

New records of recent Ostracoda (Crustacea) for the marine fauna of Turkey

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Abstract. A total of 60 species of Ostracoda was collected from 30 locations in the Turkish Aegean Sea. Five species, *Polycope vasfiensis* Sissingh, *Leptocythere bituberculata* Bonaduce, Ciampo & Masoli, *Loxococoncha gibberosa* Terquem, *Sagmatocythere versicolor* (Müller) and *Monoceratina oblita* Bonaduce et al., are new records for the recent marine fauna of the North Aegean Sea and Turkey.

Kurzfassung. Aufsammlungen an 30 Stellen der türkischen Ägäis ergaben insgesamt 60 Arten von Ostracoden. Fünf Arten, nämlich *Polycope vasfiensis* Sissingh, *Leptocythere bituberculata* Bonaduce, Ciampo & Masoli, *Loxococoncha gibberosa* Terquem, *Sagmatocythere versicolor* (Müller) und *Monoceratina oblita* Bonaduce et al. sind Neunachweise für die rezente marine Fauna der nördlichen Ägäis und für die Türkei.

Key words. Ostracoda, Aegean Sea, Turkey, new records.

Introduction

Because of its geological history, the Anatolian mainland is regarded as a significant geological, ecological and zoogeographical region and the Aegean Sea has always been a part of this diversity. Nevertheless, apart from occasional discoveries by BRADY (1866-1869) and fossil investigations on nearby Greek islands (TERQUEM 1878, SISSINGH 1972), the Aegean ostracodal fauna off the coast of Turkey is comparatively unknown.

Up until the middle of the 20th century, knowledge of the recent marine Ostracoda in the Aegean Sea consisted of inadequately illustrated and described species by BAIRD (1850) and BRADY (1866). Subsequently, STAMBOLIDIS (1985) recorded 96 recent Ostracoda from the Evros Delta in the North Aegean Sea, followed by KUBANÇ (1999) with 70 species from the nearby Bay of Saroz and 16 species from the Dardanelles Strait. KUBANÇ & KILINÇARSLAN (2001) and ŞAFAK (1999) reported 61 species to the south of these sites, near the exit of the Strait into the Aegean Sea.

Prior to the present investigation, comprehensive taxonomic studies concentrated on recent Ostracoda from two areas in the Aegean Sea: the Evros Delta of Greece in the north (STAMBOLIDIS 1985) and the Greek islands of Pharos and Naxos in the south (BARBEITO-GONZALES 1971). Studies in areas closer to Turkey were undertaken by ŞAFAK (1999) in the Bozcaada, Çanakkale and Gökçeada regions and by KUBANÇ (1999) and KUBANÇ & KILINÇARSLAN (2001) in the Bay of Saros and the Dardanelles Strait.

Material collected from the Aegean Sea for a Ph.D. thesis (KUBANÇ 1995) forms the basis for the present paper. It provides illustrations and ecological data on five ostracod species found for the first time in North and East Aegean assemblages.