

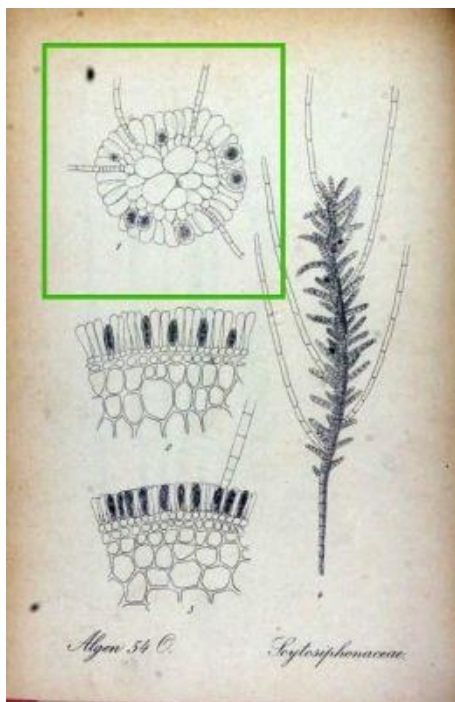
## SPECIES INFORMATION SHEET

*Delamarea attenuata*

|  |   |                              |
|--|---|------------------------------|
| English name:<br>–   | Scientific name:<br><i>Delamarea attenuata</i>                    |                              |
| Taxonomical group:<br>Class: Phaeophyceae<br>Order: Ectocarpales<br>Family: Chordariaceae  | Species authority:<br>(Kjellman) Rosenvinge 1893                  |                              |
| Subspecies, Variations, Synonyms: –  | Generation length: probably 1                                     |                              |
| Past and current threats (Habitats Directive article 17 codes): Unknown (U)  | Future threats (Habitats Directive article 17 codes): Unknown (U) |                              |
| IUCN Criteria:<br>–  | <b>HELCOM Red List Category:</b>                                  | <b>DD<br/>Data Deficient</b> |
| Global / European IUCN Red List Category<br>NE/NE  | Habitats Directive:<br>–  |                              |
| Protection and Red List status in HELCOM countries:<br><u>Denmark</u> –/–, <u>Estonia</u> –/–, <u>Finland</u> –/–, <u>Germany</u> –/–, <u>Latvia</u> –/–, <u>Lithuania</u> –/–, <u>Poland</u> –/–, <u>Russia</u> –/–, <u>Sweden</u> –/DD |   |                              |

**Distribution and status in the Baltic Sea region**

*Delamarea attenuata* is a northern marine species of brown algae. In the Baltic Sea region it has only been found in Kattegat, Great Belt and Little Belt. The most recent records are from 1990s and they concern all the three subbasins. The species is easily overseen but is probably also genuinely rare, as it is rare also in Norway.

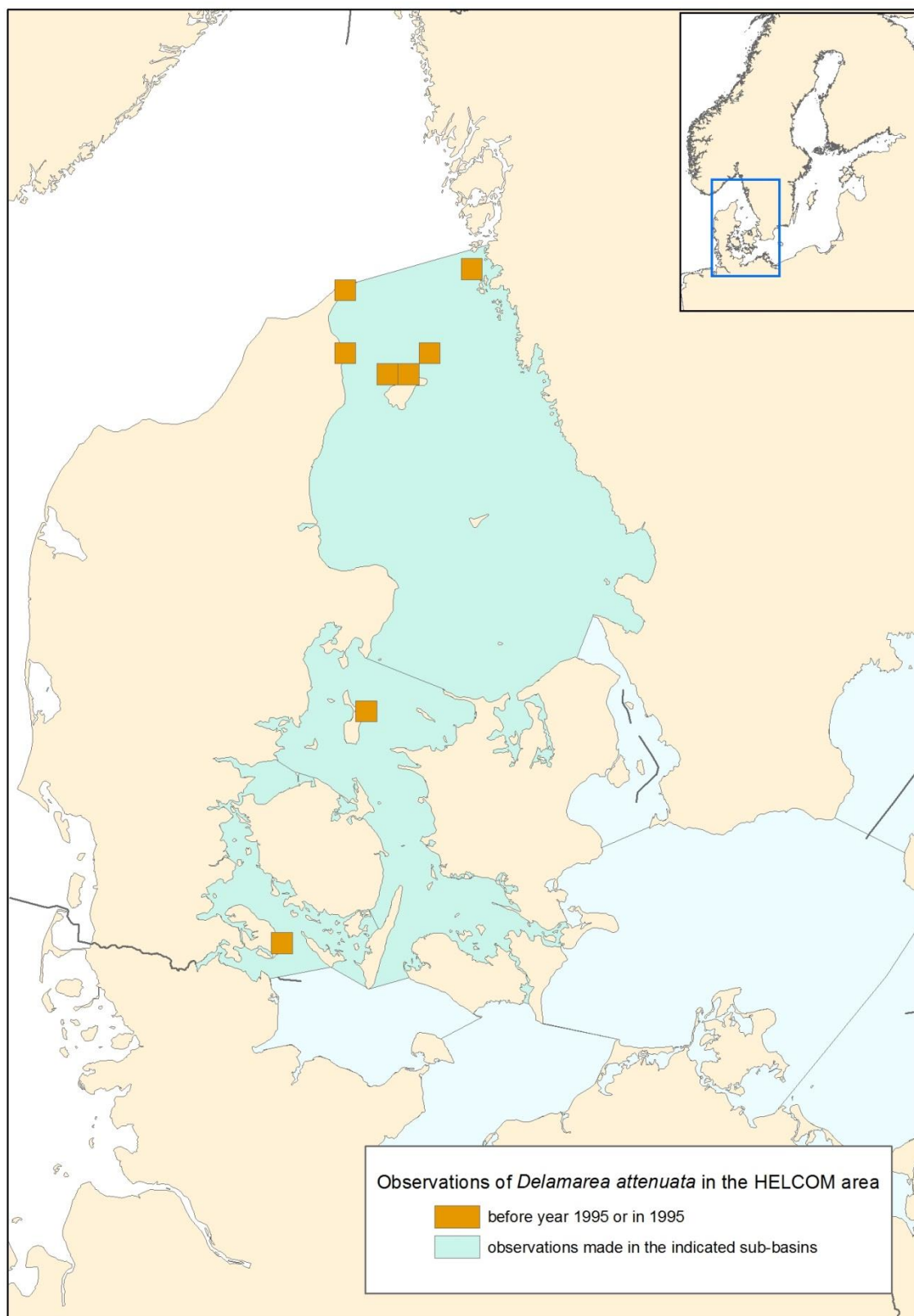


*Delamarea attenuata*. Source: www.biolib.de

## SPECIES INFORMATION SHEET

*Delamarea attenuata***Distribution map**

The records of species compiled by Gustav Johansson from Swedish and Danish literature and/or databases, e.g. from Danish national database for marine data (MADS).



## SPECIES INFORMATION SHEET

## *Delamarea attenuata*

### Habitat and Ecology

A northern, marine species that can be found epilithic, epiphytic and epizootic (on bryozoans) down to 10 m depth.

### Description of major threats

Raised temperature due to climate change might be a threat for this species.

### Assessment justification

There are only four records of *D. attenuata* from Kattegat, Great Belt and Little Belt from 1990s. Additionally there are about ten older records from Kattegat. It is a northern marine species that is rare also in Norway. It can be easily overseen and there is not enough data to evaluate any possible trends. The species is categorized as Data Deficient (DD).

### Recommendations for actions to conserve the species

The knowledge on the distribution and habitats of this species, as well as potential trends in its population, should be improved before any recommendations can be given.

### Common names

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

### References

- Danish Biodiversity Information Facility, Botanical Museum, Copenhagen, the Phycology Herbarium.  
 Johansson, G., Aronsson, M., Bengtsson, R., Carlson, L., Kahlert, M., Kautsky, L., Kyrkander, T., Wallentinus, I. & Willén, E. (2010). Alger – Algae. Nostocophyceae, Phaeophyceae, Rhodophyta & Chlorophyta. In Gärdenfors, U. (ed.) Rödlistade arter i Sverige 2010 – The 2010 Red List of Swedish Species. ArtDatabanken, SLU, Uppsala. P. 223–229. Red List categories available also at <http://www.artfakta.se/GetSpecies.aspx?SearchType=Advanced>
- Kuylensstierna, M. (1989–90). Benthic algal vegetation in the Nordre Älv estuary (Swedish west coast) vols 1–2. PhD Thesis, Department of Marine Botany, University of Göteborg, 244 + 162 pp.
- MADS, The Danish national database for marine data. NERI: University of Aarhus; National Environmental Research Institute. Downloaded in August–September 2010.
- Wallentinus, I. (2012). *Delamarea attenuata* småsnöre. Artfaktablad. Artdatabanken, SLU. 2012-01-11. Available at [http://www.artfakta.se/Artfaktablad/Delamarea\\_Atenuata\\_232657.pdf](http://www.artfakta.se/Artfaktablad/Delamarea_Atenuata_232657.pdf)