

***Eudendrium caraiuru* sp. n. (Hydrozoa; Anthoathecata; Eudendriidae) from the southeastern coast of Brazil**

ANTONIO C. MARQUES¹ & OTTO M.P. OLIVEIRA^{1,2}

¹Departamento de Zoologia, Instituto de Biociências, Universidade de São Paulo, Caixa Postal 11461, 05422-970, São Paulo, SP, Brazil; e-mail: marques@ib.usp.br

²Centro de Biologia Marinha, Universidade de São Paulo, Caixa Postal 83, 11600-970, São Sebastião, SP, Brazil; e-mail: ottompo@usp.br

Abstract

Eudendrium caraiuru sp. n. is described for the southeastern coast of Brazil. The species was reported previously from the area as *E. glomeratum*, a common species of the Mediterranean Sea. However, morphological, morphometrical and ecological data suggest they are diverging lineages, requiring a new specific name for the Brazilian population.

Key words: Hydrozoa, Eudendriidae, *Eudendrium*, Brazil, new species, *Eudendrium glomeratum*, taxonomy

Introduction

Nine species of *Eudendrium* have been recorded to date from Brazilian waters: *Eudendrium carneum* Clarke, 1882 (Vannucci 1954; Tommasi 1970; Rosa 1973; Masunari 1983; Souza 1987; Correia and Loyola e Silva 1990; Pires *et al.* 1992; Marques and Moretzsohn 1995; Grohmann *et al.* 1997; Nogueira *et al.* 1997; Rosso and Marques 1997; Calder and Maÿal, 1998; Marques 1993, 2001); *Eudendrium capillare* Alder, 1856 (Vannucci 1954; Mayal 1973; Alves and Mayal 1990; Marques 1993, 2001); *Eudendrium rameum* (Pallas, 1766) (Mayal 1973); *Eudendrium pocaruquarum* Marques, 1995 (Marques 1995, 2001; Rosso and Marques 1997); *Eudendrium ? fragile* Motz-Kossowska, 1905 (Grohmann *et al.* 1997); *Eudendrium nambuccense* Watson, 1985 (Marques 1993, 2001; Nogueira *et al.* 1997); *Eudendrium glomeratum* Picard, 1951 (Marques 1993, 2001; Rosso and Marques 1997; Oliveira *et al.* 2000); *Eudendrium ramosum* (Linnaeus, 1758) (Marques 1993, 2001; Grohmann *et al.* 1997; Rosso and Marques 1997); *Eudendrium merulum* Watson, 1985 (Marques 1993, 2001); *Eudendrium* sp. (Eston *et al.* 1986; Costa, 1992; Nogueira *et al.*