

SPECIES INFORMATION SHEET

Epitonium clathratulum

English name: –	Scientific name: <i>Epitonium clathratulum</i>	
Taxonomical group: Class: Gastropoda Order: Caenogastropoda incertae sedis Family: Epitoniidae	Species authority: Kanmacher, 1798	
Subspecies, Variations, Synonyms: <i>Hyaloscala clathratula</i> (Kanmacher, 1798)	Generation length: –	
Past and current threats (Habitats Directive article 17 codes): Unknown (U)	Future threats (Habitats Directive article 17 codes): Unknown (U)	
IUCN Criteria: –	HELCOM Red List Category:	DD Data Deficient
Global / European IUCN Red List Category: NE/NE	Habitats Directive: –	
Protection and Red List status in HELCOM countries: Denmark –/–, Estonia –/–, Finland –/–, Germany –/* (Not threatened, incl. North Sea), Latvia –/–, Lithuania –/–, Poland –/–, Russia –/–, Sweden –/DD		

Distribution and status in the Baltic Sea region

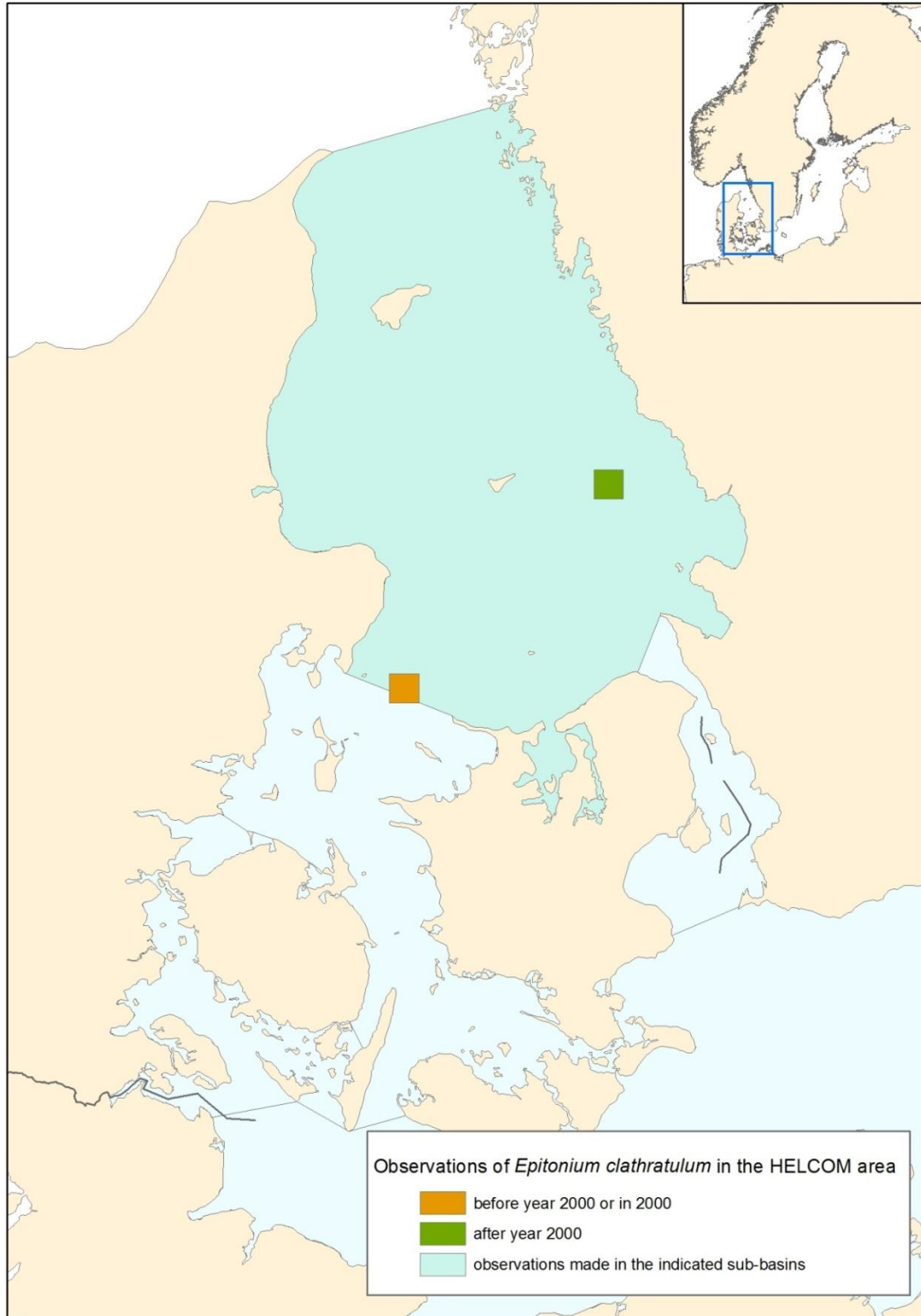
The species is reported to occur sparsely in Scandinavian waters, along the Norwegian coast down to the Skagerrak, the Kattegat and the northern part of the Sound. Only two recent findings are known from the Kattegat in recent time, from 1995 and 2007. The latter of these records came from the shallow offshore bank Röde bank. From the Skagerrak one record from Väderöarna was reported in 2002. No other information is available. The species has probably always been rare, but may have become even rarer in later years. Outside the HELCOM area the species ranges from the western Mediterranean to Norway. The species is rare also in Norway, where it was listed as DD in the Norwegian Red List 2010. In the British Isles, it has been found mainly in the south west, but there are recent records from Galway Bay, Orkney and the southern North Sea.

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Distribution map

The geo-referenced records of species obtained from the species database of the Swedish Species Information Centre (Artportalen).



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Habitat and Ecology

E. clathratulum lives on soft bottoms between depths of 30 and 100 meters. It feeds on sea anemones. The species is a consecutive hermaphrodite, changing sex each season. The egg capsules, which are attached to sand grains, hatch into veliger larvae.

Description of major threats

It is not known whether the species is subject to any specific threats or not.

Assessment justification

Very limited data is available. The species has always been rare, but it is suspected that it has become even more rare in later years. The information available is insufficient to determine which of the redlist categories that is most likely, and the species is therefore categorized as Data Deficient (DD).

Recommendations for actions to conserve the species

As there are only two recent findings for the species within the HELCOM area it is difficult to suggest specific measures. In general, shallow soft bottoms are subject to intense trawling and sedimentation caused by trawling and eutrophication

Common names

Denmark: : lille vindeltrappesnegl, Estonia: –, Finland: –, Germany: –, Latvia: –, Lithuania: –, Poland: –, Russia: –, Sweden: sandfinger

References

- Artsdatabanken 2010. Norwegian Red List 2010. Species information available at <http://www.artsportalen.artsdatabanken.no/#/Rodliste2010/Vurdering/Epitonium+clathratulum/24576>
- Bjelke, U., Gärdenfors, U., Karlsson, A., Agrenius, S., Berggren, M., Cedhagen, T., Hansson, H. G., Kautsky, H., Lundberg, S., Lundin, K., Lundälv, T., von Proschwitz, T., Schander, C. & Smith, S. 2010. Blötdjur – Molluscs. Mollusca. In Gärdenfors, U. (ed.) Rödlistade arter i Sverige 2010 – The 2010 Red List of Swedish Species. ArtDatabanken, SLU, Uppsala. P. 495–505. Red List categories available also at <http://www.artfakta.se/GetSpecies.aspx?SearchType=Advanced>
- Graham, Alastair, F.R.S. 1988. Molluscs: Prosobranch and Pyramidellid Gastropods. Synopses of the British Fauna. Linnean Society of London.
- Göransson, P. 2010. *Epitonium clathratulum*. Artfaktblad. Artdatabanken, SLU. 2010-01-19. Available at http://www.artfakta.se/Artfaktblad/Epitonium_Clathratulum_102784.pdf
- Hansson, H. G. 1998. Sydkandinaviska marina flercelliga evertebrater. Utgåva 2. Marine Species Identification Portal. Available at http://species-identification.org/species.php?species_group=mollusca&id=678
- Rachor, E., Bönsch, R., Boos, K., Gosselck, F., Grotjahn, M., Günther, C.-P., Gusky, M., Gutow, L., Heiber, W., Jantschik, P., Krieg, H.-J., Krone, R., Nehmer, P., Reichert, K., Reiss, H., Schröder, A., Witt, J. & Zettler, M. L. 2012. Rote Liste und Artenliste der bodenlebenden wirbellosen Meerestiere. Vierte Fassung, Stand Dezember 2007, einzelne Aktualisierungen bis 2012. Naturschutz und Biologische Vielfalt 70(2). Bundesamt für Naturschutz.
- Swedish Species Gateway. Swedish Species Information Centre and Swedish Environmental Protection Agency. Available at www.artportalen.se.
- World Register of Marine Species WoRMS. Available at <http://www.marinespecies.org/aphia.php?p=taxdetails&id=139718>