Common Trawl Fauna in the Chukchi and Beaufort seas

Miscellaneous Taxa

Disclaimer:
This is not a complete guide to the trawl fauna of the Pacific Arctic. There are many other species that are not presented in this guide. Most identifications of the depicted organisms have been verified by a variety of taxonomic experts but small taxonomic features may not be clearly visible in the images and could lead to confusion with similar taxa. As such, it is recommended that identification of new collections may be aided by this guide but that final identifications should be confirmed on vouchers by taxonomic experts.

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### Boltenia ovifera

- **Not stalked**
- Distinct “spiky” tunic cover
- **2 cm**

### Boltenia villosa

- **Stalked**
- Can be fuzzy when small
- **1 cm**

### Boltenia echinata

- **Not stalked**
- Distinct “spiky” tunic cover
**Ascidiacea**

*Halocynthia aurantium*

- Often many small individuals

*Styela rustica*

*Dendrodoa lineata*

*Pelonaia corrugata*
Ascidiacea

**Ascidiella callosa**
- Thick tunic
- Solitary tunicate
- Can be transparent or brownish

**Ascidiella obliqua**
- "Eggplant" shape, large size
- Adjacent siphons on upper surface

**Molgula retortiformis**
- Often overgrown
- Distinct "snorkel-like" siphon extension
Molgula griffithsii

Distinct honey-comb pattern
Often in groups
On rocks or epizoic

Chelyosoma macleayanum
**Distaplia occidentalis**

![Distaplia occidentalis](image1)

**Distaplia alaskensis**

![Distaplia alaskensis](image2)

**Eudistoma parvum**

![Eudistoma parvum](image3)
**Synoicum pulmonaria**

Encrusting, soft colony texture

**Diplosoma listerianum**

Encrusting, soft colony texture

**Polyclinum sp.**

Large, oval-shaped, colonial
**Ascidiacea**

**Didemnum albidum**

Usually white or grey, but can be pink

**Trididemnum sp.**

Ascidia grey or pink colonial, overgrowing other organisms
**Porifera**

*Echinoclathria beringensis* (previously: *Phakellia*)

*Suberites luetkeni* (previously: *Choanites*)
**Porifera**

**Semisuberites cibrosa** (previously: *Phakellia*)

**Polymastia** sp

**Vulcanella** sp

**Haliclona** sp

**Halichondria** sp
**Stomphia sp.**

Always attached to snail shells, common in Beaufort but not the Chukchi

**Hormathia nodosa**

**Allantactis parasitica**

Always attached to snail shells, common in Beaufort but not the Chukchi
Zoanthidea

Metridium sp.
**Amphianthus sp.**

Flattened, but it can also be ball- or column-shaped

**Anthosactis janmayeni**

Flattened, but it can also be ball- or column-shaped

**Edwardsia sp.**

Mostly buried in sediment
*Gersemia spp.* (Nephtheidae)

Multiple species, some can only be distinguished microscopically

*Umbellula sp.*

*Tubularia sp.*
Lafoeina maxima

Look like pipe cleaners
Alcyonidium gelatinosum
Can form strings several meters long

Alcyonidium disciforme

Eucratea loricata
Greyish-colored dense bushes

Many others......
Brachiopoda