



New additions to the hydroids (Cnidaria: Hydrozoa) from the fjords region of southern Chile

HORIA R. GALEA^{1,4}, VERENA HÄUSSERMANN^{2,3} & GÜNTER FÖRSTERRA^{2,3}

¹Honorary Associate, Muzeul Național de Istorie Naturală “Grigore Antipa”, Șos. Kiseleff n°1, 011341 București, România.
E-mail: horia.galea@gmail.com

²Huinay Scientific Field Station, Casilla 462, Puerto Montt, Chile

³Pontificia Universidad Católica de Valparaíso, Facultad de Recursos Naturales, Escuela de Ciencias del Mar, Avenida Brazil 2950, Valparaíso, Chile

⁴Corresponding author

Abstract

We report upon eleven species of thecate hydroids collected during a recent scientific expedition to the North Patagonian Zone between southern Chiloé and Puyuguapi fjord/ Magdalena Island. One species belongs to the family Haleciidae Hincks, 1868, four to the family Sertulariidae Lamouroux, 1812, and six to the family Campanulariidae Hincks, 1868. Of them, *Halecium cymiforme* Allman, 1888 and *Symplectoscyphus leloupi* El Beshbeeshy, 1991 are redescribed based on new, fertile material. *Sertularella allmani* Hartlaub, 1901 is assigned to the synonymy of *S. antarctica* Hartlaub, 1901. *Campanularia subantarctica* Millard, 1971 is considered as a junior synonym of *C. lennoxensis* Jäderholm, 1903, and data on both the male and female gonothecae are provided. A variant of *Clytia gigantea* (Hincks, 1866) with smaller hydrothecae than usual is described. *Sertularella sanmatiasensis* El Beshbeeshy, 1991 is recorded from Chile for the first time. Although not belonging to the present collection, several notes on *Kirchenpaueria curvata* (Jäderholm, 1904) are provided.

Key words: Cnidaria, Hydrozoa, Leptothecata, hydroids, thecate, fjords, Chile

Introduction

The hydrozoan fauna from the fjords region of southern Chile was recently reviewed by Galea (2007) and Galea *et al.* (2007) based on material from four expeditions (“Huinay Fiordos 1– 4”) and material from the Comau fjord.

A further expedition (“Huinay Fiordos 6”), organized by the Huinay Scientific Field Station, took place between 10–27 February 2008 to the Northern Patagonian Zone, to explore the south of Chiloé Island, the Puyuguapi fjord, and the channels around Magdalena Island.

The material from previous expeditions was mainly from inner fjords and protected channels, with only one sampling site at the exposed western coast of Chiloé. The recent expedition included five sites at the exposed southern shore of Chiloé Island.

The examination of samples revealed the presence of eleven additional species of hydroids that have not been included in the above-mentioned publications. These species are discussed in the present report.

Material and methods

“Huinay Fiordos 6” was the sixth of a series of expeditions to the Chilean fjord region organized by the