

Nototropis falcatus

Nototropis falcatus is a species of amphipod crustacean. It is whitish in colour, with brown patches, and grows to a total length of around 7 mm (0.3 in). It lives on soft sediment such as fine sand at depths of 10 to 50 metres (33 to 164 ft), from northern Norway to the west coast of Ireland, including the North Sea,^[3] and as far south as the southern Bay of Biscay.^[4]

Contents

Description

Ecology

References


External links

Description

Nototropis falcatus has a laterally flattened body and grows to a length of about 7 mm (0.3 in). It is whitish with patches of brown. The head has a small acute rostrum and wavy-edged lateral lobes. The compound eyes are large, especially so in the male. The first antenna of the female is about one third of the length of the body, and the second antenna is slightly longer than the first; the antennae of the male are longer than those of the female. The pereon or thoracic segments are short while the pleon or abdominal segments are long. The first three pleon segments are either smooth or have a small notch or tooth on the rear margin. The third pereiopod or thoracic leg is particularly stout and has a curved propodus (penultimate joint) and powerful dactylus (claw); the fourth pereiopod is smaller; in males, these two legs have long, plumose setae (bristles). The basal segments of the first three pleopods or abdominal legs are much enlarged. The abdomen ends in a short telson, cleft for three quarters of its length, which is flanked by uropods to form a tail fan.^{[3][5]}

Ecology

This amphipod can swim using its abdominal legs and orienting itself on its side and can also burrow in the soft substrate.^[6] It probably feeds by grazing on plant material and consuming detritus.^[7]

<i>Nototropis falcatus</i>	
 <div></div>	
Scientific classification	
Kingdom:	Animalia
Phylum:	Arthropoda
Subphylum:	Crustacea
Class:	Malacostraca
Order:	Amphipoda
Suborder:	Gammaridea
Family:	Atylidae
Genus:	<i>Nototropis</i>
Species:	<i>N. falcatus</i>
Binomial name	
<i>Nototropis falcatus</i> (Metzger, 1871)	
Synonyms ^[2]	
<div><ul style="list-style-type: none">▪ <i>Atylus falcatus</i> Metzger, 1871▪ <i>Atylus uncinatus</i> G. O. Sars, 1883▪ <i>Paratylus unciatus</i> Sars, 1883▪ <i>Nototropis uncinatus</i> O. Sars, 1883^[1]</div>	

References

1. Thomas Scott (1906). "Land, Fresh-water and Marine Crustaceans". *Proceedings of the Royal Physical Society of Edinburgh*. Royal Physical Society of Edinburgh. **16**: 381. citing Thomas R. R. Stebbing, *Amphipoda I. Gammaridea*, 1906
2. Jim Lowry, Mark Costello & Denise Bellan-Santini (2011). Lowry J (ed.). "*Nototropis falcatus* (Metzer, 1871)" (<http://www.marinespecies.org/aphia.php?p=taxdetails&id=102139>). *World Amphipoda database*. World Register of Marine Species. Retrieved December 10, 2011.
3. M.J. de Kluijver; S.S. Ingalsuo. "*Atylus falcatus*" (http://species-identification.org/species.php?species_group=crustacea&id=308). *Macrobenthos of the North Sea : Crustacea*. Marine Species Identification Portal. Retrieved 11 April 2020.
4. Bachelet, G.; Dauvin, J.-C.; Sorbe, J.C. (2003). An updated checklist of marine and brackish water Amphipoda (Crustacea: Peracarida) of the southern Bay of Biscay (NE Atlantic). *Cah. Biol. Mar.* 44(2): 121-151
5. Hayward, Peter J.; Ryland, John Stanley (2017). *Handbook of the Marine Fauna of North-West Europe* (https://books.google.com/books?id=Ltv_DQAAQBAJ&pg=PA357). Oxford University Press. p. 357. ISBN 978-0-19-954944-3.
6. Ruppert, Edward E.; Fox, Richard, S.; Barnes, Robert D. (2004). *Invertebrate Zoology, 7th edition*. Cengage Learning. p. 655. ISBN 978-81-315-0104-7.
7. Taylor, Andrew. "*Nototropis falcatus*" (<https://astronomy-to-zoology.tumblr.com/post/123671382836/nototropis-falcatus-is-a-species-of-gammarid>). Let's do some Zoology. Retrieved 12 April 2020.

External links

-  Media related to *Nototropis falcatus* at Wikimedia Commons
-  Data related to *Nototropis falcatus* at Wikispecies
- World Register of Marine Species (<http://www.marinespecies.org/aphia.php?p=taxdetails&id=102139>)

Retrieved from "https://en.wikipedia.org/w/index.php?title=Nototropis_falcatus&oldid=953211725"

This page was last edited on 26 April 2020, at 07:27 (UTC).

Text is available under the Creative Commons Attribution-ShareAlike License; additional terms may apply. By using this site, you agree to the [Terms of Use](#) and [Privacy Policy](#). Wikipedia® is a registered trademark of the [Wikimedia Foundation, Inc.](#), a non-profit organization.