



Nomenclatural notes on two Mediterranean gastropod species (Prosobranchia: Cerithiopsidae, and Heterobranchia: Pyramidellidae)

Lionello P. Tringali

KEY WORDS: *Auristomia gaglinae* nom. nov.; Cerithiopsidae; *Cerithiopsis scalaris*; marine; Mediterranean Sea; nomenclature; *Odostomia myosotis*; Pyramidellidae.

ABSTRACT: MONTEROSATO (1877) did not introduce the name *Cerithiopsis scalaris* in a valid way, yet he is traditionally regarded as the author of *C. scalaris*. Actually, the valid introduction of this taxon was by LOCARD (1892). The description by Locard fits quite well both the traditional interpretation of *scalaris* and Monterosato's own view on this species.

The new name *Auristomia gaglinae* is here proposed to replace *Odostomia (Auriculina) myosotis* Gaglioli, 1987, ex Brugnone ms., - a taxon based on fossil, probably Pleistocene material from Sicily kept in the Monterosato coll. (ZMR) - preoccupied by *Odostomia (Auristomia) myosotis* F. Nordsieck, 1972, ex Brugnone ms. The lectotype of *O. myosotis* Gaglioli is selected.

RIASSUNTO: Note nomenclaturali su due specie di gasteropodi mediterranei (Prosobranchia: Cerithiopsidae e Heterobranchia: Pyramidellidae) - Le note seguenti discutono autore e data di pubblicazione di *Cerithiopsis scalaris* e introducono un nome nuovo per il piramidellide fossile *Odostomia myosotis* Gaglioli, 1987, ex Brugnone ms., non Nordsieck F., 1972.

Riguardo all'autore ed alla data di pubblicazione di *Cerithiopsis scalaris*, Monterosato non ha mai introdotto questo nome in modo valido. Il primo autore a garantire la valida introduzione del nome è stato LOCARD (1892), mediante una descrizione che corrisponde piuttosto bene all'interpretazione tradizionale di *C. scalaris* (cfr. NORDSIECK, 1976), come anche al concetto di questa specie che Monterosato stesso si era formato (cfr. GAGLINI, 1992). Se *Cerithiopsis scalaris* Locard, 1892, ex Monterosato ms., sia effettivamente specie distinta da *Cerithiopsis fayalensis* Watson, 1885, è, comunque, questione ancora priva di una risposta certa. Nel caso si giudichino riferibili alla stessa entità specifica, il nome da adottare sarà allora, per priorità, *C. fayalensis*.

Auristomia gaglinae nomen novum è qui proposto in sostituzione di *Odostomia (Auriculina) myosotis* Gaglioli, 1987, ex Brugnone ms., omonimo primario di *Odostomia (Auristomia) myosotis* F. Nordsieck, 1972, ex Brugnone ms. Viene, inoltre, designato il lectotipo di *O. myosotis* Gaglioli (ZMR). Questa specie verosimilmente pleistocenica, proveniente dai depositi di Ficarazzi (Sicilia), non è nota come attuale, anche se risulta elencata tra le specie viventi del Mediterraneo - dalle acque di Palermo - nel Catalogo della 1ª Mostra della Conchiglia Marina di Palazzo Braschi, Roma (SETTEPASSI *et al.*, 1976), certamente per errore. *Odostomia myosotis* F. Nordsieck, 1972, ex Brugnone ms., è chiaramente distinta per dimensioni, scultura della teleoconca e apice più ottuso, anche se la sua effettiva identità e posizione sistematica appaiono assai problematiche.

L.P. TRINGALI, Via E.L. Cerva 100, I-00143 Roma, Italia

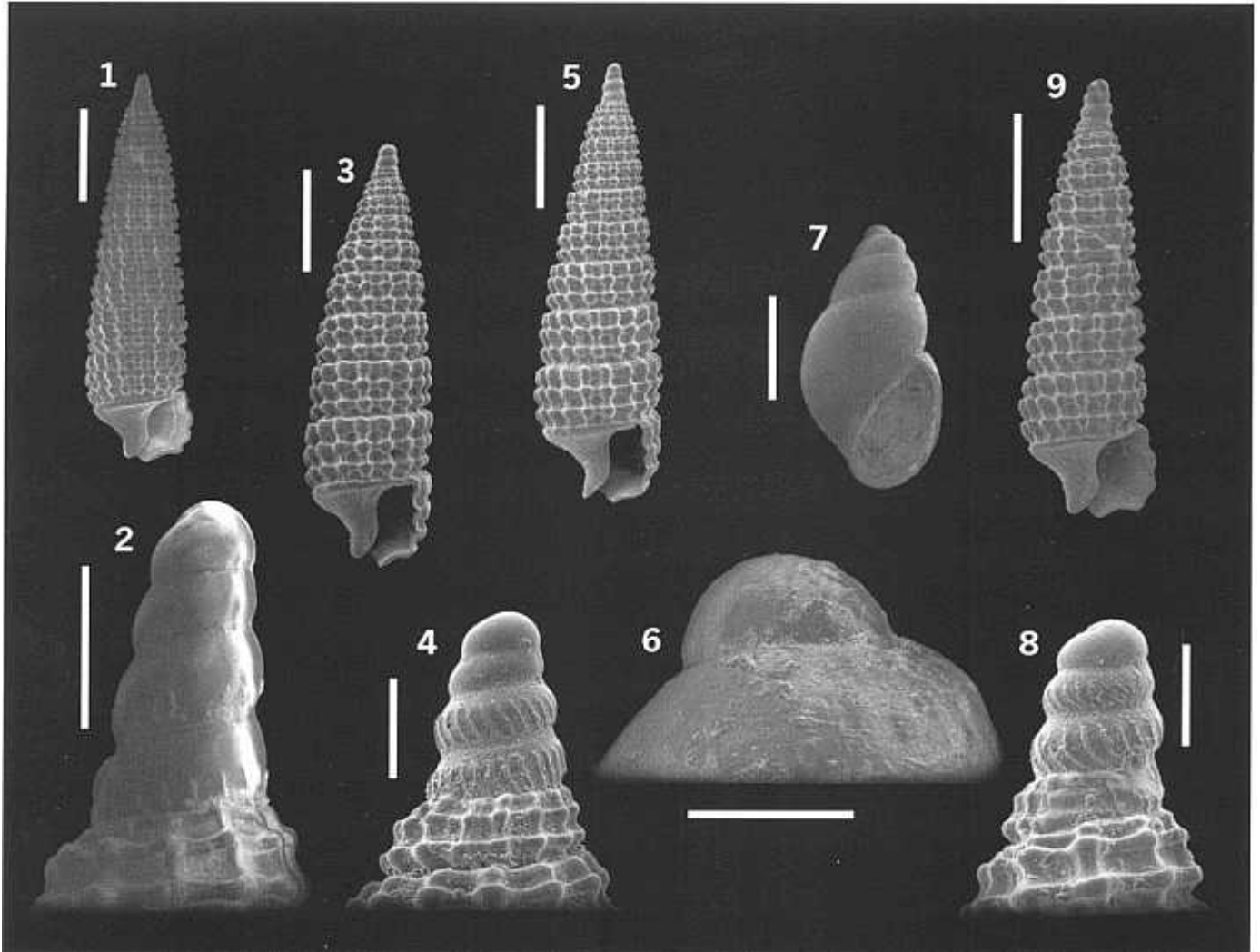
INTRODUCTION

The present notes deal with the authorship and dating of the Mediterranean gastropod name *Cerithiopsis scalaris* (Prosobranchia: Cerithiopsidae), and the introduction of a new name for the fossil pyramidellid *Odostomia myosotis* Gaglioli, 1987, ex Brugnone ms., not F. Nordsieck, 1972 (Heterobranchia: Pyramidellidae). The lectotype of *O. myosotis* Gaglioli is selected. The acronym ZMR stands for Zoological Museum, Rome ("Museo Civico di Zoologia").

Cerithiopsis scalaris Locard, 1892, ex Monterosato ms.

The marquis of MONTEROSATO (1877) is usually considered in the Mediterranean malacological literature as the author of the name *Cerithiopsis scalaris*. However MONTEROSATO (1877: 41) did not produce any valid introduction of this name, simply quoting it as a variety of *Cerithiopsis corona* Watson, nomen nudum [= *Cerithiopsis fayalensis* Watson, 1885], with-

out a description nor an indication in the sense of the ICZN (1985: Art. 12). Later on Monterosato reconsidered the rank of *scalaris*, regarding it as a full valid species, yet *scalaris* remained a nomen nudum in Monterosato's works (cfr. GAGLINI, 1992: 130-131; GIANNUZZI-SAVELLI & PIANI, 1990: 191). Nevertheless, *Cerithiopsis scalaris* attained the status of available name since the description published by a well-known correspondent of Monterosato, namely LOCARD (1892: 118). Therefore, the authorship of this name is not by Monterosato: it should be quoted as *Cerithiopsis scalaris* Locard, 1892, ex Monterosato ms. The French author described the shell of this species as similar to *Cerithiopsis fayalensis*, slightly larger, more cylindrical, with more distinct whorls separated by a deeper suture. Such a description seems to fit the traditional interpretation of *scalaris* (e.g. NORDSIECK, 1976: 7; 6, fig.10). I have examined some samples labelled as *Cerithiopsis scalaris* by Monterosato himself (ZMR). Despite all these shells being in poor conditions, they match quite well the description by Locard (cfr. GAGLINI, 1992: 130-131; 148, fig.139).



Figs. 1-2: *Cerithiopsis scalaris* Locard, 1892, ex Monterosato ms., Sicily, Palermo, unrecorded depth, Monterosato coll. (ZMR) - identified on the label as *Cerithiopsis scalaris* f. "minor?". Fig. 3: *Cerithiopsis scalaris*, W Italy, Gulf of Naples, Procida Isl., 13 m. Figs. 4-5: *Cerithiopsis* sp., intermediate between *scalaris* and *fayalensis* (large cirtoid teleoconch, like *scalaris*; ribbed protoconch as *fayalensis*), S Turkey, Aydıncık, 9 m. Figs. 6-7: *Auristomia gaglinae* nom. nov., lectotype of *Odostomia (Auriculina) myosotis* Gaglini, 1987, ex Brugnone ms., Sicily, Ficarazzi, probably Pleistocenic, Monterosato coll. (ZMR). Figs. 8-9: *Cerithiopsis fayalensis* Watson, 1885, W Italy, Latium, off the Circeo Promontory, unrecorded depth (circalitoral). Scale bars: Figs. 1, 3, 5, 7, 9 = 1.0 mm; Figs. 2, 4, 6, 8 = 0.2 mm.



The recent check-lists of Mediterranean *Cerithiopsis* species by BODON *et al.* (1995: 34), and by SABELLI *et al.* (1990-92: 31-32, 179, 388-389) - as well as the older one by SETTEPASSI *et al.* (1976: 17) - omitted to quote *Cerithiopsis scalaris*, whereas PIANI (1980: 136), and BRUSCHI *et al.* (1985: 15) listed it, though with Monterosato as the author. In fact it is an open question - a question hard to answer - whether *scalaris* is a full valid species or it falls within the morphological range of *C. fayalensis* (cfr. Figs. 1-5, 8-9). Since the name *fayalensis* is actually older, if it is regarded as conspecific with *scalaris*, it would be the name to use.

***Auristomia gagliinae* nomen novum pro
Odostomia myosotis Gagliini, 1987, ex Brugnone
ms., non Nordsieck F., 1972, ex Brugnone ms.**

Odostomia (Auriculina) myosotis Gagliini, 1987, ex Brugnone ms., is a fossil - much probably Pleistocenian - pyramidellid gastropod described on the basis of material from the deposits near Ficarazzi (Sicily), collected by the abbot Brugnone. Brugnone's collection was included in the Monterosato collection, now in the ZMR. Neither Brugnone nor Monterosato did describe *Odostomia myosotis* (cfr. GAGLINI, 1992: 143; GIANNUZZI-SAVELLI & PIANI, 1990: 180), whereas GAGLINI (1987: 8; 15, fig.22), working on some malacological material in the Monterosato collection, published a first description and a photo of this fossil species. GAGLINI (1987: 8) did not offer data about the number of specimens in the Monterosato collection. I have found 3 shells of *myosotis* in the ZMR: a small glass tube - still in the Monterosato collection - contains two shells from Ficarazzi labelled as *Odostomia myosotis* by Brugnone himself; a further shell, slightly larger was taken in 1976 from the Monterosato collection for a malacological exhibition (*1^a Mostra della Conchiglia Marina, Palazzo Braschi, 5-31 Ottobre 1976, Roma*), and is now placed in a small plastic box, lacking the original label, and with a recent label by unknown hand which reads "Palermo" as its original locality and "coll. Monts" as the source. The Catalogue of the Exhibition (SETTEPASSI *et al.*, 1976: 24) lists *Odostomia (Auristomia) myosotis* Monterosato, 1884 [sic!], as a living species from Palermo (Sicily). However the single exposed shell is obviously a fossil, matching at all the two shells from Ficarazzi. It may be reasonably argued that also this shell was originally found by Brugnone in the deposits of Ficarazzi. Anyway this species does not seem to belong to the Recent Mediterranean fauna. GAGLINI (1987) did not give any clear indication about the type material of this species. She figured a shell - the better preserved one - from the sample labelled by Brugnone, yet this fact by itself does not constitute the selection of a holotype (ICZN, 1985: Art.73). Therefore I select the shell of *myosotis* photographed by GAGLINI (1987: 15, fig.22; 1992: 142, fig.129) as the lectotype of *Odostomia myosotis* Gagliini (Figs.6-7).

It is to be remarked that the name *Odostomia myosotis* is pre-occupied: NORDSIECK (1972: 115; 267, fig.21) had already intro-

duced the taxon *Odostomia (Auristomia) myosotis*, freely adopting the manuscript name by Brugnone/Monterosato for another Atlantic and Mediterranean Recent species. Therefore *Odostomia myosotis* Gagliini, 1987, ex Brugnone ms., is a primary homonym of *Odostomia myosotis* Nordsieck F., 1972, ex Brugnone ms. The vague description by NORDSIECK (1972) may fit many species, however it does not match the shell morphology of *Odostomia myosotis* Gagliini: *O. myosotis* Nordsieck seems much smaller at about the same number of whorls, with a height of 1.5 mm and a diameter of 0.75 mm, about half the size that of Gagliini's species; its apex is described as very flat, whereas on *myosotis* Gagliini the type-B protoconch is rather prominent; the surface is described by Nordsieck as sculptured by growth lines only, whereas the whole teleconch surface of *myosotis* Gagliini is also run by very weak spiral lines, evenly spaced. *Odostomia myosotis* Nordsieck could belong to the genus *Ondina* Folin, 1870, or to *Odostomia* Fleming, 1813, although its systematic position is still uncertain. *Odostomia (Auriculina) myosotis* Gagliini seems a member of *Auristomia* Monterosato, 1884, as already noticed by GAGLINI (1992: 143). *Auristomia* is here regarded as a full genus, sharing the view of several workers (e.g. GAGLINI, 1992; SCHANDER, 1994; NOFRONI & TRINGALI, 1995).

To the best of the writer's knowledge a further name is not already available for *Odostomia (Auristomia) myosotis* Gagliini, 1987, not F. Nordsieck, 1972. *Auristomia gagliinae* nomen novum is here proposed in order to replace it. The proposed new name is after the late Mrs. Angelina Gagliini, whose contribution to the Mediterranean malacology has been very valuable.

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