



***Haploops longiseta*, a new species from the Atlantic Ocean
(Crustacea, Gammaridea, Ampeliscidae)
[Contribution to the knowledge of the *Haploops* genus. 6.]**

R.A. KAIM-MALKA

Station Marine d'Endoume - Rue de la Batterie des Lions, 13007 Marseille - France. E-mail: richard.elkaim@laposte.net

Abstract

Haploops longiseta a new *Haploops* species is described based on an adult female collected in the north eastern Atlantic Ocean (Bay of Biscay) in a baited trap: IFREMER-conceived engin PROSPER left on the sea bottom at a depth of 1460m. This species is characterized by a very long seta at the end of the mandibular palp, very long dorsal setae, and a pair of long apical setae on each lobe of the telson. The pereopod 7 basis is very broad and setose on the inner side. A summarized illustrated key, based on the position of the corneal lenses, is given for the *Haploops* species known.

Key words: Amphipoda, Ampeliscidae, *Haploops*, lenses, Atlantic Ocean

Résumé

Une nouvelle espèce d'*Haploops* est décrite, *Haploops longiseta*, à partir d'une femelle adulte récoltée en Atlantique (Golfe de Gascogne) au moyen d'un piège appâté: engin PROSPER conçu par IFREMER, et posé sur le fond à une profondeur de 1460m. Cette espèce se caractérise par la présence d'une très longue soie située à l'extrémité du palpe mandibulaire, de très longues soies dorsales, et d'une très longue soie à l'extrémité distale de chaque lobe du telson. L'article basal du péréiopode 7 est très large, et porte de nombreuses soies sur sa face interne. Une clé sommaire illustrée, basée sur la position des lentilles, est fournie pour l'ensemble des espèces d'*Haploops* connues à ce jour.

Mots clé: Amphipode, Ampeliscidae, *Haploops*, lentilles, Océan Atlantique

Introduction

During cruise VITAL, in 2002, of R/V "L'Atalante" (IFREMER) deep-sea fish communities were studied on the continental slope of the Bay of Biscay (north eastern Atlantic Ocean), three data sampling methods were used (Trenkel *et al.* 2002). One technique employed during the cruise was a time-lapse photographic census by means of the IFREMER-conceived engin PROSPER left on the sea bottom at a depth of 1460m–1550m. Fishes were attracted by periodical release of bait (mixture of sardine oil and fish flows) from revolving bottles inside the engin. In addition to fish, various species of amphipods reacted to the "smelling" bait, and because of their small size, penetrated into the bottles where they remained caught until the engin PROSPER was recovered again. This accidentally caught, but not unexpected fauna was then extracted on board and preserved in ethanol. Among the amphipods species, a specimen belonging to the genus *Haploops* was present. Some of its morphological characters were never observed in this genus, so than this specimen is described as a new species for the science.

The genus *Haploops* Liljeborg, 1855 includes 19 valid species (with *H. longiseta*), belonging to the family of Ampeliscidae. The different species are distributed in the Atlantic ocean, Pacific ocean and Antarctic ocean. They are distributed in shallow waters, bathyal and abyssal depths (Bellan-Santini & Dauvin