

## SPECIES INFORMATION SHEET

*Stypocaulon scoparium*

English name: –	Scientific name: <i>Stypocaulon scoparium</i>	
Taxonomical group: Class: Phaeophyceae Order: Sphacelariales Family: Stypocaulaceae	Species authority: (Linnaeus) Kützing 1843	
Subspecies, Variations, Synonyms: <i>Halopteris scoparia</i> (Linnaeus) Sauvageau 1904	Generation length: –	
Past and current threats (Habitats Directive article 17 codes): Unknown (U)	Future threats (Habitats Directive article 17 codes): Unknown (U)	
IUCN Criteria: –	<b>HELCOM Red List Category:</b>	<b>DD Data Deficient</b>
Global / European IUCN Red List Category NE/NE	Habitats Directive: –	
Protection and Red List status in HELCOM countries: <u>Denmark</u> –/–, <u>Estonia</u> –/–, <u>Finland</u> –/–, <u>Germany</u> <b>0</b> (Extinct), <u>Latvia</u> –/–, <u>Lithuania</u> –/–, <u>Poland</u> –/–, <u>Russia</u> –/–, <u>Sweden</u> –/DD		

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

There are no recent records of *Stypocaulon scoparium* in the Baltic Sea. There are several records from the eastern coast of Sweden (Bothnian Sea, Åland Sea, Northern Baltic Proper, Western and Eastern Gotland Sea) from the 1950s. Some of these localities have been revisited with no recoveries. There are also some older records from Finland (Gulf of Finland), Germany (Kiel Bay), Denmark (Kattegat, Great and Little Belt) and the Swedish west coast (Kattegat, The Sound).

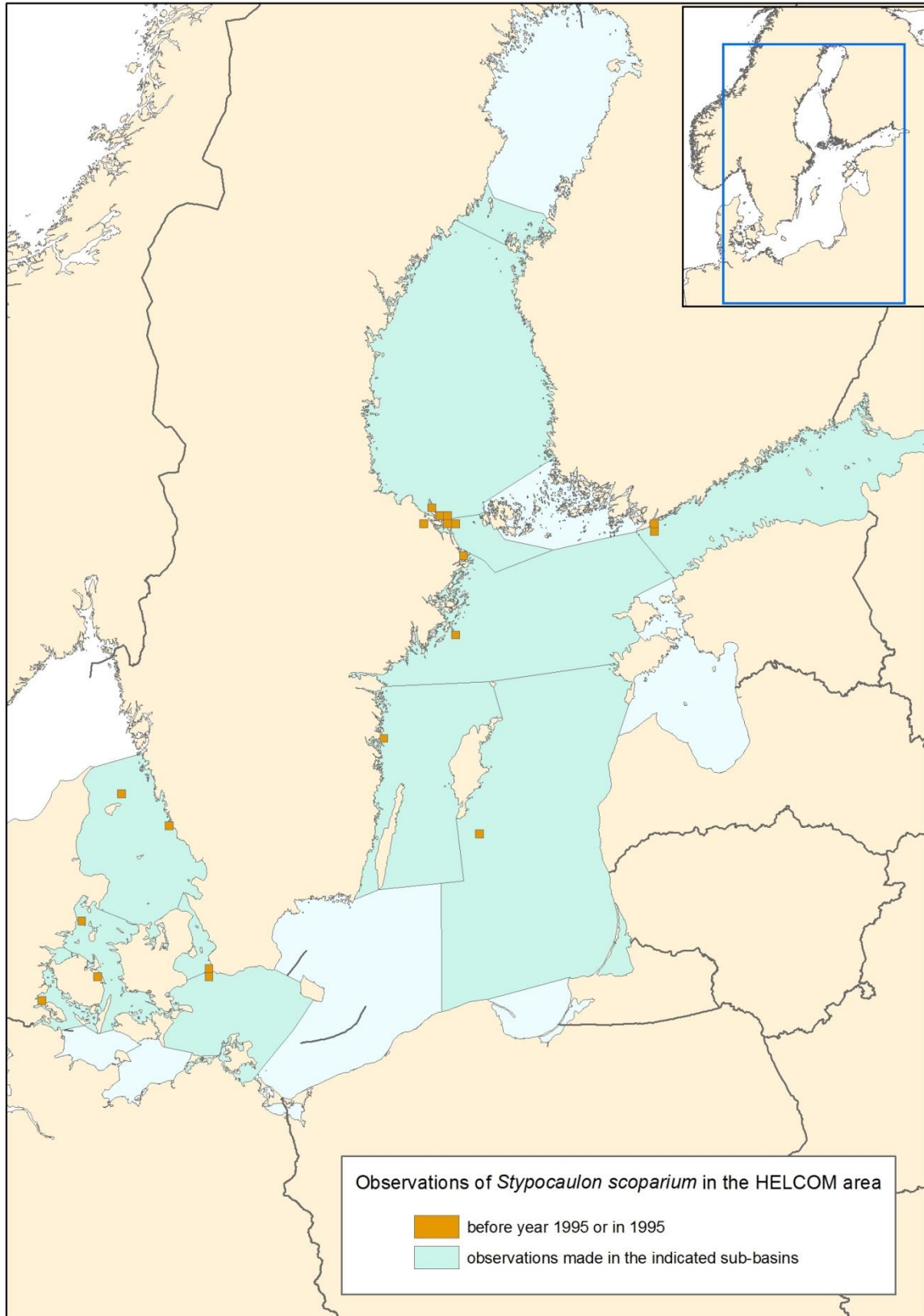


*Stypocaulon scoparium*. Photo by Bárbara Ignacio.

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*Stypocaulon scoparium***Distribution map**

The records of species compiled from literature and from the Danish Biodiversity Information Facility (Botanical Museum, Copenhagen).



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### Habitat and ecology

*S. scoparium* is a marine species normally growing epilithically. However, most records in the HELCOM area have been "loose-and-entangled", especially the large material found by Mats Wærn in the Öregrund archipelago. Apparently this species can tolerate salinities down to 5 psu.

### Description of major threats

Not known.

### Assessment justification

*Stypocaulon scoparium* is a southern species that is seldom found east of the British Isles. The information available is insufficient to determine which of the red list categories would be most likely. The records from the east coast of Sweden from the 1950s are peculiar and further investigations at the sites where it was most abundant are suggested.

### Recommendations for actions to conserve the species

The knowledge of the distribution, ecology and possible population trends of the species should be improved before any specific recommendations can be given.

### Common names

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

### References

- Carlsson, L. (2005). *Halopteris scoparia* taggtofs. Artfaktablad. Artdatabanken. Available at: [http://www.artfakta.se/Artfaktablad/Halopteris\\_Scoparia\\_232747.pdf](http://www.artfakta.se/Artfaktablad/Halopteris_Scoparia_232747.pdf)
- 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>
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- Schories D, Härdle E, Kaminski E, Kell V, Kühner E & Pankow H. (1996). Rote Liste und Florenliste der marinen Makroalgen (Chlorophyceae, Rhodophyceae et Fucophyceae) Deutschlands in Merck, T and H von Nordheim (1996). Rote Listen und Artenlisten der Tiere und Pflanzen des deutschen Meeres- und Küstenbereichs der Ostsee. Schriftenreihe für Landschaftspflege und Naturschutz, 48. Bundesamt für Naturschutz (BfN): Bonn, Germany. ISBN 3-89624-104-4. 108 pp.
- Wærn, M. (1945). Remarks on some Swedish Sphacelariaceae. Svensk Botanisk Tidskrift 39: 396–418.
- Wærn, M. (1952). Rocky-shore algae in the Öregrund archipelago. Acta Phytogeographica Suecica 30.