

Canton 1983. A new kind of Eunicidae (Annelidae: Polychaeta) of the Gulf in Catania. *Animalia* 10(1/3): 81-86.

It subsequently deals with individuals of small dimensions all incomplete ones, that introduces conic prostomium with two small eyes, 3 smooth antennae, subequal, pointed at the extremities; the first two segments are apodous, from the 3rd the parapodia are well developed with dorsal and ventral cirri, from 7th to the 11th-13th parapodia they are present pectinate gills to 4-5 filaments. The mandibles are well developed, the jaws are clearly provided with long supports, without unpaired median piece.

[Description of Lysibranchia]

Conic prostomium, two eyes, three smooth occipital antennae, the first 2 segments apodous; tentacled cirri absent; pectinate gills present. Jaws with 4 pairs of dentate plates: MI = 1 + 1; MII = 7 + 8; MIII = 8 + 10; MIV = 1 + 1; 2 long maxillae support the destination of the maxillary apparatus and without unpaired median piece; jaws well developed. Capillary simple setae; composite bristles falcigers and spinigers; acicular setae bidentate.

Key of the genera of the family Eunicidae s. str.

- 1 1 only prostomial antenna..... Nematoneis
- 3 prostomial antennae..... ..2
- 5 prostomial antennae..... ..3
- 2 present gills..... Lysibranchia[=juvenile *Marphysa* (not a valid genus)]
- absent gills..... Lysidice
- 3 present tentacled cirri..... ..4
- absent tentacled cirri..... ..5
- 4 acicular setae & pectinate setae present..... ..6
- acicular setae & pectinate setae absent..... Palola
- 5 present gills..... *Marphysa*
- absent gills..... *Paramarphysa*
- 6 present gills..... ..7
- Absent gills..... *Eunice* (*Nicidion*)
- 7 composite setae falcigers..... *Eunice* s.s.
- composite setae spinigers..... *Euniphysa*

Translation from L. Harris (?date)

Comments in red added by K. Barwick 17Jan2011 (pers. comm. L. Harris 17Jan2011)