

Eutima *McCr.*

E. mira *McCr.*, Pl. 11, fig. 8. — *Charleston, South Carolina* (McCrady).

E. variabilis *McCr.* — *Charleston, South Carolina* (McCrady).

E. limpida *A. Ag.*¹ — *Buzzard's Bay: Naushon* (A. Agassiz).

E. pyramidalis *Ag.*² — *Florida: Key West* (Agassiz).

Orythia *Pér.* and *LeS.*;³ *DeBlainv.* (p. p.). — *Phorcynia* *Pér.* and *LeS.*⁴ — *Eirene* *Esch.* (p. p.).

O. viridis *Pér.* and *LeS.*; *DeBl.*, Pl. 34, fig. 1. — *Dianæa endrachtensis* *Q.* and *G.*; *DeBl.*, Pl. 34, fig. 2. — *Eirene endrachtensis* *Esch.* — *New Holland* (Péron and LeSueur).

Saphenia *Esch.* (not *Forbes*). — *Dianæa* *Q.* and *G.*⁵ — *Plancia* *Forbes.* — *Goodsirea* *Wright.* — *Geryonia* *Pér.* and *LeS.* (p. p.).

S. balearica *Esch.* — *Dianæa balearica* *Q.* and *G.*, *Zool. Uran.*, Pl. 84, fig. 3. — *Dianæa bitentaculata* *Q.* and *G.*, *Ann. Sc. Nat.*, Vol. X. Pl. 6, fig. 9. — *Saphenia bitentaculata* *Esch.* — *Coast of Valencia* and *Gibraltar* (Quoy and Gaimard).

S. dinema *Esch.* (non *Forbes*). — *Geryonia dinema* *Pér.* and *LeS.*; *Milne-Edw.*, in *Cur. Règn. An. Zooph.*, Pl. 54, fig. 1. — *Goodsirea mirabilis* *Wr.*, *Ed. Phil. Journ.*, 1859, Vol. X. Pl. 9, fig. 1. — *British Channel* (Péron and LeSueur).

¹ *Eutima limpida* *A. Ag.* Gelatinous proboscis not projecting more than the length of the diameter of the bell below the level of the veil. Digestive cavity long, terminating in a quadrangular flat disk, which may be folded into four simple lips. Genital organs narrow, extending one third of their length along the proboscis, and the remaining two thirds along the chymiferous tubes towards the circular tube, which they do not reach. Two marginal capsules between every two chymiferous tubes, and from twelve to thirteen granules, arranged in a semicircle, in each. Walls of the four large tentacles tapering gradually from circular tube; lateral cirrhi small, one on each side of the large tentacles; rudimentary tentacles numerous. Tentacles, digestive cavity, and ovaries perfectly colorless. Polar diameter half an inch; actinal diameter one and one eighth of an inch; length of proboscis two inches. — *Naushon, Buzzard's Bay* (A. Agassiz).

² *Eutima pyramidalis* *Ag.* Spherosome hemispherical; base of the gelatinous proboscis very

broad, tapering rapidly; the digestive cavity is short, terminating with four rounded leaflets with scalloped edges. The four larger tentacles are short, colorless. Polar diameter half an inch; actinal diameter seven eighths of an inch. — *Key West, Florida* (Agassiz).

³ The genus *Orythia* is only known from the description of Péron and LeSueur, and the later figure of Quoy and Gaimard, in the *Voyage of the Uranie*, who represent the same species, with its tentacles. Both are reproduced in *DeBlainville's Actinologie*.

⁴ The genus *Phorcynia* is founded upon decayed specimens, probably belonging to this genus.

⁵ The genus *Dianæa* *Lmk.* is worthless. It embraces *Medusæ* of at least eight different families, most of which had already been referred to separate genera by Péron and LeSueur, before Lamarek named it, and no one of which could be considered as the type of a new genus. Later authors, who have adopted the genus, have only made matters worse by adding other heterogeneous species.