

## ***Clunio Haliday, 1855: A New Chironomid Genus for Turkey* (Diptera, Chironomidae)**

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### **ABSTRACT**

As a result of samples made in Antalya Bay and Kekova, southern Anatolia, Turkey, in 2005, *Clunio mediterraneus* Neumann 1966 is reported as new to the Turkish fauna.

*Key words:* Chironomidae, *Clunio mediterraneus*, Mediterranean Sea, Turkey, Fauna.

### **INTRODUCTION**

Species of Chironomidae adapted to live in the intertidal zone have been recorded from coasts all over the world. Among the Orthoclaadiinae, *Clunio* Haliday, *Thalassosmittia* Strenzke & Remmert, *Semiocladus* Sublette & Wirth and the monospecific genus *Tethymyia* Wirth appear to be exclusively intertidal (Armitage *et al.* 1995).

*Clunio* has a worldwide distribution along temperate and tropical sea coasts (Schärer & Epler 2007).

*Clunio* is one of the rare kinds of marine chironomids which settles in the lower midlittoral range of the intertidal zone, and in some locations even further down to a depth of 20 m in the sublittoral. There are several populations on the coast of the European Atlantic and the North Sea with a larval habitat in the lower midlittoral (Heimbach, 1978).

Four species have been reported from Europe, *Clunio mediterraneus* Neumann (Europe), *Clunio balticus* Heimbach (Europe), *Clunio ponticus* Michailova (Europe), and *Clunio marinus* Haliday (Europe, North Africa, Egypt) (Sæther & Spies 2009).

In this paper, we report *Clunio mediterraneus* Neumann as new to the Turkish fauna.

### **MATERIAL AND METHODS**

A cruise to the Turkish Mediterranean coast was undertaken in September 2005 in order to collect benthic samples from different depths and habitats. The present study deals with samples taken from the southern part of the Turkish Mediterranean coast (Fig. 1).







