

Gloria Maris	44 (1-2)	24-26	Antwerpen, april 2005
--------------	----------	-------	-----------------------

## RED SEA MOLLUSCA

### Part 19

**Class : *Gastropoda***

**Family : *Stomatellidae***

***G. Verbinnen*<sup>1</sup> *M. Dirckx*<sup>2</sup>**

# 69955

**Genus *Stomatella* Lamarck, 1816**

**1 *Stomatella auricula* Lamarck, 1822**

**Fig. 1**

Hist. Nat. des Animaux sans vert., Tome 6, part. 2, P.210 (4).

Locally very common. *S. auricula* is a cosmopolitan and inhabits the littoral fringing reefs characterised by various hard substrates.

**Note:** In former listings concerning the Red Sea, several authors consider the species in the genus *Gena* Gray, 1842. *Stomatella auricula* has a wide colour variation, which results in a long list of synonyms. We consider *Stomatella varia* (A. Adams, 1850) as one of those taxa. *Stomatella nigra* (Quoy & Gaimard, 1834) is designated to the blackish specimens, and generally considered of subspecific rank. However, in our opinion the specimens collected in the Red Sea are *S. auricula* and we consider *S. nigra* only as a colour form. Colour variety ranges from whitish to black, all occurring in the same habitat (as figured).

**Nota:** In voorafgaande lijsten betreffende de Rode Zee wordt *Stomatella auricula* door verschillende auteurs geplaatst in het genus *Gena* Gray, 1842. *S. auricula* is zeer variabel wat kleur betreft, deze variabiliteit leidde tot vele synoniemen. *Stomatella varia* wordt door ons beschouwd als één van deze taxa. De zwarte exemplaren *Stomatella nigra* (Quoy & Gaimard, 1834) die in het algemeen worden aangemerkt als een ondersoort, beschouwen we ook als een kleurvorm. De kleur varieert van wit naar zwart, al deze kleurvormen komen voor in hetzelfde biotoop.

**2 *Stomatella modesta* H.& A. Adams, 1864**

**Fig. 2**

Proc. Zool. Soc. London. Part. XXVIII, P.433.

Moderately rare at the searched areas. During all the expeditions, we did not collect the

1: Boskant 31, 2350 Vosselaar, Belgium

2: Mussenhoefelaan 75a, 2530 Boechout, Belgium

species in the Gulf of Aqaba. We can only report five specimens collected in the areas of Hurghada and Safaga. All of them were collected in the intertidal zone, occurring on the reef flats and their edges.

**Note:** In some Red Sea collections this species is stored as *Stomatella doriae* (Issel, 1869). In our opinion the latter is to be considered as a synonym of *S. modesta*.

N.B. One of the specimens collected at Hurghada tends very close to *Stomatella duplicata* Sowerby, 1854 (Fig. 2a).

**Nota:** In sommige Rode Zee verzamelingen wordt de soort wel geklasseerd als *Stomatella doriae* (Issel, 1869). Deze laatstgenoemde beschouwen wij als een synoniem van *S. modesta*.

N.B. Een van de exemplaren verzameld in Hurghada vertoont sterke gelijkenis met *Stomatella duplicata* Sowerby, 1854 (Fig. 2a).

### Genus *Stomatia* Helbling, 1779

#### 3 *Stomatia phymotis* Helbling, 1779

**Fig. 3**

Beitr. zur kenntn. neuerer und seltener Konchyl. Abbild. Priv.Böhem 4, pp. 102-131.

Not common.

Occasionally some individuals were live taken in the area of Hurghada. Usually they occur in the intertidal zone, hidden under rocks and dead coral. *S. phymotis* is an extremely variable species, both in form and colouration.

### Genus *Stomatolina* Iredale, 1937

#### 4 *Stomatolina danblumi* Singer & Mienis, 1999

**Fig. 4**

La Conchiglia. Vol. 290. p. 43-46.

This elegant and beautiful species is very rare. Till now only a few specimens are known, all of them were collected at the type locality, (north of Dahab, Blue Hole, Gulf of Aqaba). *S. danblumi* occurs in deeper water in a habitat of hard substrate.

### Plate 1

- 1 *Stomatella auricula* Lamarck, 1822
- 2 *Stomatella modesta* H. & A. Adams, 1864
- 3 *Stomatia phymotis* Helbling, 1779
- 4 *Stomatolina danblumi* Singer & Mienis, 1999
- 5 *Cymatium mundum* Gould 1849

Plate 1

