

## TWO NEW RECORDS FOR IRANIAN PHYTOSEIID MITES WITH SYNONYMY AND KEYS TO THE SPECIES OF *TYPHLOSEIULUS* CHANT AND MCMURTRY AND PHYTOSEIIDAE IN IRAN (ACARI: MESOSTIGMATA)

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**ABSTRACT** - *Typhloseiulus peculiaris* (Kolodochka, 1980) and *Phytoseius spoofi* (Oudemans, 1915) found for the first time in Guilan Province, Iran are reported. Keys are provided to distinguish species of *Typhloseiulus* Chant and McMurtry and the Phytoseiidae of Iran. *Neoseiulus kermanicus* Daneshvar, 1987, *N. oryzacolus* Daneshvar, 1987 and *Phytoseius tropicalis* Daneshvar, 1987 are recognised as junior synonyms of *N. barkeri* Hughes, 1948, *N. imbricatus* (Corpuz-Raros and Rimando, 1966) and *P. plumifer* (Canestrini and Fanzago, 1876), respectively. *Typhlodromus (Anthoseius) iranensis* Daneshvar (1987) is suspected to be a junior synonym of *T. (A.) kazachstanicus* Wainstein, 1958 and *Paraseiulus jirofticus* Daneshvar, 1987 is considered a *nomen dubium*. Remarks on the status of *Transeius caspiensis* (Denmark and Daneshvar, 1982) are also given.

**Key words** - Acari, Phytoseiidae, *Typhloseiulus*, Iran.

Abstract # 4

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