



fan worm

Myxicola infundibulum (Renier, 1804) Annelida: Polychaeta: Sabellidae

Status

Uncertain Status

Other Common Names	<i>None Listed</i>
Scientific Synonyms	<i>None Listed</i>
Host Types	Marine

Distribution - Regions	Africa Australasian - Oceanian Europe and Northern Asia Mediterranean Basin South and South-East Asia
-------------------------------	---

Distribution - Notes	
-----------------------------	--

Diagnostic Characters:	<p>Gelatinous tube.</p> <p>Branchial lobes fused dorsally. Radioles numerous, usually more than 8 pairs and increasing with size of worm. Palmate membrane present. Radiolar flange radiolar flange not forming expanded rounded flanges at tips of radioles. Present. Paired stylodes absent. Radiolar eyes absent. Anterior margin of peristomial ring unmodified, of low, even height all around. Narrow, about as long as wide. Distal end entire. Posterior peristomial ring collar absent or vestigial. Dorsal lips with dorsal radiolar appendages. Lacking dorsal pinnular appendages.</p> <p>Glandular girdle on chaetiger 2 absent. Anal depression absent.</p> <p>Notochaetae of chaetiger 1 comprise a bundle of 2 rows similar to remaining thoracic notochaetae. Superior thoracic notochaetae elongate, narrowly hooded. Inferior thoracic notochaetae, anterior row (chaetiger 4) absent. Inferior thoracic notochaetae, posterior row (chaetiger 4) absent. Teeth of thoracic uncini equal in size in series above main fang. Breast poorly developed, chaeta acicular in appearance (perhaps with a small swelling proximal to the main fang). Handle very long, at least 4 times length of neck of uncinus. Thoracic neuropodial companion chaetae absent. Abdominal uncini almost entirely encircle each segment. Abdominal notopodial uncini with a distinct main fang and several smaller teeth above. Breast well developed. Handle absent. Anterior abdominal neurochaetae, posterior row absent. Posterior abdominal neurochaetae, anterior row elongate, narrowly hooded.</p>
Broad Sweep	Marine
Commodity	Marine
Specifics	
Specimen Contact Point	discoverycentre@museum.vic.gov.au
Name	Robin Wilson
Web links	<i>None Listed</i>
Padil links	European fan worm fan worm

References

Fitzhugh, K. 1989. A systematic revision of the Sabellidae-Caobangiidae-Sabellongidae complex (Annelida: Polychaeta). *Bulletin of the American Museum of Natural History* 192: 1-104.

Acknowledgements

Citation

Wilson, R. & Dane, E. (2008) fan worm (*Myxicola infundibulum*) Pest and Diseases Image Library. Updated on 13/06/2008 2:35:42 PM. Available online: <http://www.padil.gov.au>

Last Updated

13/06/2008 2:35:42 PM

Diagnostic Images

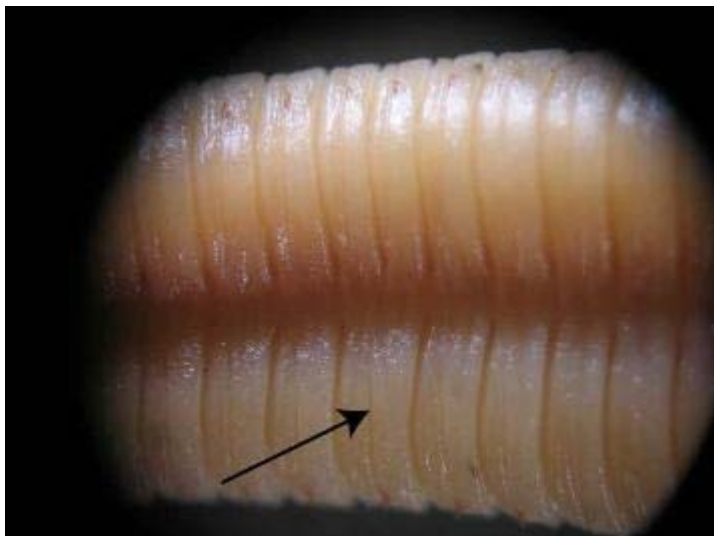
Feeding tentacles



Caption: Feeding tentacles of live animal

Source: Julian Finn, Museum Victoria

Posterior (abdominal) chaetae



Caption: Section of the abdomen showing the ring of uncini (modified chaetae) which almost completely encircle each segment

Source: E. Dane, Museum Victoria

Overview Images

Anterior end



Caption: SEM photo of part of the thorax, including part of the branchial crown with fused radioles.

Source: Joan Clark, University of Melbourne

Body form



Caption: Whole animal

Source: E. Dane, Museum Victoria



Full size images available at <http://www.padil.gov.au>.