: Tehran: Kan, Varamin (fig); Kermanshahan (apple); Kermanshahan, Rasht (Raspberry); Guilan: Kuchefahan (*Salvia nemorosa* L.).

Dubininellus corniger Wainstein: Torbat-e-Jam (apple).

4. FAMILY **STIGMAEIDAE** OUDEMANS

Zetzellia mali (Ewing): Damavand, Mashhad, Fasham, Maygun, Miandoab, Oroomiyeh, Kermanshahan (apple).

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