

Zooplankton.

Sheet 28.

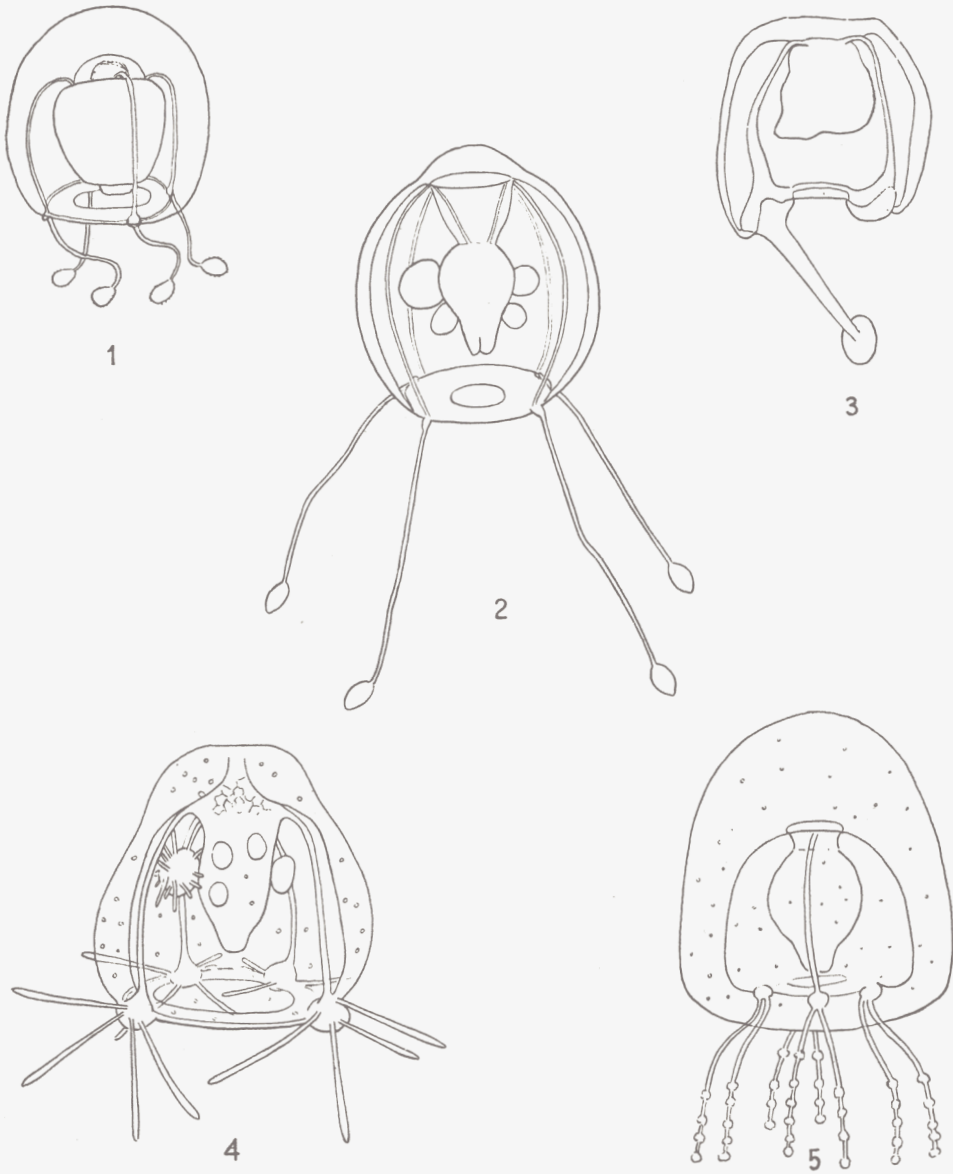
HYDROMEDUSAE

Family: Tubulariidae (contd.)

Family: Margelopsidae

(By F. S. Russell)

1950.



1. *Plotocnide borealis*. 2. *Eucodonium brownei*. 3. *Paragotoea bathybia*. 4. *Margelopsis haeckeli*.
5. *Margelopsis hartlaubi*.

Family TUBULARIIDAE (continued).

Mouth circular, simple. Gonads completely surrounding stomach. No ocelli on marginal tentacle bulbs.

Genus PLOTOCNIDE Wagner:

No pointed apical process; four tentacles each with single terminal swelling; scattered nematocysts on exumbrella surface.

Genus EUCODONIUM Hartlaub:

No pointed apical process; four tentacles each with single terminal swelling; stomachal peduncle present; no exumbrella nematocyst tracks.

Genus PARAGOTOEAE Kramp:

No pointed apical process; one tentacle with single terminal swelling; no exumbrella nematocyst tracks.

Species	Number of tentacles	Nematocyst armature on tentacles	Non-tentacular bulbs	Asexual budding	Maximum height	Remarks
1. <i>Plotocnide borealis</i> Wagner	4	single terminal swelling	—	—	mm. 3	—
2. <i>Eucodonium brownei</i> Hartlaub	4	single terminal swelling	—	From stomach	1	Stomach with peduncle
3. <i>Paragotoea bathybia</i> Kramp	1	single terminal swelling	3	—	1.3	—

Family MARGELOPSIDAE.

Mouth circular simple. Gonads completely surrounding stomach. No ocelli. Marginal tentacles in groups.

Genus MARGELOPSIS Hartlaub:

Four perradial groups of marginal tentacles.

4. *Margelopsis haeckeli* Hartlaub: 3—4 tentacles in each marginal group; umbrella 2 mm. high.
5. *Margelopsis hartlaubi* Browne: 2 tentacles in each marginal group; umbrella 3 mm. high.

Further Information on Identification.

1. *P. borealis* *): Jaschnov, 1939, pp. 108—113, Figs. 1—4; Kramp, 1942, p. 22, Fig. 5.
2. *E. brownei*: Browne, 1896, p. 473, Pl. XVI, Fig. 2; Hartlaub, 1907, p. 71, Fig. 67; ? Neppi & Stiasny, 1913, p. 14, Pl. I, Fig. 6.
3. *P. bathybia*: Kramp, 1942, p. 26, Fig. 7.
4. *M. haeckeli*: Hartlaub, 1897, p. 482, Pl. XVIb, Figs. 12—18; 1907, pp. 89 & 91, Figs. 84—86.
5. *M. hartlaubi*: Browne, 1903, p. 10, Pl. I, Fig. 2, Pl. III, Fig. 3; Hartlaub, 1907, p. 92, Fig. 89.

*) N.B. There is also a species known as *Plotocnide incertum* (Linko) described by Linko (1900) from the White Sea but not recorded since. It differs from *P. borealis* in having a stomachal peduncle and bands of nematocysts on the tentacles. It is not in fact a *Plotocnide* (Kramp, 1942): see Hartlaub, 1907, p. 70, Fig. 66.

Distribution

Species

Gulf of Bothnia	—
Gulf of Finland	—
Baltic proper	—
Belt Sea	—
Kattegat	2
Skagerak	—
Northern North Sea	5
Southern North Sea	4
English Channel (eastern)	—
English Channel (western)	2
Bristol Channel & Irish Sea	—
South & West Ireland and Atlantic	3*)
Faroe Shetland Area	—
Faroe Iceland Area	—
Norwegian Sea	—
Barents Sea	1

*) Recorded so far only from Davis Strait, but may be a deep-sea Atlantic species.

References.

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