

Contribution to the knowledge of the caddisfly fauna (Trichoptera) of Iran: description of new species and new distributional data

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Abstract. *Hydroptila hodkovae* sp. nov. (Hydroptilidae), *Tinodes voriseki* sp. nov., *T. hajeki* sp. nov. (Psychomyiidae), and *Hydropsyche lundaki* sp. nov. (Hydropsychidae) from Iran are described and figured. A list of species collected by the Czech Biological Expeditions 1997-2000 in Iran is presented, including first Iranian records of *Hydroptila aegyptia* Ulmer, 1963 (Hydroptilidae), *Hydropsyche perelin* Malicky, 1987 (Hydropsychidae), and *Setodes alala* Mosely, 1948 (Leptoceridae). New distributional data and notes on further 27 caddisfly species are also given.

Key words. Trichoptera, taxonomy, faunistics, new species, new records, Iran

Introduction

The caddisfly fauna of Iran was studied in detail for the first time by SCHMID (1959) and subsequently by MALICKY (1986). More papers appeared only recently. MIRMOAYEDI & MALICKY (2002) published new records, based on collections from the provinces of Fars, Hamadan, Kermanshah, Khorasan, Kordestan, and Mazandaran, and compiled an updated list of species. MEY (2004) described new species and provided additional distributional records from several provinces (Boyer Ahmad va Kohgiluyeh, Chaharmahal va Bakhtiyari, Esfahan, Fars, Hormozgan, and Kerman). Another new species was described from the Bushehr Province by MALICKY (2004). Nevertheless, the Iranian caddisfly fauna is still insufficiently known and data are lacking from many regions.

Three Czech Biological Expeditions made new collections of caddisflies in May 1997, October 1998 and April 2000. This paper summarizes the results, including descriptions of new species and new state records. Holotypes and paratypes are deposited in the collection of the Department of Entomology, National Museum, Praha (NMPC), and some paratypes are also housed in the collection of Hans Malicky, Lunz am See, Austria (HM).