



life span dispersal ability  
adult movement vulnerability  
**size** feeding habit  
flexibility mobility  
environmental position  
habitat type diet type fragility  
fecundity maturity  
fertilization type  
larval development

## MACROFAUNAL BIOLOGICAL TRAITS

This is supplementary material to:

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Shojaei, M. G., Gutow, L., Dannheim, J., Pehlke, H., & Brey, T. (2015). Functional diversity and traits assembly patterns of benthic macrofaunal communities in the southern North Sea. In *Towards an Interdisciplinary Approach in Earth System Science* (pp. 183-195). Springer International Publishing.

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## OSM.1 Traits and their modalities used to assess functional composition

Traits	Modalities	code
Feeding habit	Surface deposit feeder	F.SDF
	Sub-surface deposit feeder	F.SSDF
	Suspension feeder	F.SF
	Interface feeder	F.IF
	Predator	F.PR
	Grazer	F.GR
	Parasite	F.PA
Environmental position	Epifauna	EP.EF
	Infauna	EP.I
Adult movement	Swimmer	AM.SW
	Crawler	AM.CR
	Burrower	AM.B
	Sessile	AM.SE
Diet type	Omnivore	DT.O
	Carnivore	DT.C
	Herbivore	DT.H
Larval development	Direct	LD.D
	Lecithotrophic	LD.L
	Planktotrophic	LD.P
Sexual differentiation	Gonochoristic	SD.G
	Hermaphrodite	SD.H
Adult longevity (years)	<1	AL.1
	1-2	AL.2
	3-10	AL.10
	10+	AL.10p
Habit	Burrow dweller	Ha.BD
	Free living	Ha.FL
	Tubicolous	Ha.TB
	Attached	Ha.A
Fertilization Type	Internal	FT.I
	External	FT.E
Age at maturity (years)	<1	MA.1
	1-2	MA.2
	3-4	MA.4
	4+	MA.4p
Larval phase mobility	Brooded or laid egg	LM.B
	Short term planktonic	LM.S
	Long term planktonic	LM.L
Maximum size of organism (cm)	<1	SO.1
	1-10	SO.10
	11-20	SO.20
	20+	SO.20p
Dispersal potential	Low	DP.L
	Medium	DP.M
	High	DP.H

**OSM. 2** Fuzzy-scored biological traits of benthic macrozoobenthose in the North Sea. See ESM. 1 for full modality names

- Part 1 => modalities 1-26 , Part 2 => modalities 17-52
- Click on blue-box to see part 2

>> Click here to see part 2

Species	Feeding habit							Envi-Position		Adult movement				Diet type			Larval Development			Sexual Diff-		Adult longevity			
	F.SDF	F.SSDF	F.SF	F.IF	F.PR	F.SL	F.GR	F.PA	EP.EF	EP.I	AM.Sw	AM.C	AM.B	AM.Se	DT.O	DT.C	DT.H	LD.D	LD.L	LD.P	SD.G	SD.H	AL.1	AL.2	AL.10
<i>Abra alba</i>	0	0	0	3	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	3	0	0
<i>Abra nitida</i>	2	2	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	2	2	0
<i>Acrocrida brachiata</i>	0	0	0	3	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	0	0
<i>Ampelisca brevicornis</i>	0	0	0	3	0	0	0	2	1	2	0	2	0	3	0	0	3	0	0	3	0	0	3	0	0
<i>Ampelisca tenuicornis</i>	0	0	0	3	0	0	0	3	0	2	0	2	0	3	0	0	3	0	0	3	0	0	3	0	0
<i>Ampharete spp.</i>	0	0	0	3	0	0	0	0	3	0	1	2	0	3	0	0	3	0	0	3	0	0	0	3	0
<i>Amphiura chiajei</i>	3	0	0	0	0	0	0	0	3	0	2	2	0	3	0	0	3	0	3	3	0	0	0	3	0
<i>Amphiura filiformis</i>	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	0	3	3	0	0	0	0	3
<i>Anobothrus gracilis</i>	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0
<i>Anoplodactylus petiolatus</i>	0	0	0	0	3	0	0	3	0	2	2	0	0	0	3	0	0	0	3	3	0	0	3	0	0
<i>Aphrodita aculeata</i>	0	0	0	0	3	0	0	0	3	0	2	2	0	0	3	0	0	3	3	0	0	0	0	3	0
<i>Aricidea minuta</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	0	3	0	0	0	0	0
<i>Astropecten irregularis</i>	0	0	0	0	3	0	0	3	0	0	3	0	0	0	3	0	0	2	2	3	0	0	0	3	0
<i>Balanus crenatus</i>	0	0	3	0	0	0	0	0	3	0	0	0	3	3	0	0	0	0	3	0	3	0	3	0	0
<i>Bathyporeia spp.</i>	2	2	0	0	0	0	0	2	2	2	0	2	0	3	0	0	3	0	0	3	0	3	0	0	0
<i>Bodotria spp.</i>	2	2	0	0	0	0	0	3	0	2	2	2	0	3	0	0	0	0	3	3	0	3	0	0	0
<i>Byligides sarsi</i>	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
<i>Callianassa subterranea</i>	2	2	0	0	0	0	0	1	3	0	2	2	0	3	0	0	0	3	3	0	1	3	1	0	0
<i>Capitella capitata</i>	2	2	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	0	2	2	0	3	0	0
<i>Capitella minima</i>	2	2	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	0	2	2	0	3	0	0
<i>Cerianthus lloydii</i>	0	0	2	0	2	0	0	0	3	0	0	3	0	3	0	0	0	0	3	0	2	0	0	0	3
<i>Chaetopterus variopedatus</i>	0	0	0	3	0	0	0	2	2	0	0	3	0	3	0	0	0	0	3	3	0	0	0	0	0
<i>Chaetozone setosa</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0
<i>Chamelea gallina</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	0	3	0	0	0	0	3
<i>Corbula gibba</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	3	0	0
<i>Corymorpha nutans</i>	0	0	0	0	3	0	0	3	0	0	0	0	3	0	3	0	0	3	0	2	2	2	2	0	0
<i>Corystes cassivelaunus</i>	0	0	0	0	3	0	0	2	2	0	2	2	0	0	3	0	0	0	3	3	0	0	0	3	0
<i>Crangon spp.</i>	0	0	0	0	3	0	0	3	0	2	2	1	0	3	0	0	0	0	3	3	1	0	3	0	0
<i>Cylichna cylindracea</i>	0	0	0	0	3	0	0	0	3	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0
<i>Cylichna umbilicata</i>	0	1	0	0	0	0	3	0	3	0	0	0	0	4	0	3	0	0	0	0	0	0	0	0	0
<i>Diastylis spp.</i>	2	2	0	0	0	0	0	3	0	2	2	2	0	3	0	0	3	0	0	3	0	0	0	0	0
<i>Diplocirrus glaucus</i>	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
<i>Echinocardium cordatum</i>	1	3	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	0	3
<i>Echinocyamus pusillus</i>	2	2	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	3	0	0
<i>Echiurus echiurus</i>	2	2	0	0	0	0	0	3	0	0	1	0	3	3	0	0	0	0	3	3	0	0	0	3	0
<i>Edwardsia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Electra pilosa</i>	0	0	3	0	0	0	0	2	0	0	0	0	3	0	0	3	0	0	3	0	3	0	0	0	0

Species	Feeding habit								Envi-Position		Adult movement				Diet type			Larval Development			Sexual Diff-		Adult longevity			
	F.SDF	F.SSDF	F.SF	F.IF	F.PR	F.SL	F.GR	F.PA	EP.EF	EP.I	AM.Sw	AM.C	AM.B	AM.Se	DT.O	DT.C	DT.H	LD.D	LD.L	LD.P	SD.G	SD.H	AL.1	AL.2	AL.10	AL.10p
<i>Enipo kinbergi</i>	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
<i>Ensis directus</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3	0	
<i>Eteone longa</i>	0	2	0	0	2	0	0	1	3	1	2	0	0	0	0	0	0	0	0	3	3	0	1	3	0	
<i>Eudorella emarginata</i>	2	2	0	0	0	0	2	3	0	3	1	0	0	0	3	0	0	3	0	0	0	0	0	0	0	
<i>Eudorella truncatula</i>	2	2	0	0	0	0	0	3	0	3	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	
<i>Eumida spp.</i>	0	0	0	0	3	0	0	0	3	0	3	1	0	0	3	0	0	2	2	3	0	0	3	0	0	
<i>Eunereis longissima</i>	1	1	0	0	2	0	0	0	3	0	0	3	0	0	3	0	0	0	2	2	0	0	0	0	0	
<i>Eunoe nodosa</i>	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	
<i>Euspira pulchella</i>	0	0	0	0	3	0	0	0	3	0	1	2	0	0	3	0	2	0	2	0	0	0	0	0	0	
<i>Gattyana cirrosa</i>	0	0	0	0	3	0	0	0	3	0	0	0	0	0	3	0	0	0	3	3	0	0	0	3	0	
<i>Glycera alba</i>	0	0	0	0	3	0	0	0	3	2	0	2	0	0	3	0	0	0	3	3	0	0	0	3	0	
<i>Glycinde nordmanni</i>	0	0	0	0	3	0	0	0	3	0	2	2	0	0	3	0	0	3	0	0	0	0	0	0	0	
<i>Golfingia spp.</i>	2	2	0	0	0	0	0	1	2	0	2	2	0	0	3	0	0	0	3	0	0	3	0	3	0	
<i>Goniada maculata</i>	0	0	0	0	3	0	0	0	3	1	0	3	0	0	3	0	0	0	3	0	0	2	2	0	0	
<i>Harmothoe glabra</i>	0	0	0	0	3	0	0	0	3	2	2	0	0	0	3	0	0	0	3	3	0	0	2	2	0	
<i>Harmothoe impar</i>	0	0	0	0	3	0	0	0	3	2	2	0	0	0	3	0	0	0	3	3	0	0	2	2	0	
<i>Harpinia antennaria</i>	0	2	0	0	0	2	0	3	0	2	2	2	0	0	3	0	0	0	3	3	0	0	0	0	0	
<i>Harpinia crenulata</i>	0	2	0	0	0	2	0	3	0	2	2	2	0	0	3	0	0	0	3	3	0	0	0	0	0	
<i>Harpinia pectinata</i>	0	2	0	0	0	2	0	3	0	2	2	2	0	0	3	0	0	0	3	3	0	0	0	0	0	
<i>Heteromastus filiformis</i>	0	3	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0	
<i>Hyalia vitrea</i>	0	2	0	0	0	2	0	3	0	2	2	2	0	0	0	0	0	0	0	0	0	3	0	0	0	
<i>Iphinoe trispinosa</i>	3	0	0	0	0	0	0	3	1	2	0	2	0	0	3	0	0	3	0	0	3	0	1	2	0	
<i>Jassa falcata</i>	0	0	2	0	2	0	0	3	0	2	2	0	0	2	2	0	3	0	0	3	0	3	0	0	0	
<i>Lanice conchilega</i>	0	0	0	3	0	0	0	0	3	0	1	3	0	3	0	0	0	0	3	3	0	1	3	0	0	
<i>Leptopentacta elongata</i>	2	2	0	0	0	2	0	2	2	0	0	3	0	0	3	0	0	3	0	0	0	3	0	2	2	
<i>Leptosynapta inhaerens</i>	2	2	0	0	0	2	0	2	2	0	0	3	0	3	0	0	3	0	0	0	3	0	2	2	0	
<i>Levinsenia gracilis</i>	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Lumbrineris spp.</i>	0	0	0	0	3	0	0	1	2	0	0	3	0	0	3	0	0	3	0	3	0	0	0	3	0	
<i>Lysilla loveni</i>	0	0	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	
<i>Mactra stultorum</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	2	0	2	0	0	3	3	0	0	0	3	0	
<i>Magelona alleni</i>	3	0	0	0	0	0	0	1	2	0	0	3	0	3	0	0	0	0	3	3	0	0	0	3	0	
<i>Magelona filiformis</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	3	0	
<i>Magelona johnstoni</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	3	0	
<i>Magelona minuta</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	3	0	
<i>Magelona mirabilis</i>	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	2	2	0	
<i>Malacoceros fuliginosus</i>	0	0	0	3	0	0	0	0	3	2	0	2	0	3	0	0	0	0	3	3	0	0	3	0	0	
<i>Malmgrenia castanea</i>	0	0	0	0	3	0	0	0	3	0	3	0	0	0	3	0	0	0	3	3	0	0	2	2	0	
<i>Malmgrenia lunulata</i>	0	0	0	0	3	0	0	0	3	0	3	0	0	0	3	0	0	0	3	3	0	0	2	2	0	
<i>Megaluropus agilis</i>	0	0	3	0	0	0	0	0	3	2	0	2	0	0	0	3	3	0	0	3	0	0	0	0	0	
<i>Membranipora membranacea</i>	0	0	3	0	0	0	0	1	0	0	0	0	3	0	0	3	0	0	3	0	3	3	0	0	0	
<i>Montacuta ferruginosa</i>	0	0	3	0	0	0	0	0	3	1	1	0	3	3	0	0	0	0	3	0	3	0	2	2	0	
<i>Mya truncata</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	3	3	0	0	0	0	3	
<i>Mysella bidentata</i>	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	0	3	0	3	0	0	0	
<i>Mysia undata</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	3	0	0	0	0	0	0	
<i>Nemertea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Nephtys assimilis</i>	0	0	0	0	3	0	0	0	3	1	1	1	0	0	3	0	0	2	2	3	0	0	0	3	0	
<i>Nephtys caeca</i>	0	0	0	0	3	0	0	0	3	1	1	1	0	0	3	0	0	0	3	3	0	0	0	3	0	
<i>Nephtys cirrosa</i>	0	0	0	0	3	0	0	0	3	1	1	1	0	0	3	0	0	2	2	3	0	0	0	3	0	
<i>Nephtys hombergii</i>	0	0	0	0	3	0	0	0	3	1	1	1	0	0	3	0	0	2	2	3	0	0	0	3	0	
<i>Nephtys incisa</i>	2	2	0	0	0	0	0	0	3	2	1	2	0	3	0	0	0	0	3	3	0	0	0	3	0	
<i>Nephtys longosetosa</i>	0	0	0	0	3	0	0	0	3	1	1	1	0	0	3	0	0	2	2	3	0	0	0	3	0	

Species	Feeding habit								Envi-Position		Adult movement				Diet type			Larval Development			Sexual Diff-		Adult longevity			
	F.SDF	F.SSDF	F.SF	F.JF	F.PR	F.SL	F.GR	F.PA	EP.EF	EP.I	AM.Sw	AM.C	AM.B	AM.Se	DT.O	DT.C	DT.H	LD.D	LD.L	LD.P	SD.G	SD.H	AL.1	AL.2	AL.10	AL.10p
<i>Nereis</i> spp.	2	2	0	0	2	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	3	0	0	0
<i>Notomastus latericeus</i>	2	2	0	0	0	0	0	0	0	3	0	3	0	3	0	0	0	3	0	3	0	0	3	0	0	0
<i>Nucula</i> spp.	1	3	0	0	0	0	0	0	0	3	0	2	2	3	0	0	3	3	0	0	3	0	0	0	3	0
<i>Ophelia limacina</i>	2	2	0	0	0	0	0	0	0	3	1	0	0	3	0	0	0	0	0	0	3	0	0	0	0	0
<i>Ophelia acuminata</i>	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0
<i>Ophiodromus flexuosus</i>	0	0	0	0	2	3	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
<i>Ophiura affinis</i>	0	0	0	0	2	3	0	0	0	3	0	2	2	3	0	0	0	0	0	3	3	0	0	0	3	0
<i>Ophiura albida</i>	0	0	0	2	2	0	0	0	3	0	0	2	2	3	0	0	0	0	0	3	3	0	0	0	3	0
<i>Ophiura ophiura</i>	0	0	0	0	3	0	0	0	3	0	2	2	2	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Orchomene nana</i>	0	0	0	0	3	0	0	0	3	0	3	0	0	0	3	0	3	0	0	3	3	0	3	0	0	0
<i>Owenia fusiformis</i>	0	0	0	3	0	0	0	0	2	2	0	0	3	0	0	0	0	0	3	3	0	0	0	0	3	0
<i>Pagurus bernhardus</i>	0	0	0	0	3	0	0	0	2	1	0	3	0	0	0	0	0	0	3	3	0	0	0	0	3	0
<i>Pariambus typicus</i>	3	0	0	0	0	0	0	0	2	0	0	2	0	2	3	0	0	0	0	0	3	0	0	0	0	0
<i>Pectinaria auricoma</i>	0	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Pectinaria koreni</i>	3	0	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Perioculodes longimanus</i>	0	3	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	0	3	0	0	0	0	0
<i>Phaxas pellucidus</i>	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	3	3	0	0	3	0	0
<i>Pholoe baltica</i>	0	0	0	0	3	0	0	0	2	2	0	0	0	0	0	0	0	0	3	3	0	0	0	3	0	0
<i>Phoronis</i> spp.	0	0	3	0	0	0	0	0	3	0	0	1	3	3	0	0	0	0	3	1	2	3	0	0	0	0
<i>Phyllococe groenlandica</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	3	0	0	0	0	0	0
<i>Phyllococe lineata</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	3	0	0	0	0	0	0
<i>Phyllococe maculata</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	3	0	0	0	0	0	0
<i>Phyllococe mucosa</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	3	0	0	0	0	0	0
<i>Phyllococe rosea</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	3	0	0	0	0	0	0
<i>Podarkeopsis helgolandica</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	3	0	0	3	0	3	0	3	0
<i>Poecilochaetus serpens</i>	0	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	3	0	0	0	0
<i>Polydora pulchra</i>	0	0	0	3	0	0	0	0	2	0	0	0	3	0	3	0	0	0	3	3	0	0	3	0	0	0
<i>Pontocrates arenarius</i>	2	2	0	0	0	0	0	0	3	1	2	0	1	0	3	0	0	3	0	3	0	3	0	0	0	0
<i>Priapulus caudatus</i>	0	0	0	0	3	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Pseudione borealis</i>	0	0	0	0	0	0	0	3	0	0	2	0	1	0	0	3	0	0	3	0	0	0	0	0	0	0
<i>Pseudione caspersi</i>	0	0	0	0	0	0	0	3	0	0	2	0	1	0	0	3	0	0	0	3	0	0	0	0	0	0
<i>Pseudocuma longicornis</i>	0	0	0	3	0	0	0	0	0	3	2	0	2	0	3	0	0	3	0	0	3	0	0	3	0	0
<i>Pseudocuma similis</i>	0	0	0	3	0	0	0	0	0	3	2	0	2	0	3	0	0	3	0	0	3	0	0	3	0	0
<i>Retusa</i> sp.	0	2	0	0	0	0	2	0	0	2	0	0	3	0	1	0	3	0	0	3	0	0	0	0	0	0
<i>Saxicavella jeffreysi</i>	0	0	3	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	3	0	0	0	0	0	3
<i>Scalibregma inflatum</i>	2	2	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	0	3	0	3	0	0	0
<i>Schistomysis kervillei</i>	0	0	0	2	0	0	2	0	3	0	2	2	0	0	3	0	0	3	0	0	3	0	3	0	0	0
<i>Scolecopsis bonnieri</i>	0	0	0	3	0	0	0	0	0	3	2	0	2	0	3	0	0	0	3	3	0	0	0	2	2	0
<i>Scoloplos armiger</i>	2	2	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	0	0	0	0	3	0	0
<i>Sertularia cupressina</i>	0	0	3	0	0	0	0	0	3	0	0	0	0	3	0	0	3	0	0	3	0	0	3	0	0	0
<i>Sigalion mathildae</i>	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Sphaerodorum flavum</i>	2	0	0	0	0	0	2	0	0	3	0	0	3	0	3	0	0	3	0	0	3	0	0	0	0	0
<i>Spio filicornis</i>	2	2	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Spiophanes bombyx</i>	0	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	3	0	0	0
<i>Spisula</i> spp.	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	3	3	0	0	0	3	0
<i>Sthenelais limicola</i>	0	0	0	0	3	0	0	0	0	3	0	2	2	0	3	0	0	0	3	0	0	0	0	0	0	0
<i>Synchelidium haplocheles</i>	0	0	0	0	3	0	0	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	0	0
<i>Synelmis klatti</i>	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tanaissus liljeborgi</i>	0	0	0	2	0	0	2	0	0	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	0
<i>Tellina donacina</i>	0	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	0	3	0
<i>Tellina fabula</i>	0	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0	3	3	0	0	0	3	0	0
<i>Thracia papyracea</i>	2	2	0	0	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	3	0	3	0	0	3	0

Species	Feeding habit								Envi-Position		Adult movement				Diet type			Larval Development			Sexual Diff-		Adult longevity			
	F.SDF	F.SSDF	F.SF	F.JF	F.PR	F.SL	F.GR	F.PA	EP.EF	EP.I	AM.Sw	AM.C	AM.B	AM.Se	DT.O	DT.C	DT.H	LD.D	LD.L	LD.P	SD.G	SD.H	AL.1	AL.2	AL.10	AL.10p
<i>Thyasira flexuosa</i>	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	3	0	0	3	0	0	0	3	0	0
<i>Thysanocardia procera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Triticella flava</i>	0	0	3	0	0	0	0	0	3	0	0	0	3	3	0	0	0	3	0	0	0	0	3	0	0	0
<i>Tubularia indivisa</i>	0	0	0	0	3	0	0	0	3	0	0	0	3	0	3	0	0	3	0	0	3	0	2	2	0	0
<i>Turritella communis</i>	0	0	0	3	0	0	0	0	0	3	2	2	0	3	0	0	3	0	0	0	3	0	0	0	0	3
<i>Upogebia deltaura</i>	0	0	0	3	0	0	0	0	0	3	0	3	0	3	0	0	0	0	3	3	0	0	0	3	0	0
<i>Urothoe poseidonis</i>	2	2	0	0	0	0	0	0	3	0	1	2	0	3	0	0	3	0	0	3	3	0	3	0	0	0
<i>Vitreolina philippi</i>	0	0	0	0	0	0	3	0	2	0	0	0	3	0	3	0	0	3	0	3	0	0	0	0	0	0

Trait modalities 27-52

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Part 2	Habit				Fertil-Type		Age at maturity				Fecundity					Larval mobility			Size of organism				Dispersal potential				
	Ha.BD	Ha.FL	Ha.TB	Ha.A	FT.I	FT.E	MA.1	MA.2	MA.4	MA.4p	Fec.1	Fec.10	Fec.100	Fec.1k	Fec.10k	Fec.1m	LM.B	LM.S	LM.L	SO.1	SO.10	SO.20	SO.20p	DP.L	DP.M	DP.H	
<i>Abra alba</i>	3	0	0	0	0	3	3	0	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Abra nitida</i>	3	0	0	0	0	3	3	0	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Acrocnida brachiata</i>	0	3	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	0	0	3
<i>Ampelisca brevicornis</i>	0	0	3	0	3	0	3	0	0	0	3	0	0	0	0	0	0	0	3	0	3	0	0	3	0	0	3
<i>Ampelisca tenuicornis</i>	0	3	0	0	3	0	3	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0	3	0	0	0
<i>Ampharete spp.</i>	0	0	3	0	0	0	0	0	3	0	0	0	1	2	2	1	0	0	3	0	3	0	0	3	0	0	0
<i>Amphiura chiajei</i>	0	3	0	0	0	3	0	0	2	2	0	0	0	3	3	3	0	0	3	0	3	0	0	0	0	0	3
<i>Amphiura filiformis</i>	0	3	0	0	0	3	0	0	2	2	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3
<i>Anobothrus gracilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0
<i>Anoplodactylus petiolatus</i>	0	3	0	0	3	0	0	3	0	0	0	3	0	0	0	0	2	2	0	3	0	0	0	3	0	0	0
<i>Aphrodita aculeata</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	2	1	0	0	0	3	0	0	3	0	2	2	0	0
<i>Aricidea minuta</i>	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0
<i>Astropecten irregularis</i>	0	3	0	0	0	3	0	2	2	0	0	0	0	1	3	0	0	0	3	0	2	2	0	0	0	0	3
<i>Balanus crenatus</i>	0	0	0	3	3	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Bathyporeia spp.</i>	0	3	0	0	3	0	3	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	3	0	0	0
<i>Bodotria spp.</i>	0	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	0	3	0	0	0
<i>Bylgides sarsi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Callianassa subterranea</i>	3	0	0	0	0	0	2	1	0	0	0	0	3	0	0	0	2	0	2	0	3	0	0	0	0	0	3
<i>Capitella capitata</i>	3	0	0	0	0	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	1	2	0	0
<i>Capitella minima</i>	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	3	0	0	3	0	0	1	2	0	0
<i>Cerianthus lloydii</i>	0	0	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	3	0	0
<i>Chaetopterus variopedatus</i>	0	0	3	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	3	0	0	3	0	0	0	0	3
<i>Chaetozone setosa</i>	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0	2	2	0	3	0	0	0	2	2	0
<i>Chamelea gallina</i>	3	0	0	0	0	3	3	0	0	0	0	0	1	2	1	0	0	0	3	0	3	0	0	1	2	0	0
<i>Corbula gibba</i>	0	3	0	0	0	3	2	2	0	0	0	0	0	2	2	0	0	0	3	0	3	0	0	0	1	3	0
<i>Corymorpha nutans</i>	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
<i>Corystes cassivelaunus</i>	0	3	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	0	3	0	3	0	0	0	1	3	0
<i>Crangon spp.</i>	0	3	0	0	0	3	3	0	0	0	0	0	3	0	0	0	2	0	2	0	3	0	0	0	0	0	3
<i>Cylichna cylindracea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
<i>Cylichna umbilicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Diastylis spp.</i>	0	3	0	0	0	0	3	0	0	0	0	3	0	0	0	0	3	0	0	0	3	0	0	3	0	0	0
<i>Diplocirrus glaucus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
<i>Echinocardium cordatum</i>	3	0	0	0	0	3	0	2	2	0	0	0	0	0	3	0	0	3	0	3	0	0	0	0	0	0	3
<i>Echinocyamus pusillus</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3
<i>Echiurus echiurus</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	0	3
<i>Edwardsia spp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Electra pilosa</i>	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0
<i>Enipo kinbergi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Ensis directus</i>	3	0	0	0	0	3	0	3	0	0	0	0	2	2	0	0	0	0	3	0	0	3	0	0	2	2	0
<i>Eteone longa</i>	1	3	0	0	0	3	3	0	0	0	0	0	2	2	0	0	0	0	3	0	3	0	0	0	2	2	0
<i>Eudorella emarginata</i>	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	0	0	0
<i>Eudorella truncatula</i>	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0	3	0	0	0	3	0	0	0
<i>Eumida spp.</i>	0	3	0	0	0	3	3	0	0	0	0	1	1	1	0	0	0	0	3	0	0	3	0	0	1	3	0
<i>Eunereis longissima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
<i>Eunoe nodosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Euspira pulchella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0



	Habit				Fertil-Type		Age at maturity				Fecundity						Larval mobility			Size of organism				Dispersal potential			
	Ha.BD	Ha.FL	Ha.TB	Ha.A	FT.I	FT.E	MA.1	MA.2	MA.4	MA.4p	Fec.1	Fec.10	Fec.100	Fec.1k	Fec.10k	Fec.1m	LM.B	LM.S	LM.L	SO.1	SO.10	SO.20	SO.20p	DP.L	DP.M	DP.H	
<b>Part 2</b>																											
<i>Gattyana cirrosa</i>	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
<i>Glycera alba</i>	0	3	0	0	0	3	0	0	3	0	0	0	0	0	3	0	0	0	3	0	3	0	0	1	2	1	1
<i>Glycinde nordmanni</i>	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	1	3	0	0	0	3	0	
<i>Golfingia</i> spp.	0	3	0	0	0	3	3	0	0	0	0	0	3	0	0	0	0	0	3	0	2	2	0	0	0	3	
<i>Goniada maculata</i>	0	3	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Harmothoe glabra</i>	0	3	0	0	0	3	0	3	0	0	0	0	2	2	1	0	0	0	2	0	3	0	0	0	0	3	
<i>Harmothoe impar</i>	0	3	0	0	0	3	0	3	0	0	0	0	2	2	1	0	0	0	2	0	3	0	0	0	0	3	
<i>Harpinia antennaria</i>	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	
<i>Harpinia crenulata</i>	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	
<i>Harpinia pectinata</i>	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	
<i>Heteromastus filiformis</i>	0	0	3	0	0	3	2	2	0	0	0	0	1	3	1	0	0	0	3	0	2	2	0	0	1	3	
<i>Hyala vitrea</i>	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	
<i>Iphinoe trispinosa</i>	0	3	0	0	3	0	3	0	0	0	1	3	0	0	0	0	2	0	2	3	1	0	0	3	1	0	
<i>Jassa falcata</i>	0	0	3	0	0	3	3	0	0	0	2	2	0	0	0	0	3	0	0	3	1	0	0	3	0	0	
<i>Lanice conchilega</i>	0	0	3	0	0	3	3	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	
<i>Leptopentacta elongata</i>	0	0	3	0	3	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	3	0	0	
<i>Leptosynapta inhaerens</i>	0	0	3	0	3	0	2	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	3	0	0	
<i>Levinsenia gracilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Lumbrineris</i> spp.	0	3	0	0	0	3	0	0	3	0	0	0	3	0	0	0	2	2	0	0	0	3	3	3	0	0	
<i>Lysilla loveni</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
<i>Mactra stultorum</i>	3	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	3	0	
<i>Magelona alleni</i>	2	2	0	0	0	3	0	3	0	0	1	2	1	0	0	0	0	0	3	0	2	2	0	0	0	3	
<i>Magelona filiformis</i>	2	2	0	0	0	3	0	3	0	0	1	2	1	0	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Magelona johnstoni</i>	2	2	0	0	0	3	0	3	0	0	1	2	1	0	0	0	0	0	3	0	2	2	0	0	0	3	
<i>Magelona minuta</i>	2	2	0	0	0	3	0	3	0	0	1	2	1	0	0	0	0	0	3	0	2	2	0	0	0	3	
<i>Magelona mirabilis</i>	2	2	0	0	0	3	2	2	0	0	1	2	1	0	0	0	0	0	3	0	2	2	0	0	0	3	
<i>Malacoceros fuliginosus</i>	2	2	0	0	0	3	3	0	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	3	0	
<i>Malmgrenia castanea</i>	0	3	0	0	0	3	0	3	0	0	0	2	2	0	0	0	2	0	2	2	2	0	0	0	0	3	
<i>Malmgrenia lunulata</i>	0	3	0	0	0	3	0	3	0	0	0	2	2	0	0	0	2	0	2	0	3	0	0	0	0	3	
<i>Megaluroopus agilis</i>	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	
<i>Membranipora membranacea</i>	0	0	0	3	0	3	3	0	0	0	0	0	0	0	2	2	0	0	3	3	0	0	0	0	0	3	
<i>Montacuta ferruginosa</i>	0	0	0	3	0	0	2	2	0	0	0	0	0	0	3	0	3	0	0	3	0	0	0	0	3	0	
<i>Mya truncata</i>	3	0	0	0	0	3	0	0	2	2	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	3	
<i>Mysella bidentata</i>	3	0	0	0	0	3	3	0	0	0	0	2	2	0	0	0	0	2	2	3	0	0	0	0	0	3	
<i>Mysia undata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	
<i>Nemertea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Nephtys assimilis</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	
<i>Nephtys caeca</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0	3	
<i>Nephtys cirrosa</i>	3	0	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	3	
<i>Nephtys hombergii</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	3	
<i>Nephtys incisa</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	3	
<i>Nephtys longosetosa</i>	0	3	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	0	3	0	0	0	3	
<i>Nereis</i> spp.	0	3	0	0	0	3	0	3	0	0	0	0	2	2	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Notomastus latericeus</i>	0	3	0	0	0	3	3	0	0	0	1	3	1	0	0	0	0	3	0	0	0	3	3	3	0	0	
<i>Nucula</i> spp.	0	3	0	0	0	0	0	3	1	0	0	1	3	0	0	0	0	3	0	0	3	0	0	3	0	0	
<i>Ophelia limacina</i>	0	3	0	0	0	3	0	3	0	0	0	1	3	1	0	0	0	3	0	0	3	0	0	1	2	0	
<i>Ophelia acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Ophiodromus flexuosus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
<i>Ophiura affinis</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Ophiura albida</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Ophiura ophiura</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	3	0	0	0	0	3	
<i>Orchomene nana</i>	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	

Part 2	Habit				Fertil-Type		Age at maturity				Fecundity					Larval mobility			Size of organism				Dispersal potential				
	Ha.BD	Ha.FL	Ha.TB	Ha.A	FT.I	FT.E	MA.1	MA.2	MA.4	MA.4p	Fec.1	Fec.10	Fec.100	Fec.1k	Fec.10k	Fec.1m	LM.B	LM.S	LM.L	SO.1	SO.10	SO.20	SO.20p	DP.L	DP.M	DP.H	
<i>Owenia fusiformis</i>	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Pagurus bernhardus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pariambus typicus</i>	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Pectinaria auricoma</i>	0	0	3	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Pectinaria koreni</i>	0	0	3	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Perioculodes longimanus</i>	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0
<i>Phaxas pellucidus</i>	3	0	0	0	0	3	0	3	0	0	0	0	2	2	0	0	0	0	0	0	3	0	0	0	0	2	2
<i>Pholoe baltica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	3
<i>Phoronis spp.</i>	0	0	0	3	0	3	0	0	0	0	0	0	0	3	0	0	0	0	3	0	3	0	0	0	0	3	0
<i>Phyllodoce groenlandica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3
<i>Phyllodoce lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	3
<i>Phyllodoce maculata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Phyllodoce mucosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3
<i>Phyllodoce rosea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3
<i>Podarkeopsis helgolandica</i>	0	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	3	0
<i>Poecilochaetus serpens</i>	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Polydora pulchra</i>	0	0	3	0	0	3	0	0	0	0	0	2	2	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Pontocrates arenarius</i>	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0
<i>Priapulus caudatus</i>	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
<i>Pseudione borealis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
<i>Pseudione caspersi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
<i>Pseudocuma longicornis</i>	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
<i>Pseudocuma similis</i>	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
<i>Retusa sp.</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0
<i>Saxicavella jeffreysi</i>	3	0	0	0	0	3	0	3	0	0	0	2	2	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Scalibregma inflatum</i>	0	3	0	0	0	3	0	0	0	0	0	2	1	0	0	0	0	3	0	3	0	0	0	3	0	0	0
<i>Schistomysis kervillei</i>	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	0	3	0	0	0	3	0	0	0	3	0	0
<i>Scolecopsis bonnierii</i>	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	3	0
<i>Scoloplos armiger</i>	2	2	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	3	0	3	0	0	0
<i>Sertularia cupressina</i>	0	0	0	3	0	3	0	0	0	0	0	2	2	0	0	0	3	0	0	0	0	0	3	3	0	0	0
<i>Sigalion mathildae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
<i>Sphaerodorum flavum</i>	0	0	0	0	0	3	0	0	0	0	2	1	0	0	0	0	3	0	0	0	0	0	0	3	0	0	0
<i>Spio filicornis</i>	0	0	3	0	0	3	0	0	0	0	0	3	0	0	0	0	2	0	2	0	3	0	0	0	0	0	3
<i>Spiophanes bombyx</i>	0	0	3	0	0	3	0	3	0	0	0	3	0	0	0	0	0	0	3	0	3	1	0	0	0	0	3
<i>Spisula spp.</i>	3	0	0	0	0	3	0	3	0	0	0	0	0	0	3	0	0	0	3	0	3	0	0	0	0	0	3
<i>Sthenelais limicola</i>	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	3
<i>Synchelidium haplocheles</i>	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0
<i>Synelmis klatti</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Tanaissius lilljeborgi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
<i>Tellina donacina</i>	3	0	0	0	0	3	0	3	0	0	0	1	2	1	0	0	0	2	2	0	3	0	0	0	0	0	3
<i>Tellina fabula</i>	3	0	0	0	0	3	0	3	0	0	0	1	2	1	0	0	0	2	2	0	3	0	0	0	0	3	0
<i>Thracia papyracea</i>	0	3	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	3	0	0	2	2	0	0
<i>Thyasira flexuosa</i>	0	3	0	0	3	0	0	3	0	0	0	3	0	0	0	0	3	0	0	0	3	0	0	3	0	0	0
<i>Thysanocardia procera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Triticella flava</i>	0	0	0	3	0	0	0	3	0	0	1	2	1	0	0	2	2	0	0	3	0	0	0	0	2	0	0
<i>Tubularia indivisa</i>	0	0	0	3	0	3	0	0	0	0	3	0	0	0	0	0	3	0	0	0	2	2	0	3	0	0	0
<i>Turritella communis</i>	0	3	0	0	3	0	0	3	0	0	2	2	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0
<i>Upogebia deltaura</i>	0	0	3	0	3	0	0	3	0	0	0	0	3	0	0	2	0	2	0	2	2	2	0	0	0	3	0
<i>Urothoe poseidonis</i>	0	3	0	0	3	0	0	3	0	0	0	3	0	0	0	3	0	0	3	0	0	0	3	0	0	0	0
<i>Vitreolina philippi</i>	0	0	0	3	0	0	0	0	0	0	2	2	0	0	0	2	2	0	3	0	0	0	0	0	0	0	0