

SPECIES INFORMATION SHEET

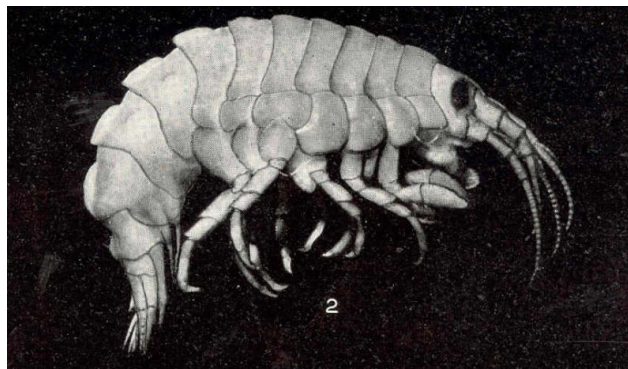
Gammarellus angulosus

English name: –	Scientific name: <i>Gammarellus angulosus</i>	
Taxonomical group: Class: Malacostraca Order: Amphipoda Family: Gammarellidae	Species authority: Rathke, 1843	
Subspecies, Variations, Synonyms: <i>Gammarus angulosus</i> Rathke, 1843	Generation length: 1 year	
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 –/R (Extremely rare, incl. North Sea), Latvia –/–, Lithuania –/–, Poland –/–, Russia –/–, Sweden –/–		

Distribution and status in the Baltic Sea region

Gammarellus angulosus is a littoral or sublittoral Atlantic amphipod that has been found in the HELCOM area only from the Kattegat and Little Belt. It is suspected that the species has declined.

Outside the Baltic area the species is found in the North Atlantic and Arctic Ocean; American and European coasts; Baltic and North Sea. European coasts from northern Norway to Mediterranean (MSIP).



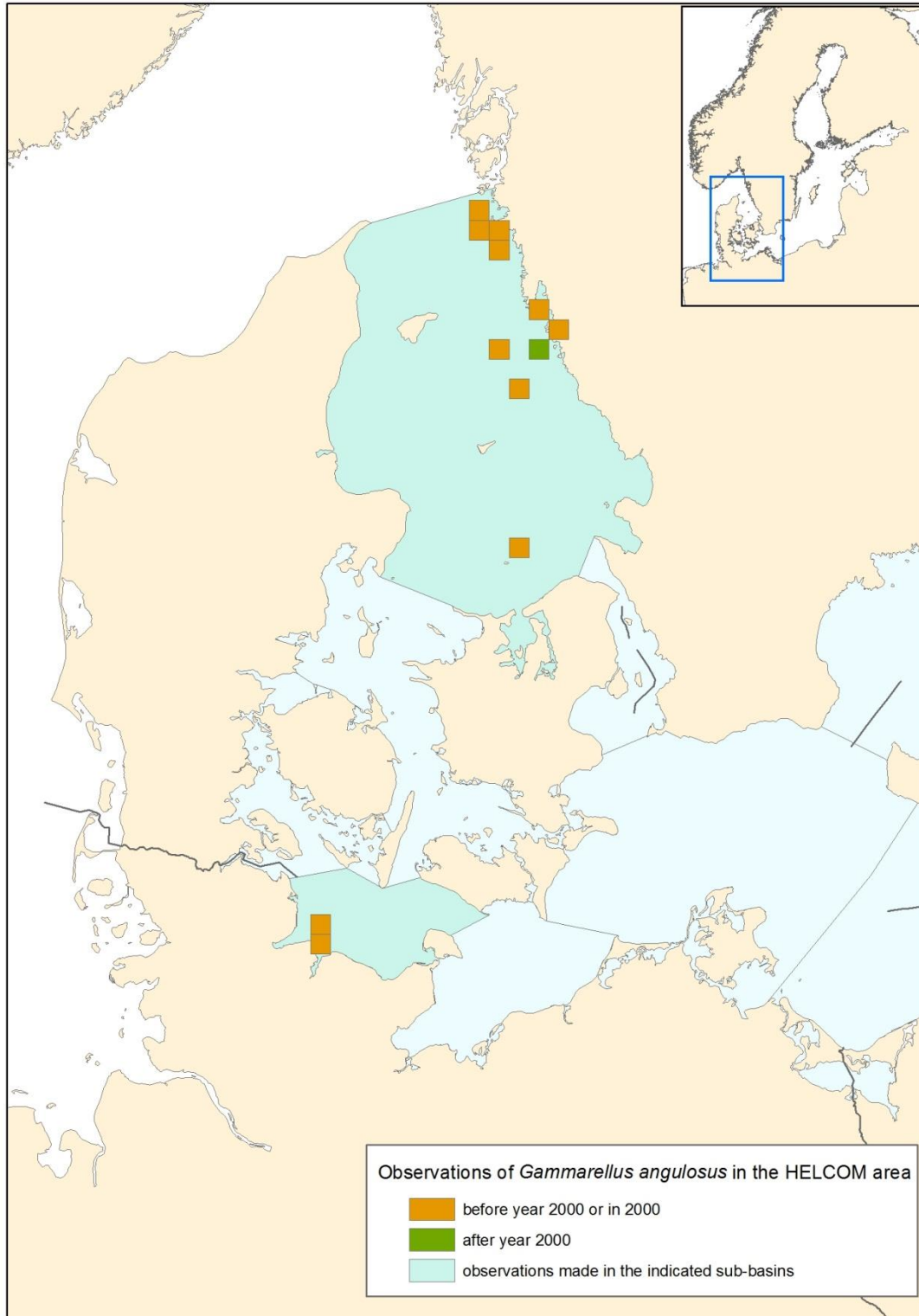
Gammarellus angulosus. Photo by Freshwater and Marine Image Bank.

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Distribution map

The georeferenced records of species compiled from the databases of the Swedish Species Information Centre (Artportalen), the Swedish Meteorological and Hydrological Institute, and the Leibniz Institute for Baltic Sea Research (IOW).



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Habitat and Ecology

G. angulosus is a marine amphipod that typically occurs in the intertidal or shallow subtidal zone on the Atlantic coasts (MSIP). It is often found clinging to algae of highly exposed rocky shores (Steele & Steele 1972).

Description of major threats

Not known.

Assessment justification

The population of *G. angulosus* is geographically restricted in the HELCOM area and it may have experienced a dramatic decline but this is not known for sure. There are only historical data available from Sweden. No findings were made during the extensive inventories conducted by the Swedish Taxonomy Initiative in 2006–2008. Most findings are from the 1920s–30s, and there is only one recent finding from Kattegat. The species is categorized as Data Deficient (DD).

Recommendations for actions to conserve the species

The knowledge of the distribution and biology of the species should be improved before any other recommendations can be given.

Common names

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

References

- IOW database. Observational data from the database of the Leibniz Institute for Baltic Sea Research. Marine Species Identification Portal. Available at http://species-identification.org/species.php?species_group=crustacea&id=326
- 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.
- SMHI database. Observational data for zoobenthos from the database of the Swedish Meteorological and Hydrological Institute, all observations 1971–2010. Downloaded in 9 April 2011.
- Steele, D.H., Steele, V.J. 1972. Biology of *Gammarellus angulosus* (Crustacea, Amphipoda) in the northwestern Atlantic. Journal of Fishery Research Board of Canada 29: 1337–1340.
- 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=102251>.