

A review of the occurrence and distribution of the recent non-marine Ostracoda (Crustacea) of Turkey

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Abstract. A review of the non-marine Ostracoda of Turkey is presented, incorporating both previously published and new data. Thus far, 90 species belonging to 39 genera have been found in Turkish non-marine habitats. The geographical occurrence of these taxa is reviewed by administrative province and brief ecological and taxonomic notes are presented.

Kurzfassung. Es wird eine Übersicht über die nicht-marine Ostracodenfauna der Türkei gegeben, für die sowohl Literaturdaten als auch unveröffentlichtes Material verwendet wurden. Bislang wurden 90 Arten aus 39 Gattungen festgestellt. Die geographische Verbreitung dieser Taxa in der Türkei wird anhand der Provinzen dargestellt, zusammen mit kurzen ökologischen und taxonomischen Charakterisierungen.

Key words. Ostracoda, non-marine, zoogeography, distribution, Turkey, Middle East.

Introduction

Despite its zoogeographic interest the fauna of the Near East is often comparatively poorly documented. In the case of non-marine Ostracoda, this is reflected in the lack of national species listings from all states within the region except Israel (MARTENS & ORTAL 1999) and Iran (GRIFFITHS et al. 2001). Thus, despite over 100 years of sporadic research, there has been no attempt to collate data on the occurrence of non-marine Ostracoda from Turkey, one of the largest countries in the region. To date a number of works containing data on Turkish modern, non-marine ostracods have been published, however, access to many of these is limited: most are in Turkish and many are unpublished postgraduate theses or research contract reports. We here, for the first time, provide a systematic check list of the modern non-marine Ostracoda known from Turkey to date, and review the geographical distributions of the individual species.

Listings and locality records are based on a range of published sources, to which have been added unpublished records collected by the authors over recent years. In the following listings, taxonomic and systematic nomenclature largely follow MEISCH (2000), although *Ilyocypris gibba* and *I. biplicata* are retained as separate taxa, as are *Cypridopsis parva* and *C. vidua*. Other problematic taxa are largely retained without comment as systematic and taxonomic work is on going. Distributions are listed by province; numbers refer to the published sources of records given in the reference list.