taxonID	Stam	Klass	Ordning	Familj	Taxa	Egenskap (trait)	Kategori (modality)	fuzzy kod	Referens	Doi	Text från referens	Kommentar
3000107	Annelida	Clitellata			Oligochaeta	Burrow type	Open irrigation	3	Regteren et al 2017	10.1002/ecs2.1872	burrow networks	
3000107	Annelida	Clitellata			Oligochaeta	Burrow type	Open irrigation	3	Rogaar 1980	Hydrobiologia 71, 107-124	X-radiographs and measurements of burrow networks (Tubifex spp)	
3000107	Annelida	Clitellata			Oligochaeta	Feeding type	Deposit feeder	3	Davis 1974	Limnol. And Ocean, 19(3): 466-488	upward conveyors (tracer experiments)	
3000107	Annelida	Clitellata			Oligochaeta	Feeding type	Deposit feeder	3	Regteren et al 2017	10.1002/ecs2.1872	upward conveyors	
3000107	Annelida	Clitellata			Oligochaeta	Injection pocket depth	0-2 cm	2	Regteren et al 2017	10.1002/ecs2.1872	oxygenation of sediments to 10-25mm	
3000107	Annelida	Clitellata			Oligochaeta	Injection pocket depth	2-5 cm	2	Reible et al 1996	Wat. Res. Vol. 30, No. 3, pp. 704-714	tubificids are 2-5cm long and bioturbate/irrigate to at least 3cm	
3000107	Annelida	Clitellata			Oligochaeta	Injection pocket depth	5-10 cm	1	Davis 1974	Limnol. And Ocean, 19(3): 466-488	summarised existing literature: 42% of tubificids were at < 4 cm, 32% at 4 - 8 cm, 18% at 8 - 12 cm, 5% at 12 - 16 cm depth	
3000107	Annelida	Clitellata			Oligochaeta	Mobility	free movement via burrow system	2	Regteren et al 2017	10.1002/ecs2.1872	active bioturbators...burrow networks	
3000107	Annelida	Clitellata			Oligochaeta	Mobility	slow movement through sediment	2	Queiros AM et al 2013			
3000107	Annelida	Clitellata			Oligochaeta	Reworking	biodiffusors	2	Queiros AM et al 2013			
3000107	Annelida	Clitellata			Oligochaeta	Reworking	upward and downward conveyors	2	Regteren et al 2017	10.1002/ecs2.1872	created burrow networks which, together with upward conveyor belt feeding, lead to substrate mixing	
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Burrow type	Blind ended irrigation	3	Volkenborn, N., Polerecky, L., Hedtkamp, S. I. C., van Beusekom, J. E., & De Beer, D. (2007). Bioturbation and bioirrigation extend the open exchange regions in permeable sediments. Limnology and Oceanography, 52(5), 1898-1909.	10.4319/lo.2007.52.5.1898	The lugworm site was dominated by free-burrowing oligochaetes (Tubificoides benedii)	
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Feeding type	Deposit feeder	3	Clare et al 2022			
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Feeding type	Deposit feeder	3	NIVA traits database			
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Feeding type	Deposit feeder	3	Bolam, S. G. (2011). Burial survival of benthic macrofauna following deposition of simulated dredged material. Environmental monitoring and assessment, 181, 13-27.	10.1007/s10661-010-1809-5	Very common, relatively long (15–55 mm) oligochaete on the lower shore and sublittoral of estuarine sediments. Errant sub-surface deposit-feeder	
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Injection pocket depth	2-5 cm	2	Bolam, S. G. (2011). Burial survival of benthic macrofauna following deposition of simulated dredged material. Environmental monitoring and assessment, 181, 13-27.	10.1007/s10661-010-1809-5	T. benedii is more widespread, being most common at the surface but still present in moderate abundances at 6–8 cm sediment depths.	
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Injection pocket depth	5-10 cm	1	Giere, O., Preusse, J. H., & Dubilier, N. (1999). Tubificoides benedii (Tubificidae, Oligochaeta)–a pioneer in hypoxic and sulfidic environments. An overview of adaptive pathways. Hydrobiologia, 406, 235-241	10.1023/A:1003711914788	In regions suffering from oxygen depletion and excessive hydrogen sulfide this worm is regularly present although it lives buried (often 10 cm deep)	
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Mobility	slow movement through sediment	3	Queiros et al. 2013			
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Reworking	biodiffusors	3	NIVA traits database			
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Reworking	biodiffusors	3	Clare et al 2022			
225609	Annelida	Clitellata	Haplotaxida	Naididae	Edukemius benedii	Reworking	biodiffusors	3	Queiros et al. 2013			
1007697	Annelida	Polychaeta		Capitellidae	Capitella	Burrow type	Blind ended irrigation	3	Wrede A et al 2018	10.1016/j.ecolind.2018.04.02	from C. capitata: BT3	
1007697	Annelida	Polychaeta		Capitellidae	Capitella	Feeding type	Deposit feeder	3	Clare et al 2022			
1007697	Annelida	Polychaeta		Capitellidae	Capitella	Injection pocket depth	> 10 cm	3	Wrede A et al 2018	10.1016/j.ecolind.2018.04.02	from C. capitata: ID4	
1007697	Annelida	Polychaeta		Capitellidae	Capitella	Mobility	Limited movement	3	Queiros AM et al 2013			
1007697	Annelida	Polychaeta		Capitellidae	Capitella	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227751	Annelida	Polychaeta		Capitellidae	Capitella capitata	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227751	Annelida	Polychaeta		Capitellidae	Capitella capitata	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227751	Annelida	Polychaeta		Capitellidae	Capitella capitata	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227751	Annelida	Polychaeta		Capitellidae	Capitella capitata	Mobility	Limited movement	3	Queiros AM et al 2013			
227751	Annelida	Polychaeta		Capitellidae	Capitella capitata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on taxa in this genus			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Mobility	Limited movement	3	Queiros AM et al 2013			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward and downward conveyor	
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Reworking	upward and downward conveyors	3	Fauchald, K., Jumars, P. (1979) The Diet of Worms : a Study of Polychaete Feeding Guilds. Oceanography and Marine Biology, Annual Review, 17:193-284.		These tubes maintain contact with the surface and allow the worm to feedin black, anoxic muds, getting the necessary oxygen from the overlyingwaters by irrigation of the burrow (Linke, 1939 ; Schafer, 1962 ; Jepsen,1965) .	
2000520	Annelida	Polychaeta		Capitellidae	Capitellidae	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward and downward conveyor	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Burrow type	Blind ended irrigation	3	Zorn et al. 2006	https://doi.org/10.1111/j.1472-4669.2006.00074.x	Table 1: Blind-ended branched burrow	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Burrow type	Blind ended irrigation	3	Cadée 1979	https://doi.org/10.1016/0077-7579(79)90017-6	A more or less vertical defecation tube keeps the animal connected with the sediment surface, whereas this tube at 10 to 30 cm depth subdivides in various feeding tubes (SCHÉ- FER, 1962: fig. 159, 215). The same defecation tube is used for a longer time,	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: non-selective deposit feeder	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: non-selective deposit feeder	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	Watling 1975	https://doi.org/10.1016/0022-0981(75)90063-5	Heteromastus jiliformis (Claparede). Estcourt (1967), McCloskey (1970), Young & Rhoads (1971), and Wolff (1973) consider this polychaete to be a non-selective deposit-feeder.	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	Solis-Weiss et al. 2004	https://doi.org/10.1016/j.scitotenv.2004.01.027	Appendix A: sub-surface deposit feeder	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Feeding type	Deposit feeder	3	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Table 1: sub-surface deposit feeder	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Injection pocket depth	> 10 cm	3	Neira, C., & Höpner, T. (1994). The role of Heteromastus filiformis (Capitellidae, Polychaeta) in organic carbon cycling. Ophelia, 39(1), 55-73.	10.1080/00785326.1994.10429902	It feeds at a depth of about 20 cm and excretes ovoid fecal pellets at the surface (Linke 1939, Schafer 1962). Heteromastus is about 15 cm in length and 1 mm in diameter, making a mucus-lined vertical tube from which it can protrude its tail in order to e	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Mobility	Limited movement	3	Queiros AM et al 2013			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Mobility	Limited movement	3	Neira, C., & Höpner, T. (1994). The role of Heteromastus filiformis (Capitellidae, Polychaeta) in organic carbon cycling. Ophelia, 39(1), 55-73.	10.1080/00785326.1994.10429902	Heteromastus is about 15 cm in length and 1 mm in diameter, making a mucus-lined vertical tube from which it can protrude its tail in order to excrete fecal pellets and to take up oxygen (Pals & Pauptit 1979).	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Reworking	upward and downward conveyors	3	NIVA traits database			
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Reworking	upward and downward conveyors	3	Polychaeta_IOPAN Project Webpage. http://www.iopan.gda.pl/projects/Polychaeta/		upward conveyer.Lives in branching burrows, supported by mucus. Produces wormcasts on the surface of the bottom.	
227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Reworking	upward and downward conveyors	3	Hartmann-Schröder, G. (1996) Annelida, Borstenwürmer, Polychaeta. Gustav Fischer Verlag, Jena. 648pp.		H. filiformis feeds on organic particles in the sediment in its deeper feeding channels and climbs backwards through its vertical "defecation channel" to the sediment surface where it leaves small blackish worm casts.	

227757	Annelida	Polychaeta		Capitellidae	Heteromastus filiformis	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Feeding type	Deposit feeder	3	Clare et al 2022			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	non-selective deposit feeder (Table 12)	
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on NIVA sediment dwelling depth 0-15 cm			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Mobility	Limited movement	3	Queiros AM et al 2013			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Reworking	upward and downward conveyors	3	NIVA traits database			
227759	Annelida	Polychaeta		Capitellidae	Mediomastus fragilis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	ist ein Substratfresser	
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	Raymond et al 2021			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	non-selective deposit feeder (Table 12)	
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	deposit feeder surface and subsurface grazer	
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	We suggest that the most opportunistic of these species, such as C. capitata may be relatively nonselective, whereas less opportunistic species, such as Notomastus latericeus and Dasybranchus caducus will prove to be more selective. We believe that both p	
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Mobility	Limited movement	1	Queiros AM et al 2013			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Mobility	slow movement through sediment	2	Raymond et al 2021			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Reworking	upward and downward conveyors	3	NIVA traits database			
227760	Annelida	Polychaeta		Capitellidae	Notomastus latericeus	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Burrow type	Open irrigation	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Feeding type	Sub surface filter feeder	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Mobility	Fixed tubes	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Reworking	upward and downward conveyors	3	Clare et al 2022			
227373	Annelida	Polychaeta		Chaetopteridae	Chaetopterus norvegicus	Reworking	upward and downward conveyors	3	Clare et al 2022			
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Burrow type	Open irrigation	3	Wrede A et al 2018			
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Feeding type	Sub surface filter feeder	3	MacGinitie, G. E. (1939). The method of feeding of Chaetopterus. The Biological Bulletin, 77(1), 115-118.	10.2307/1537850	Because the entrances to the tube of Chaetopterus are considerably constricted, no very large particles find their way in with the feeding current.	
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Feeding type	Sub surface filter feeder	3	Flood, P. R., & Fiala-Médioni, A. (1982). Structure of the mucous feeding filter of Chaetopterus variopedatus (Polychaeta). Marine Biology, 72, 27-33.	10.1007/bf00393944	The mucous feeding filter of Chaetopterus variopedatus (Renier and Clapdrede) was collected as curled-up mucus and food balls ready for ingestion, and as stretched out mucus films on copper grids, introduced in the mucus bag of actively feeding individual	
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Feeding type	Sub surface filter feeder	3	Wrede A et al 2018			
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Injection pocket depth	> 10 cm	2	Wrede A et al 2018			
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Injection pocket depth	5-10 cm	2	Schaffner, L. C. (1990). Small-scale organism distributions and patterns of species diversity: evidence for positive interactions in an estuarine benthic community. Marine Ecology Progress Series, 61, 107.		Modal depth in sediment 5-10 cm, depth range in sediment 0-15 cm	
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Reworking	upward and downward conveyors	3	Riisgard & Larsen 2005	https://doi.org/10.1007/s10452-004-1916-x	Chaetopterus variopedatus, is a mucus-net filter-feeder and lives in a parchment-like U-shaped tube in muddy sediment. Each end of the tube is open and protrudes slightly above the sediment surface (Figure 1).	
227374	Annelida	Polychaeta		Chaetopteridae	Chaetopterus sarsi	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Burrow type	Open irrigation	3	Munksby, N., Benthien, M., & Glud, R. N. (2002). Flow-induced flushing of relict tube structures in the central Skagerrak (Norway). Marine Biology, 141, 939-945.	10.1007/s00227-002-0874-x	Branching tubes	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Feeding type	Deposit feeder	2	Rosenberg, R., Hellman, B., Lundberg, A., 1996. Benthic macrofaunal community structure in the Norwegian Trench, deep skagerrak. Journal of Sea Research 35, 181–188	10.1016/S1385-1101(96)90745-5	It is suggested that the benthic fauna in the deep trench is dominated by suspension feeders. The dominance of Spiochaetopterus bergensis contributes to this pattern. Detailed studies by Barnes (1965) have shown such a feeding behaviour. However, Fauchald	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Feeding type	Surface filter feeder	2	Rosenberg, R., Hellman, B., Lundberg, A., 1996. Benthic macrofaunal community structure in the Norwegian Trench, deep skagerrak. Journal of Sea Research 35, 181–188	10.1016/S1385-1101(96)90745-5	It is suggested that the benthic fauna in the deep trench is dominated by suspension feeders. The dominance of Spiochaetopterus bergensis contributes to this pattern. Detailed studies by Barnes (1965) have shown such a feeding behaviour. However, Fauchald	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Injection pocket depth	5-10 cm	3	Rosenberg, R., Hellman, B., Lundberg, A., 1996. Benthic macrofaunal community structure in the Norwegian Trench, deep skagerrak. Journal of Sea Research 35, 181–188	10.1016/S1385-1101(96)90745-5	Some of these structures may be associated with the tubes and activity of Spiochaetopterus bergensis. Indication of activity at this station was found down to at least 10 cm.	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Mobility	Fixed tubes	3	Rosenberg, R., Hellman, B., Lundberg, A., 1996. Benthic macrofaunal community structure in the Norwegian Trench, deep skagerrak. Journal of Sea Research 35, 181–188	10.1016/S1385-1101(96)90745-5	The tube building polychaete S bergensis	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	upward downward conveyor	
227377	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus bergensis	Reworking	upward and downward conveyors	3	Clare et al 2022			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Burrow type	Open irrigation	3	Raymond et al 2021			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Feeding type	Sub surface filter feeder	3	Raymond et al 2021			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Mobility	Fixed tubes	3	Raymond et al 2021			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Mobility	Fixed tubes	3	Hartmann-Schröder 1996			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Reworking	surficial modifiers	2	Raymond et al 2021			
227380	Annelida	Polychaeta		Chaetopteridae	Spiochaetopterus typicus	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Feeding type	Deposit feeder	3	Clare et al 2022			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Feeding type	Deposit feeder	3	Clare et al 2022			

227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Mobility	slow movement through sediment	3	Raymond et al 2021			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Reworking	biodiffusors	2	Raymond et al 2021			
227884	Annelida	Polychaeta		Cossuridae	Cossura longocirrata	Reworking	surficial modifiers	1	Queiros AM et al 2013			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Feeding type	Deposit feeder	3	Clare et al 2022			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Feeding type	Deposit feeder	3	Wrede A et al 2018			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Mobility	Limited movement	3	Queiros AM et al 2013			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Reworking	surficial modifiers	3	NIVA traits database			
1007546	Annelida	Polychaeta		Magelonidae	Magelona	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Burrow type	Open irrigation	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	During this 'sand expulsion' behaviour, individuals turned around in a network of branched burrows. The posterior was extended from the burrow and substantial amounts of sand were expelled in a string-like formation, involving mucus	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Burrow type	Open irrigation	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	Tube-lined burrows were observed to be primarily permanent, and motility of the species reduced in comparison to other magelonids	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Burrow type	Open irrigation	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	Individuals formed branched burrow networks that were primarily permanent, and minimal change occurred in position and structure (August–January). However, burrowing movements were made occasionally, extending or rebuilding branches within the network. ...	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Burrow type	Open irrigation	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	All burrow networks were pitchfork-shaped, consisting of: one long vertical tube in the centre, bisecting a U-shaped tube (Figure 4), with either two or three openings at the sediment surface (clearly visible as distinct holes when viewed from above)	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Burrow type	Open irrigation	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	Individuals tended to utilize one of the openings to access the surface, however, if disturbed, animals often used a different opening thereafter. Based on observations of one individual, the central tube was always an anchor point for either the animal's	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Magelona mirabilis feeds by gathering organic material from the sediment surface with its palps. When feeding on poorly sorted material, selectivity may be shown in that magelonids prefer to handle larger particles. Small crustaceans may also be taken as	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: selectve deposit feeding	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Magelona papillicornis and M. minuta both as selective deposit feeders	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Mobility	slow movement through sediment	3	Mills & Mortimer 2018	https://doi.org/10.1017/S0025315418000784	magelonids have been reported to be relatively motile, burrowing more or less continually through sediments	
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Reworking	surficial modifiers	3	NIVA traits database			
227381	Annelida	Polychaeta		Magelonidae	Magelona alleni	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Burrow type	Blind ended irrigation	3	Wilson 1959	https://doi.org/10.1017/S0025315400006974	The typical form is known only from sand (fairly clean to rather muddy) near Mill Bay, Salcombe, south Devon, in the same ground with M. papillicornis F. Mueller. It lives in fragile tubes, which may be no more than the walls of burrows lined with a secre	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Clare et al 2022			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Mortimer and Mackie 2014	ISSN 1447-2554 https://museumsvictoria.com.au/media/4196/177-202_mmv71_mortimer_3pz_web.pdf	Magelona johnstoni: However, the possibility of suspension feeding has been suggested by other authors (see Rouse, 2001). Our observations have shown M. johnstoni to both capture particles suspended within the water column as well as from the sediment sur	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Mortimer and Mackie 2014	ISSN 1447-2554 https://museumsvictoria.com.au/media/4196/177-202_mmv71_mortimer_3pz_web.pdf	Magelona johnstoni:Palps of M. johnstoni appear to be selective in what they pick up, using the papillae at the palp tips like fingers. Selectivity of the magelonid diet has been previously suggested (Hunt, 1925; Linke, 1939), and Fauchald and Jumars (197	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Magelona mirabilis feeds by gathering organic material from the sediment surface with its palps. When feeding on poorly sorted material, selectivity may be shown in that magelonids prefer to handle larger particles. Small crustaceans may also be taken as	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	selective surface deposit feeder (Table 12) (als M. minuta)	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Magelona papillicornis and M. minuta both as selective deposit feeders	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Magelona alleni: selectve deposit feeding	
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Injection pocket depth	> 10 cm	1	Wrede A et al 2018			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Mobility	Limited movement	3	Raymond et al 2021			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Mobility	Limited movement	3	Queiros AM et al 2013			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Reworking	surficial modifiers	3	Raymond et al 2021			
227383	Annelida	Polychaeta		Magelonidae	Magelona filiformis	Reworking	surficial modifiers	3	NIVA traits database			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Feeding type	Deposit feeder	3	Clare et al 2022			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Mobility	Limited movement	3	Queiros AM et al 2013			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Reworking	surficial modifiers	3	NIVA traits database			
227385	Annelida	Polychaeta		Magelonidae	Magelona minuta	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Sie ernähren sich als Taster oder Strudler hauptsächlich von Detritus	
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	Clare et al 2022			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Magelona mirabilis feeds by gathering organic material from the sediment surface with its palps. When feeding on poorly sorted material, selectivity may be shown in that magelonids prefer to handle larger particles. Small crustaceans may also be taken as	
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Magelona mirabilis feeds by gathering organic material from the sediment surface with its palps. When feeding on poorly sorted material, selectivity may be shown in that magelonids prefer to handle larger particles. Small crustaceans may also be taken as	
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Feeding type	Deposit feeder	3	Fiege et al. 2000	https://doi.org/10.1017/S0025315499001800	We conclude that the magelonids are motile surface deposit-feeders.	
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Mobility	Limited movement	3	Queiros AM et al 2013			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227386	Annelida	Polychaeta		Magelonidae	Magelona mirabilis	Reworking	surficial modifiers	3	NIVA traits database			
227767	Annelida	Polychaeta		Maldanidae	Chirimia biceps	Burrow type	Blind ended irrigation	3	Oleszczuk, B., Michaud, E., Morata, N., Renaud, P. E., & Kędra, M. (2019). Benthic macrofaunal bioturbation activities from shelf to deep basin in spring to summer transition in the Arctic Ocean. Marine Environmental Research, 150, 104746.	10.1016/j.marenvres.2019.06.008	Table 4 Sessile subsurface deposit feeder, I-shaped tube	

227767	Annelida	Polychaeta		Maldanidae	Chirimia biceps	Feeding type	Deposit feeder	3	Oleszczuk, B., Michaud, E., Morata, N., Renaud, P. E., & Kędra, M. (2019). Benthic macrofaunal bioturbation activities from shelf to deep basin in spring to summer transition in the Arctic Ocean. Marine Environmental Research, 150, 104746.	10.1016/j.marenvres.2019.06.008	Table 4 Sessile subsurface deposit feeder	
227767	Annelida	Polychaeta		Maldanidae	Chirimia biceps	Injection pocket depth	> 10 cm	3	Oleszczuk, B., Michaud, E., Morata, N., Renaud, P. E., & Kędra, M. (2019). Benthic macrofaunal bioturbation activities from shelf to deep basin in spring to summer transition in the Arctic Ocean. Marine Environmental Research, 150, 104746.	10.1016/j.marenvres.2019.06.008	Table 4 Deep burrowing	
227767	Annelida	Polychaeta		Maldanidae	Chirimia biceps	Mobility	Limited movement	3	Queiros AM et al 2013			
227767	Annelida	Polychaeta		Maldanidae	Chirimia biceps	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on Maldanidae by Raymond et al 2021			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Feeding type	Deposit feeder	3	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	subsurface deposit feeder	
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Feeding type	Deposit feeder	3	Clare et al 2022			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist based on Maldanidae by Raymond et al 2021			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Mobility	Fixed tubes	3	Cochrane, S. K. J., Pearson, T. H., Greenacre, M., Costelloe, J., Ellingsen, I. H., Dahle, S., & Gulliksen, B. (2012). Benthic fauna and functional traits along a Polar Front transect in the Barents Sea–Advancing tools for ecosystem-scale assessments. Jou	10.1016/j.jmarsys.2011.12.001	At the deeper stations, with higher TOC and generally high mud contents, typical taxa included the burrowing and/or tube-dwelling polychaetes Maldane sarsi, Lumbriclymene minor and Spiochaetopterus typicus.	
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227801	Annelida	Polychaeta		Maldanidae	Lumbriclymene cylindricauda	Reworking	upward and downward conveyors	3	Cochrane, S. K. J., Pearson, T. H., Greenacre, M., Costelloe, J., Ellingsen, I. H., Dahle, S., & Gulliksen, B. (2012). Benthic fauna and functional traits along a Polar Front transect in the Barents Sea–Advancing tools for ecosystem-scale assessments. Jou	10.1016/j.jmarsys.2011.12.001	St 9 had a high abundance and low biomass, due to abundant but small-sized members of the head-down feeding maldanid polychaetes Maldane sarsi and Lumbriclymene minor.	
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Burrow type	Open irrigation	3	Raymond et al 2021			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Feeding type	Deposit feeder	3	Raymond et al 2021			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Feeding type	Deposit feeder	3	Clare et al 2022			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Mobility	Fixed tubes	3	Gogina et al. 2017			lives in tubes, but upscored to M2 as the worm feeds on sediment in a head-down position in its tube and possibly brings in surface material by hoeing with its modified pygidium; it also have been proposed to be keystone species in these environments as a
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Mobility	Fixed tubes	3	Dufour et al. 2008			lives in tubes, but upscored to M2 as the worm feeds on sediment in a head-down position in its tube and possibly brings in surface material by hoeing with its modified pygidium; it also have been proposed to be keystone species in these environments as a
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Mobility	Fixed tubes	3	Raymond et al 2021			lives in tubes, but upscored to M2 as the worm feeds on sediment in a head-down position in its tube and possibly brings in surface material by hoeing with its modified pygidium; it also have been proposed to be keystone species in these environments as a
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	uward and downward conveyer (from family)	
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	NIVA traits database			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Gogina et al. 2017			
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Konovalov, D., Renaud, P.E., Berge, J., Voronkov, A.Y., Cochrane, S.K. (2010) Contaminants, benthic communities, and bioturbation: potential for PAH mobilisation in Arctic sediments. Chemistry and Ecology, 26:197-208.	10.1080/02757541003789058	Maldane sarsi, a head-down, deposit-feeding polychaete, can inhabit vertically oriented tubes that extend 10-20cm or more into the sediment, and is known to be efficient at particle mixing deep into sediments.	
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Konovalov, D., Renaud, P.E., Berge, J., Voronkov, A.Y., Cochrane, S.K. (2010) Contaminants, benthic communities, and bioturbation: potential for PAH mobilisation in Arctic sediments. Chemistry and Ecology, 26:197-208.	10.1080/02757541003789058	Maldane sarsi, a head-down, deposit-feeding polychaete, can inhabit vertically oriented tubes that extend 10-20cm or more into the sediment, and is known to be efficient at particle mixing deep into sediments.	
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Jumars, P., Dorgan, K.M., Lindsay, S.M. (2015) Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annual Review of Marine Science, 7:497-520.	10.1146/annurev-marine-010814-020007	Although primarily tube dwelling (classified as sessile, subsurface deposit feeders by F&J), their contributions to bioturbation can be substantial as they not only feed on subsurface sediments and defecate on the surface, but some species also use th	
227768	Annelida	Polychaeta		Maldanidae	Maldane sarsi	Reworking	upward and downward conveyors	3	Dufour et al. 2008			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Burrow type	Open irrigation	3	Raymond et al 2021			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Feeding type	Deposit feeder	3	Raymond et al 2021			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Feeding type	Deposit feeder	3	Nasi et al 2020			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Injection pocket depth	5-10 cm	3	Nasi et al 2020			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Mobility	Fixed tubes	3	Queiros AM et al 2013			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Reworking	surficial modifiers	2	Raymond et al 2021			
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Reworking	upward and downward conveyors	1	Jumars, P., Dorgan, K.M., Lindsay, S.M. (2015) Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annual Review of Marine Science, 7:497-520.	10.1146/annurev-marine-010814-020007	Although primarily tube dwelling (classified as sessile, subsurface deposit feeders by F&J), their contributions to bioturbation can be substantial as they not only feed on subsurface sediments and defecate on the surface, but some species also use th	
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Reworking	upward and downward conveyors	1	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward and downward conveyor	
2000521	Annelida	Polychaeta		Maldanidae	Maldanidae	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on P. affinis			
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on P. affinis			
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist based on P. affinis			

1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Mobility	Fixed tubes	1	Expert judgement Mats Blomqvist based on P. affinis			
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Mobility	Limited movement	2	Expert judgement Mats Blomqvist based on P. affinis			
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Reworking	upward and downward conveyors	3	Jumars, P., Dorgan, K.M., Lindsay, S.M. (2015) Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annual Review of Marine Science, 7:497-520.	10.1146/annurev-marine-010814-020007	Although primarily tube dwelling (classified as sessile, subsurface deposit feeders by F&J), their contributions to bioturbation can be substantial as they not only feed on subsurface sediments and defecate on the surface, but some species also use th	
1007716	Annelida	Polychaeta		Maldanidae	Praxillella	Reworking	upward and downward conveyors	3	Holte, B., Gulliksen, B. (1998) Common macrofaunal dominant species in the sediments of some north Norwegian and Svalbard glacial fjords. Polar Biology, 19:375-382.	10.1007/s003000050262	Praxillella feed head down at some depth in the sediments	
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Burrow type	Open irrigation	3	Raymond et al 2021			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Mobility	Fixed tubes	1	Queiros AM et al 2013			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Mobility	Limited movement	2	Raymond et al 2021			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Reworking	upward and downward conveyors	3	Holte, B., Gulliksen, B. (1998) Common macrofaunal dominant species in the sediments of some north Norwegian and Svalbard glacial fjords. Polar Biology, 19:375-382.	10.1007/s003000050262	Praxillella feed head down at some depth in the sediments	
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Reworking	upward and downward conveyors	3	Traits data from close taxa			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Reworking	upward and downward conveyors	3	Jumars, P., Dorgan, K.M., Lindsay, S.M. (2015) Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annual Review of Marine Science, 7:497-520.	10.1146/annurev-marine-010814-020007	Although primarily tube dwelling (classified as sessile, subsurface deposit feeders by F&J), their contributions to bioturbation can be substantial as they not only feed on subsurface sediments and defecate on the surface, but some species also use th	
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227783	Annelida	Polychaeta		Maldanidae	Praxillella affinis	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Burrow type	Open irrigation	3	Raymond et al 2021			
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Feeding type	Deposit feeder	3	Raymond et al 2021			
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Mobility	Limited movement	3	Raymond et al 2021			
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	upward conveyer	
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Reworking	upward and downward conveyors	3	Jumars, P., Dorgan, K.M., Lindsay, S.M. (2015) Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annual Review of Marine Science, 7:497-520.	10.1146/annurev-marine-010814-020007	Although primarily tube dwelling (classified as sessile, subsurface deposit feeders by F&J), their contributions to bioturbation can be substantial as they not only feed on subsurface sediments and defecate on the surface, but some species also use th	
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Reworking	upward and downward conveyors	3	Holte, B., Gulliksen, B. (1998) Common macrofaunal dominant species in the sediments of some north Norwegian and Svalbard glacial fjords. Polar Biology, 19:375-382.	10.1007/s003000050262	Praxillella feed head down at some depth in the sediments	
227785	Annelida	Polychaeta		Maldanidae	Praxillella praetermissa	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Burrow type	Open irrigation	3	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Feeding type	Deposit feeder	3	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Mobility	Fixed tubes	1	Queiros AM et al 2013			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Mobility	Limited movement	2	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227805	Annelida	Polychaeta		Maldanidae	Rhodine gracilior	Reworking	upward and downward conveyors	3	NIVA traits database			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Burrow type	Open irrigation	3	Raymond et al 2021			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Feeding type	Deposit feeder	3	Raymond et al 2021			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Injection pocket depth	> 10 cm	3	Josefson et al 2002. Fate of phytodetritus in marine sediments: functional importance of macrofaunal community. MEPS 230:71–85		Page 72: Head-down subsurface-feeding Rhodine loveni. Page 81: sediment activity at the R. loveni feeding depth (>15 cm)	
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Injection pocket depth	> 10 cm	3	Josefson (1981). Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). J. exp. Mar. Biol. Ecol 50: 63–97.	10.1016/0022-0981(81)90063-0	Page 30: Fig 10 Vertical distribution in the sediment	
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Mobility	Fixed tubes	1	Queiros AM et al 2013			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Mobility	Limited movement	2	Raymond et al 2021			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Reworking	upward and downward conveyors	3	NIVA traits database			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Reworking	upward and downward conveyors	3	Hartmann-Schröder 1996; Tax closest species; Dufour et al. 2008			
227806	Annelida	Polychaeta		Maldanidae	Rhodine loveni	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Burrow type	Blind ended irrigation	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	For O. acuminata: Although we were unable to observe members of Ophelina acuminata burrowing in natural sediments, it is plausible that they extend burrows through either plastic deformation alone or a combination of fracture and plastic deformation but n	
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Feeding type	Deposit feeder	3	Clare et al 2022			
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Opheliids are burrowers in sandy or muddy sediments . They are considered non-selective deposit-feeders (p 229)	
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Ophelia limacina and rathkei considered non-selective deposit-feeders	
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Injection pocket depth	5-10 cm	3	Clifton & Thompson 1978	https://doi.org/10.1306/212F7667-2B24-11D7-8648000102C1865D	For Ophelia limacina: Fig.7: Note trails (with apparent ventral concentration of dark grains) 6-7 cm below sediment surface near right side of photograph.	
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227811	Annelida	Polychaeta		Opheliidae	Ophelia borealis	Reworking	biodiffusors	3	Queiros AM et al 2013			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this group			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this group			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Injection pocket depth	5-10 cm	1	Expert judgement Mats Blomqvist based on taxa in this group			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Reworking	biodiffusors	3	Clare et al 2022			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Reworking	biodiffusors	3	Queiros AM et al 2013			
2000518	Annelida	Polychaeta		Opheliidae	Opheliidae	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Feeding type	Deposit feeder	3	Clare et al 2022			

1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Feeding type	Deposit feeder	3	Raymond et al 2021			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Mobility	slow movement through sediment	3	Raymond et al 2021			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Reworking	biodiffusors	3	Clare et al 2022			
1007733	Annelida	Polychaeta		Opheliidae	Ophelina	Reworking	biodiffusors	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Feeding type	Deposit feeder	3	Clare et al 2022			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Mobility	slow movement through sediment	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Reworking	biodiffusors	3	Raymond et al 2021			
227824	Annelida	Polychaeta		Opheliidae	Ophelina abranchiata	Reworking	biodiffusors	3	Clare et al 2022			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Burrow type	Blind ended irrigation	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	Fig 13. Undulatory burrowing movements	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Burrow type	Blind ended irrigation	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	Individuals of Ophelina acuminata exhibit undulatory burrowing behavior, similar to that in the related Armandia brevis, that plastically deforms rather than fractures sediments. We were unfortunately unable to observe this species burrowing in natural se	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Burrow type	Blind ended irrigation	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	Although we were unable to observe members of Ophelina acuminata burrowing in natural sediments, it is plausible that they extend burrows through either plastic deformation alone or a combination of fracture and plastic deformation but not by fracture alo	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Opheliids are burrowers in sandy or muddy sediments . They are considered non-selective deposit-feeders	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Mobility	slow movement through sediment	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	Fig 13. Undulatory burrowing movements	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Mobility	slow movement through sediment	3	Raymond et al 2021			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Mobility	slow movement through sediment	3	Law et. Al 2014	https://doi.org/10.1002/jmor.20237	Some polychaetes, such as A. brevis and O. acuminata, use undulatory body movements rather than peristalsis to move (Clark and Hermans, 1976; Dorgan et al.,2013).	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Reworking	biodiffusors	3	Raymond et al 2021			
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Reworking	biodiffusors	3	Dorgan et al. 2016	https://doi.org/10.1111/ivb.12131	Ophelina acuminata is closely related to and has similar morphology to Armandia brevis, in which it was recently shown that individuals burrow through surficial sediments by plastically rearranging aggregates of mud rather than extending a burrow by fract	
227825	Annelida	Polychaeta		Opheliidae	Ophelina acuminata	Reworking	biodiffusors	3	Queiros AM et al 2013			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Feeding type	Deposit feeder	3	Clare et al 2022			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Mobility	slow movement through sediment	3	Raymond et al 2021			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Reworking	biodiffusors	3	NIVA traits database			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Reworking	biodiffusors	3	Queiros AM et al 2013			
227826	Annelida	Polychaeta		Opheliidae	Ophelina cylindricaudata	Reworking	biodiffusors	3	Raymond et al 2021			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Feeding type	Deposit feeder	3	Clare et al 2022			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Feeding type	Deposit feeder	3	Raymond et al 2021			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Mobility	slow movement through sediment	3	Raymond et al 2021			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996, Tax Closest species			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Reworking	biodiffusors	3	Hartmann-Schröder 1996, Tax Closest species			
262078	Annelida	Polychaeta		Opheliidae	Ophelina minima	Reworking	biodiffusors	3	Raymond et al 2021			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Feeding type	Deposit feeder	3	Raymond et al 2021			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Mobility	slow movement through sediment	3	Raymond et al 2021			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Reworking	biodiffusors	3	Queiros AM et al 2013			
227828	Annelida	Polychaeta		Opheliidae	Ophelina norvegica	Reworking	biodiffusors	3	Raymond et al 2021			
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Burrow type	Open irrigation	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow		fig 2.29 Burrow of Orbinia latreilli	
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Feeding type	Deposit feeder	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	The deposit-feeding Orbinia	
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Feeding type	Deposit feeder	3	Clare et al 2022			
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Injection pocket depth	> 10 cm	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11 > 20 cm Orbinia norvegica	
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Mobility	slow movement through sediment	3	Francoeur & Dorgan 2014			
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Reworking	biodiffusors	3	Clare et al 2022			
1007748	Annelida	Polychaeta		Orbiniidae	Orbinia	Reworking	biodiffusors	3	Francoeur & Dorgan 2014			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Burrow type	Open irrigation	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow		fig 2.29 Burrow of Orbinia latreilli	
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Feeding type	Deposit feeder	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	The deposit-feeding Orbinia	
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Feeding type	Deposit feeder	3	Clare et al 2022			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Injection pocket depth	> 10 cm	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11 > 20 cm Orbinia norvegica	
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Mobility	slow movement through sediment	3	Francoeur & Dorgan 2014			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Reworking	biodiffusors	3	Francoeur & Dorgan 2014			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Reworking	biodiffusors	3	NIVA traits database			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Reworking	biodiffusors	3	Queiros AM et al 2013			
263392	Annelida	Polychaeta		Orbiniidae	Orbinia sertulata	Reworking	biodiffusors	3	Clare et al 2022			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			

227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Feeding type	Deposit feeder	3	Raymond et al 2021			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Mobility	slow movement through sediment	3	Raymond et al 2021			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Reworking	biodiffusors	3	Queiros AM et al 2013			
227852	Annelida	Polychaeta		Orbiniidae	Phylo norvegicus	Reworking	biodiffusors	3	Raymond et al 2021			
227855	Annelida	Polychaeta		Orbiniidae	Scoloplos armiger	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227855	Annelida	Polychaeta		Orbiniidae	Scoloplos armiger	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227855	Annelida	Polychaeta		Orbiniidae	Scoloplos armiger	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227855	Annelida	Polychaeta		Orbiniidae	Scoloplos armiger	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227855	Annelida	Polychaeta		Orbiniidae	Scoloplos armiger	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Burrow type	Blind ended irrigation	3	AWI Traits database			assumed same as for A. minuta
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Feeding type	Deposit feeder	3	Clare et al 2022			
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Injection pocket depth	0-2 cm	2	Gogina M ICES BEWG DENS			assumed same as for A. minuta
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Injection pocket depth	2-5 cm	2	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	Table 3: Aricidea minuta: 3.9 - 6.5 burrowing depth. Leff = 3.9 cm (from observations), Lmax = 6.5 cm (from literature)	
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007752	Annelida	Polychaeta		Paraonidae	Aricidea	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Burrow type	Blind ended irrigation	3	Selim 2007	ISSN: 1687-4285 http://www.niof.sci.eg/images/ejar/vol-33/n2/FAMILY%20PARAONIDAE%20(POLYCHAETA),%20A%20NEW%20RECORD%20TO.pdf	Members of this family burrow just below the surface of sandy-mud sediments. They are non selective deposit feeders and appear to live in vertical burrows (Gaston, 1984 and Blake, 1996).	
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Feeding type	Deposit feeder	3	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: Subsurface deposit feeder	
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Injection pocket depth	0-2 cm	2	Gogina M ICES BEWG DENS			Aricidea minuta?
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Injection pocket depth	2-5 cm	2	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	Table 3: Aricidea minuta: 3.9 - 6.5 burrowing depth. Leff = 3.9 cm (from observations), Lmax = 6.5 cm (from literature)	
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227864	Annelida	Polychaeta		Paraonidae	Aricidea minuta	Reworking	surficial modifiers	3	Querios et al. 2013			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Mobility	slow movement through sediment	3	Raymond et al 2021			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Reworking	surficial modifiers	2	Raymond et al 2021			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Reworking	surficial modifiers	2	Queiros AM et al 2013			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Reworking	surficial modifiers	2	NIVA traits database			
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Reworking	upward and downward conveyors	1	Link, H., Piepenburg, D., Archambault, P. (2013) Are Hotspots Always Hotspots? The Relationship between Diversity, Resource and Ecosystem Functions in the Arctic. PLoS ONE, 8:e74077-.	10.1371/journal.pone.0074077	Gallery burrower	
227872	Annelida	Polychaeta		Paraonidae	Levinsenia gracilis	Reworking	upward and downward conveyors	1	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward conveyer	
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on P. lyra			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Feeding type	Deposit feeder	3	Clare et al 2022			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on P. lyra			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Feeding type	Deposit feeder	3	Clare et al 2022			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on P. lyra (Nasi et al 2020)			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Reworking	surficial modifiers	2	Thrush, S.F., Hewitt, J.E., Kraan, C., Lohrer, A.M., Pilditch, C.A., Douglas, E. (2017) Changes in the location of biodiversity–ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. Proceedings of the Royal	10.1098/rspb.2016.2861	P. lyra: Particle movement: Surface to depth & depth to depth	
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Reworking	upward and downward conveyors	2	Thrush, S.F., Hewitt, J.E., Kraan, C., Lohrer, A.M., Pilditch, C.A., Douglas, E. (2017) Changes in the location of biodiversity–ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. Proceedings of the Royal	10.1098/rspb.2016.2861	P. lyra: Particle movement: Surface to depth & depth to depth	
1007755	Annelida	Polychaeta		Paraonidae	Paradoneis	Reworking	upward and downward conveyors	2	Dimitriou, P.D., Papageorgiou, N., Karakassis, I. (2017) Response of Benthic Macrofauna to Eutrophication in a Mesocosm Experiment: Ecosystem Resilience Prevents Hypoxic Conditions. Frontiers in Marine Science, 4:-.	10.3389/fmars.2017.00391	Upward conveyor	
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on P. lyra			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Feeding type	Deposit feeder	3	Clare et al 2022			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Feeding type	Deposit feeder	3	Clare et al 2022			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on P. lyra			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on P. lyra (Nasi et al 2020)			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Mobility	slow movement through sediment	3	Querios et al. 2013			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Reworking	surficial modifiers	2	Querios et al. 2013			
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Reworking	upward and downward conveyors	2	Dimitriou, P.D., Papageorgiou, N., Karakassis, I. (2017) Response of Benthic Macrofauna to Eutrophication in a Mesocosm Experiment: Ecosystem Resilience Prevents Hypoxic Conditions. Frontiers in Marine Science, 4:-.	10.3389/fmars.2017.00391	Upward conveyor	
233433	Annelida	Polychaeta		Paraonidae	Paradoneis eliasoni	Reworking	upward and downward conveyors	2	Thrush, S.F., Hewitt, J.E., Kraan, C., Lohrer, A.M., Pilditch, C.A., Douglas, E. (2017) Changes in the location of biodiversity–ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. Proceedings of the Royal	10.1098/rspb.2016.2861	P. lyra: Particle movement: Surface to depth & depth to depth	
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Feeding type	Deposit feeder	3	Eleftheriou, A., & Basford, D. J. (1989). The macrobenthic infauna of the offshore northern North Sea. Journal of the Marine Biological Association of the United Kingdom, 69(1), 123-143.	10.1017/S0025315400049158	mainly surface deposit feeding polychaetes, Myriochele sp., Spiophanes kroyeri, Owenia fusiformis, Prionospio multibranchiata and Paradoneis lyra.	
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Feeding type	Deposit feeder	3	Nasi et al 2020			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Feeding type	Deposit feeder	3	Clare et al 2022			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Feeding type	Deposit feeder	3	Clare et al 2022			

233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	surficial modifiers	2	Queiros AM et al 2013			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	surficial modifiers	2	NIVA traits database			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	surficial modifiers	2	Nasi et al 2020			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	surficial modifiers	2	Mestdagh et al 2020			
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	upward and downward conveyors	2	Dimitriou, P.D., Papageorgiou, N., Karakassis, I. (2017) Response of Benthic Macrofauna to Eutrophication in a Mesocosm Experiment: Ecosystem Resilience Prevents Hypoxic Conditions. Frontiers in Marine Science, 4:-.	10.3389/fmars.2017.00391	Upward conveyor	
233573	Annelida	Polychaeta		Paraonidae	Paradoneis lyra	Reworking	upward and downward conveyors	2	Thrush, S.F., Hewitt, J.E., Kraan, C., Lohrer, A.M., Pilditch, C.A., Douglas, E. (2017) Changes in the location of biodiversity–ecosystem function hot spots across the seafloor landscape with increasing sediment nutrient loading. Proceedings of the Royal	10.1098/rspb.2016.2861	P. lyra: Particle movement: Surface to depth & depth to depth	
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Burrow type	Blind ended irrigation	2	Expert judgement Mats Blomqvist based on taxa in this group			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Burrow type	Epifauna, internal irrigation	2	Expert judgement Mats Blomqvist based on taxa in this group			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on taxa in this group			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this group			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
2000515	Annelida	Polychaeta		Paraonidae	Paraonidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227836	Annelida	Polychaeta		Scalibregmatidae	Lipobranchius jeffreysii	Burrow type	Open irrigation	3	Raymond et al 2021			
227836	Annelida	Polychaeta		Scalibregmatidae	Lipobranchius jeffreysii	Feeding type	Deposit feeder	3	Raymond et al 2021			
227836	Annelida	Polychaeta		Scalibregmatidae	Lipobranchius jeffreysii	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227836	Annelida	Polychaeta		Scalibregmatidae	Lipobranchius jeffreysii	Mobility	free movement via burrow system	3	Raymond et al 2021			
227836	Annelida	Polychaeta		Scalibregmatidae	Lipobranchius jeffreysii	Reworking	biodiffusors	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Burrow type	Open irrigation	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Feeding type	Deposit feeder	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Mobility	free movement via burrow system	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Reworking	biodiffusors	3	Raymond et al 2021			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Reworking	biodiffusors	3	Queiros AM et al 2013			
227837	Annelida	Polychaeta		Scalibregmatidae	Polyphysia crassa	Reworking	biodiffusors	3	NIVA traits database			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Burrow type	Open irrigation	3	Wrede A et al 2018			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Burrow type	Open irrigation	3	Raymond et al 2021			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	deposit feeder, deposit feeder subsurface	
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Scalibregma inflatum may also feed at the surface, and has been called non-selective (Mare, 1942). It is unclear what evidence Mare had for her statement; we have been unable to find any evidence for or against selectivity for any member of this family.	
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Feeding type	Deposit feeder	3	Raymond et al 2021			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Injection pocket depth	> 10 cm	2	Raymond et al 2021			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Mobility	free movement via burrow system	3	Raymond et al 2021			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Reworking	biodiffusors	3	NIVA traits database			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Reworking	biodiffusors	3	Queiros AM et al 2013			
227839	Annelida	Polychaeta		Scalibregmatidae	Scalibregma inflatum	Reworking	biodiffusors	3	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Feeding type	Predator	3	WORMS	http://www.marinespecies.org/index.php	omnivore predator scavenger	
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Feeding type	Predator	3	Wrede A et al 2018			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Feeding type	Predator	3	Clare et al 2022			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Amphinomiden sind omnivor oder carnivor leben überwiegend von sessilen tieren wie Schwämme Cnidaria Korallen und Ascidien	
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Feeding type	Predator	3	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Mobility	slow movement through sediment	3	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Reworking	biodiffusors	3	Raymond et al 2021			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Reworking	biodiffusors	3	Queiros AM et al 2013			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Reworking	biodiffusors	3	NIVA traits database			
227167	Annelida	Polychaeta	Amphinomida	Amphinomidae	Paramphinome jeffreysi	Reworking	biodiffusors	3	Hartmann-Schröder 1996			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	Wrede A et al 2018			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	Clare et al 2022			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	Sardá et al. 2000	https://doi.org/10.1006/jmsc.2000.0922	the carnivorous polychaetes Protodorvillea kefersteini	
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Protodorvillea kefersteini are carnivores (Pearson, 1971; Rasmussen, 1973; Wolff, 1973). Rasmussen detailed the diet of the latter as a "variety of small invertebrates".	
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator Scavenger	
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	ernährt sich von kleinen Invertebraten	
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Reworking	biodiffusors	3	Queiros AM et al 2013			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Reworking	biodiffusors	3	Queiros AM et al 2013			
227261	Annelida	Polychaeta	Eunicida	Dorvilleidae	Protodorvillea kefersteini	Reworking	biodiffusors	3	NIVA traits database			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Feeding type	Predator	3	Raymond et al 2021			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Mobility	slow movement through sediment	3	Raymond et al 2021			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Reworking	biodiffusors	3	Queiros AM et al 2013			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Reworking	biodiffusors	3	NIVA traits database			
227229	Annelida	Polychaeta	Eunicida	Lumbrineridae	Abyssoninoe hibernica	Reworking	biodiffusors	3	Raymond et al 2021			
1007489	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria	Burrow type	Epifauna, internal irrigation	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	

1007489	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria	Feeding type	Predator	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Carnivore/omnivore	
1007489	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria	Injection pocket depth	0-2 cm	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
1007489	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria	Mobility	Limited movement	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
1007489	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria	Reworking	surficial modifiers	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
227209	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria tentaculata	Burrow type	Epifauna, internal irrigation	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
227209	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria tentaculata	Feeding type	Predator	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Carnivore/omnivore	
227209	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria tentaculata	Injection pocket depth	0-2 cm	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
227209	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria tentaculata	Mobility	Limited movement	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
227209	Annelida	Polychaeta	Eunicida	Lumbrineridae	Augeneria tentaculata	Reworking	surficial modifiers	3	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Surface crawler	
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in family Lumbrineridae			
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: L. gracilis and Lumbrineris sp. regarded non-selective deposit feeders	
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Feeding type	Predator	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Table 1: Lumbrineris sp. regarded carnivorous	
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Feeding type	Predator	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Table 3: Lumbrineris sp. regarded predatory/scavenger	
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Injection pocket depth	> 10 cm	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 10 20cm	
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227213	Annelida	Polychaeta	Eunicida	Lumbrineridae	Lumbrineris aniara	Reworking	biodiffusors	3	Queiros AM et al 2013			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Feeding type	Predator	3	Raymond et al 2021			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Feeding type	Predator	3	Clare et al 2022			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Mobility	slow movement through sediment	3	Raymond et al 2021			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Reworking	biodiffusors	3	Raymond et al 2021			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Reworking	biodiffusors	3	NIVA traits database			
227234	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma fragilis	Reworking	biodiffusors	3	Queiros AM et al 2013			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in same genus			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Feeding type	Predator	3	Clare et al 2022			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Feeding type	Predator	3	Traits data from close taxa			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on other taxa in same genus			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227236	Annelida	Polychaeta	Eunicida	Lumbrineridae	Scoletoma magnidentata	Reworking	biodiffusors	3	Queiros AM et al 2013			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Feeding type	Predator	3	Clare et al 2022			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Feeding type	Predator	3	Raymond et al 2021			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Mobility	slow movement through sediment	3	Raymond et al 2021			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Reworking	biodiffusors	3	Raymond et al 2021			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Reworking	biodiffusors	3	Queiros AM et al 2013			
227241	Annelida	Polychaeta	Eunicida	Oenonidae	Drilonereis filum	Reworking	biodiffusors	3	NIVA traits database			
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Burrow type	Blind ended irrigation	3	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	Acoetids show reluctance to leave the tube entirely (Acoetes lupina, Stimpson 1856; Panthalis oerstedi, Watson 1895; Polyodontes vanderloosi, Barnich & Steene 2003) but P. oerstedi was noted to move occasionally (Watson 1895), and P. vanderloosi took up r	
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Feeding type	Predator	3	Clare et al 2022			
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Feeding type	Predator	3	Hourdez, S., Osborn, K. J., & Gonzalez, B. C. (2022). Annelida: Pleistoannelida, Errantia II, Phyllodocida. Section 7.13. 1.2 Acoetidae Kinberg, 1856.	https://hal.sorbonne-universite.fr/hal-03800740/document	Acoetids are strategic ambush (sit and wait) predators that lure prey by protruding the tips of their palps, or, their elongated mouth papillae, from their tube, seizing unsuspecting passers (Fig. 3B). Acoetids grasp or pierce their prey with their beak-l	
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on large size			
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Mobility	Fixed tubes	3	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	Acoetids show reluctance to leave the tube entirely (Acoetes lupina, Stimpson 1856; Panthalis oerstedi, Watson 1895; Polyodontes vanderloosi, Barnich & Steene 2003) but P. oerstedi was noted to move occasionally (Watson 1895), and P. vanderloosi took up r	
227127	Annelida	Polychaeta	Phyllodocida	Acoetidae	Panthalis oerstedi	Reworking	biodiffusors	3	Clare et al 2022			
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Feeding type	Predator	3	Mettam 1980	https://doi.org/10.1017/S0025315400040467	active predator	
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Feeding type	Predator	3	Wrede A et al 2018			
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Reworking	biodiffusors	3	NIVA traits database			

227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Reworking	biodiffusors	3	Widdicombe et al. 2004	https://doi.org/10.3354/meps275001	Aphrodita aculeata (L., 1758) is a large (up to 20 cm long), oval-bodied polychaete worm. It is an active, mobile predator (Mettam 1980) but, unlike Nephtys caeca, this species operates close to or actually on the sediment surface....In contrast,A. aculeata	
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Reworking	biodiffusors	3	Mettam 1971	https://doi.org/10.1111/j.1469-7998.1971.tb04546.x	slow free movement through sediment matrix	
227039	Annelida	Polychaeta	Phyllodocida	Aphroditidae	Aphrodita aculeata	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Burrow type	Open irrigation	3	Nasi et al 2020			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Feeding type	Predator	3	Clare et al 2022			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Feeding type	Predator	3	Nasi et al 2020			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Injection pocket depth	> 10 cm	3	Nasi et al 2020			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Mobility	slow movement through sediment	3	Nasi et al 2020			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Reworking	biodiffusors	3	NIVA traits database			
1007340	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera	Reworking	biodiffusors	3	Nasi et al 2020			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Burrow type	Open irrigation	3	Raymond et al 2021			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Burrow type	Open irrigation	3	Ockelmann, Kurt W.; Vahl, Ola (1970). On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Fig 1 Formation of the burrow of Glycera alba.	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Burrow type	Open irrigation	3	Hartmann-Schröder 1971 Die Tierwelt Deutschlands 58 Teil		Page 236: Sie baut schleimverklebte und mit Schill inkrustierte Gänge, die relativ stabil sind	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	NachBlegvad (1916) ist G. alba karnivor	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Feeding type	Predator	3	Raymond et al 2021			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Feeding type	Predator	3	Vahl, Ola (1976). On the digestion of Glycera alba (Polychaeta). Ophelia, 15:49–56.	doi:10.1080/00785326.1976.10425448	Page 49: This polychaete is an almost sedentary predator living in a permanent burrow which is constructed of tubes serving different purposes	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator/Scavenger	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Feeding type	Predator	3	Ockelmann, Kurt W.; Vahl, Ola (1970). On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Page 280: When the prey is swallowed - and often already before swallowing is complete - Glycera slides backwards into a retreat-tube in which it stays until digestion is brought to an end. Page 280: Newly dead prey animals, animals lying motionless, and	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Injection pocket depth	> 10 cm	1	Ockelmann, Kurt W.; Vahl, Ola (1970). On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Fig 1 Formation of the burrow of Glycera alba Page 277: The first tube formed is almost vertical and - if space permits - reaches a depth below the sediment surface of up to 1.5 times the length of the extended worm. Page 286: G. alba - relaxed body leng	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Injection pocket depth	5-10 cm	2	Raymond et al 2021			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	free movement via burrow system	2	Raymond et al 2021			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	free movement via burrow system	2	Hartmann-Schröder 1971 Die Tierwelt Deutschlands 58 Teil		Page 236: Sie baut schleimverklebte und mit Schill inkrustierte Gänge, die relativ stabil sind	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	free movement via burrow system	2	Ockelmann & Vahl 1970. On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Fig 1 Formation of the burrow of Glycera alba. The burrow has retreat, waiting and connecting tubes. Page277: G.alba is thus an efficient burrower during the initial stage of burrowing. Page 279: An established G. alba, if left undisturbed, will rarely le	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	free movement via burrow system	2	Ockelmann & Vahl 1970. On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Fig 1 Formation of the burrow of Glycera alba. Page 279: An established G. alba, if left undisturbed, will rarely leave its burrow. Page 279: G. alba definitely produces a permanent burrow which is essential for its mode of life.	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	slow movement through sediment	2	Vahl 1976. On the digestion of Glycera alba (Polychaeta). Ophelia, 15:49–56.	10.1080/00785326.1976.10425448	Page 49: This polychaete is an almost sedentary predator living in a permanent burrow which is constructed of tubes serving different purposes.	
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Mobility	slow movement through sediment	2	Queiros AM et al 2013			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Reworking	biodiffusors	3	NIVA traits database			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Reworking	biodiffusors	3	Queiros AM et al 2013			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Reworking	biodiffusors	3	Raymond et al 2021			
226797	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera alba	Reworking	biodiffusors	3	Ockelmann, Kurt W.; Vahl, Ola (1970). On the biology of the polychaete Glycera alba, especially its burrowing and feeding. Ophelia, 8:275–294.	10.1080/00785326.1970.10429564	Page 280: A hungry G. alba in its burrow may remain here for days only showing occasional undulatory movements of middle and hind parts of the body which produce a weak posteriorly directed water current. A potential prey close to a waiting-tube causes th	
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Burrow type	Open irrigation	3	Wrede A et al 2018			
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Feeding type	Deposit feeder	1	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	G. lapidum ist wie die meisten Glyceriden Detritusfesser. Die Nahrungsteile werneden mit den Kiefern ergriffen und in den Mund befördert gleichzeitig soll der Rüssel auch der Lokomotion dienen	
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Feeding type	Predator	2	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Both groups of investigators may be correct : each species investigated has been unanimously assigned to a mode. G. alba, G. convoluta, G. lapidum, G. robusta, G. rouxii, and G. siphonostoma are considered carnivores (Blegvad, 1914; Hunt, 1925; Mare, 1942	
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Feeding type	Predator	2	Wrede A et al 2018			
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Feeding type	Predator	2	WORMS	http://www.marinespecies.org/index.php	carnivore detritus feeder	
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Feeding type	Predator	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator/Scavenger	
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Injection pocket depth	2-5 cm	3	Wrede A et al 2018			
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Reworking	biodiffusors	3	Queiros AM et al 2013			
226803	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera lapidum	Reworking	biodiffusors	3	NIVA traits database			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Burrow type	Open irrigation	3	Raymond et al 2021			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Feeding type	Deposit feeder	2	Solis-Weiss et al. 2004	https://doi.org/10.1016/j.scitotenv.2004.01.027	Appendix A: surface deposit feeder	
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Feeding type	Predator	2	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Predator	
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Feeding type	Predator	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Feeding type	Predator	2	Raymond et al 2021			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Mobility	free movement via burrow system	1	Raymond et al 2021			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Mobility	slow movement through sediment	2	Queiros AM et al 2013			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Reworking	biodiffusors	3	NIVA traits database			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Reworking	biodiffusors	3	Queiros AM et al 2013			
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Reworking	biodiffusors	3	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	biodiffuor	
226809	Annelida	Polychaeta	Phyllodocida	Glyceridae	Glycera unicornis	Reworking	biodiffusors	3	Raymond et al 2021			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Burrow type	Blind ended irrigation	3	Blake & Hillbig 1994	ISBN: 9780936494258	For Goniadidae (Glycinde mordmanni is in Goniadidae family): Matson (1981) observed the burrowing and feeding of Goniada maculata, he found that worms construct nonpermanent burrows from which they attack neighbouring prey species	
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Feeding type	Predator	3	Raymond et al 2021			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator Scavenger	
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Feeding type	Predator	3	Wrede A et al 2018			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Mobility	free movement via burrow system	2	Raymond et al 2021			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Reworking	biodiffusors	3	Raymond et al 2021			

226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Reworking	biodiffusors	3	Queiros AM et al 2013			
226811	Annelida	Polychaeta	Phyllodocida	Goniadidae	Glycinde nordmanni	Reworking	biodiffusors	3	NIVA traits database			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	predator	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	Mattson 1981	https://doi.org/10.1080/00364827.1981.10414519	Faecal food remains show that G. maculata feeds primarily on "sedentary" polychaetes below the sediment surface	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	Autökologischer Atlas	IFAÖ & AWI (2008): Autökologischer Atlas benthischer wirbelloser Tiere in der Deutschen Nord- und Ostsee., Version 1.1. CD-ROM im Auftrag des BMU, FKZ 0329997	Auf Grund der "Bewaffnung" des Rüssels wird davon ausgegangen, dass die Art sich räuberisch ernährt (Böggemann 2005).	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	Wrede A et al 2018			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator/Scavenger	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	Raymond et al 2021			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Feeding type	Predator	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: predator	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Mobility	free movement via burrow system	2	Raymond et al 2021			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Reworking	biodiffusors	3	NIVA traits database			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Reworking	biodiffusors	3	Queiros AM et al 2013			
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Reworking	biodiffusors	3	Mattson 1981	https://doi.org/10.1080/00364827.1981.10414519	having burrowed G. maculata usually moves only by means of ist parapodia. It moves only forwards through unbroken sediment but in the resulting burrow it moves backwards almost as easily as forwards...The worms studied moved downwards to varying depth and e	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Reworking	biodiffusors	3	Ellis and Schneider 1997	https://doi.org/10.1023/A:1005752603707	Goniada maculata, may move freely.	
226813	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniada maculata	Reworking	biodiffusors	3	Raymond et al 2021			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this family			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Feeding type	Predator	3	Clare et al 2022			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this family			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Injection pocket depth	5-10 cm	1	Expert judgement Mats Blomqvist based on taxa in this family			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Mobility	free movement via burrow system	2	Expert judgement Mats Blomqvist based on taxa in this family			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Mobility	slow movement through sediment	1	Expert judgement Mats Blomqvist based on taxa in this family			
2000488	Annelida	Polychaeta	Phyllodocida	Goniadidae	Goniadidae	Reworking	biodiffusors	3	Clare et al 2022			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Burrow type	Open irrigation	3	Raymond et al 2021			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Feeding type	Predator	3	Raymond et al 2021			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Mobility	slow movement through sediment	3	Raymond et al 2021			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Reworking	biodiffusors	2	NIVA traits database			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Reworking	biodiffusors	2	Queiros AM et al 2013			
226847	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra punctata	Reworking	surficial modifiers	2	Raymond et al 2021			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on other taxa in the same genus (Raymond et al 2021)			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Feeding type	Deposit feeder	2	Clare et al 2022			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Feeding type	Deposit feeder	2	Expert judgement Mats Blomqvist based on other taxa in the same genus			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Feeding type	Predator	2	Clare et al 2022			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Feeding type	Predator	2	Expert judgement Mats Blomqvist based on other taxa in the same genus			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on other taxa in the same genus			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on other taxa in the same genus			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Reworking	biodiffusors	2	Expert judgement Mats Blomqvist based on other taxa in the same genus (Queiros et al 2013)			
245755	Annelida	Polychaeta	Phyllodocida	Hesionidae	Nereimyra woodsholea	Reworking	surficial modifiers	2	Expert judgement Mats Blomqvist based on other taxa in the same genus (Raymond et al 2021)			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Burrow type	Blind ended irrigation	1	Oug 1980	https://doi.org/10.1080/00785326.1980.10425515	Oxydromus was Ophiodromus before. In the aquaria Ophiodromus spends most of the time creeping slowly around on the sediment surface. Burrowing occurs from time to time, but a burrow is usually soon left and not re-used. However, a few specimens made groov	
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Burrow type	Epifauna, internal irrigation	2	Oug 1980	https://doi.org/10.1080/00785326.1980.10425515	O. flexuosus from Lindaspollene, west Norway, show that the species are carnivores and scavengers which search for food on the bottom. Small crustaceans and polychaetes are the most common prey; dead animals are utilized when encountered.	
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Burrow type	Epifauna, internal irrigation	2	Raymond et al 2021			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Burrow type	Epifauna, internal irrigation	2	Oug 1980	https://doi.org/10.1080/00785326.1980.10425515	Oxydromus was Ophiodromus before. In the aquaria Ophiodromus spends most of the time creeping slowly around on the sediment surface. Burrowing occurs from time to time, but a burrow is usually soon left and not re-used. However, a few specimens made groov	
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Feeding type	Predator	3	Oug 1980	https://doi.org/10.1080/00785326.1980.10425515	O. flexuosus from Lindaspollene, west Norway, show that the species are carnivores and scavengers which search for food on the bottom. Small crustaceans and polychaetes are the most common prey; dead animals are utilized when encountered.	
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Feeding type	Predator	3	Chim et al. 2013	ISSN: 00079723; http://scholarbank.nus.edu.sg/handle/10635/117229	its free-living congeners Oxydromus pugettensis and O. flexuosus feed on small invertebrates, primarily harpacticoid copepods (Shaffer, 1979; Oug, 1980)	
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Feeding type	Predator	3	Raymond et al 2021			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist, mainly occurs on sediment surface			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Mobility	free movement via burrow system	2	Raymond et al 2021			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Reworking	biodiffusors	1	Queiros AM et al 2013			
226852	Annelida	Polychaeta	Phyllodocida	Hesionidae	Oxydromus flexuosus	Reworking	surficial modifiers	2	Raymond et al 2021			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Feeding type	Predator	2	Raymond et al 2021			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Feeding type	Predator	2	Chim et al. 2013	ISSN: 00079723; http://scholarbank.nus.edu.sg/handle/10635/117229	Podarkeopsis belongs to the Hesionidae. For Oxydromus, another Hesionidae: its free-living congeners Oxydromus pugettensis and O. flexuosus feed on small invertebrates, primarily harpacticoid copepods (Shaffer, 1979; Oug, 1980)	
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Feeding type	Predator	2	Oug 1980	https://doi.org/10.1080/00785326.1980.10425515	Podarkeopsis belongs to the Hesionidae. For Oxydromus, another Hesionidae: O. flexuosus from Lindaspollene, west Norway, show that the species are carnivores and scavengers which search for food on the bottom. Small crustaceans and polychaetes are the mos	
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Feeding type	Predator	2	Clare et al 2022			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Feeding type	Surface filter feeder	1	Wrede A et al 2018			

226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Mobility	slow movement through sediment	3	Tax closest species			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Mobility	slow movement through sediment	3	Raymond et al 2021			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Reworking	biodiffusors	1	Querios et al. 2013			
226840	Annelida	Polychaeta	Phyllodocida	Hesionidae	Podarkeopsis helgolandicus	Reworking	surficial modifiers	2	Raymond et al 2021			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Feeding type	Predator	3	Clare et al 2022			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Feeding type	Predator	3	Raymond et al 2021			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Mobility	slow movement through sediment	3	Raymond et al 2021			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Reworking	biodiffusors	3	Clare et al 2022			
227037	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Aglaophamus pulcher	Reworking	biodiffusors	3	Raymond et al 2021			
1007416	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys	Burrow type	Blind ended irrigation	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	4 Nephtys species: BT3	
1007416	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys	Feeding type	Predator	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	4 Nephtys species: FT2	
1007416	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys	Injection pocket depth	0-2 cm	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	4 Nephtys species: ID1	
1007416	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007416	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys	Reworking	biodiffusors	3	Queiros AM et al 2013			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Art lebt räuberrisch in den oberen Schichten des Substrats	
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Feeding type	Predator	3	Wrede A et al 2018			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Reworking	biodiffusors	3	NIVA traits database			
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227026	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys caeca	Reworking	biodiffusors	3	Queiros AM et al 2013			
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	lebt grabend in den obersten Schichten des Sediments, frisst Sediment, aber auch kleine Mollusken, Krebse und andere Polychaeten	
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Injection pocket depth	2-5 cm	3	Ambrose Jr. (1984). Influences of predatory polychaetes and epibenthic predators on the structure of a soft-bottom community in a maine estuary. . Exp. Mar. Biol. Ecol., pp. 115-145	10.1016/0022-0981(84)90002-9	Page 123: Table I. Nephtys incisa - Depth distribution 0-4 cm	
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Reworking	biodiffusors	3	Queiros AM et al 2013			
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Reworking	biodiffusors	3	NIVA traits database			
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227027	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys ciliata	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Feeding type	Predator	3	Wrede A et al 2018			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Nach Blegvad (1914) lebt die Art räuberisch von anderen kleinen Würmern , kleinen Krebsen und jungen Mollusken; sie frisst jedoch auch Aas Diatomeen, Detritus und Sand.	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Feeding type	Predator	3	Clark 1962	https://doi.org/10.4319/lo.1962.7.3.0380	Nephtys cirosa and N. hombergi show these species to be carnivores. The density of both intertidal and sublittoral populations of these and other species and the organic content of soils in which they occur, as well as other factors, are all consistent wi	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Feeding type	Predator	3	Nasi et al 2020			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Injection pocket depth	> 10 cm	1	Rosenberg, R., 1977. Benthic macrofaunal dynamics, production, and dispersion in an oxygen-deficient estuary of west Sweden. Journal of Experimental Marine Biology and Ecology 26, 107–133	https://doi.org/10.1016/0022-0981(77)90102-2	Only 7 species were collected in the 10-20 cm layer over the year. Five of these were found only as single individuals in addition to Nephtys hombergi and Nereis virens in numbers of 7 and 2, respectively.	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Injection pocket depth	0-2 cm	2	Wrede A et al 2018			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Injection pocket depth	5-10 cm	2	Rosenberg, R., 1977. Benthic macrofaunal dynamics, production, and dispersion in an oxygen-deficient estuary of west Sweden. Journal of Experimental Marine Biology and Ecology 26, 107–133	https://doi.org/10.1016/0022-0981(77)90102-2	The only species represented in the 5-10 cm layer throughout was Nephtys hombergi. On average over the year, 12 % of the population was found in this stratum, but in August it exceeded 20 % at each of the Stations 14 and 17.	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Injection pocket depth	5-10 cm	2	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow.		Branching 2 mm burrows consisting predominantly of vertical burrows in the top 8 cm of the sediment were probably constructed by Nephtys homberqi.	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Mobility	slow movement through sediment	3	Hartmann-Schröder (1996), present study			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Reworking	biodiffusors	3	NIVA traits database			
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Reworking	biodiffusors	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	lebt im Endopsammal, sie kriecht in 5 bis 20 cm Tiefe im Substrat umher, kommt jedoch auch an die Oberfläche, auf der auch streckenweise gekrochen wird und bildet dabei lockere vergängliche Gangsysteme, die keinerlei verfestigung zeigen, höchstens geringe	
227030	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hombergii	Reworking	biodiffusors	3	Queiros AM et al 2013			
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Feeding type	Predator	3	Clare et al 2022			
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Reworking	biodiffusors	3	Queiros AM et al 2013			

227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227032	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys hystricis	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Deposit feeder	1	Redmond & Scott 1989	https://doi.org/10.2307/1351825	Although most nephtyid polychaete worms are active predators, Nephtys incisa has been considered a nonselective deposit-feeder. We conclude that N. incisa will prey upon amphipods under laboratory conditions. ...The evidence presented here, based upon lab	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Nephtys hombergii regarded predator	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Table 1: Several Nephtys species, incl. incise, regarded carnivorous	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Raymond et al 2021			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Sciberras et al. 2017	https://doi.org/10.1007/s10533-017-0370-5	Table 3: Nephtys sp. regarded predator	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	Table 12: Nephtys incisa and N. hystricis regarded predators	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Appendix 1: Nephtys sp. regarded carnivorous	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Several Nephtys species regarded carnivorous	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Feeding type	Predator	2	Clark 1962	https://doi.org/10.4319/lo.1962.7.3.0380	Those sublittoral populations of N. incisa on the American Atlantic coast, which have been shown to feed on detritus are exceptional for the species and the family.	
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Mobility	slow movement through sediment	3	Raymond et al 2021			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Reworking	biodiffusors	3	NIVA traits database			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Reworking	biodiffusors	3	Queiros AM et al 2013			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Reworking	biodiffusors	3	Raymond et al 2021			
227033	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys incisa	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Sciberras et al. 2017	https://doi.org/10.1007/s10533-017-0370-5	Table 3: Nephtys sp. regarded predator	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Nephtys hombergii regarded predator	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	Table 12: Nephtys incisa and N. hystricis regarded predators	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Table 1: Several Nephtys species, incl. incise, regarded carnivorous	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Several Nephtys species regarded carnivorous	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Feeding type	Predator	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Appendix 1: Nephtys sp. regarded carnivorous	
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Reworking	biodiffusors	3	NIVA traits database			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227034	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys longosetosa	Reworking	biodiffusors	3	Queiros AM et al 2013			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Feeding type	Predator	3	Raymond et al 2021			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Mobility	slow movement through sediment	3	Raymond et al 2021			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Reworking	biodiffusors	3	Hartmann-Schröder, G. (1996). Annelida, Borstenwürmer, Polychaeta-Tierwelt Deutschlands, Teil 58. Veb Gustav Fischer Verlag Jena, Hamburg.			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Reworking	biodiffusors	3	Queiros AM et al 2013			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Reworking	biodiffusors	3	NIVA traits database			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Reworking	biodiffusors	3	Raymond et al 2021			
227035	Annelida	Polychaeta	Phyllodocida	Nephtyidae	Nephtys paradoxa	Reworking	biodiffusors	3	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Feeding type	Predator	3	Raymond et al 2021			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Mobility	slow movement through sediment	3	Raymond et al 2021			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Reworking	biodiffusors	3	Raymond et al 2021			
226997	Annelida	Polychaeta	Phyllodocida	Nereididae	Ceratocephale loveni	Reworking	biodiffusors	3	Queiros AM et al 2013			
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Burrow type	Open irrigation	3	Davey, 1994 The architecture of the burrow of Nereis diversicolor and its quantification in relation to sediment-water exchange. J. Exp. Mar. Biol. Ecol. 179:115-129	10.1016/0022-0981(94)90020-5	Page 123: They completed what may be generalized as a "U-shaped burrow. They then returned to the deepest part of the "U" and added a further, downward, stem to create a Y-shaped burrow. Page 124: Fig. 3 illustrates changes in such a burrow system, made b	
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Burrow type	Open irrigation	3	Esselink & Zwarts 1989 Seasonal trend in burrow depth and tidal variation in feeding activity of Nereis diversicolor Mar Ecol Prog Ser 56:243-254	https://www.jstor.org/stable/24833801	Page 244: Most of the burrows had the shape of a U, less often a J and occasionally a Y.	

227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Deposit feeder	2	Reise 1979 Spatial configurations generated by motile benthic polychaetes. Helgoländer wiss. Meeresunters. 32, 55-72	10.1007/BF02189892	Page 66: Primarily, N. diversicolor seems to be a surface-deposit feeder. At least in the area investigated, branching feeding tracks surrounding the entrances of burrows support this view		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Predator	2	Rönn et al 1988. Predation as a mechanism of interference within infauna in shallow brackish water soft bottoms; experiments with an infauna predator, Nereis diversicolor O.F. Miller. J. Exp. Mar. Biol. Ecol. 116:143-157	10.1016/0022-0981(88)90052-4	Abstract: Nereis diversicolor was shown to be a potential predator on all of the prey species tested: Chironomidae larvae, Corophium volutator (Pallas), and small Macoma balthica		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Predator	2	Harley 1953. The feeding habits of Nereis diversicolor (O. F. Müller). The British Journal of Animal Behaviour, 1:88	10.1016/S0950-5601(53)80072-9	Page 88: young specimens have been known to eat young Arenicola marina		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Predator	2	Witte & De Wilde 1979. On the ecological relation between Nereis diversicolor and juvenile Arenicola marina. , 13:394–405	10.1016/0077-7579(79)90013-9	Page 405: Nereis predates on tail ends of Arenicola		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Surface filter feeder	1	Harley 1950. Occurrence of a Filter-feeding Mechanism in the Polychæte Nereis diversicolor. Nature, 165(4201), 734–735.	10.1038/165734b0	Page 734: Discovery of a filter-feeding mechanism.		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Feeding type	Surface filter feeder	1	Riisgård 1991 Suspension feeding in the polychaete Nereis diversicolor. Mar Ecol. Prog.Ser. 70:29-37	10.3354/MEPS070029	Page 35: The present work has shown that Nereis diversicolor behaves as a typical marine suspension feeder when food particles are present in the surrounding water.		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Injection pocket depth	> 10 cm	3	Hartmann-Schröder 1971 Die Tierwelt Deutschlands Teil 58		Page 198: Dieses gangsystem reicht bis etwa 20 bis 30 cm tiefe		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Injection pocket depth	> 10 cm	3	Riisgård 1991 Suspension feeding in the polychaete Nereis diversicolor. Mar Ecol. Prog.Ser. 70:29-37	10.3354/MEPS070029	Page 245: Nereis diversicolor lived in burrows 1 to 29 cm deep (Fig. 2).		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Mobility	free movement via burrow system	3	Reise 1979 Spatial configurations generated by motile benthic polychaetes. Helgoländer wiss. Meeresunters. 32:55-72	10.1007/BF02189892	Page 66: Retreat-tubes of large worms may have two or more openings to the surface. Worms usually stay with their tail ends in the burrow while feeding, and retract quickly when disturbed.		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Mobility	free movement via burrow system	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Van Colen, C., Van Hoey, G., Widdicombe, S., 2013. A bioturbation classification of European marine infaunal inverteb	10.1002/ece3.769			
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Reworking	biodiffusors	3	Queiros AM et al 2013				
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Reworking	biodiffusors	3	François, Gerino, Stora, Durbec, Poggiale 2002. Functional approach to sediment reworking by gallery-forming macrobenthic organisms: modeling and application with the polychaete Nereis diversicolor. Mar Ecol Prog Ser 229:127–136	10.3354/meps229127	Page 132: In the reference cores, all the luminophores were still at the sediment water interface at the end of the experiment. In the cores with Nereis diversicolor, luminophores were found down to 14.3 cm (range: 13 to 15 cm) after 15 d, and down to 18.		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Reworking	biodiffusors	3	Scaps 2002 A review of the biology, ecology and potential use of the common ragworm Hediste diversicolor (O.F. Müller) (Annelida: Polychaeta). Hydrobiologia 470: 203–218,	10.1023/A:1015681605656	Page 212: Sediment reworking by feeding and burrow construction influence particle transport		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Reworking	biodiffusors	3	Franck Gilbert; Patricia Bonin; Georges Stora (1995). Effect of bioturbation on denitrification in a marine sediment from the West Mediterranean littoral. Hydrobiologia 304: 49-58	doi:10.1007/bf02530703	Page 54-55: Table 2 presents the distribution of added luminophores in the different sediments. In cores with N. diversicolor the number of buried luminophores after 45 days was 1.3 to 1.5 times higher than after 15 days over the whole depth (10 cm) of bi		
227000	Annelida	Polychaeta	Phyllodocida	Nereididae	Hediste diversicolor	Reworking	biodiffusors	3	Gerino & Stora 1991 Analyse quantitative in vitro de la bioturbation induite par la Polychète Nereis diversicolor. C. R. Acad. Sci. Paris, t. 313, Série III, p. 489-494		Abstract: Quantification of sediment reworking by Nereis diversicolor suggests that superficial material is transported to every level in the sedimentary column over the whole range of the burrows (20 cm).		
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Feeding type	Predator	3	Clare et al 2022				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Feeding type	Predator	3	Raymond et al 2021				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Mobility	slow movement through sediment	3	Raymond et al 2021				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Reworking	biodiffusors	3	Queiros AM et al 2013				
226700	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Chaetoparia nilssoni	Reworking	biodiffusors	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Feeding type	Predator	3	Clare et al 2022				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Feeding type	Predator	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Mobility	slow movement through sediment	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Reworking	biodiffusors	3	Queiros AM et al 2013				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Reworking	biodiffusors	3	Raymond et al 2021				
1007313	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone	Reworking	biodiffusors	3	NIVA traits database				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Feeding type	Predator	3	Raymond et al 2021				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Feeding type	Predator	3	Clare et al 2022				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Mobility	slow movement through sediment	3	Raymond et al 2021				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Reworking	biodiffusors	3	NIVA traits database				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Reworking	biodiffusors	3	Queiros AM et al 2013				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Reworking	biodiffusors	3	NIVA traits database				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Reworking	biodiffusors	3	Hartmann-Schröder 1996				
226716	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone flava	Reworking	biodiffusors	3	Raymond et al 2021				
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Burrow type	Blind ended irrigation	3	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Hypereotone is in famly Phyllodocidae: For Phyllodoce mucosa: Table 3: Burrow score for Phyllodoce mucosa points to "free living" (nu tube and no permanent burrow)		
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Feeding type	Predator	3	Clare et al 2022				
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Feeding type	Predator	3	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Hypereteone foliosa was Eteone foliosa before. Table 3: Eteone longa listed as predator and scavenger		
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: Eteone flava, Eteone foliosa and Eteone longa regarded predators (Hypereteone foliosa was Eteone foliosa before)		
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Eteone longa regarded predator (Hypereteone foliosa was Eteone foliosa before)		
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Eteone				
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
226717	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone foliosa	Reworking	biodiffusors	3	Queiros AM et al 2013				
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Burrow type	Blind ended irrigation	2	Raymond et al 2021				
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Burrow type	Epifauna, internal irrigation	1	Wrede A et al 2018				

226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	Raymond et al 2021			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	Michaelis & Vennemann 2005	https://doi.org/10.1007/s00227-005-1595-8	The population of the predatory species Eteone longa	
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: carnivorous, also E. flava and E. foliosa regarded carnivorous	
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	Wrede A et al 2018			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator Scavenger	
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Mobility	slow movement through sediment	3	Raymond et al 2021			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Mobility	slow movement through sediment	3	Mermillod-Blondin et al. (2003)			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Reworking	biodiffusors	2	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	biodiffuor	
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Reworking	biodiffusors	2	Queiros AM et al 2013			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Reworking	biodiffusors	2	Raymond et al 2021			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Reworking	biodiffusors	2	Mermillod-Blondin et al. (2003)			
226718	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eteone longa	Reworking	surficial modifiers	1	Michaelis & Vennemann 2005	https://doi.org/10.1007/s00227-005-1595-8	In Phase A searching for prey E. longa crawls beneath the sediment surface thereby producing a slightly vaulted tunnel in Phase B when E. longa is approaching a vertical hole occupied by S. squamata the latter animal rapidly leaves the hole and hurries aw	
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Feeding type	Predator	3	Clare et al 2022			
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Feeding type	Predator	3	Wrede A et al 2018			
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007315	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida	Reworking	biodiffusors	3	Queiros AM et al 2013			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Feeding type	Predator	3	Wrede A et al 2018			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Feeding type	Predator	3	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Eumida parva: carnivorous	
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	The phyllodocids are considered hunting carnivores, catching their prey with the muscular pharynx (Gravier, 1896; Michel, 1970b; Evans, 1971 ; Pearson, 1971; Rasmussen, 1973 ; Wollff, 1973). Evidence is accumulating however, that they may be scavengers rat	
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Feeding type	Predator	3	Clare et al 2022			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Feeding type	Predator	3	Raymond et al 2021			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Mobility	slow movement through sediment	3	Raymond et al 2021			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Reworking	biodiffusors	3	Queiros AM et al 2013			
226734	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida bahusiensis	Reworking	biodiffusors	3	Raymond et al 2021			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Feeding type	Predator	3	Wrede A et al 2018			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	ist ein Räuber	
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Feeding type	Predator	3	Haines and Maurer 1980 (Bsc Traits)	https://doi.org/10.1007/BF00390592	probably scavenge and deposit feed when prey is not available	
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Feeding type	Predator	3	Clare et al 2022			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226737	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Eumida sanguinea	Reworking	biodiffusors	3	Queiros AM et al 2013			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Feeding type	Predator	3	Clare et al 2022			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Feeding type	Predator	3	Raymond et al 2021			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Mobility	slow movement through sediment	3	Raymond et al 2021			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Mobility	slow movement through sediment	3	Gogina M ICES BEWG EngChan			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Reworking	biodiffusors	3	Gogina M ICES BEWG EngChan			
226695	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Nereiphylla lutea	Reworking	biodiffusors	3	Raymond et al 2021			
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Burrow type	Blind ended irrigation	2	Raymond et al 2021	10.1007/s11356-020-11607-0	P. groenlandica and P. rosea: BT3	
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Burrow type	Epifauna, internal irrigation	1	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	P. mucosa: Table 3: Burrow score for P. mucosa = BT1(2) "free living"	
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Feeding type	Predator	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	P. rosea and P. maculata: both FT2	Other sources (AWI db, Raymond et al 2021, Clare et al 2022) for Phyllodoce spp / Phyllodocidae also assign predator, though many say that Phyllodoce spp are also scavengers
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Injection pocket depth	0-2 cm	2	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	P. rosea and P. maculata: both ID1	Raymond et al 2021 also gives this code for Phyllodocidae family
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Injection pocket depth	2-5 cm	2	Raymond et al 2021	10.1007/s11356-020-11607-0	P. groenlandica and P. rosea: ID2	
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007312	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce	Reworking	biodiffusors	3	Queiros AM et al 2013			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Burrow type	Blind ended irrigation	2	Raymond et al 2021			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Burrow type	Epifauna, internal irrigation	1	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	For Phyllodoce mucosa: Table 3: Burrow score for Phyllodoce mucosa points to "free living" (nu tube and no permanent burrow)	
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Feeding type	Predator	3	Raymond et al 2021			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Phyllodoce was Anaitidies before. Several Anaitides species regarded predators	
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Feeding type	Predator	3	WORMS	http://www.marinespecies.org/index.php	predator	
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Several Phyllodoce species regarded carnivorous	
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Feeding type	Predator	3	Clare et al 2022			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Mobility	slow movement through sediment	3	Janson et al. (2012)			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Mobility	slow movement through sediment	3	Raymond et al 2021			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Reworking	biodiffusors	3	Janson et al. (2012)			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Reworking	biodiffusors	3	Janson A, Denis L, Rauch M, Desroy N (2012) Macrobenthic biodiversity and oxygen uptake in estuarine systems: the example of the Seine estuary. J Soils Sediments 12:1 568–1580	10.1007/s11368-012-0557-2		
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Reworking	biodiffusors	3	Queiros AM et al 2013			
226708	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce groenlandica	Reworking	biodiffusors	3	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Burrow type	Blind ended irrigation	2	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Burrow type	Epifauna, internal irrigation	1	Wrede A et al 2018			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Burrow type	Epifauna, internal irrigation	1	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	For Phyllodoce mucosa: Table 3: Burrow score for Phyllodoce mucosa points to "free living" (nu tube and no permanent burrow)	
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	Clare et al 2022			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Several Phyllodoce species regarded carnivorous	
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Phyllodoce was Anaitidies before. Several Anaitides species regarded predators	
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	Ball et al. 2000	https://doi.org/10.1006/jmsc.2000.0924	carnivore	
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Feeding type	Predator	3	Wrede A et al 2018			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Mobility	slow movement through sediment	3	Janson et al. (2012)			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Mobility	slow movement through sediment	3	Queiros AM et al 2013			

226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Mobility	slow movement through sediment	3	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Reworking	biodiffusors	3	Raymond et al 2021			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Reworking	biodiffusors	3	Janson A, Denis L, Rauch M, Desroy N (2012) Macrobenthic biodiversity and oxygen uptake in estuarine systems: the example of the Seine estuary. J Soils Sediments 12:1 568–1580	10.1007/s11368-012-0557-2		
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Reworking	biodiffusors	3	Janson et al. (2012)			
226713	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodoce rosea	Reworking	biodiffusors	3	Queiros AM et al 2013			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Burrow type	Blind ended irrigation	2	Raymond et al 2021			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Burrow type	Epifauna, internal irrigation	1	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	For Phyllodoce mucosa: Table 3: Burrow score for Phyllodoce mucosa points to "free living" (nu tube and no permanent burrow)	
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Feeding type	Predator	3	Raymond et al 2021			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Feeding type	Predator	3	Nasi et al 2020			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Feeding type	Predator	3	Clare et al 2022			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Mobility	slow movement through sediment	3	Nasi et al 2020			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Mobility	slow movement through sediment	3	Raymond et al 2021			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Reworking	biodiffusors	3	Raymond et al 2021			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Reworking	biodiffusors	3	Nasi et al 2020			
2000484	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Phyllodocidae	Reworking	biodiffusors	3	Queiros AM et al 2013			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Feeding type	Predator	3	Raymond et al 2021			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Mobility	slow movement through sediment	3	Raymond et al 2021			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Reworking	biodiffusors	3	Queiros AM et al 2013			
226753	Annelida	Polychaeta	Phyllodocida	Phyllodocidae	Sige fusigera	Reworking	biodiffusors	3	Raymond et al 2021			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Feeding type	Predator	3	Raymond et al 2021			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Mobility	slow movement through sediment	3	Raymond et al 2021			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Reworking	biodiffusors	3	Queiros AM et al 2013			
226877	Annelida	Polychaeta	Phyllodocida	Pilargidae	Glyphohesione klatti	Reworking	biodiffusors	3	Raymond et al 2021			
227066	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides groenlandicus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227066	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides groenlandicus	Feeding type	Predator	3	Clare et al 2022			
227066	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides groenlandicus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227066	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides groenlandicus	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227066	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides groenlandicus	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Burrow type	Blind ended irrigation	1	Virtasalo, J.J., Leipe, T., Moros, M., Kotilainen, A.T., 2011. Physicochemical and biological influences on sedimentary-fabric formation in a salinity and oxygen-restricted semi-enclosed sea: Gotland Deep, Baltic Sea: Baltic Sea brackish-water mud fabrics	https://doi.org/10.1111/j.1365-3091.2010.01166.x	Page 356: This predaceous species produces trails and digs shallow resting pits in the sediment surface. The polychaete is capable of circulating water in its resting pit.	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Burrow type	Epifauna, internal irrigation	2	Sarvala 1971	https://www.jstor.org/stable/23731622	(B. sarsi synonymised as Harmothoe sarsi) The species also occurs regularly, although not abundantly, among vegetation on rock bottoms. Page 249: From the present material it seems clear that in the study area H. sarsi is not dependent on any specific typ	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Feeding type	Deposit feeder	1	Hartmann-Schröder 1971 Die Tierwelt Deutschlands 58 Teil		Page 64: Sie ist ein Sediment und Detritusfresser	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Feeding type	Predator	2	Sarvala, J., 1971. Ecology of Harmothoe sarsi (Malmgren) (Polychaeta, Polynoidae) in the northern Baltic area. Annales Zoologici Fennici 8, 231–309.		Page 257: Smallest size group feed on harpacticoids, kinorhynchans, rotifers, cladocerans,calanoids. Medium size group feed on calanoids, cladocerans, Pontoporeia (mostly affinis - - new name Monoporeia affinis). Large size group feed on Potoporeia.; Page	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Injection pocket depth	0-2 cm	3	Linke, O. 1939: Die Biota des Jadebusenwattes. - Helgo länder Wiss. Meeresunters. 1: 201 -348.		Page 264: In Uebereinstimmung mit diesen Angaben aus dem tieferen Wasser wurden an mondlosen Nächten auf dem Heppenser Watt zahlreiche herumkriechende H. sarsi beobaehtet, während die Würmer am Tage nur sehr selten kriechend angetroffen wurden. Die Spure	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Injection pocket depth	0-2 cm	3	Virtasalo, J.J., Leipe, T., Moros, M., Kotilainen, A.T., 2011. Physicochemical and biological influences on sedimentary-fabric formation in a salinity and oxygen-restricted semi-enclosed sea: Gotland Deep, Baltic Sea: Baltic Sea brackish-water mud fabrics	https://doi.org/10.1111/j.1365-3091.2010.01166.x	Page 356: This predaceous species produces trails and digs shallow resting pits in the sediment surface. The polychaete is capable of circulating water in its resting pit.	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Mobility	slow movement through sediment	3	Linke, O. 1939: Die Biota des Jadebusenwattes. - Helgo länder Wiss. Meeresunters. 1: 201 -348.		(B. sarsi synonymised as Harmothoe sarsi) Page 264: In Uebereinstimmung mit diesen Angaben aus dem tieferen Wasser wurden an mondlosen Nächten auf dem Heppenser Watt zahlreiche herumkriechende H. sarsi beobaehtet, während die Würmer am Tage nur sehr selte	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Reworking	epifauna	2	Expert judgement Eivind Oug			
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Reworking	surficial modifiers	2	Linke, O. 1939: Die Biota des Jadebusenwattes. - Helgo länder Wiss. Meeresunters. 1: 201 -348.		(B. sarsi synonymised as Harmothoe sarsi); Page 264: In Uebereinstimmung mit diesen Angaben aus dem tieferen Wasser wurden an mondlosen Nächten auf dem Heppenser Watt zahlreiche herumkriechende H. sarsi beobaehtet, während die Würmer am Tage nur sehr sel	
227069	Annelida	Polychaeta	Phyllodocida	Polynoidae	Bylgides sarsi	Reworking	surficial modifiers	2	Virtasalo, J.J., Leipe, T., Moros, M., Kotilainen, A.T., 2011. Physicochemical and biological influences on sedimentary-fabric formation in a salinity and oxygen-restricted semi-enclosed sea: Gotland Deep, Baltic Sea: Baltic Sea brackish-water mud fabrics	https://doi.org/10.1111/j.1365-3091.2010.01166.x	Page 356: This predaceous species produces trails and digs shallow resting pits in the sediment surface. The polychaete is capable of circulating water in its resting pit.	
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Burrow type	Epifauna, internal irrigation	3	Expert judgment Mats Blomqvist based on epibenthic lifestyle			
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Feeding type	Predator	3	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Enipo sp belong to the Polynoidae. Other Polynoids: carnivorous	
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Feeding type	Predator	3	Levin et al. 2009	https://doi.org/10.1016/j.dsr2.2008.05.032	Enipo sp belong to the Polynoidae. Other Polynoids: carnivorous	
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Enipo sp belong to the Polynoidae. Other Polynoids: carnivorous	
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Enipo sp belong to the Polynoidae. The polynoids are considered carnivores, feeding on small crustaceans, echinoderms, polychaetes, gastropods, sponges, and hyroids	
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Injection pocket depth	0-2 cm	3	Expert judgment Mats Blomqvist based on epibenthic lifestyle			
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227070	Annelida	Polychaeta	Phyllodocida	Polynoidae	Enipo kinbergi	Reworking	biodiffusors	3	Queiros AM et al 2013			

227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Feeding type	Predator	3	Raymond et al 2021		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Mobility	slow movement through sediment	3	Raymond et al 2021		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Reworking	biodiffusors	1	Queiros AM et al 2013		
227078	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana amondseni	Reworking	surficial modifiers	2	Raymond et al 2021		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Burrow type	Blind ended irrigation	3	Wrede A et al 2018		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator; Scavenger
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Feeding type	Predator	3	Raymond et al 2021		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Feeding type	Predator	3	Wrede A et al 2018		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Injection pocket depth	2-5 cm	3	Wrede A et al 2018		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Injection pocket depth	2-5 cm	3	Raymond et al 2021		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Mobility	slow movement through sediment	3	Raymond et al 2021		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Reworking	biodiffusors	2	NIVA traits database		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Reworking	biodiffusors	2	Queiros AM et al 2013		
227079	Annelida	Polychaeta	Phyllodocida	Polynoidae	Gattyana cirrhosa	Reworking	surficial modifiers	2	Raymond et al 2021		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Feeding type	Predator	3	Raymond et al 2021		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Feeding type	Predator	3	Clare et al 2022		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Mobility	slow movement through sediment	3	Raymond et al 2021		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Reworking	biodiffusors	2	NIVA traits database		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Reworking	biodiffusors	2	Queiros AM et al 2013		
1007434	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe	Reworking	surficial modifiers	2	Raymond et al 2021		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Feeding type	Predator	3	Clare et al 2022		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Feeding type	Predator	3	Raymond et al 2021		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Mobility	slow movement through sediment	3	Raymond et al 2021		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Reworking	biodiffusors	2	NIVA traits database		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Reworking	biodiffusors	2	Queiros AM et al 2013		
227083	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe antilopes	Reworking	surficial modifiers	2	Raymond et al 2021		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Feeding type	Predator	3	Clare et al 2022		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Feeding type	Predator	3	Raymond et al 2021		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Mobility	slow movement through sediment	3	Raymond et al 2021		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Reworking	biodiffusors	2	Queiros AM et al 2013		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Reworking	biodiffusors	2	NIVA traits database		
227106	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe extenuata	Reworking	surficial modifiers	2	Raymond et al 2021		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Feeding type	Predator	3	Raymond et al 2021		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Feeding type	Predator	3	Clare et al 2022		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Harmothoe longisetis and Harmothoe lunulata regarded predators
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Harmothoe sp. Belong tothe polynoids: The polynoids are considered carnivores, feeding on small crustaceans, echinoderms, polychaetes, gastropods, sponges, and hyroids
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Harmothoe sp. Regarded carnivorous
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Mobility	slow movement through sediment	3	Raymond et al 2021		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Reworking	biodiffusors	2	NIVA traits database		
227095	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe imbricata	Reworking	surficial modifiers	2	Raymond et al 2021		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Burrow type	Blind ended irrigation	3	Raymond et al 2021		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Feeding type	Predator	3	Raymond et al 2021		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Feeding type	Predator	3	Clare et al 2022		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Injection pocket depth	0-2 cm	3	Raymond et al 2021		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Mobility	slow movement through sediment	3	Raymond et al 2021		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Reworking	biodiffusors	2	Queiros AM et al 2013		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Reworking	biodiffusors	2	NIVA traits database		
227096	Annelida	Polychaeta	Phyllodocida	Polynoidae	Harmothoe impar	Reworking	surficial modifiers	2	Raymond et al 2021		
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	All polynoids have a muscular eversible pharynx armed with jaws
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Feeding type	Predator	3	Clare et al 2022		
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227050	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia andreapolis	Reworking	biodiffusors	3	Queiros AM et al 2013		
227052	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia castanea	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227052	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia castanea	Feeding type	Predator	3	Clare et al 2022		
227052	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia castanea	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227052	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia castanea	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227052	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia castanea	Reworking	biodiffusors	3	Queiros AM et al 2013		
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	All polynoids have a muscular eversible pharynx armed with jaws
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Feeding type	Predator	3	Clare et al 2022		
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Mobility	slow movement through sediment	3	Queiros AM et al 2013		
227055	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia ljungmani	Reworking	biodiffusors	3	Queiros AM et al 2013		
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Feeding type	Predator	3	Clare et al 2022		
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Feeding type	Predator	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	All polynoids have a muscular eversible pharynx armed with jaws
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: regarded carnivorous
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on genus Malmgrenia		

227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227056	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgrenia lunulata	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Feeding type	Predator	3	Clare et al 2022			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Feeding type	Predator	3	Wrede A et al 2018			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1007424	Annelida	Polychaeta	Phyllodocida	Polynoidae	Malmgreniella s.lat	Reworking	biodiffusors	3	Queiros AM et al 2013			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Feeding type	Predator	3	Raymond et al 2021			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Mobility	slow movement through sediment	3	Raymond et al 2021			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Reworking	biodiffusors	1	Queiros AM et al 2013			
2000496	Annelida	Polychaeta	Phyllodocida	Polynoidae	Polynoidae	Reworking	surficial modifiers	2	Raymond et al 2021			
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on morphology and info from other taxa in the same family			
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Feeding type	Deposit feeder	1	Deng, L., Bölsterli, D., Kristensen, E., Meile, C., Su, C. C., Bernasconi, S. M., ... & Lever, M. A. (2020). Macrofaunal control of microbial community structure in continental margin sediments. Proceedings of the National Academy of Sciences, 117(27), 15	10.1073/pnas.1917494117	deposit-feeding worm	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Feeding type	Predator	2	Josefson, A.B., 1985. Distribution of diversity and functional groups of marine benthic infauna in the Skagerrak (eastern North Sea) - Can larval availability affect diversity? Sarsia 70, 229–249	https://doi.org/10.1080/00364827.1985.10419680	Infaunal predator	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Feeding type	Predator	2	Josefson, A.B., 1986. Temporal heterogeneity in deep-water soft-sediment benthos—an attempt to reveal temporal structure. Estuarine, Coastal and Shelf Science 23, 147–169	https://doi.org/10.1016/0272-7714(86)90051-X	Predatory or omnivorous species	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Injection pocket depth	0-2 cm	2	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Sediment dwelling depth 0-1 cm	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Injection pocket depth	2-5 cm	2	Deng, L., Bölsterli, D., Kristensen, E., Meile, C., Su, C. C., Bernasconi, S. M., ... & Lever, M. A. (2020). Macrofaunal control of microbial community structure in continental margin sediments. Proceedings of the National Academy of Sciences, 117(27), 15	10.1073/pnas.1917494117	deep dwelling worm	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Injection pocket depth	2-5 cm	2	Fleddum, A., 2010. Effects of Human Disturbance on Biological Traits and Structure of Macrobenthic Communities (doctoralThesis). City University of Hong Kong.		Sediment dwelling depth 1-5 cm	
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227144	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Neoleanira tetragona	Reworking	biodiffusors	3	Queiros AM et al 2013			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Burrow type	Blind ended irrigation	2	Expert judgement Mats Blomqvist based on taxa in this genus			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Burrow type	Epifauna, internal irrigation	2	Expert judgement Mats Blomqvist based on taxa in this genus			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Feeding type	Predator	3	Clare et al 2022			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Mobility	Limited movement	3	Queiros AM et al 2013			
1007452	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Burrow type	Blind ended irrigation	2	Raymond et al 2021			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Burrow type	Blind ended irrigation	2	Pleijel 1983	https://doi.org/10.1080/00364827.1983.10420552	For Pholoe minuta: On all three occasions both predator and prey were buried in the artificial sediment. The specimens of P. malmgreni were without tubes since they leave them when disturbed, and the artificial sediment provided no material suitable for r	
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Burrow type	Epifauna, internal irrigation	1	Wrede A et al 2018			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Feeding type	Predator	3	Wrede A et al 2018			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Feeding type	Predator	3	Raymond et al 2021			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Pholoe minute regarded pretatory	
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Feeding type	Predator	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	Pholoe baltica regarded predatory	
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Feeding type	Predator	3	WORMS	http://www.marinespecies.org/index.php	omnivore, predator, scavenger	
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Mobility	Limited movement	1	Queiros AM et al 2013			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Mobility	slow movement through sediment	2	Raymond et al 2021			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Reworking	surficial modifiers	3	NIVA traits database			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227130	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe baltica	Reworking	surficial modifiers	3	Raymond et al 2021			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Feeding type	Predator	3	Raymond et al 2021			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Mobility	Limited movement	1	Queiros AM et al 2013			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Mobility	slow movement through sediment	2	Raymond et al 2021			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227135	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pholoe pallida	Reworking	surficial modifiers	3	Raymond et al 2021			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Feeding type	Predator	3	Clare et al 2022			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: omnivore	
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Feeding type	Predator	3	Wrede A et al 2018			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator Scavenger	
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Feeding type	Predator	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	ernärt sich räuberisch	
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227160	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Pisione remota	Reworking	biodiffusors	3	Queiros AM et al 2013			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Feeding type	Predator	3	Wrede A et al 2018			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Feeding type	Predator	3	Clare et al 2022			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Feeding type	Predator	3	Solis-Weiss et al. 2004	https://doi.org/10.1016/j.scitotenv.2004.01.027	Appendix A: S. boa listed as carnivorous	

227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Feeding type	Predator	3	WORMS	http://www.marinespecies.org/index.php	carnivore	
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: S. boa listed as carnivorous	
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
227152	Annelida	Polychaeta	Phyllodocida	Sigalionidae	Sthenelais limicola	Reworking	biodiffusors	3	Queiros AM et al 2013			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist, surface crawler			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Feeding type	Deposit feeder	2	Expert judgement Mats Blomqvist, listed as predator or deposit feeder in many lists			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Feeding type	Predator	2	Expert judgement Mats Blomqvist, listed as predator or deposit feeder in many lists			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist, surface crawler			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Reworking	biodiffusors	3	Queiros AM et al 2013			
263377	Annelida	Polychaeta	Phyllodocida	Sphaerodoridae	Sphaerodorum flavum	Reworking	biodiffusors	3	NIVA traits database			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Burrow type	Epifauna, internal irrigation	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	creeps on the substrate surface and, according to Thorson, seems to inhabit a small tube of fine substrate ... populates the phytal [original: kriecht auf der Substrat oberfläche und scheint dort nach Thorson auch eine klein Röhre aus feinem Substrat zu b	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Burrow type	Epifauna, internal irrigation	3	Giangrande et al. 2000	ISSN 0007-9723; e-ISSN 2262-3094; http://www.vliz.be/imisdocs/publications/289130.pdf	For Syllidae: Since syllids live in dense assemblages on colonial organisms such as hydroids or bryozoans, it was supposed that most of the syllid species could feed on them	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Feeding type	Deposit feeder	2	Wrede A et al 2018			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Feeding type	Predator	2	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Table 1: carnivorous	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996; Tax closest species			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	creeps on the substrate surface and, according to Thorson, seems to inhabit a small tube of fine substrate ... populates the phytal [original: kriecht auf der Substrat oberfläche und scheint dort nach Thorson auch eine klein Röhre aus feinem Substrat zu b	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Mobility	slow movement through sediment	3	Cinar 2003	https://doi.org/10.1017/S0025315403007732h	For Syllidae:The majority of Syllidae are free-living, mainly epifaunal in association with rocks, algae, phanerogams, sponges, hydroids, corals and tunicates, or infaunal (particularly the subfamily Exogoninae) on soft bottoms.	
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Reworking	biodiffusors	3	Queiros AM et al 2013			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Reworking	biodiffusors	3	NIVA traits database			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Reworking	biodiffusors	3	Hartmann-Schröder 1996; Tax closest species			
226952	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone naidina	Reworking	biodiffusors	3	NIVA traits database			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Feeding type	Predator	3	Raymond et al 2021			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Mobility	slow movement through sediment	3	Hartmann-Schröder 1996; Tax closest species			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Mobility	slow movement through sediment	3	Raymond et al 2021			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Reworking	biodiffusors	3	Raymond et al 2021			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Reworking	biodiffusors	3	Queiros AM et al 2013			
226953	Annelida	Polychaeta	Phyllodocida	Syllidae	Exogone verugera	Reworking	biodiffusors	3	NIVA traits database			
226967	Annelida	Polychaeta	Phyllodocida	Syllidae	Sphaerosyllis hystrix	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on morphology of species			
226967	Annelida	Polychaeta	Phyllodocida	Syllidae	Sphaerosyllis hystrix	Feeding type	Deposit feeder	3	Clare et al 2022			
226967	Annelida	Polychaeta	Phyllodocida	Syllidae	Sphaerosyllis hystrix	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on NIVA sediment dwelling depth 0-1 cm			
226967	Annelida	Polychaeta	Phyllodocida	Syllidae	Sphaerosyllis hystrix	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
226967	Annelida	Polychaeta	Phyllodocida	Syllidae	Sphaerosyllis hystrix	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Mobility	Fixed tubes	3	Raymond et al 2021			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Reworking	surficial modifiers	3	Raymond et al 2021			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227556	Annelida	Polychaeta	Sabellida	Oweniidae	Galathowenia oculata	Reworking	surficial modifiers	3	NIVA traits database			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Burrow type	Blind ended irrigation	3	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Feeding type	Deposit feeder	2	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Feeding type	Surface filter feeder	2	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Injection pocket depth	0-2 cm	3	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Mobility	Fixed tubes	3	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
1007623	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia	Reworking	surficial modifiers	3	Expert judgment based on Oweina fusiformis, Mats Blomqvist			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Rouse & Pleijel, 2001	ISBN: 9780198506089	Owenia fusiformis can suspension feed by ciliary filter feeding or in low water flow can deposit feed by bending their flexible tube over so that the feeding crown touches the sediment surface (Rouse & Pleijel, 2001) (Copyed from BIOTIC)	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Fish & Fish 1996	ISBN 0-521-16819-1	Owenia feeds on suspended matter using the cilia on the frilled membrane, but is also able to bend over until the membrane touches the surface of the sediment and pick up sand grains and detritus	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	selective deposit feeder (Table 2)	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Sie ernährt sich von Detritus aus dem Sediment und von suspendierten Mikroorganismen, die wahrscheinlich mithilfe der Kiemenlappen herreingestrudelt werden	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Owenia fusiformis regarded as selective deposit feeder	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Dales, R. P. (1957). The feeding mechanism and structure of the gut of Owenia fusiformis Delle Chiaje. Journal of the Marine Biological Association of the United Kingdom, 36(1), 81-89.	10.1017/S0025315400017082	Owenia may feed either by ciliary means or by swallowing sand and detritus.	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Raymond et al 2021			

227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Deposit feeder	2	Wrede A et al 2018			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Surface filter feeder	2	Fish & Fish 1996	ISBN 0-521-16819-1	Owenia feeds on suspended matter using the cilia on the frilled membrane, but is also able to bend over until the membrane touches the surface of the sediment and pick up sand grains and detritus	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Surface filter feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Sie ernährt sich von Detritus aus dem Sediment und von suspendierten Mikroorganismen, die wahrscheinlich mithilfe der Kiemenlappen herreingestrudelt werden	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Feeding type	Surface filter feeder	2	Rouse & Pleijel, 2001	ISBN: 9780198506089	Owenia fusiformis can suspension feed by ciliary filter feeding or in low water flow can deposit feed by bending their flexible tube over so that the feeding crown touches the sediment surface (Rouse & Pleijel, 2001) (Copyed from BIOTIC)	
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Mobility	Fixed tubes	3	Raymond et al 2021			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Reworking	surficial modifiers	3	NIVA traits database			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227557	Annelida	Polychaeta	Sabellida	Oweniidae	Owenia fusiformis	Reworking	surficial modifiers	3	Raymond et al 2021			
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Feeding type	Surface filter feeder	3	Clare et al 2022			
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Feeding type	Surface filter feeder	3	Domínguez Castanedo, N., Hernández Alcántara, P., Solís-Weiss, V., & Granados Barba, A. (2012). Distribution of polychaete feeding guilds in sedimentary environments of the Campeche Bank, Southern Gulf of Mexico. Helgoland Marine Research, 66, 469-478.	10.1007/s10152-011-0283-y	Sessile filter feeder, discretely motile	
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Mobility	Fixed tubes	3	Queiros AM et al 2013			
1007630	Annelida	Polychaeta	Sabellida	Sabellidae	Chone	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Feeding type	Surface filter feeder	3	Clare et al 2022			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Feeding type	Surface filter feeder	3	Domínguez Castanedo, N., Hernández Alcántara, P., Solís-Weiss, V., & Granados Barba, A. (2012). Distribution of polychaete feeding guilds in sedimentary environments of the Campeche Bank, Southern Gulf of Mexico. Helgoland Marine Research, 66, 469-478.	10.1007/s10152-011-0283-y	Sessile filter feeder, discretely motile	
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Reworking	surficial modifiers	3	NIVA traits database			
227576	Annelida	Polychaeta	Sabellida	Sabellidae	Chone duneri	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227577	Annelida	Polychaeta	Sabellida	Sabellidae	Chone fauveli	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227577	Annelida	Polychaeta	Sabellida	Sabellidae	Chone fauveli	Feeding type	Surface filter feeder	3	Clare et al 2022			
227577	Annelida	Polychaeta	Sabellida	Sabellidae	Chone fauveli	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227577	Annelida	Polychaeta	Sabellida	Sabellidae	Chone fauveli	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227577	Annelida	Polychaeta	Sabellida	Sabellidae	Chone fauveli	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Feeding type	Surface filter feeder	3	Clare et al 2022			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on tube living and surface filter feeding			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Reworking	surficial modifiers	3	NIVA traits database			
227578	Annelida	Polychaeta	Sabellida	Sabellidae	Chone longocirrata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1007632	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Sabellidae			
1007632	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone	Feeding type	Surface filter feeder	3	Clare et al 2022			
1007632	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Sabellidae			
1007632	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone	Mobility	Fixed tubes	3	Queiros AM et al 2013			
1007632	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Feeding type	Surface filter feeder	3	Raymond et al 2021			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Mobility	Fixed tubes	3	Raymond et al 2021			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Mobility	Fixed tubes	3	Gogina et al. 2017			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Reworking	surficial modifiers	2	Raymond et al 2021			
227587	Annelida	Polychaeta	Sabellida	Sabellidae	Euchone papillosa	Reworking	upward and downward conveyors	2	Gogina et al. 2017			
1007634	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Sabellidae			
1007634	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira	Feeding type	Surface filter feeder	3	Clare et al 2022			
1007634	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Sabellidae			
1007634	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on Sabellidae			
1007634	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on Sabellidae			
227591	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira candela	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Sabellidae			
227591	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira candela	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on Sabellidae			
227591	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira candela	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Sabellidae			
227591	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira candela	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227591	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira candela	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Feeding type	Surface filter feeder	3	Raymond et al 2021			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Mobility	Fixed tubes	3	Raymond et al 2021			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Reworking	surficial modifiers	3	Raymond et al 2021			
227592	Annelida	Polychaeta	Sabellida	Sabellidae	Jasmineira caudata	Reworking	surficial modifiers	3	NIVA traits database			

2000538	Annelida	Polychaeta	Sabellida	Sabellidae	Sabellidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Euchone och Jamineira			
2000538	Annelida	Polychaeta	Sabellida	Sabellidae	Sabellidae	Feeding type	Surface filter feeder	3	Clare et al 2022			
2000538	Annelida	Polychaeta	Sabellida	Sabellidae	Sabellidae	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Euchone och Jamineira			
2000538	Annelida	Polychaeta	Sabellida	Sabellidae	Sabellidae	Mobility	Fixed tubes	3	Queiros AM et al 2013			
2000538	Annelida	Polychaeta	Sabellida	Sabellidae	Sabellidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Burrow type	Open irrigation	3	Wrede A et al 2018			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder (surface); interface feeder; suspenisonfeder (facultative)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Wrede A et al 2018			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Clare et al 2022			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Clare et al 2022			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	suspension feeder and selective deposit feeder (Table 12)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Poecilochaetids are spioniform polychaetes that always live in long, branching tubes in sand and mud (Allen, 1904; Fauchald, pers. obs.). They have paired palps and may use these for suspension-feeding on small algae and diatoms (Allen, 1904; Wolff, 1973)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive suspension feeder; Active suspension feeder; Surface deposit feeder; Sub-Surface deposit feeder	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Er ernährt isch als Taster mit Hilfe der Tentakeln von absterbenden oder toten Organismen; die Herabsinken und vom detritus der substrat oberfläche	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Surface filter feeder	1	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Poecilochaetids are spioniform polychaetes that always live in long, branching tubes in sand and mud (Allen, 1904; Fauchald, pers. obs.). They have paired palps and may use these for suspension-feeding on small algae and diatoms (Allen, 1904; Wolff, 1973)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Surface filter feeder	1	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive suspension feeder; Active suspension feeder; Surface deposit feeder; Sub-Surface deposit feeder	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Surface filter feeder	1	WORMS	http://www.marinespecies.org/index.php	deposit feeder (surface); interface feeder; suspenisonfeder (facultative)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Feeding type	Surface filter feeder	1	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	suspension feeder and selective deposit feeder (Table 12)	
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Mobility	Limited movement	3	Queiros AM et al 2013			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227371	Annelida	Polychaeta	Spionida	Poecilochaetidae	Poecilochaetus serpens	Reworking	surficial modifiers	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	P. serpens lebt im Endopsammal, wo er U förmige Gänge baut	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	deposit feeder surface, deposit feeder	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Barry 1999	OCS Study MMS 2000-074 https://cybercemetery.unt.edu/archive/mms/20100628195836/http://www.gomr.mms.gov/PI/PDFImages/ESPIS/3/3180.pdf#page=81	epibenthic surface or deposit feeder	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Clare et al 2022			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Clare et al 2022			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder; Sub-surface deposit feeder	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Aonides oxycephala: surface deposit feeder	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Feeding type	Deposit feeder	3	Southward 1957	https://doi.org/10.1017/S0025315400017069	Selective deposit feeders, such as the spionids, were few (...) (page 54) (Aonides is a spionid)	
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Mobility	Limited movement	3	Queiros AM et al 2013			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Reworking	upward and downward conveyors	3	NIVA traits database			
227297	Annelida	Polychaeta	Spionida	Spionidae	Aonides paucibranchiata	Reworking	upward and downward conveyors	3	NIVA traits database			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Feeding type	Deposit feeder	2	Clare et al 2022			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Feeding type	Surface filter feeder	1	Clare et al 2022			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Reworking	biodiffusors	2	Expert judgement Mats Blomqvist based on taxa in this genus			
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Reworking	upward and downward conveyors	2	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	Two Polydora species are biodiffusors, one is an upward-downward conveyor.	
1007531	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora	Reworking	upward and downward conveyors	2	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	Two Polydora species are biodiffusors, one is an upward-downward conveyor.	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Burrow type	Open irrigation	3	Carambha			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Feeding type	Deposit feeder	2	Clare et al 2022			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Dipolydora caeca regarded as selective deposit feeder	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Feeding type	Deposit feeder	2	Flint & Kalke 1986	https://doi.org/10.1016/0272-7714(86)90091-0	Polydora caulleryi was a spionid, tube builder that suspension-fed in the water column or on the surface sediments.	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Feeding type	Surface filter feeder	1	Flint & Kalke 1986	https://doi.org/10.1016/0272-7714(86)90091-0	Polydora caulleryi was a spionid, tube builder that suspension-fed in the water column or on the surface sediments.	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Feeding type	Surface filter feeder	1	Clare et al 2022			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Injection pocket depth	> 10 cm	2	Flint, R. W., & Kalke, R. D. (1986). Biological enhancement of estuarine benthic community structure. Marine Ecology Progress Series, 23-33.	https://www.jstor.org/stable/24817262	Polydora caulleryi colonized the study site sediments and distributed themselves throughout the first 20 cm. P. caulleryi was not observed until 1983 and when peak densities for this population occurred, they were always observed in the deeper sediment st	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Injection pocket depth	5-10 cm	2	Flint, R. W., & Kalke, R. D. (1986). Niche characterization of dominant estuarine benthic species. Estuarine, Coastal and Shelf Science, 22(6), 657-674.	10.1016/0272-7714(86)90091-0	Fig 4 ca 6-9 cm	
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Mobility	Fixed tubes	2	Querios et al. 2013			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Mobility	slow movement through sediment	2	Queiros AM et al 2013			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Reworking	biodiffusors	2	Queiros AM et al 2013			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Reworking	upward and downward conveyors	2	NIVA traits database			
227316	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora caulleryi	Reworking	upward and downward conveyors	2	NIVA traits database			

227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Burrow type	Open irrigation	3	Çinar, M. E., & Dagli, E. (2021). Bioeroding (boring) polychaete species (Annelida: Polychaeta) from the Aegean Sea (eastern Mediterranean). Journal of the Marine Biological Association of the United Kingdom, 101(2), 309-318.		D. coeca formed a characteristic L-shaped burrow within rocks (Figure 4B)	
227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Feeding type	Deposit feeder	2	Clare et al 2022			
227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Feeding type	Surface filter feeder	1	Clare et al 2022			
227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227317	Annelida	Polychaeta	Spionida	Spionidae	Dipolydora coeca	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Mobility	Fixed tubes	1	Queiros AM et al 2013			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Mobility	Limited movement	2	Raymond et al 2021			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Reworking	surficial modifiers	1	Raymond et al 2021			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Reworking	upward and downward conveyors	2	NIVA traits database			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Reworking	upward and downward conveyors	2	NIVA traits database			
227304	Annelida	Polychaeta	Spionida	Spionidae	Laonice bahusiensis	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Burrow type	Blind ended irrigation	3	Nasi et al 2020			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Feeding type	Deposit feeder	3	Nasi et al 2020			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Injection pocket depth	2-5 cm	3	Nasi et al 2020			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Reworking	upward and downward conveyors	3	NIVA traits database			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward downward conveyors	
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Reworking	upward and downward conveyors	3	NIVA traits database			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227305	Annelida	Polychaeta	Spionida	Spionidae	Laonice cirrata	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward downward conveyors	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Burrow type	Blind ended irrigation	3	Vasquez-Cardenas et al 2016	10.3354/meps11679	M. viridis creates deep burrows (up to 30 cm deep) that are typically straight down and blind-ended.	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Feeding type	Deposit feeder	2	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	M. neglecta DF (deposit feeder), SF(II) (suspension feeder), FT2(4) (=facultative deposit/suspension feeder),	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Feeding type	Sub surface filter feeder	2	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	M. neglecta DF (deposit feeder), SF(II) (suspension feeder), FT2(4) (=facultative deposit/suspension feeder),	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Injection pocket depth	> 10 cm	3	Renz et al. 2018	10.1016/j.marenvres.2018.09.013	Lmax = 35 (M. neglecta)	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Injection pocket depth	> 10 cm	3	Vasquez-Cardenas et al 2016	10.3354/meps11679	M. viridis creates deep burrows (up to 30 cm deep)	
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Mobility	free movement via burrow system	3	Hartmann-Schröder 1996			
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Reworking	biodiffusors	2	Hartmann-Schröder 1996			
1007529	Annelida	Polychaeta	Spionida	Spionidae	Marenzelleria	Reworking	upward and downward conveyors	2	Hartmann-Schröder 1996			
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Burrow type	Blind ended irrigation	2	Raymond et al 2021	10.1007/s11356-020-11607-0	Polydora sp. - BT3	
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Burrow type	Epifauna, internal irrigation	2	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	Polydora ciliata: BT1	
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Feeding type	Deposit feeder	2	Raymond et al 2021			
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Feeding type	Surface filter feeder	2	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	Polydora ciliata: FT1	
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Injection pocket depth	2-5 cm	2	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	Polydora ciliata: ID2	
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Mobility	Fixed tubes	3	Queiros AM et al 2013			
1007532	Annelida	Polychaeta	Spionida	Spionidae	Polydora	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: Polydora sp listed as scavenger, deposit feeding and filter feeding	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Solis-Weiss et al. 2004	https://doi.org/10.1016/j.scitotenv.2004.01.027	P. ciliata, P. flava, P. hoplura listed as surface deposit feeding	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Table 1: Polydore caeca listed with mixed (suspension and deposit) feeding	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Raymond et al 2021			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Clare et al 2022			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Polydora sp. regarded to be selective deposit feeders (Atherospio was Polydora genus before)	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Deposit feeder	2	Riordan & Lindsay 2002	https://doi.org/10.1016/S0022-0981(02)00292-7	Spionid polychaetes burrow or build tubeswithin the sediments and feed by extending two anterior appendages (i.e., palps) to probethe surface of the sediment or the water column in search of food particles. Polychaetefeeding strategies are varied, but man	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Predator	1	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: Polydora sp listed as scavenger, deposit feeding and filter feeding	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Feeding type	Surface filter feeder	1	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: Polydora sp listed as scavenger, deposit feeding and filter feeding	
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Mobility	Fixed tubes	3	Raymond et al 2021			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Reworking	surficial modifiers	2	Raymond et al 2021			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Reworking	upward and downward conveyors	2	NIVA traits database			
227326	Annelida	Polychaeta	Spionida	Spionidae	Polydora cornuta	Reworking	upward and downward conveyors	2	NIVA traits database			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Burrow type	Blind ended irrigation	3	Expert judgment Mats Blomqvist based on other taxa in same genus			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Feeding type	Deposit feeder	3	Expert judgment Mats Blomqvist based on other taxa in same genus			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Feeding type	Deposit feeder	3	Clare et al 2022			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Injection pocket depth	0-2 cm	3	Expert judgment Mats Blomqvist based on other taxa in same genus			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Mobility	Limited movement	3	Queiros AM et al 2013			
1007533	Annelida	Polychaeta	Spionida	Spionidae	Prionospio	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Burrow type	Blind ended irrigation	3	Nasi et al 2020			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Feeding type	Deposit feeder	3	Levin et al. 2009	https://doi.org/10.1016/j.dsr2.2008.05.032	Table B1: Prionospio steenstrupi regarded as selective deposit feeder	
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Feeding type	Deposit feeder	3	Raymond et al 2021			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	Table 12: P. dubia and P. fallax are tube-building surface deposit feeders	
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Prionospio steenstrupi regarded as selective deposit feeder	
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Injection pocket depth	> 10 cm	2	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	10.1016/0022-0981(81)90063-0	the spionid polychaete, Prionospio cirrifera, which has > 80% of its population below 10 cm.	
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Injection pocket depth	0-2 cm	1	Raymond et al 2021			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Mobility	Fixed tubes	2	Raymond et al 2021			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Mobility	Limited movement	1	Queiros AM et al 2013			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Mobility	Limited movement	1	Nasi et al 2020			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Reworking	surficial modifiers	2	Raymond et al 2021			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Reworking	upward and downward conveyors	2	NIVA traits database			
227333	Annelida	Polychaeta	Spionida	Spionidae	Prionospio cirrifera	Reworking	upward and downward conveyors	2	NIVA traits database			

227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Feeding type	Deposit feeder	3	Raymond et al 2021				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Mobility	Fixed tubes	2	Raymond et al 2021				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Mobility	Limited movement	1	Queiros AM et al 2013				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Reworking	surficial modifiers	2	Raymond et al 2021				
227336	Annelida	Polychaeta	Spionida	Spionidae	Prionospio dubia	Reworking	upward and downward conveyors	1	Queiros AM et al 2013				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Feeding type	Deposit feeder	3	Raymond et al 2021				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Mobility	Fixed tubes	1	Raymond et al 2021				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Mobility	Fixed tubes	1	Posey, M., Lindberg, W., Alphin, T., & Vose, F. (1996). Influence of storm disturbance on an offshore benthic community. Bulletin of marine Science, 59(3), 523-529.		Page 526: These included the tube-dwelling spionid polychaetes, Prionospio cristata and P. fallax		
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Mobility	Limited movement	2	Queiros AM et al 2013				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Reworking	surficial modifiers	1	Raymond et al 2021				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Reworking	upward and downward conveyors	2	Queiros AM et al 2013				
227337	Annelida	Polychaeta	Spionida	Spionidae	Prionospio fallax	Reworking	upward and downward conveyors	2	NIVA traits database				
227334	Annelida	Polychaeta	Spionida	Spionidae	Prionospio multibranchiata	Burrow type	Blind ended irrigation	3	Expert judgment Mats Blomqvist based on other taxa in same genus				
227334	Annelida	Polychaeta	Spionida	Spionidae	Prionospio multibranchiata	Feeding type	Deposit feeder	3	Clare et al 2022				
227334	Annelida	Polychaeta	Spionida	Spionidae	Prionospio multibranchiata	Injection pocket depth	0-2 cm	3	Expert judgment Mats Blomqvist based on other taxa in same genus				
227334	Annelida	Polychaeta	Spionida	Spionidae	Prionospio multibranchiata	Mobility	Limited movement	3	Queiros AM et al 2013				
227334	Annelida	Polychaeta	Spionida	Spionidae	Prionospio multibranchiata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Burrow type	Blind ended irrigation	3	Brey 1991b	https://doi.org/10.1007/BF02365522	The amount of tubes of P. elegans was investigated at severa] dates at both stations. The tubes were collected from core samples, dried at 80 C and weighed. In the laboratory, specimens of P. elegans were allowed to build tubes in 15-ml glass tubes filled		
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Feeding type	Deposit feeder	2	Bolam & Fernandes 2003	https://doi.org/10.1016/S1385-1101(03)00007-8	The species can filter-feed by building a mucus net within its tube, suspension-feed by trapping plankton with its palps or it can feed as a selective deposit-feeder (Hannerz, 1956; Hempel, 1957; Sanders et al., 1962; Fauchald and Jumars, 1979). P		
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Feeding type	Surface filter feeder	2	Bolam & Fernandes 2003	https://doi.org/10.1016/S1385-1101(03)00007-8	The species can filter-feed by building a mucus net within its tube, suspension-feed by trapping plankton with its palps or it can feed as a selective deposit-feeder (Hannerz, 1956; Hempel, 1957; Sanders et al., 1962; Fauchald and Jumars, 1979). P		
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Injection pocket depth	0-2 cm	3	Bolam & Fernandes 2003	10.1016/S1385-1101(03)00007-8	tube-building worm, max 15mm long	Agrees with own data (Caramba), S. Baltic 2019-2020: Depth distributions in sliced sediment cores - found mostly 0-2cm	
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Mobility	Fixed tubes	3	Queiros AM et al 2013				
227345	Annelida	Polychaeta	Spionida	Spionidae	Pygospio elegans	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
1007536	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on S. tridentata				
1007536	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis	Feeding type	Deposit feeder	3	Clare et al 2022				
1007536	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on S. tridentata				
1007536	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis	Mobility	Limited movement	3	Queiros AM et al 2013				
1007536	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227347	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis foliosa	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on S. tridentata				
227347	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis foliosa	Feeding type	Deposit feeder	3	Clare et al 2022				
227347	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis foliosa	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on S. tridentata				
227347	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis foliosa	Mobility	Limited movement	3	Queiros AM et al 2013				
227347	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis foliosa	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227352	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis korsuni	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on S. tridentata				
227352	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis korsuni	Feeding type	Deposit feeder	3	Clare et al 2022				
227352	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis korsuni	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on S. tridentata				
227352	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis korsuni	Mobility	Limited movement	3	Queiros AM et al 2013				
227352	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis korsuni	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Deposit feeder	2	Clare et al 2022				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Deposit feeder	2	Raymond et al 2021				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Deposit feeder	2	Sciberras et al. 2017	https://doi.org/10.1007/s10533-017-0370-5	Scolelepis squamata regarded surface deposit feeder		
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	S. squamata: Sie ernährt sich als Taster oder Angler von lebenden oder abgestorbenen Planktonten sowie junge Litorinen		
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Deposit feeder	2	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Members of the family Spionidae are generally considered surface deposit feeders, using their ciliated palps to select food particles (Fauchald & Jumars, 1979).		
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Feeding type	Predator	1	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	S. bonnieri, S. foliosa, and S. squamata regarded predators		
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Mobility	Limited movement	3	Raymond et al 2021				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Mobility	Limited movement	3	Queiros AM et al 2013				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Reworking	surficial modifiers	2	Raymond et al 2021				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Reworking	upward and downward conveyors	2	NIVA traits database				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Reworking	upward and downward conveyors	2	NIVA traits database				
227351	Annelida	Polychaeta	Spionida	Spionidae	Scolelepis tridentata	Reworking	upward and downward conveyors	2	Queiros AM et al 2013				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Burrow type	Blind ended irrigation	3	Wrede A et al 2018				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Spio sp belong to the Spionidae. Five Spionidae species here listed as selective deposit feeding		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Spio filicornis regarded selective deposit feeding		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Pofychaetous annelids of the family Spionidae feed at the sediment-water interface with a single pair of tentaculate palps. They have been classified as selective surface deposit-feeders (Sanders et al., 1962; Santos & Simon, 1974; Watling, 1975; Maurer		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	D'Andrea & Lopez 1997	https://doi.org/10.1007/s003670050038	Table 1: Prionospio sp and Spiophanes sp, both Spionidae, regarded selective deposit feeding		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Wrede A et al 2018				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Srikrishnadhas and Ramamoorthi 1981 (see Bsc.)	ISSN 0542-0938 http://www.ijs.nio.org/index.php/msagar/article/view/2382	Suspension feeder, Deposit feeder surface		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Clare et al 2022				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Deposit feeder	2	Nasi et al 2020				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Surface filter feeder	2	Hily 1991	https://doi.org/10.3354/meps069179	and Spio filicornis Miiller which act as suspension feeders instead of deposit feeders, feeding on water-borne particles, and actively enhance particle removal from the water column (Frithsen & Doering 1986).		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Surface filter feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Pofychaetous annelids of the family Spionidae feed at the sediment-water interface with a single pair of tentaculate palps. They have been classified as selective surface deposit-feeders (Sanders et al., 1962; Santos & Simon, 1974; Watling, 1975; Maurer		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Surface filter feeder	2	Hansen 1999 (see Bsc.)	https://doi.org/10.3354/meps178109	Suspension feeder		

227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Feeding type	Surface filter feeder	2	Srikrishnadhas and Ramamoorthi 1981 (see Bsc.)	ISSN 0542-0938 http://www.ijs.nio.org/index.php/msagar/article/view/2382	Suspension feeder, Deposit feeder surface		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Injection pocket depth	0-2 cm	2	Wrede A et al 2018				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Injection pocket depth	2-5 cm	1	Nasi et al 2020				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Mobility	Limited movement	3	Queiros AM et al 2013				
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward and downward conveyor		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Reworking	upward and downward conveyors	3	Polytraits: A database on biological traits of marine polychaetes. http://polytraits.lifewatchgreece.eu		upward and downward conveyor		
227358	Annelida	Polychaeta	Spionida	Spionidae	Spio filicornis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Burrow type	Blind ended irrigation	3	Tamaki 1987	https://doi.org/10.3354/meps037181	For Spio filicornis; Table 1: Spio filicornis: inhabitant of simple burrow		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Burrow type	Blind ended irrigation	3	Wrede A et al 2018				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Spio sp belong to the Spionidae. Five Spionidae species here listed as selective deposit feeding		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	Wrede A et al 2018				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	Clare et al 2022				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	D´Andrea & Lopez 1997	https://doi.org/10.1007/s003670050038	Table 1: Prionospio sp and Spiophanes sp, both Spionidae, regarded selective deposit feeding		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Polychaetous annelids of the family Spionidae feed at the sediment-water interface with a single pair of tentaculate palps. They have been classified as selective surface deposit-feeders (Sanders et al., 1962; Santos & Simon, 1974; Watling, 1975; Maurer		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Deposit feeder	2	Boudaya et al. 2019	https://doi.org/10.1007/s11356-019-04809-8	Table 6: Spio decorata regarded selective deposit feeding		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Feeding type	Surface filter feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Polychaetous annelids of the family Spionidae feed at the sediment-water interface with a single pair of tentaculate palps. They have been classified as selective surface deposit-feeders (Sanders et al., 1962; Santos & Simon, 1974; Watling, 1975; Maurer		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Injection pocket depth	0-2 cm	3	Wrede A et al 2018				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Mobility	Limited movement	3	Queiros AM et al 2013				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Reworking	upward and downward conveyors	3	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	upward or/and downward conveyor		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	upward downward conveyer (genus Spio)		
227359	Annelida	Polychaeta	Spionida	Spionidae	Spio goniocephala	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	upward downward conveyer (genus Spio)		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Burrow type	Blind ended irrigation	3	Wrede A et al 2018				
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Wrede A et al 2018				
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Art ernährt sich wie viele Spioniden als Taster (Tasten wird wohl automatisch selective sein)		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	fed on both suspended (including resuspended) and deposited particles and increased their feeding rate, as indicated by fecai production, in the presence of a current ~ans~rtjng suspended particles.		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive suspension feeder, Active suspension feeder, Surface deposit feeder, Sub-surface deposit feeder		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	selective surface deposit feeder (Table 12)		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Spiophanes bombyx regarded as selective deposit feeder		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: selective deposit feeding		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Art ernährt sich wie viele Spioniden als Taster		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Surface filter feeder	1	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	fed on both suspended (including resuspended) and deposited particles and increased their feeding rate, as indicated by fecai production, in the presence of a current ~ans~rtjng suspended particles.		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Feeding type	Surface filter feeder	1	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive suspension feeder, Active suspension feeder, Surface deposit feeder, Sub-surface deposit feeder		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Injection pocket depth	> 10 cm	3	Wrede A et al 2018				
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Mobility	Fixed tubes	3	Queiros AM et al 2013				
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Reworking	upward and downward conveyors	3	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Spiophanes bombyx exhibited continuous tubebuilding behavior, it was difficult to classify their feeding behavior in the absence of suspended particles. After 24 48 h in the microcosms, the tubes of Spio setosu and Spiophanes bombyx extended so far above		
227364	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes bombyx	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Burrow type	Blind ended irrigation	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	For Spiophanes bombyx: formed a straight, vertical unbranched tube....individuals never moved from their tubes.		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Burrow type	Blind ended irrigation	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	The species builds cylindrical tubes with wallpaper and fine sand. (Original: Der Art baut zylindrische Roehren mit Tapete und feinem Sand)		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Burrow type	Blind ended irrigation	2	Raymond et al 2021				
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Burrow type	Open irrigation	1	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Art baut dünne, Y-förmige verzweigte Schleimröhren, die wenig beständig und locker mit sandkörnern bedeckt sind. Sie sind 2 mm im Durchmesser und reichen 25 cm hinab. Nach König besteht die Tabete der Röhre aus sich kreuzenden Sekret fibrillen auf die		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Spiophanes bombyx: fed on both suspended (including resuspended) and deposited particles and increased their feeding rate, as indicated by fecai production, in the presence of a current ~ans~rtjng suspended particles.		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Raymond et al 2021				
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Spiophanes bombyx: Table 2: selective deposit feeding		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Spiophanes bombyx: Die Art ernährt sich wie viele Spioniden als Taster (Tasten wird wohl automatisch selective sein)		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Spiophanes bombyx regarded as selective deposit feeder		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Deposit feeder	2	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	selective deposit feeder (Table 12)		
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Surface filter feeder	1	Dauer et al. 1981	https://doi.org/10.1016/0022-0981(81)90100-3	Spiophanes bombyx: fed on both suspended (including resuspended) and deposited particles and increased their feeding rate, as indicated by fecai production, in the presence of a current ~ans~rtjng suspended particles.		

227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Feeding type	Surface filter feeder	1	Lindroth 1941	https://doi.org/10.1007/BF00297957	Spiophanes kroyeri bewohnt eine brüchige Schlammröhre, deren Mündung in gleicher Höhe wie die Schlammoberfläche oder einige Millimeter höher liegt. Vom Rohrloch sieht man meistens nur die zwei langen Fühler hinausstecken, welche teils die nächstes Umgebu	
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Mobility	Fixed tubes	3	Raymond et al 2021			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Reworking	surficial modifiers	2	Raymond et al 2021			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Reworking	upward and downward conveyors	2	NIVA traits database			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Reworking	upward and downward conveyors	2	NIVA traits database			
227365	Annelida	Polychaeta	Spionida	Spionidae	Spiophanes kroeyeri	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Feeding type	Deposit feeder	3	Clare et al 2022			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Mobility	Fixed tubes	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Mobility	Limited movement	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Reworking	surficial modifiers	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Reworking	upward and downward conveyors	2	Expert judgement Mats Blomqvist based on taxa in this order			
3000105	Annelida	Polychaeta	Terebellida		Terebellida	Reworking	upward and downward conveyors	2	Clare et al 2022			
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	10.1146/annurev-marine-010814-020007	Ampharetidae: surface deposit feeder	
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Feeding type	Surface filter feeder	2	Wrede A et al 2018			
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Mobility	Limited movement	3	Queiros AM et al 2013			
1007570	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Feeding type	Deposit feeder	2	Clare et al 2022			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	Ampharetidae: surface deposit feeder	
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Feeding type	Surface filter feeder	1	Wrede A et al 2018			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Mobility	Limited movement	3	Queiros AM et al 2013			
227455	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete baltica	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	10.1146/annurev-marine-010814-020007	Ampharetidae: surface deposit feeder	
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Feeding type	Surface filter feeder	2	Wrede A et al 2018			
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Mobility	Limited movement	3	Queiros AM et al 2013			
227456	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete falcata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Feeding type	Deposit feeder	2	Clare et al 2022			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Feeding type	Deposit feeder	2	Raymond et al 2021			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Two Ampharetidae (Ampharete acutifrons and Melinna palmata) regarded as selective deposit feeders	
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Feeding type	Deposit feeder	2	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	There is no published evidence to show selectivity in feeding of marine ampharetids, and the amount of food taken has not been investigated for a single species, freshwater or marine. We argue that most marine species are selective and that in cases of s	
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Feeding type	Surface filter feeder	1	Wrede A et al 2018			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Mobility	Fixed tubes	2	Raymond et al 2021			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Mobility	Limited movement	1	Queiros AM et al 2013			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Reworking	surficial modifiers	1	Raymond et al 2021			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Reworking	upward and downward conveyors	2	NIVA traits database			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Reworking	upward and downward conveyors	2	NIVA traits database			
227457	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete finmarchica	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	10.1146/annurev-marine-010814-020007	Ampharetidae: surface deposit feeder	
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Feeding type	Surface filter feeder	2	Wrede A et al 2018			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Mobility	Limited movement	3	Queiros AM et al 2013			
227459	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete lindstroemi	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Feeding type	Deposit feeder	2	Raymond et al 2021			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Feeding type	Deposit feeder	2	Clare et al 2022			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Feeding type	Surface filter feeder	1	Wrede A et al 2018			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Mobility	Fixed tubes	2	Raymond et al 2021			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Mobility	Limited movement	1	Queiros AM et al 2013			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Reworking	surficial modifiers	1	Raymond et al 2021			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Reworking	upward and downward conveyors	2	NIVA traits database			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227481	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharete octocirrata	Reworking	upward and downward conveyors	2	NIVA traits database			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this family			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Feeding type	Deposit feeder	2	Nasi et al 2020			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	10.1146/annurev-marine-010814-020007	Ampharetidae: surface deposit feeder	
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Feeding type	Deposit feeder	2	Clare et al 2022			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Feeding type	Surface filter feeder	1	Expert judgement Mats Blomqvist based on Ampharete sp by Wrede et al 2018			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on taxa in this family			

2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Injection pocket depth	2-5 cm	1	Nasi et al 2020			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Mobility	Limited movement	3	Queiros AM et al 2013			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Mobility	Limited movement	3	Nasi et al 2020			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
2000533	Annelida	Polychaeta	Terebellida	Ampharetidae	Ampharetidae	Reworking	upward and downward conveyors	3	Nasi et al 2020			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on tube living			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Feeding type	Deposit feeder	2	Clare et al 2022			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Feeding type	Surface filter feeder	2	Expert judgement Mats Blomqvist based on NIVA trait database			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on sediment dwelling depth 0-5 cm in NIVA trait database			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on sediment dwelling depth 0-5 cm in NIVA trait database			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Mobility	Limited movement	3	Queiros AM et al 2013			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Reworking	upward and downward conveyors	3	NIVA traits database			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227463	Annelida	Polychaeta	Terebellida	Ampharetidae	Amphicteis gunneri	Reworking	upward and downward conveyors	3	NIVA traits database			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	Raymond et al 2021			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	BEWG			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	BEWG			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	BEWG			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	BEWG			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Reworking	surficial modifiers	2	Raymond et al 2021			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Reworking	surficial modifiers	2	Christensen & Kanneworff 1985 Sedimenting phytoplankton as major food source for suspension and deposit feeders in the Øresund. Ophelia, 24:223–244.	doi:10.1080/00785326.1985.10429730	Page 235: They (Anobothrus gracilis) stretch the feeding tentacles over the substrate, and presumably take their food from the sediment surface.	
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Reworking	upward and downward conveyors	1	NIVA traits database			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Reworking	upward and downward conveyors	1	NIVA traits database			
227468	Annelida	Polychaeta	Terebellida	Ampharetidae	Anobothrus gracilis	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Feeding type	Deposit feeder	3	Clare et al 2022			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Feeding type	Deposit feeder	3	Raymond et al 2021			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Mobility	Fixed tubes	3	Raymond et al 2021			
227470	Annelida	Polychaeta	Terebellida	Ampharetidae	Eclysippe eliasoni	Reworking	surficial modifiers	3	Raymond et al 2021			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in genus Melinna			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Feeding type	Deposit feeder	3	Clare et al 2022			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on taxa in genus Melinna			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on taxa in genus Melinna			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on taxa in genus Melinna			
1007589	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna	Reworking	surficial modifiers	3	Massé, C., Garabetian, F., Deflandre, B., Maire, O., Costes, L., Mesmer-Dudons, N., ... & Ciutat, A. (2019). Feeding ethology and surface sediment reworking by the ampharetid polychaete Melinna palmata Grube, 1870: Effects on sediment characteristics and	10.1016/j.jembe.2018.12.009	Melinna is only reworking <2 cm sediment depth	
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in genus Melinna			
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on other taxa in genus Melinna			
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Feeding type	Deposit feeder	3	Clare et al 2022			
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on other taxa in genus Melinna			
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on other taxa in genus Melinna			
227488	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna albicincta	Reworking	surficial modifiers	3	Massé, C., Garabetian, F., Deflandre, B., Maire, O., Costes, L., Mesmer-Dudons, N., ... & Ciutat, A. (2019). Feeding ethology and surface sediment reworking by the ampharetid polychaete Melinna palmata Grube, 1870: Effects on sediment characteristics and	10.1016/j.jembe.2018.12.009	Melinna is only reworking <2 cm sediment depth	
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Feeding type	Deposit feeder	3	Persson, A., Rosenberg, R., 2003. Impact of grazing and bioturbation of marine benthic deposit feeders on dinoflagellate cysts. Harmful Algae 2, 43–50	10.1016/S1568-9883(03)00003-9	Abstract: The deposit feeders used were the bivalve Abra nitida, the echinoderm Amphiura filiformis, and the polychaetes Melinna cristata and Nereis diversicolor. Page 48: in the aquaria with M. cristata the surface sediment was excavated to a radius of c	
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Injection pocket depth	> 10 cm	3	Raymond et al 2021			
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Injection pocket depth	> 10 cm	3	Nilsson, H., Rosenberg, R., 2000. Succession in marine benthic habitats and fauna in response to oxygen deficiency:analysed by sediment profile-imaging and by grab samples. Mar. Ecol. Prog. Ser. 197, 139–149	10.3354/meps197139	The contents of the grab samples suggest that these tubes contained Melinna cristata. This species constructs clay tubes that can extend 20 cm vertically into the sediment as indicated in many of the images in Fig. 4.	
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Mobility	Fixed tubes	3	Raymond et al 2021			
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Reworking	surficial modifiers	3	Persson, A., Rosenberg, R., 2003. Impact of grazing and bioturbation of marine benthic deposit feeders on dinoflagellate cysts. Harmful Algae 2, 43–50	10.1016/S1568-9883(03)00003-9	Page 48. in the aquaria with M. cristata the surface sediment was excavated to a radius of ca. 3 cm around each animal tube.	
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Reworking	surficial modifiers	3	Massé, C., Garabetian, F., Deflandre, B., Maire, O., Costes, L., Mesmer-Dudons, N., ... & Ciutat, A. (2019). Feeding ethology and surface sediment reworking by the ampharetid polychaete Melinna palmata Grube, 1870: Effects on sediment characteristics and	10.1016/j.jembe.2018.12.009	Melinna is only reworking <2 cm sediment depth	
227487	Annelida	Polychaeta	Terebellida	Ampharetidae	Melinna cristata	Reworking	surficial modifiers	3	Raymond et al 2021			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Feeding type	Deposit feeder	3	Clare et al 2022			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			

227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Mobility	Fixed tubes	2	Raymond et al 2021			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Mobility	Limited movement	1	Queiros AM et al 2013			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Reworking	surficial modifiers	2	Raymond et al 2021			
227484	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane sulcata	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Feeding type	Deposit feeder	3	Raymond et al 2021			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Feeding type	Deposit feeder	3	Clare et al 2022			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Mobility	Fixed tubes	2	Raymond et al 2021			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Mobility	Limited movement	1	Queiros AM et al 2013			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Reworking	surficial modifiers	2	Raymond et al 2021			
227477	Annelida	Polychaeta	Terebellida	Ampharetidae	Sosane wahrbergi	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Feeding type	Deposit feeder	3	Raymond et al 2021			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Feeding type	Deposit feeder	3	Wrede A et al 2018			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Injection pocket depth	2-5 cm	2	Wrede A et al 2018			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Mobility	Limited movement	1	Queiros AM et al 2013			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Mobility	slow movement through sediment	2	Raymond et al 2021			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Reworking	surficial modifiers	2	Queiros AM et al 2013			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Reworking	surficial modifiers	2	NIVA traits database			
1007563	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta	Reworking	upward and downward conveyors	2	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Feeding type	Deposit feeder	3	Clare et al 2022			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Injection pocket depth	2-5 cm	2	Wrede A et al 2018			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Mobility	Limited movement	1	Queiros AM et al 2013			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Mobility	slow movement through sediment	2	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Reworking	surficial modifiers	2	Queiros AM et al 2013			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Reworking	surficial modifiers	2	NIVA traits database			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Reworking	upward and downward conveyors	1	Raymond et al 2021			
227437	Annelida	Polychaeta	Terebellida	Cirratulidae	Aphelochaeta filiformis	Reworking	upward and downward conveyors	1	Clare et al 2022			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Feeding type	Deposit feeder	3	Clare et al 2022			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Feeding type	Deposit feeder	3	Wrede A et al 2018			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Injection pocket depth	2-5 cm	3	Wrede A et al 2018			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Mobility	Limited movement	3	Queiros AM et al 2013			
1007558	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Burrow type	Blind ended irrigation	3	Hily 1987	https://doi.org/10.1016/0022-0981(87)90069-4	It is a small-surface and subsurface deposit- feeding polychaete which lives free in sandy mud and muddy sediments (F	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Burrow type	Blind ended irrigation	3	Spies & Davis 1979	https://doi.org/10.1007/BF00394204	Both ....., and Chaetozone setosa, a cirratulid polychaete, live near the sediment surface without permanent tubes.	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder; Sub-surface deposit feeder	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: selective deposit feeder	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	Martin et al. 2000	https://doi.org/10.1080/00785326.2000.10409431	Table 1: surface deposit feeder	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	They are usually considered non-selective but Chaetozone setosa and Tharyx marioni may be selective feeders (Wolff, 1973)	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	Raymond et al 2021			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	selective deposit feeder (Table 12)	
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Injection pocket depth	2-5 cm	1	Wrede A et al 2018			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Mobility	Limited movement	1	Queiros AM et al 2013			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Mobility	slow movement through sediment	2	Raymond et al 2021			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Reworking	surficial modifiers	3	NIVA traits database			
227416	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone setosa	Reworking	surficial modifiers	3	Raymond et al 2021			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Feeding type	Deposit feeder	3	Clare et al 2022			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Injection pocket depth	2-5 cm	3	Wrede A et al 2018			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Mobility	Limited movement	3	Queiros AM et al 2013			
227415	Annelida	Polychaeta	Terebellida	Cirratulidae	Chaetozone zetlandica	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Burrow type	Blind ended irrigation	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Feeding type	Deposit feeder	2	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	surface deposit feeders; possibly suspension feed as well	
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Feeding type	Deposit feeder	2	Clare et al 2022			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Feeding type	Surface filter feeder	1	Jumars, P.A., Dorgan, K.M., Lindsay, S.M., 2015. Diet of Worms Emended: An Update of Polychaete Feeding Guilds. Annu. Rev. Mar. Sci. 7, 497–520	https://doi.org/10.1146/annurev-marine-010814-020007	surface deposit feeders; possibly suspension feed as well	
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Injection pocket depth	2-5 cm	3	Expert judgment based on other taxa in Cirratulidae, Mats Blomqvist			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Mobility	Limited movement	3	Queiros AM et al 2013			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Reworking	surficial modifiers	3	NIVA traits database			
2000535	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1007559	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus	Burrow type	Blind ended irrigation	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			
1007559	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus	Feeding type	Deposit feeder	3	Clare et al 2022			
1007559	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus	Injection pocket depth	2-5 cm	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			
1007559	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus	Mobility	Limited movement	3	Queiros AM et al 2013			
1007559	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227423	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus caudatus	Burrow type	Blind ended irrigation	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			
227423	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus caudatus	Feeding type	Deposit feeder	3	Clare et al 2022			
227423	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus caudatus	Injection pocket depth	2-5 cm	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			
227423	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus caudatus	Mobility	Limited movement	3	Queiros AM et al 2013			
227423	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus caudatus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Burrow type	Blind ended irrigation	3	Expert judgment based on taxa in Cirratulidae, Mats Blomqvist			

227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Feeding type	Deposit feeder	3	Sanchis, C., Soto, E. H., & Quiroga, E. (2021). The importance of a functional approach on benthic communities for aquaculture environmental assessment: Trophic groups--A polychaete view. Marine Pollution Bulletin, 167, 112309.	10.1016/j.marpolbul.2021.112309	surface deposit feeder	
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Injection pocket depth	5-10 cm	3	Guerra García, J. M., Corzo, J. R., & García Gómez, J. C. (2003). Distribución vertical de la macrofauna en sedimentos contaminados del interior del puerto de Ceuta. Boletín Instituto Español Oceanografía 19 (4), 105-121.			
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Mobility	Limited movement	3	Hartmann-Schröder 1996; http://www.seawater.no/fauna/annelida/cirratus.html; BIOTIC			
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Mobility	Limited movement	3	Queiros AM et al 2013			
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Reworking	surficial modifiers	3	Hartmann-Schröder 1996; http://www.seawater.no/fauna/annelida/cirratus.html; BIOTIC			
227424	Annelida	Polychaeta	Terebellida	Cirratulidae	Cirratulus cirratus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on species in this genus			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Feeding type	Deposit feeder	3	Clare et al 2022			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on species in this genus			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Mobility	Limited movement	3	Queiros AM et al 2013			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Reworking	surficial modifiers	3	NIVA traits database			
1007562	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Burrow type	Blind ended irrigation	3	Oliver & Slattery 2012	http://dx.doi.org/10.1080/00785326.1985.10429725	It was the only subsurface species that did not maintain an opening to the sediment-water interface, and lived deep in the sediment	
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Burrow type	Blind ended irrigation	3	Oliver & Slattery 2012	http://dx.doi.org/10.1080/00785326.1985.10429725	For Tharyx genus: Fig 2, horizontal position in sediment, parallel to sediment surface	
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Feeding type	Deposit feeder	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Zur Nahrungsaufnahme kommen die Tiere nur nächtlich hervor, jedoch ohne ihren Bau gänzlich zu verlassen (FARKE). Dabei wird die Substratoberfläche mit Hilfe der Tentakeln abgetastet und sowohl Substrat, Detritus als auch Diatomeen in der bewimperten Furch	
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Feeding type	Deposit feeder	3	Clare et al 2022			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Feeding type	Deposit feeder	3	Schratzberger et al. 2008	https://doi.org/10.1007/s00227-007-0836-4	Table 12: selective surface deposit feeder	
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Mobility	Limited movement	3	Queiros AM et al 2013			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Mobility	Limited movement	3	Raymond et al 2021			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Reworking	surficial modifiers	3	Raymond et al 2021			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
227433	Annelida	Polychaeta	Terebellida	Cirratulidae	Tharyx killariensis	Reworking	surficial modifiers	3	NIVA traits database			
1007547	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1007547	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada	Feeding type	Deposit feeder	3	Clare et al 2022			
1007547	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1007547	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1007547	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	B. villosa is an upward/downward conveyor.	
227388	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada inhabilis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227388	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada inhabilis	Feeding type	Deposit feeder	3	Clare et al 2022			
227388	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada inhabilis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227388	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada inhabilis	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
227388	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada inhabilis	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	B. villosa is an upward/downward conveyor.	
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Feeding type	Deposit feeder	3	Raymond et al 2021			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Mobility	Limited movement	3	Queiros AM et al 2013			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Mobility	Limited movement	3	Raymond et al 2021			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Mobility	Limited movement	3	Hartmann-Schröder 1996; WORMS; tax closest species			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Reworking	surficial modifiers	1	Raymond et al 2021			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Reworking	upward and downward conveyors	2	NIVA traits database			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Reworking	upward and downward conveyors	2	Hartmann-Schröder 1996; WORMS; tax closest species			
227389	Annelida	Polychaeta	Terebellida	Flabelligeridae	Brada villosa	Reworking	upward and downward conveyors	2	NIVA traits database			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Feeding type	Deposit feeder	2	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	The gut content indicates that some sorting takes place; it consists of unicellular algae and fragments of larger algae and detritus (Blegvad, 1914; Yonge, 1928; Remane, 1933; Rasmussen, 1973). All flabelligerids are surface deposit-feeders, usually using	
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder surface	
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Feeding type	Deposit feeder	2	Raymond et al 2021			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Feeding type	Predator	1	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Mobility	Limited movement	3	Queiros AM et al 2013			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Mobility	Limited movement	3	Raymond et al 2021			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Reworking	biodiffusors	1	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	bildet in den oberen Schichten des Substrats wenig dauerhafte Gänge die durch Schleim nur wenig verfestigt sind.	
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Reworking	surficial modifiers	1	Raymond et al 2021			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Reworking	upward and downward conveyors	2	NIVA traits database			
227394	Annelida	Polychaeta	Terebellida	Flabelligeridae	Diplocirrus glaucus	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on P. plumosa			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Feeding type	Deposit feeder	2	Clare et al 2022			

1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Feeding type	Surface filter feeder	1	Clare et al 2022			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on P. plumosa			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Injection pocket depth	2-5 cm	1	Expert judgement Mats Blomqvist based on P. plumosa			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on P. plumosa			
1007551	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	Pherusa monilifera, P. plumosa: upward conveyor with limited movement.	
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Feeding type	Deposit feeder	2	Expert judgement Mats Blomqvist based on NIVA trait database and Fleddum 2010			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Feeding type	Deposit feeder	2	Clare et al 2022			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Feeding type	Surface filter feeder	1	Expert judgement Mats Blomqvist based on NIVA trait database and Fleddum 2010			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Feeding type	Surface filter feeder	1	Clare et al 2022			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on NIVA trait database and Fleddum 2010			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Injection pocket depth	2-5 cm	1	Expert judgement Mats Blomqvist based on NIVA trait database and Fleddum 2010			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Mobility	Limited movement	3	Hartmann-Schröder 1996			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Mobility	Limited movement	3	Queiros AM et al 2013			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Reworking	upward and downward conveyors	3	NIVA traits database			
227401	Annelida	Polychaeta	Terebellida	Flabelligeridae	Pherusa plumosa	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Amphictene was Pectinaria before. For P. koreni: Table 1: non-selective deposit feeder	
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Josefson et al. 2002	https://doi.org/10.3354/meps230071	Amphictene was Pectinaria before. For P. auricoma: Table 1: subsurface deposit feeder	
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Fauchald & Jumars, 1979	OSTI ID: 6820297 https://www.osti.gov/biblio/6820297-diet-worms-study-polychaete-feeding-guilds	Pectinariids are burrowing, tubicolous worms, digging with the stout paleal setae and sorting particles with their tentacles. Judging from the gut content all species are selective deposit-feeders (Rauschenplat, 1901; Blegvad, 1914; Hessle, 1925; Hunt, 19	
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Raymond et al 2021			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Feeding type	Deposit feeder	3	Solis-Weiss et al. 2004	https://doi.org/10.1016/j.scitotenv.2004.01.027	Appendix A: subsurface deposit feeder	
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Injection pocket depth	2-5 cm	3	Wrede A et al 2018			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Mobility	Limited movement	3	Raymond et al 2021			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Reworking	upward and downward conveyors	3	NIVA traits database			
227442	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria auricoma	Reworking	upward and downward conveyors	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Lebensweise und Nahrungsaufnahme im Substrat von P. auricoma scheint nicht wesentlich von der der L. koreni und anderen Pectinaria-Arten abzuweichen	
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Feeding type	Deposit feeder	3	Raymond et al 2021			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Mobility	Limited movement	3	Raymond et al 2021			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Reworking	upward and downward conveyors	3	NIVA traits database			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227446	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria belgica	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Pectinaria koreni regarded as non-selective deposit feeder. Lagis was named Pectinaria before	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Clare et al 2022			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder; Sub-surface deposit feeder	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Wrede A et al 2018			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Pectinaria koreni regarded as selective deposit feeder. Lagis was named Pectinaria before	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Pectinaria koreni regarded as selective deposit feeder. Lagis was named Pectinaria before	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Feeding type	Deposit feeder	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Die Art ernährt sich von Mikroorganismen wie Ciliaten, Foraminiferen kleinkrebsen und einzelligen Algen aus dem Sediment die es mit Hilfe seiner Tentakel ertastet und aufnimmt,	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Injection pocket depth	2-5 cm	3	Wrede A et al 2018			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Mobility	Limited movement	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Reworking	upward and downward conveyors	3	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	Sand aus dem kammer hohlraum wird durch die Röhre mach außen befördert wo sich ein kleiner Sandhügel um das Röhren hinterende bilden kann. ... Dabei bewegt sich das tier auf den Paleen kopfabwärts horizontal durch das Substrat wobei die Röhre in Senkrechte	
227445	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria koreni	Reworking	upward and downward conveyors	3	NIVA traits database			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Feeding type	Deposit feeder	3	Clare et al 2022			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1007565	Annelida	Polychaeta	Terebellida	Pectinariidae	Pectinaria s.lat.	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on surface living (Clare et al 2022)			
227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Feeding type	Deposit feeder	3	Clare et al 2022			
227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Feeding type	Deposit feeder	3	Rigolet, C., 2013. Diversité structurelle et fonctionnelle des peuplements sablo-vaseux de Bretagne sud: Impact de l'expansion d'Haploops nirae (doctoralThesis). Université Pierre et Marie Curie.		Subsurface deposit feeder	

227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on surface living (Clare et al 2022)			
227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227537	Annelida	Polychaeta	Terebellida	Terebellidae	Amaeana trilobata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Deposit feeder	2	Buhr 1976	https://doi.org/10.1007/BF00391377	"This implies that L. conchilega is capable of completely replacing deposit-feeding by suspension-feeding."	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Deposit feeder	2	Wrede A et al 2018			
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Deposit feeder	2	Buhr 1976	https://doi.org/10.1007/BF00391377	On the one hand, this polychaete has been described as a selective deposit feeder (Blegvad, 1914; Hunt, 1925; Remane, 1940; Yonge, 1949), on the other, as a suspension feeder, retaining suspended particles directly from the water by means of its tentacles	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Deposit feeder	2	Buhr & Winter 1977	https://doi.org/10.1016/B978-0-08-021378-1.50017-8	From the high population densities of L. conchilega observed ... it is unlikely that L. conchilega engages solely in surface deposit feeding. Laboratory experiments revealed that in addition to surface deposit feeding suspenison feeding plays a very importa	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Deposit feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	"Lanice conchilega ernährt sich als Taster von umsortiertem oder grob sortiertem Bodendetritus und von Plankton, das mit dem Wasserstrom an die Fransenkrone der Röhre gespült, dort festgehalten und mit den Tentakeln aufgenommen wird."	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Ropert & Goulletquer 2000	https://doi.org/10.1016/S0044-8486(99)00216-1	Suspensionïfeeding was demonstrated inL. conchilegaby Buhr 1976 , so the animal must beconsidered a semi-active suspension feeder.	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Buhr 1976	https://doi.org/10.1007/BF00391377	On the one hand, this polychaete has been described as a selective deposit feeder (Blegvad, 1914; Hunt, 1925; Remane, 1940; Yonge, 1949), on the other, as a suspension feeder, retaining suspended particles directly from the water by means of its tentacles	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Buhr & Winter 1977	https://doi.org/10.1016/B978-0-08-021378-1.50017-8	From the high population densities of L. conchilega observed ... it is unlikely that L. conchilega engages solely in surface deposit feeding. Laboratory experiments revealed that in addition to surface deposit feeding suspenison feeding plays a very importa	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Hartmann-Schröder 1996	ISBN-10: 3925919449; ISBN-13: 978-3925919442	"Lanice conchilega ernährt sich als Taster von umsortiertem oder grob sortiertem Bodendetritus und von Plankton, das mit dem Wasserstrom an die Fransenkrone der Röhre gespült, dort festgehalten und mit den Tentakeln aufgenommen wird."	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Buhr 1976	https://doi.org/10.1007/BF00391377	"This implies that L. conchilega is capable of completely replacing deposit-feeding by suspension-feeding."	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Feeding type	Surface filter feeder	2	Ropert & Goulletquer 2000	https://doi.org/10.1016/S0044-8486(99)00216-1	The feeding behaviour of L. conchilega was previously shown to be deposit or filter feeding, the switch to filtration activity being generally observed for high population densities (Buhr, 1976; Buhr and Winter, 1977). Moreover, according to the classific	
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227509	Annelida	Polychaeta	Terebellida	Terebellidae	Lanice conchilega	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Burrow type	Blind ended irrigation	3	Expert judgment Mats Blomqvist based on family Terebellidae (Kristensen & Kostka 2005)			
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Feeding type	Deposit feeder	3	Word 1979	SCCWRP num. 1980.06 , ftp://ftp.sccwrp.org/pub/download/DOCUMENTS/AnnualReports/1979_80AnnualReport/AR79-80_103.pdf	Table 1: Terebellidae (family to which Lysilla loveni belongs) regarded to be passive suspended detritus feeders	
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Feeding type	Deposit feeder	3	Kristensen & Kostka 2005	https://doi.org/10.1029/CE060p0125	Sedentary, surface deposit-feeding polychaetes of the family Terebellidae irrigate their U-shaped burrows in a forward direction driven by piston-like or peristaltic body waves while extending the numerous feeding tentacles at the sediment surface [Dales,	
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Other Terebellidae (family to which Lysilla loveni belongs) all regarded to be selective deposit feeders	
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Lysilla loveni belongs to the Terebellidae. Here in Table 1: 4 Terebellidae species are listed as selective deposit feeders	
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Injection pocket depth	> 10 cm	3	van der Loeff, M. M. R., Anderson, L. G., Hall, P. O., Iverfeldt, Å., Josefson, A. B., Sundby, B., & Westerlund, S. F. (1984). The asphyxiation technique: An approach to distinguishing between molecular diffusion and biologically mediated transport at the	10.4319/lo.1984.29.4.0675	0-15 cm	
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227539	Annelida	Polychaeta	Terebellida	Terebellidae	Lysilla loveni	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Neoamphitrite grayi by Raymond et al 2021			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Feeding type	Deposit feeder	3	Clare et al 2022			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist based on Neoamphitrite grayi by Raymond et al 2021			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Mobility	Fixed tubes	3	Querios et al. 2013			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Mobility	Fixed tubes	3	Queirós et al. (2013)			
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	N. affinis: downward conveyor, living in fixed tube	
227515	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite figulus	Reworking	upward and downward conveyors	3	Queirós et al. (2013)			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Feeding type	Deposit feeder	3	Raymond et al 2021			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Feeding type	Deposit feeder	3	Clare et al 2022			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Mobility	Fixed tubes	3	Raymond et al 2021			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	N. affinis: downward conveyor, living in fixed tube	
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Reworking	upward and downward conveyors	3	Clare et al 2022			
227516	Annelida	Polychaeta	Terebellida	Terebellidae	Neoamphitrite grayi	Reworking	upward and downward conveyors	3	Raymond et al 2021			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Feeding type	Deposit feeder	3	Raymond et al 2021			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Feeding type	Deposit feeder	3	Clare et al 2022			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Mobility	Fixed tubes	3	Raymond et al 2021			
1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Reworking	upward and downward conveyors	3	Raymond et al 2021			

1007609	Annelida	Polychaeta	Terebellida	Terebellidae	Pista	Reworking	upward and downward conveyors	3	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	Axionice maculata (syn. Pista maculata): Downward conveyor, living in fixed tubes.	
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Feeding type	Deposit feeder	3	Raymond et al 2021			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Mobility	Fixed tubes	3	Raymond et al 2021			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227522	Annelida	Polychaeta	Terebellida	Terebellidae	Pista cristata	Reworking	upward and downward conveyors	3	NIVA traits database			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Feeding type	Deposit feeder	3	Raymond et al 2021			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Mobility	Fixed tubes	3	Raymond et al 2021			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227527	Annelida	Polychaeta	Terebellida	Terebellidae	Pista lornensis	Reworking	upward and downward conveyors	3	Raymond et al 2021			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Feeding type	Deposit feeder	3	Raymond et al 2021			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Mobility	Limited movement	3	Raymond et al 2021			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Mobility	Limited movement	3	Dales, R. P. (1955). Feeding and digestion in terebellid polychaetes. Journal of the marine Biological Association of the United Kingdom, 34(1), 55-79.	10.1017/S0025315400008614	Page 73: Neither Polycirrus nor Amphitritejohnstoni lives in tubes, the latter living in an unlined burrow in mud as described above. Polycirrus is more mobile and pulls itself about under stones by the tentacles, which are extremely numerous and complete	
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Reworking	upward and downward conveyors	3	NIVA traits database			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
1007620	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Feeding type	Deposit feeder	3	Raymond et al 2021			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	deposit feeder: surface, interface feeder, suspension feeder: facultative	
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Polycirrus aurantiacus regarded as selective deposit feeder	
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Feeding type	Deposit feeder	3	Rice 1986	https://doi.org/10.1357/002224086788460166	which apparently feeds by skimming the sediment surface, and a tentaculate surface deposit-feeder, Polycirrus medusa (Terebellidae), are common during summer months on the flanks of the mussel reef	
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Mobility	Limited movement	3	Raymond et al 2021			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Reworking	upward and downward conveyors	3	NIVA traits database			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Reworking	upward and downward conveyors	3	NIVA traits database			
227548	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus medusa	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Feeding type	Deposit feeder	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Mobility	Limited movement	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Reworking	upward and downward conveyors	3	NIVA traits database			
227550	Annelida	Polychaeta	Terebellida	Terebellidae	Polycirrus plumosus	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227528	Annelida	Polychaeta	Terebellida	Terebellidae	Proclea graffii	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227528	Annelida	Polychaeta	Terebellida	Terebellidae	Proclea graffii	Feeding type	Deposit feeder	3	Raymond et al 2021			
227528	Annelida	Polychaeta	Terebellida	Terebellidae	Proclea graffii	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
227528	Annelida	Polychaeta	Terebellida	Terebellidae	Proclea graffii	Mobility	Limited movement	3	Raymond et al 2021			
227528	Annelida	Polychaeta	Terebellida	Terebellidae	Proclea graffii	Reworking	upward and downward conveyors	3	Raymond et al 2021			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Feeding type	Deposit feeder	3	Raymond et al 2021			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Feeding type	Deposit feeder	3	Clare et al 2022			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Mobility	Fixed tubes	3	Raymond et al 2021			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227533	Annelida	Polychaeta	Terebellida	Terebellidae	Streblosoma bairdi	Reworking	upward and downward conveyors	3	Raymond et al 2021			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this family			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on taxa in this family			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this family			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Mobility	Fixed tubes	3	Queiros AM et al 2013			
2000534	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellidae	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Burrow type	Blind ended irrigation	3	Raymond et al 2021	10.1007/s11356-020-11607-0	Table S2 - burrow type 3 (IPc)	
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Feeding type	Deposit feeder	3	Raymond et al 2021			
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Mobility	Fixed tubes	3	Queiros AM et al 2013			
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Reworking	surficial modifiers	2	Legeżyńska, Joanna; Kedra, Monika; Walkusz, Wojciech (2014). Identifying trophic relationships within the high Arctic benthic community: how much can fatty acids tell?. Marine Biology, 161(4), 821–836.	10.1007/s00227-013-2380-8	Page 832: Terebellides stroemii is a sessile form that lives in tubes and feeds via tentacles on organic particles deposited or re-suspended in their close vicinity	
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Reworking	surficial modifiers	2	C. Michel; M. Bhaud; P. Boumati; S. Halpern 1984. Physiology of the digestive tract of the sedentary polychaeteTerebellides stroemi. , Marine Biology 83, 17-31	10.1007/bf00393082	Page 83: it feeds on the substrate surface by means of its grooved buccal tentacles, which can extend over the substrate for a distance nearly equal to the length of its body.	
227496	Annelida	Polychaeta	Terebellida	Terebellidae	Terebellides stroemii	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Feeding type	Deposit feeder	3	Raymond et al 2021			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Mobility	Fixed tubes	1	Queiros AM et al 2013			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Mobility	Limited movement	2	Raymond et al 2021			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Reworking	surficial modifiers	2	Raymond et al 2021			
227498	Annelida	Polychaeta	Terebellida	Terebellidae	Trichobranchus roseus	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Burrow type	Blind ended irrigation	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Burrow type	Epifauna, internal irrigation	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Burrow type	Open irrigation	2	Nasi et al 2020	10.1016/j.ecss.2019.106405	BTi2	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Feeding type	Deposit feeder	2	Berg (1995)	10.1007/978-94-011-0715-0_7	chironomid larvae show a wide range of feeding modes (e.g., predators, detritivores, filter-feeders, and grazers) and great flexibility in diet / opportunistic	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Feeding type	Predator	2	Berg (1995)	10.1007/978-94-011-0715-0_7	chironomid larvae show a wide range of feeding modes (e.g., predators, detritivores, filter-feeders, and grazers) and great flexibility in diet / opportunistic	

2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Feeding type	Sub surface filter feeder	2	Berg (1995)	10.1007/978-94-011-0715-0_7	chironomid larvae show a wide range of feeding modes (e.g., predators, detritivores, filter-feeders, and grazers) and great flexibility in diet / opportunistic	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Feeding type	Surface filter feeder	2	Nasi et al 2020	10.1016/j.ecss.2019.106405	FTi1	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Injection pocket depth	> 10 cm	2	Kornijów et al 2021	10.1007/s00027-021-00800-z	Chironomus balatonicus found down to a depth of 25 cm (Vistula Lagoon)	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Injection pocket depth	0-2 cm	2	Berg (1995)	10.1007/978-94-011-0715-0_7	Chironomid burrow depth depends on sediment depth in lakes (refers to 10-30mm max)	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Injection pocket depth	2-5 cm	2	Berg (1995)	10.1007/978-94-011-0715-0_7	Chironomid burrow depth depends on sediment depth in lakes (refers to 10-30mm max)	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Injection pocket depth	5-10 cm	2	Nasi et al 2020	10.1016/j.ecss.2019.106405	ID3	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Mobility	Fixed tubes	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Mobility	free movement via burrow system	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Mobility	Limited movement	2	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Mi2	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Mobility	slow movement through sediment	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Reworking	biodiffusors	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa with wide range of feeding methods	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Reworking	epifauna	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa with wide range of feeding methods	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Reworking	regenerators	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa with wide range of feeding methods	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Reworking	surficial modifiers	2	Berg (1995)	10.1007/978-94-011-0715-0_7	there are tube-dwelling and free-living taxa with wide range of feeding methods	
2001302	Arthropoda	Insecta	Diptera	Chironomidae	Chironomidae	Reworking	upward and downward conveyors	2	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Ri3	
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Burrow type	Blind ended irrigation	2	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Burrow type	Epifauna, internal irrigation	2	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Burrow type	Open irrigation	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Feeding type	Deposit feeder	2	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Feeding type	Predator	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Feeding type	Sub surface filter feeder	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Feeding type	Surface filter feeder	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Injection pocket depth	> 10 cm	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Injection pocket depth	2-5 cm	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Injection pocket depth	5-10 cm	1	Expert judgement Mats Blomqvist based on classification of Amphipoda in Swedish waters			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Mobility	Limited movement	2	Queirós et al. (2013)			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Mobility	slow movement through sediment	2	Gogina M ICES BEWG EngChan			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Reworking	surficial modifiers	2	Queirós et al. (2013)			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Reworking	surficial modifiers	2	Gogina M ICES BEWG EngChan			
3000222	Arthropoda	Malacostraca	Amphipoda		Amphipoda	Reworking	upward and downward conveyors	2	Degen, R., Faulwetter, S. (2019) The Arctic Traits Database - A repository for arctic benthic invertebrate traits.. Earth Systems Science Data, 11:301-322.	https://doi.org/10.5194/essd-11-301-2019	Taxa included in the Arctic Traits Database express the traits: diffusive mixing, surface deposition, conveyor belt transport upward, and none.	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist, lives among anemones			
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Feeding type	Deposit feeder	1	Janson et al. 2012	https://doi.org/10.1007/s11368-012-0557-2	Subsurface deposit feeder	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Feeding type	Predator	2	Dahl, E. (1964). The amphipod genus Acidostoma. Zoologische Mededelingen, 39(7), 48–58.		Judging from purely morphological considerations it appears probable that the mouth cone and the stomodaeal mechanisms together form a fairly efficient apparatus for the extraction of fluid or at least of soft substances from the bodies of other animals	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Feeding type	Predator	2	Vader & Tandberg 2020	10.1093/jcbiol/ruaa061	Many nematocysts were found in the stomach and faeces of the amphipods in several of these cases and in some preserved samples studied by Dahl (1964). Species of Acidostoma therefore seem to act as 'mosquitoes of the sea,' with sea anemones as their main	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Feeding type	Predator	2	Wildish & Peer 1983	https://doi.org/10.1139/f83-292	Acidostoma obesum was Anonyx obesus before. For Anonyx sarsi: deposit feeding, carnovorous, omnivorous scavenger	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist, lives among anemones			
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Reworking	biodiffusors	1	Janson et al. 2012	https://doi.org/10.1007/s11368-012-0557-2	Biodiffusor	
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Reworking	surficial modifiers	2	Queiros AM et al 2013			
233385	Arthropoda	Malacostraca	Amphipoda	Acidostomatidae	Acidostoma obesum	Reworking	surficial modifiers	2	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	surfical modifiers	
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Feeding type	Deposit feeder	2	Clare et al 2022			
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Feeding type	Sub surface filter feeder	2	Clare et al 2022			
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Mobility	Fixed tubes	3	Queiros AM et al 2013			
1009272	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Feeding type	Deposit feeder	2	Clare et al 2022			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Feeding type	Sub surface filter feeder	2	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	6 Ampelisca species regarded domicolous (tube building)	
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Feeding type	Sub surface filter feeder	2	Esposito et al. 2015	https://doi.org/10.1007/s12526-014-0285-5	and selective detritus feeding in species that are considered suspension feeders, as A. macrocephala (Grebmeier and McRoy 1989).	
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Feeding type	Sub surface filter feeder	2	Clare et al 2022			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Feeding type	Sub surface filter feeder	2	Word 1979	SCCWRP num. 1980.06 , ftp://ftp.sccwrp.org/pub/download/DOCUMENTS/AnnualReports/1979_80AnnualReport/AR79-80_103.pdf	Table 1: Ampelisca as actice suspended detritus feeder	
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233379	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca brevicornis	Reworking	surficial modifiers	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Create silt tubes that may be built up into extensive mats.	
233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			

233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Feeding type	Deposit feeder	2	Clare et al 2022			
233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Feeding type	Sub surface filter feeder	2	Expert judgement Mats Blomqvist based on other taxa in this genus			
233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233380	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca diadema	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Burrow type	Epifauna, internal irrigation	3	Kanneworff 1965 Life cycle, food, and growth of the amphipod Ampelisca macrocephala liljeborg from the Øresund Ophelia, 2:2, 305-318	10.1080/00785326.1965.10409606	Ampelisca macrocephala is a tube-building amphipod	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Burrow type	Epifauna, internal irrigation	3	Conlan et al 2019 Dense ampeliscid bed on the Canadian Beaufort Shelf: an explanation for species patterns. Polar Biology (2019) 42:195–215	10.1007/s00300-018-2417-z	The ampeliscids spend most of their lives in self-built tubes, where they position themselves ventral side up at the tube mouth for feeding (Enequist 1949). They glue the sediment particles with "amphipod silk" secreted from glands in pereopods 3 and 4. A	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Burrow type	Epifauna, internal irrigation	3	Conlan et al 2008. Christine McClelland; Humfrey Melling (2008). Distribution patterns of Canadian Beaufort Shelf macrobenthos. , 74(3-4), 864–886	10.1016/j.jmarsys.2007.10.002	tubicolous amphipod A. macrocephala + Fig 6c.	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Feeding type	Deposit feeder	2	Conlan et al 2019 Dense ampeliscid bed on the Canadian Beaufort Shelf: an explanation for species patterns. Polar Biology (2019) 42:195–215	10.1007/s00300-018-2417-z	Page 209: By comparison, in B. gaimardii and A. macrocephala, the antennal mesh is coarser than in H. tubicola and nonsticky. Their tubes are flush with the sediment where they can sweep the surface of deposited material to supplement suspension feeding	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Feeding type	Deposit feeder	2	Kanneworff 1965 Life cycle, food, and growth of the amphipod Ampelisca macrocephala liljeborg from the Øresund Ophelia, 2:2, 305-318	10.1080/00785326.1965.10409606	the intestinal contents of collected animals indicate that they feed on detritus	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Feeding type	Deposit feeder	2	Raymond et al 2021			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Feeding type	Sub surface filter feeder	2	Conlan et al 2008 Distribution patterns of Canadian Beaufort Shelf macrobenthos. Journal of Marine Systems 74:864–886	10.1016/j.jmarsys.2007.10.002	Page 881: the suspension feeding amphipod A. macrocephala [subsurface f]dung expert judgement based on tube]	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Injection pocket depth	0-2 cm	2	Conlan et al 2008. Christine McClelland; Humfrey Melling (2008). Distribution patterns of Canadian Beaufort Shelf macrobenthos. , 74(3-4), 864–886	10.1016/j.jmarsys.2007.10.002	Fig 6c	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Injection pocket depth	2-5 cm	2	Mackenzie et al 2006. Ampelisca amphipod tube mats may enhance abundance of Northern Quahogs Mercenaria mercenaria in muddy sediments. Journal of Shellfish Research, 25:841-847.	10.2983/0730-8000(2006)25[841:AATMME]2.0.CO;2 M	Page 841: Ampelisca abdita occupy tubes about 3.5 cm	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Injection pocket depth	2-5 cm	2	Mills (1967). The Biology of an Ampeliscid Amphipod Crustacean Sibling Species Pair. Journal of the Fisheries Research Board of Canada, 24:305–355	10.1139/f67-030	Page 330: Ampelisca abdita - Tube-building goes on at a rate of about 2 cm in 4 days. When the tube extends downwards 3 or 4 cm, the animal begins to work upwards until the tube extends 1 cm above the surface.	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Injection pocket depth	5-10 cm	1	Grebmeier, J. M., & McRoy, C. P. (1989). Pelagic-benthic coupling on the shelf of the northern Bering and Chukchi Seas. 111. Benthic food supply and carbon cycling. Mar. Ecol.-Prog. Ser, 53, 79-91.		Page 84: In the X-radiographs, densely packed ampeliscid amphipod tubes (Ampelisca macrocephala) appear as thin, white vertical tubes extending 8 to 9 cm into the sediments	
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Mobility	Fixed tubes	3	Raymond et al 2021			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Reworking	surficial modifiers	3	NIVA traits database			
233381	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca macrocephala	Reworking	surficial modifiers	3	Raymond et al 2021			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Feeding type	Deposit feeder	2	Clare et al 2022			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Feeding type	Sub surface filter feeder	2	Expert judgement Mats Blomqvist based on other taxa in this genus			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233382	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca pusilla	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	detritus feeder suspension feeder	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	passive suspension feeder active suspension feeder surface deposit feeder sub surface deposit feeder	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Deposit feeder	2	Raymond et al 2021			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Deposit feeder	2	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	Ampelisca species deposit feeders and filter feeders	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Sub surface filter feeder	2	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	Ampelisca species deposit feeders and filter feeders	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Sub surface filter feeder	2	Word 1979	SCCWRP num. 1980.06 , ftp://ftp.sccwrp.org/pub/download/DOCUMENTS/AnnualReports/1979_80AnnualReport/AR79-80_103.pdf	Table 1: Ampelisca as actice suspended detritus feeder	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Sub surface filter feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	passive suspension feeder active suspension feeder surface deposit feeder sub surface deposit feeder	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Feeding type	Sub surface filter feeder	2	WORMS	http://www.marinespecies.org/index.php	detritus feeder suspension feeder	
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Mobility	Fixed tubes	3	Raymond et al 2021			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Reworking	surficial modifiers	3	NIVA traits database			
233384	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca tenuicornis	Reworking	surficial modifiers	3	Raymond et al 2021			
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Feeding type	Deposit feeder	2	Clare et al 2022			
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Feeding type	Sub surface filter feeder	2	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	6 Ampelisca species regarded domicolous (tube building)	
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Feeding type	Sub surface filter feeder	2	Riisgard 2015	ISBN: 978-0199797028	Amphipods are usually active filter feeders	
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Feeding type	Sub surface filter feeder	2	Esposito et al. 2015	https://doi.org/10.1007/s12526-014-0285-5	and selective detritus feeding in species that are considered suspension feeders, as A. macrocephala (Grebmeier and McRoy 1989).	
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Feeding type	Sub surface filter feeder	2	Word 1979	SCCWRP num. 1980.06 , ftp://ftp.sccwrp.org/pub/download/DOCUMENTS/AnnualReports/1979_80AnnualReport/AR79-80_103.pdf	Table 1: Ampelisca as actice suspended detritus feeder	
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Mobility	Fixed tubes	3	Queiros AM et al 2013			

234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Reworking	surficial modifiers	3	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	Table 1: Ampelisca typica regarded as domicolous (tube building)	
234284	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampelisca typica	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Feeding type	Deposit feeder	2	Clare et al 2022			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Feeding type	Sub surface filter feeder	2	Expert judgement Mats Blomqvist based on other taxa in this taxa			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
2001665	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Ampeliscidae	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on other taxa in this taxa			
234287	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tenuis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
234287	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tenuis	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
234287	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tenuis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
234287	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tenuis	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
234287	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tenuis	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
233497	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tubicola	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
233497	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tubicola	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
233497	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tubicola	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on species living as a filter feeder in surface tubes			
233497	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tubicola	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233497	Arthropoda	Malacostraca	Amphipoda	Ampeliscidae	Haploops tubicola	Reworking	surficial modifiers	3	Queiros AM et al 2013			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Feeding type	Deposit feeder	3	Clare et al 2022			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Feeding type	Deposit feeder	3	Nasi et al 2020			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Mobility	slow movement through sediment	3	Nasi et al 2020			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Reworking	epifauna	3	Nasi et al 2020			
243537	Arthropoda	Malacostraca	Amphipoda	Aoridae	Microdeutopus anomalus	Reworking	epifauna	3	Queiros AM et al 2013			
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Burrow type	Epifauna, internal irrigation	3	Brix et al. 2018	https://dx.doi.org/10.3897%2Fzookeys.731.19854	In the southern Bay of Biscay, A. hamatipes was collected with a suprabenthic sledge on sandy and muddy sand bottoms of the continental shelf (31-179 m), with a decreasing frequency of occurrence with depth (Sorbe 1984) and also at bathyal depths (711-10	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Burrow type	Epifauna, internal irrigation	3	Buhl-Jensen and Fossa 1991	https://doi.org/10.1007/BF01319393	Listes as a species in a paper on Hyperbenthic crustacean fauna	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Burrow type	Epifauna, internal irrigation	3	Seinta-Marie and Brunel 1985	https://doi.org/10.3354/meps023057	Paper about suprabenthos (swimming and also found on bottom) One might suspect that the 3 species with the lowest frequencies in the coarse-mesh shrimp net - Bathymedon obtusifrons, Argissa hamatipes and Orchomenella pinguis - have been undersampled becau	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Feeding type	Deposit feeder	3	Wildish & Peer 1983	https://doi.org/10.1139/f83-292	deposit feeder	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Feeding type	Deposit feeder	3	Clare et al 2022			
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Injection pocket depth	0-2 cm	3	Buhl-Jensen and Fossa 1991	https://doi.org/10.1007/BF01319393	Listes as a species in a paper on Hyperbenthic crustacean fauna	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Injection pocket depth	0-2 cm	3	Seinta-Marie and Brunel 1985	https://doi.org/10.3354/meps023057	Paper about suprabenthos (swimming and also found on bottom) One might suspect that the 3 species with the lowest frequencies in the coarse-mesh shrimp net - Bathymedon obtusifrons, Argissa hamatipes and Orchomenella pinguis - have been undersampled becau	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Injection pocket depth	0-2 cm	3	Brix et al. 2018	https://dx.doi.org/10.3897%2Fzookeys.731.19854	In the southern Bay of Biscay, A. hamatipes was collected with a suprabenthic sledge on sandy and muddy sand bottoms of the continental shelf (31-179 m), with a decreasing frequency of occurrence with depth (Sorbe 1984) and also at bathyal depths (711-10	
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233392	Arthropoda	Malacostraca	Amphipoda	Argissidae	Argissa hamatipes	Reworking	surficial modifiers	3	Jones 1948	https://doi.org/10.1017/S0025315400025455	Probably burrowing in fine or coarse deposits containing mud. I.O.M.: 15-38m., on mixed grounds, rare	
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Feeding type	Deposit feeder	3	Clare et al 2022			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Feeding type	Deposit feeder	3	Clare et al 2022			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Feeding type	Deposit feeder	3	Wrede A et al 2018			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243511	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia pelagica	Reworking	surficial modifiers	3	Queiros AM et al 2013			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Feeding type	Deposit feeder	3	Clare et al 2022			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Feeding type	Deposit feeder	3	Wrede A et al 2018			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Feeding type	Deposit feeder	3	Clare et al 2022			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243621	Arthropoda	Malacostraca	Amphipoda	Bathyporeiidae	Bathyporeia sarsi	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Volbehr & Rachor 1997	https://doi.org/10.1007/978-94-017-1907-0_8	. It is not accidentally living on both Ophiura species, but regularly, for longer terms and in high numbers	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Volbehr & Rachor 1997	https://doi.org/10.1007/978-94-017-1907-0_8	In this area Pariambus typicus inermis has been found to be a regular associate of both Ophiura species (Figure 1).	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Hayward & Ryland 1995	ISBN-10: 019854054X; ISBN-13: 978-0198540540	on coarse sandy substrata, but often found on the aboral surface of the starfish Asterias rubens and Crossaster papposus	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Volbehr & Rachor 1997	https://doi.org/10.1007/978-94-017-1907-0_8	Pariambus typicus (Krĳzyer, 1844) is a common associate of subtidal asteroids and echinoids in European seas, but has also been found free-living on the sea floor. I	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Jones 1970	https://doi.org/10.1163/156854070X00662	Pariambus typicus distributed on the starfish Asteria rubens	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Deposit feeder	2	Guerra-Garcia and de Figueroa 2009	https://doi.org/10.1007/s00227-009-1220-3	These three species together with Pariambus typicus, Metaprotella sandalensis, Deutella vemae, Caprella decipiens and Thorina elongata, formed a subgroup including species with a mixed diet consisting mainly on detritus but also on small crustaceans and p	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Deposit feeder	2	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	subsurface deposit feeder	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Predator	1	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: predator	

233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Predator	1	Guerra-García and de Figueroa 2009	https://doi.org/10.1007/s00227-009-1220-3	These three species together with Pariambus typicus, Metaprotella sandalensis, Deutella vemae, Caprella decipiens and Thorina elongata, formed a subgroup including species with a mixed diet consisting mainly on detritus but also on small crustaceans and p	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Surface filter feeder	1	Wrede A et al 2018			
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Feeding type	Surface filter feeder	1	Guerra-García, J. M., Corzo, J., & García-Gómez, J. C. (2002). Clinging behaviour of the Caprellidea (Amphipoda) from the Strait of Gibraltar. CRUSTACEANA-INTERNATIONAL JOURNAL OF CRUSTACEAN RESEARCH-, 75(1), 41-50.		Within the upright group we may distinguish three subgroups. The first one comprises Caprella equilibra and Pariambus typicus, which feed mainly by filtering, and which also frequently use grooming behaviour.	
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Mobility	Limited movement	3	Queiros AM et al 2013			
233576	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pariambus typicus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Feeding type	Predator	3	Nasi et al 2020			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Feeding type	Predator	3	Clare et al 2022			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Mobility	Limited movement	3	Queiros AM et al 2013			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233600	Arthropoda	Malacostraca	Amphipoda	Caprellidae	Pseudoprotella phasma	Reworking	surficial modifiers	3	Nasi et al 2020			
1009300	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on Beachard et al 2022: Surficial (or intermitently burried)			
1009300	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus	Feeding type	Deposit feeder	3	Clare et al 2022			
1009300	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Beachard et al 2022: Surficial (or intermitently burried)			
1009300	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1009300	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233430	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus sundevallii	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on Beachard et al 2022: Surficial (or intermitently burried)			
233430	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus sundevallii	Feeding type	Deposit feeder	3	Clare et al 2022			
233430	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus sundevallii	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Beachard et al 2022: Surficial (or intermitently burried)			
233430	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus sundevallii	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233430	Arthropoda	Malacostraca	Amphipoda	Cheirocratidae	Cheirocratus sundevallii	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Burrow type	Open irrigation	3	Meadows & Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	doi:10.1111/j.1469-7998.1966.tb03013.x	Page 392: It is probable that the burrow is progressively deepened while the animal inhabits it, since initially the burrow is a shallow semicircular tube, yet well-established ones are often up to 5 cm or more deep. In sand the intact burrows are semicir	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Feeding type	Deposit feeder	3	Meadows & Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	10.1111/j.1469-7998.1966.tb03013.x	Page 397: C.volutator do not appear to feed while on the surface, but rake detritus into the burrow with the second antennae, and there sift it and reject inedible matter	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Injection pocket depth	2-5 cm	2	Meadows & Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	10.1111/j.1469-7998.1966.tb03013.x	Page 392: It is probable that the burrow is progressively deepened while the animal inhabits it, since initially the burrow is a shallow semicircular tube yet well-established ones are often up to 5 cm or more deep. In sand the intact burrows are semicirc	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Injection pocket depth	5-10 cm	2	K. Thomas Jensen; Lisbet D. Kristensen (1990). A field experiment on competition between Corophium volutator (Pallas) and Corophium arenarium Crawford (Crustacea:Amphipoda): effects on survival, reproduction and recruitment. J. Exp. Mar. Biol. Ecol. 137:0	10.1016/0022-0981(90)90057-j	Page 2: C. volutator belong to the infauna that inhabit U-shaped burrows in the upper 5-10-cm sediment layer.	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Mobility	free movement via burrow system	3	Meadows & Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	10.1111/j.1469-7998.1966.tb03013.x	Page 387: Individuals can turn about in permanent burrows.	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Reworking	surficial modifiers	2	Meadows; Alison Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	10.1111/j.1469-7998.1966.tb03013.x	Page 392: After a burrow has been in existence for a few days, a circle of scrape marks radiates for several millimetres around both openings. Page 397: Animals do not appear to feed while on the surface, but rake detritus into the burrow with the second	
233437	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Corophium volutator	Reworking	upward and downward conveyors	2	Meadows; Alison Reid (1966). The behaviour of Corophium volutator (Crustacea: Amphipoda). J. Zool., Lond. 150:387-399	10.1111/j.1469-7998.1966.tb03013.x	Page 390: Burrowing - When the entire body is submerged the pleopods beat very rapidly, driving the animal further into the mud. A fountain of particles streams out of the newly formed opening. Page 395: When an animal sets up a respiratory current throug	
243512	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Crassicorophium crassicorne	Burrow type	Open irrigation	3	Queiros et al 2013	10.1002/ece3.769	BPc: MI4 + RI2	
243512	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Crassicorophium crassicorne	Feeding type	Deposit feeder	3	Clare et al 2022			
243512	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Crassicorophium crassicorne	Injection pocket depth	0-2 cm	3	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	surficial modifiers	
243512	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Crassicorophium crassicorne	Mobility	free movement via burrow system	3	Querios et al. 2013			
243512	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Crassicorophium crassicorne	Reworking	surficial modifiers	3	Querios et al. 2013			
233438	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Medicorophium affine	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on other taxa in Corphiidae			
233438	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Medicorophium affine	Feeding type	Deposit feeder	3	Clare et al 2022			
233438	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Medicorophium affine	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in Corphiidae			
233438	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Medicorophium affine	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
233438	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Medicorophium affine	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Burrow type	Epifauna, internal irrigation	1	Nair & Anger, 1979	Helgoländer wiss. Meeresunters. 32, 279-294 (1979)	normally suspension feeds inside its (epifaunal) parchment-like tube by creating a current	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Burrow type	Open irrigation	2	Moraes et al 2018	10.1007/s10750-018-3639-3	dense U-shaped burrow network extended over the upper c. 3 to 6 cm	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Feeding type	Deposit feeder	2	Miller 1984	https://doi.org/10.1016/0022-0981(84)90139-4	Size selection in surface-deposit-feeding Corophium (Fig. 4) follows the same pattern as in suspension-feeding,	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Feeding type	Surface filter feeder	1	Prato & Biandolino 2006	https://doi.org/10.1007/s00128-006-1024-9	Monocorophium insidiosum is a tube-dwelling amphipod that lives in the brackish and estuarine water og the infralittoral zone and feeds both on sediment and suspendes particulate matter.	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Injection pocket depth	2-5 cm	3	Moraes et al 2018	10.1007/s10750-018-3639-3	dense U-shaped burrow network extended over the upper c. 3 to 6 cm	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Mobility	free movement via burrow system	3	Carpintero Moraes, P., Zilius, M., Benelli, S., & Bartoli, M. (2018). Nitrification and denitrification in estuarine sediments with tube-dwelling benthic animals. Hydrobiologia, 819, 217-230.	10.1007/s10750-018-3639-3	Fig 4 right graph	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Mobility	free movement via burrow system	3	Nair, K. K. C., & Anger, K. (1979). Life cycle of Corophium insidiosum (Crustacea, Amphipoda) in laboratory culture. Helgoländer Wissenschaftliche Meeresuntersuchungen, 32, 279-294.	10.1007/BF02189586	According to these experiments and direct observations, C. insidiosum is an omnivorous particle feeder. It was never observed hunting prey, but normally suspension-feeding inside its tube by means of creating a current. ..... C. insidiosum is able to tu	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Reworking	epifauna	1	Nair & Anger, 1979	Helgoländer wiss. Meeresunters. 32, 279-294 (1979)	normally suspension feeds inside its (epifaunal) parchment-like tube by creating a current	
233439	Arthropoda	Malacostraca	Amphipoda	Corophiidae	Monocorophium insidiosum	Reworking	surficial modifiers	2	Queiros AM et al 2013			
233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Feeding type	Deposit feeder	3	Clare et al 2022			

233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Feeding type	Deposit feeder	3	Nasi et al 2020			
233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233443	Arthropoda	Malacostraca	Amphipoda	Dexaminidae	Dexamine spinosa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Burrow type	Epifauna, internal irrigation	3	Mattson, S., & Cedhagen, T. (1989). Aspects of the behaviour and ecology of Dyopedos monacanthus (Metzger) and D. porrectus Bate, with comparative notes on Dulichia tuberculata Boeck (Crustacea: Amphipoda: Podoceridae). Journal of Experimental Marine Biol	10.1016/0022-0981(89)90078-6	Dyopedos monacanthus (Metzger) and D. porrectus Bate secrete numerous threads of mucus from special setae and a solid spinning thread from each of the pereopods 3-4. The threads are used for the construction of a mast-like structure on the bottom out of s	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Feeding type	Surface filter feeder	3	Mattson, S., & Cedhagen, T. (1989). Aspects of the behaviour and ecology of Dyopedos monacanthus (Metzger) and D. porrectus Bate, with comparative notes on Dulichia tuberculata Boeck (Crustacea: Amphipoda: Podoceridae). Journal of Experimental Marine Biol	10.1016/0022-0981(89)90078-6	Dyopedos monacanthus (Metzger) and D. porrectus Bate secrete numerous threads of mucus from special setae and a solid spinning thread from each of the pereopods 3-4. The threads are used for the construction of a mast-like structure on the bottom out of s	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Feeding type	Surface filter feeder	3	Thiel, M. (1998). Extended parental care in marine amphipods. I. Juvenile survival without parents. Journal of Experimental Marine Biology and Ecology, 227(2), 187-201.		Page 189: Dyopedos monacanthus (Metzger 1875) is an epibenthic amphipod that constructs mud whips (Mattson and Cedhagen, 1989) which it utilizes as vantage points for suspension-feeding (sensu Moore and Earll, 1985). Female D. monacanthus host their offsp	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Injection pocket depth	0-2 cm	3	Mattson, S., & Cedhagen, T. (1989). Aspects of the behaviour and ecology of Dyopedos monacanthus (Metzger) and D. porrectus Bate, with comparative notes on Dulichia tuberculata Boeck (Crustacea: Amphipoda: Podoceridae). Journal of Experimental Marine Biol	10.1016/0022-0981(89)90078-6	Dyopedos monacanthus (Metzger) and D. porrectus Bate secrete numerous threads of mucus from special setae and a solid spinning thread from each of the pereopods 3-4. The threads are used for the construction of a mast-like structure on the bottom out of s	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Mobility	Fixed tubes	3	Thiel, M. (1998). Extended parental care in marine amphipods. I. Juvenile survival without parents. Journal of Experimental Marine Biology and Ecology, 227(2), 187-201.		Page 189: Dyopedos monacanthus (Metzger 1875) is an epibenthic amphipod that constructs mud whips (Mattson and Cedhagen, 1989) which it utilizes as vantage points for suspension-feeding (sensu Moore and Earll, 1985). Female D. monacanthus host their offsp	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Mobility	Fixed tubes	3	Mattson, S., & Cedhagen, T. (1989). Aspects of the behaviour and ecology of Dyopedos monacanthus (Metzger) and D. porrectus Bate, with comparative notes on Dulichia tuberculata Boeck (Crustacea: Amphipoda: Podoceridae). Journal of Experimental Marine Biol	10.1016/0022-0981(89)90078-6	Dyopedos monacanthus (Metzger) and D. porrectus Bate secrete numerous threads of mucus from special setae and a solid spinning thread from each of the pereopods 3-4. The threads are used for the construction of a mast-like structure on the bottom out of s	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Reworking	epifauna	3	Mattson, S., & Cedhagen, T. (1989). Aspects of the behaviour and ecology of Dyopedos monacanthus (Metzger) and D. porrectus Bate, with comparative notes on Dulichia tuberculata Boeck (Crustacea: Amphipoda: Podoceridae). Journal of Experimental Marine Biol	10.1016/0022-0981(89)90078-6	Dyopedos monacanthus (Metzger) and D. porrectus Bate secrete numerous threads of mucus from special setae and a solid spinning thread from each of the pereopods 3-4. The threads are used for the construction of a mast-like structure on the bottom out of s	
1009310	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos	Reworking	epifauna	3	Thiel, M. (1998). Extended parental care in marine amphipods. I. Juvenile survival without parents. Journal of Experimental Marine Biology and Ecology, 227(2), 187-201.		Page 189: Dyopedos monacanthus (Metzger 1875) is an epibenthic amphipod that constructs mud whips (Mattson and Cedhagen, 1989) which it utilizes as vantage points for suspension-feeding (sensu Moore and Earll, 1985). Female D. monacanthus host their offsp	
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Burrow type	Epifauna, internal irrigation	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom...serves Dyopedos to reach a higher level with more rapid current	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Feeding type	Surface filter feeder	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom...feeds mainly on seston, which it sieves from the current with its richly setose antennae.	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Injection pocket depth	0-2 cm	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	on clayey sediment surface...begins to make the base of a mast by digging into the sediment and spinning subsurface sediment together (In environments of stronger current seston and faeces rather that deposited material used)	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Mobility	Fixed tubes	3	Thiel, M. (1998). Extended parental care in marine amphipods. I. Juvenile survival without parents. Journal of Experimental Marine Biology and Ecology, 227(2), 187-201.		Page 189: Dyopedos monacanthus (Metzger 1875) is an epibenthic amphipod that constructs mud whips (Mattson and Cedhagen, 1989) which it utilizes as vantage points for suspension-feeding (sensu Moore and Earll, 1985). Female D. monacanthus host their offsp	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Mobility	Fixed tubes	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom out of sediment, seston, and faecal pellets	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Reworking	epifauna	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom out of sediment, seston, and faecal pellets	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233444	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos monacanthus	Reworking	epifauna	3	Thiel, M. (1998). Extended parental care in marine amphipods. I. Juvenile survival without parents. Journal of Experimental Marine Biology and Ecology, 227(2), 187-201.		Page 189: Dyopedos monacanthus (Metzger 1875) is an epibenthic amphipod that constructs mud whips (Mattson and Cedhagen, 1989) which it utilizes as vantage points for suspension-feeding (sensu Moore and Earll, 1985). Female D. monacanthus host their offsp	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233445	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos porrectus	Burrow type	Epifauna, internal irrigation	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom...serves Dyopedos to reach a higher level with more rapid current	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233445	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos porrectus	Feeding type	Surface filter feeder	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom...feeds mainly on seston, which it sieves from the current with its richly setose antennae.	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233445	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos porrectus	Injection pocket depth	0-2 cm	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	On a clayey sediment surface...begins to make the base of a mast by digging into the sediment and spinning subsurface sediment together (In environments of stronger current seston and faeces rather that deposited material used)	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233445	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos porrectus	Mobility	Fixed tubes	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom out of sediment, seston, and faecal pellets	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233445	Arthropoda	Malacostraca	Amphipoda	Dulichiidae	Dyopedos porrectus	Reworking	epifauna	3	Mattson & Cedhagen 1989	10.1016/0022-0981(89)90078-6	construction of a mast-like structure on the bottom out of sediment, seston, and faecal pellets	Mattson & Cedhagen 1989 write that the 2 spp D. porrectus and monacanthus have similar behaviour. D. monacanthus maybe more common on finer sediments, D. porrectus where currents are stronger
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Feeding type	Deposit feeder	3	Raymond et al 2021			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Feeding type	Deposit feeder	3	Buhl-Mortensen, L., 1996. Amphipod fauna along an offshore-fjord gradient. Journal of Natural History 30, 23–49	https://doi.org/10.1080/00222939600770031	Buried detritivore; feeds on detritus	
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Injection pocket depth	5-10 cm	3	Buhl-Mortensen, L., 1996. Amphipod fauna along an offshore-fjord gradient. Journal of Natural History 30, 23–49	https://doi.org/10.1080/00222939600770031	Eriopsa elongata which digs tunnels several centimetres down in the sediment	

233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Mobility	free movement via burrow system	2	Buhl-Mortensen, L., 1996. Amphipod fauna along an offshore-fjord gradient. Journal of Natural History 30, 23–49	https://doi.org/10.1080/00222939600770031	Eriopsa elongata which digs tunnels several centimetres down in the sediment	
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Mobility	free movement via burrow system	2	Raymond et al 2021			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Mobility	Limited movement	1	Queiros AM et al 2013			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Reworking	biodiffusors	2	Raymond et al 2021			
233477	Arthropoda	Malacostraca	Amphipoda	Eriopisidae	Eriopisa elongata	Reworking	surficial modifiers	1	Queiros AM et al 2013			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Feeding type	Deposit feeder	2	Raymond et al 2021			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Leucothoe incisa regarded as selective deposit feeder	
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Feeding type	Predator	2	Thomas & Klebba 2007	ISSN 1175-5326 (Print Edition) & ISSN 1175-5334 (Online Edition)	Leucothoids are of scientific interest for their unusual ecology as commensal inhabitants of sessile invertebrates such as sponges, sea squirts, and bivalves.	
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Mobility	slow movement through sediment	3	Raymond et al 2021			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Reworking	surficial modifiers	3	Raymond et al 2021			
233532	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe lilljeborgii	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Burrow type	Blind ended irrigation	1	Expert judgement Mats Blomqvist based on L. Lilljeborgii			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Feeding type	Deposit feeder	3	Clare et al 2022			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Feeding type	Deposit feeder	3	Clare et al 2022			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on L. Lilljeborgii			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233531	Arthropoda	Malacostraca	Amphipoda	Leucothoidae	Leucothoe spinicarpa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Feeding type	Predator	3	Clare et al 2022			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Feeding type	Predator	3	Nasi et al 2020			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Feeding type	Predator	3	Raymond et al 2021			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Mobility	slow movement through sediment	3	Raymond et al 2021			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2001651	Arthropoda	Malacostraca	Amphipoda	Lysianassidae	Lysianassidae	Reworking	surficial modifiers	3	Raymond et al 2021			
233535	Arthropoda	Malacostraca	Amphipoda	Maeridae	Maera loveni	Burrow type	Open irrigation	3	Atkinson, R. J. A., Moore, P. G., & Morgan, P. J. (1982). The burrows and burrowing behaviour of Maera loveni (Crustacea: Amphipoda). Journal of Zoology, 198(4), 399-416.	10.1111/jzo.1982.198.4.399	See plates in paper	
233535	Arthropoda	Malacostraca	Amphipoda	Maeridae	Maera loveni	Feeding type	Deposit feeder	3	Clare et al 2022			
233535	Arthropoda	Malacostraca	Amphipoda	Maeridae	Maera loveni	Injection pocket depth	> 10 cm	3	Atkinson, R. J. A., Moore, P. G., & Morgan, P. J. (1982). The burrows and burrowing behaviour of Maera loveni (Crustacea: Amphipoda). Journal of Zoology, 198(4), 399-416.	10.1111/jzo.1982.198.4.399	Table I	
233535	Arthropoda	Malacostraca	Amphipoda	Maeridae	Maera loveni	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233535	Arthropoda	Malacostraca	Amphipoda	Maeridae	Maera loveni	Reworking	surficial modifiers	3	Queiros AM et al 2013			
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on Maera loveni			
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Feeding type	Deposit feeder	3	Clare et al 2022			
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Feeding type	Deposit feeder	3	Wilding, T., Black, K., & Hughes, D. (2017). SARF098C: PAMP Refreshment Study - The association between emamectin benzoate use and crustacean assemblages around Scottish fish-farms. Scottish Aquaculture Research Forum.	http://www.sarf.org.uk/Project%20Final%20Reports/SARF098C.pdf	Off western Scotland, Maera loveni is a burrower in subtidal muds (Atkinson et al. 1982). On the basis of this single study, maerids are here classed as sedentary infaunal deposit-feeders. Development is direct.	
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on Maera loveni			
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243640	Arthropoda	Malacostraca	Amphipoda	Maeridae	Othomaera othonis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233393	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Arrhis phyllonyx	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233393	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Arrhis phyllonyx	Feeding type	Deposit feeder	3	Raymond et al 2021			
233393	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Arrhis phyllonyx	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233393	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Arrhis phyllonyx	Mobility	slow movement through sediment	3	Raymond et al 2021			
233393	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Arrhis phyllonyx	Reworking	surficial modifiers	3	Raymond et al 2021			
233405	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Bathymedon longimanus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233405	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Bathymedon longimanus	Feeding type	Deposit feeder	3	Raymond et al 2021			
233405	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Bathymedon longimanus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233405	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Bathymedon longimanus	Mobility	slow movement through sediment	3	Raymond et al 2021			
233405	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Bathymedon longimanus	Reworking	surficial modifiers	3	Raymond et al 2021			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Feeding type	Deposit feeder	3	Raymond et al 2021			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Mobility	slow movement through sediment	3	Raymond et al 2021			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233548	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Kroyera carinata	Reworking	surficial modifiers	3	Raymond et al 2021			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Feeding type	Deposit feeder	3	Raymond et al 2021			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Feeding type	Deposit feeder	3	Clare et al 2022			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Mobility	slow movement through sediment	3	Raymond et al 2021			
233549	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Monoculodes packardi	Reworking	surficial modifiers	3	Raymond et al 2021			
2001681	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Oedicerotidae	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
2001681	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Oedicerotidae	Feeding type	Deposit feeder	3	Raymond et al 2021			
2001681	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Oedicerotidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2001681	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Oedicerotidae	Mobility	slow movement through sediment	3	Raymond et al 2021			
2001681	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Oedicerotidae	Reworking	surficial modifiers	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Feeding type	Deposit feeder	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Mobility	slow movement through sediment	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Reworking	surficial modifiers	3	Raymond et al 2021			
233608	Arthropoda	Malacostraca	Amphipoda	Oedicerotidae	Westwoodilla caecula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Burrow type	Epifauna, internal irrigation	3	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	mainly epibenthic but can be pelagic	
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Feeding type	Deposit feeder	2	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	omnivorous benthic diet - the majority of guts contained microalgae, plant remains, detritus, pollen, mineral grains	
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Feeding type	Predator	2	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	omnivorous benthic diet, with emphasis on zooplankton	
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Injection pocket depth	0-2 cm	3	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	mainly epibenthic but can be pelagic	
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Mobility	Limited movement	3	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	mainly epibenthic but can be pelagic (ie. limited contact with sediment)`	
233571	Arthropoda	Malacostraca	Amphipoda	Pallaseidae	Pallaseopsis quadrispinosa	Reworking	epifauna	3	Hill 1988	10.1111/j.1600-0587.1988.tb00813.x	mainly epibenthic but can be pelagic	

1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Burrow type	Epifauna, internal irrigation	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Feeding type	Deposit feeder	3	Clare et al 2022			
1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Feeding type	Deposit feeder	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Injection pocket depth	0-2 cm	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1009381	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Burrow type	Epifauna, internal irrigation	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Feeding type	Deposit feeder	3	Word 1979	SCCWRP num. 1980.06 , ftp://ftp.sccwrp.org/pub/download/DOCUMENTS/AnnualReports/1979_80AnnualReport/AR79-80_103.pdf	page 114: Photis sp with similar feeding mechanism as Corophium sp: scrapping food particles with antennae to tube/burrow and then selecting with mouthparts	
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Photis longicaudata regarded detritivore	
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Feeding type	Deposit feeder	3	de-la-Ossa-Carretero et al. 2012	https://doi.org/10.1016/j.ecss.2011.10.020	Table 1: two Photis species regarded filter and deposit feeder	
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Feeding type	Deposit feeder	3	Clare et al 2022			
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Injection pocket depth	0-2 cm	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233586	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis longicaudata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Burrow type	Epifauna, internal irrigation	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Feeding type	Deposit feeder	3	Clare et al 2022			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Feeding type	Deposit feeder	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Injection pocket depth	0-2 cm	3	Word, J.Q., 1981. Classification of benthic invertebrates into infaunal trophic index feeding groups, in: Bascom, W. (Ed.), Southern California Coastal Water Research Project 1979-80 Biennial Report, Southern California Coastal Water Research Project. Lon			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Mobility	Fixed tubes	3	Queiros AM et al 2013			
233587	Arthropoda	Malacostraca	Amphipoda	Photidae	Photis reinhardi	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Burrow type	Blind ended irrigation	3	Scipione, M. B. (2013). Do studies of functional groups give more insight to amphipod biodiversity?. Crustaceana, 86(7-8), 955-1006.	https://www.jstor.org/stable/23524833	The Phoxocephalidae Harpinia species are infaunal free-burrowing forms, most of the time living inside the sediment and feeding on buried detritus (Enequist, 1949).	
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Feeding type	Deposit feeder	2	Guerra-García, J. M., De Figueroa, J. T., Navarro-Barranco, C., Ros, M., Sánchez-Moyano, J. E., & Moreira, J. (2014). Dietary analysis of the marine Amphipoda (Crustacea: Peracarida) from the Iberian Peninsula. Journal of Sea Research, 85, 508-517.	10.1016/j.seares.2013.08.006	Enequist (1949) reported that Harpinia antennaria and Harpinia crenulata are subsurface deposit feeders, and pointed out that males, after reaching maturity, probably ingest no food and soon die. However, Oakden (1984) indicated that phoxocephalids are pr	
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Feeding type	Deposit feeder	2	Clare et al 2022			
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Feeding type	Deposit feeder	2	Miskov-Nodland, K., Buhl-Mortensen, L., & Høisæter, T. (1999). Has the fauna in the deeper parts of the Skagerrack changed?: A comparison of the present amphipod fauna with observations from 1933/37. Sarsia, 84(2), 137-155.	10.1080/00364827.1999.10420441	burrowing detritivores Harpinia pectinata and H. crenulata	
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Feeding type	Predator	2	Navarro-Barranco et al. 2013	https://doi.org/10.1016/j.seares.2012.12.011	The three studied species which were found inside and outside the caves, H. crenulata, H. pectinata, and P. longimanus, were carnivorous	
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Feeding type	Predator	2	Guerra-García, J. M., De Figueroa, J. T., Navarro-Barranco, C., Ros, M., Sánchez-Moyano, J. E., & Moreira, J. (2014). Dietary analysis of the marine Amphipoda (Crustacea: Peracarida) from the Iberian Peninsula. Journal of Sea Research, 85, 508-517.	10.1016/j.seares.2013.08.006	Enequist (1949) reported that Harpinia antennaria and Harpinia crenulata are subsurface deposit feeders, and pointed out that males, after reaching maturity, probably ingest no food and soon die. However, Oakden (1984) indicated that phoxocephalids are pr	

1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on species in this genus			
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1009332	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Feeding type	Deposit feeder	2	Raymond et al 2021			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder subssurface, grazer	
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Feeding type	Deposit feeder	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Group I included mostly selective SDF: the ophiuroid sA. chiajei and A. squamata, juveniles of C. macandreae and the polychaete Lumbrinereis sp., but also the cirriped S. scalpellum (ASF) and the amphipod Harpinia sp., which were classified as a species w	
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Feeding type	Deposit feeder	2	Wrede A et al 2018			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Feeding type	Predator	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Group I included mostly selective SDF: the ophiuroid sA. chiajei and A. squamata, juveniles of C. macandreae and the polychaete Lumbrinereis sp., but also the cirriped S. scalpellum (ASF) and the amphipod Harpinia sp., which were classified as a species w	
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Injection pocket depth	0-2 cm	2	Raymond et al 2021			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Mobility	slow movement through sediment	3	Raymond et al 2021			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233613	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia antennaria	Reworking	surficial modifiers	3	Raymond et al 2021			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Feeding type	Deposit feeder	2	Raymond et al 2021			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Feeding type	Deposit feeder	2	Miskov-Nodland, K., Buhl-Mortensen, L., & Høisæter, T. (1999). Has the fauna in the deeper parts of the Skagerrack changed?: A comparison of the present amphipod fauna with observations from 1933/37. Sarsia, 84(2), 137-155.	10.1080/00364827.1999.10420441	burrowing detritivores Harpinia pectinata and H. crenulata	
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Feeding type	Deposit feeder	2	De-la-Ossa-Carretero, J. A., Del-Pilar-Ruso, Y., Giménez-Casalduero, F., Sánchez-Lizaso, J. L., & Dauvin, J. C. (2012). Sensitivity of amphipods to sewage pollution. Estuarine, Coastal and Shelf Science, 96, 129-138.	10.1016/j.ecss.2011.10.020	subsurface deposit feeders	
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Feeding type	Predator	2	Navarro-Barranco et al. 2013	https://doi.org/10.1016/j.seares.2012.12.01 1	The three studied species which were found inside and outside the caves, H. crenulata, H. pectinata, and P. longimanus, were carnivorous	
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Mobility	slow movement through sediment	3	Raymond et al 2021			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233498	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia crenulata	Reworking	surficial modifiers	3	Raymond et al 2021			
243499	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia laevis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Harpinia crenulata			
243499	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia laevis	Feeding type	Deposit feeder	3	Clare et al 2022			
243499	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia laevis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Harpinia crenulata			
243499	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia laevis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243499	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia laevis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Harpinia crenulata			
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Feeding type	Deposit feeder	2	Clare et al 2022			
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Feeding type	Deposit feeder	2	Miskov-Nodland, K., Buhl-Mortensen, L., & Høisæter, T. (1999). Has the fauna in the deeper parts of the Skagerrack changed?: A comparison of the present amphipod fauna with observations from 1933/37. Sarsia, 84(2), 137-155.	10.1080/00364827.1999.10420441	burrowing detritivores Harpinia pectinata and H. crenulata	
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Feeding type	Deposit feeder	2	De-la-Ossa-Carretero, J. A., Del-Pilar-Ruso, Y., Giménez-Casalduero, F., Sánchez-Lizaso, J. L., & Dauvin, J. C. (2012). Sensitivity of amphipods to sewage pollution. Estuarine, Coastal and Shelf Science, 96, 129-138.	10.1016/j.ecss.2011.10.020	subsurface deposit feeders	
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Feeding type	Predator	2	Navarro-Barranco et al. 2013	https://doi.org/10.1016/j.seares.2012.12.01 1	The three studied species which were found inside and outside the caves, H. crenulata, H. pectinata, and P. longimanus, were carnivorous	
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Harpinia crenulata			
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
234286	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Harpinia pectinata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Feeding type	Deposit feeder	3	Raymond et al 2021			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Feeding type	Deposit feeder	3	Clare et al 2022			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Mobility	slow movement through sediment	3	Raymond et al 2021			
2001660	Arthropoda	Malacostraca	Amphipoda	Phoxocephalidae	Phoxocephalidae	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on other taxa in this family			
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Burrow type	Open irrigation	3	Lopez and Elmgren 1989	10.4319/lo.1989.34.6.0982	very active bioturbators - effectively mix the top few cm	
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Feeding type	Deposit feeder	3	Lopez and Elmgren 1989	10.4319/lo.1989.34.6.0982	Deposit feeding	
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Injection pocket depth	0-2 cm	2	Lopez and Elmgren 1989	10.4319/lo.1989.34.6.0982	mostly found 0-2cm in sediment	
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Injection pocket depth	2-5 cm	1	Lopez and Elmgren 1989	10.4319/lo.1989.34.6.0982	sometimes found 2-5cm in sediment	
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Mobility	slow movement through sediment	3	Querios et al. 2013			
233408	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Monoporeia affinis	Reworking	surficial modifiers	3	Querios et al. 2013			
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Burrow type	Blind ended irrigation	3	Elmgren et al 1986	https://www.jstor.org/stable/1939805	they disturb the sediment (through active bioturbation) and deepen the light, oxidized surface layer up to about 2cm depth (Fig 3b)	
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Feeding type	Deposit feeder	3	Lopez and Elmgren 1989	10.4319/lo.1989.34.6.0982	Feeding experiments with 14C-labelled phytodetritus: deposit feeders	
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Feeding type	Deposit feeder	3	Byrén et al 2002	10.1016/S0022-0981(02)00441-0	Feeding experiments with 14C-labelled phytodetritus: deposit feeders	
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Injection pocket depth	2-5 cm	3	Hill and Elmgren 1987	10.2307/3566029	depth distributions in sediment evaluated in field and lab: data shown in Figs 3+4	
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Injection pocket depth	2-5 cm	3	Byrén et al 2002	10.1016/S0022-0981(02)00441-0	feeding experiments with 14C at surface or between 0.5-3.5 subsurface: more food eaten subsurface (0.5-3.5cm) than at surface	
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Mobility	slow movement through sediment	3	Querios et al. 2013			
233409	Arthropoda	Malacostraca	Amphipoda	Pontoporeiidae	Pontoporeia femorata	Reworking	surficial modifiers	3	Querios et al. 2013			
233565	Arthropoda	Malacostraca	Amphipoda	Unciolidae	Neohela monstrosa	Burrow type	Blind ended irrigation	3	Buhl-Mortensen, L., Tandberg, A.H.S., Buhl-Mortensen, P., Gates, A.R. (2015) Behaviour and habitat of Neohela monstrosa (Boeck, 1861) (Amphipoda: Corophiida) in Norwegian Sea deep water. Journal of Natural History, 50:323-337.	10.1080/00222933.2015.1062152	The burrows often have a funnel-shaped upper part, 3–10 cm wide, with a horizontalside burrow occurring a couple of centimetres below the surrounding seabed surface(Figures 6a–c).	

233565	Arthropoda	Malacostraca	Amphipoda	Unciolidae	Neohela monstrosa	Feeding type	Deposit feeder	3	Buhl-Mortensen, L., Tandberg, A.H.S., Buhl-Mortensen, P., Gates, A.R. (2015) Behaviour and habitat of Neohela monstrosa (Boeck, 1861) (Amphipoda: Corophiida) in Norwegian Sea deep water. Journal of Natural History, 50:323-337.	10.1080/00222933.2015.1062152	Neohela monstrosanormally is positioned in the opening of its burrow, which isused for protection against predators, where it feeds on newly settled detritus thatit collects from the surface sediment through the use of its long antennae.	
233565	Arthropoda	Malacostraca	Amphipoda	Unciolidae	Neohela monstrosa	Injection pocket depth	0-2 cm	3	Buhl-Mortensen, L., Tandberg, A.H.S., Buhl-Mortensen, P., Gates, A.R. (2015) Behaviour and habitat of Neohela monstrosa (Boeck, 1861) (Amphipoda: Corophiida) in Norwegian Sea deep water. Journal of Natural History, 50:323-337.	10.1080/00222933.2015.1062152	The burrows often have a funnel-shaped upper part, 3–10 cm wide, with a horizontalside burrow occurring a couple of centimetres below the surrounding seabed surface(Figures 6a–c).	
233565	Arthropoda	Malacostraca	Amphipoda	Unciolidae	Neohela monstrosa	Mobility	free movement via burrow system	3	Buhl-Mortensen, L., Tandberg, A.H.S., Buhl-Mortensen, P., Gates, A.R. (2015) Behaviour and habitat of Neohela monstrosa (Boeck, 1861) (Amphipoda: Corophiida) in Norwegian Sea deep water. Journal of Natural History, 50:323-337.	10.1080/00222933.2015.1062152	The burrows often have a funnel-shaped upper part, 3-10 cm wide, with a horizontalside burrow occurring a couple of centimetres below the surrounding seabed surface(Figures 6 a-c). From the video observations, it is clear that the normal position for Neoh	
233565	Arthropoda	Malacostraca	Amphipoda	Unciolidae	Neohela monstrosa	Reworking	upward and downward conveyors	3	Buhl-Mortensen, L., Tandberg, A.H.S., Buhl-Mortensen, P., Gates, A.R. (2015) Behaviour and habitat of Neohela monstrosa (Boeck, 1861) (Amphipoda: Corophiida) in Norwegian Sea deep water. Journal of Natural History, 50:323-337.	10.1080/00222933.2015.1062152	We observed Neohela pushing and rolling sediment balls, which seem to be kept together by amphipod 'silk', out of its burrow	
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Urothoe poseidonis			
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Feeding type	Deposit feeder	3	Clare et al 2022			
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Feeding type	Deposit feeder	3	Clare et al 2022			
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Feeding type	Deposit feeder	3	Dekker, R. The Macrozoobenthos of the Subtidal Western Dutch Wadden Sea. I. Biomass and Species Richness. Netherlands Journal of Sea Research 23.1 (1989): 57-68. Web.		Shallow infauna deposit feeder	
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Injection pocket depth	0-2 cm	3	Dekker, R. The Macrozoobenthos of the Subtidal Western Dutch Wadden Sea. I. Biomass and Species Richness. Netherlands Journal of Sea Research 23.1 (1989): 57-68. Web.		Shallow infauna deposit feeder	
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
246874	Arthropoda	Malacostraca	Amphipoda	Urothoidae	Urothoe elegans	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Feeding type	Deposit feeder	3	Clare et al 2022			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Feeding type	Deposit feeder	3	Clare et al 2022			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1009292	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Burrow type	Blind ended irrigation	3	Dixon 1944	https://doi.org/10.1017/S0025315400014454	For Cumacea: In this way sand is scooped away from underneath the body and the animal sinks into the hollow thus formed. The posterior region of the thorax and the anterior region of the abdomen are buried first. The sand which has been shovelled away bec	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder; Sub-surface deposit feeder	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	Clare et al 2022			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	Clare et al 2022			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Diastylis bradyi regarded as selective deposit feeder	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	D. rathkei: Table 2: selective deposit feeder	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	D. bradyi, D. laevis, D. rathkei, D. rugosa: all regarded selective deposit feeder	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	They feed on micro-organisms and organic matter from the bottom deposit	
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233412	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis bradyi	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Feeding type	Deposit feeder	3	Raymond et al 2021			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Feeding type	Deposit feeder	3	Clare et al 2022			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Feeding type	Deposit feeder	3	Clare et al 2022			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Mobility	slow movement through sediment	3	Raymond et al 2021			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233415	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis cornuta	Reworking	surficial modifiers	3	Raymond et al 2021			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Feeding type	Deposit feeder	3	Clare et al 2022			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Feeding type	Deposit feeder	3	Clare et al 2022			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233413	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis goodsiri	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Burrow type	Blind ended irrigation	3	Dixon 1944	https://doi.org/10.1017/S0025315400014454	For Cumacea: In this way sand is scooped away from underneath the body and the animal sinks into the hollow thus formed. The posterior region of the thorax and the anterior region of the abdomen are buried first. The sand which has been shovelled away bec	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Diastylis laevis regarded as selective deposit feeder	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	Raymond et al 2021			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	surface and subsurface deposit feeder	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	WORMS	http://www.marinespecies.org/index.php	deposit feeder surface, suspension feeder	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	D. rathkei: Table 2: selective deposit feeder	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	D. bradyi, D. laevis, D. rathkei, D. rugosa: all regarded selective deposit feeder	
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Mobility	slow movement through sediment	3	Raymond et al 2021			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Reworking	surficial modifiers	3	Raymond et al 2021			
233414	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis laevis	Reworking	surficial modifiers	3	Queiros AM et al 2013			

233419	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis lucifera	Burrow type	Blind ended irrigation	3	Renz, J.R., Powilleit, M., Gogina, M., Zettler, M.L., Morys, C., Forster, S., 2018. Community bioirrigation potential (BIPc), an index to quantify the potential for solute exchange at the sediment-water interface. Marine Environmental Research 141, 214–22	https://doi.org/10.1016/j.marenvres.2018.09.013	Free living	
233419	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis lucifera	Feeding type	Deposit feeder	3	Clare et al 2022			
233419	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis lucifera	Injection pocket depth	0-2 cm	3	Renz, J.R., Powilleit, M., Gogina, M., Zettler, M.L., Morys, C., Forster, S., 2018. Community bioirrigation potential (BIPc), an index to quantify the potential for solute exchange at the sediment-water interface. Marine Environmental Research 141, 214–22	https://doi.org/10.1016/j.marenvres.2018.09.013	Mean effective burrowing depth 1-1.4 cm	
233419	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis lucifera	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233419	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis lucifera	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233410	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rathkei	Burrow type	Blind ended irrigation	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	Diastylis bradyi: BT3	for Diastylis bradyi, but agrees with other literature for D. rathkei
233410	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rathkei	Feeding type	Deposit feeder	3	Gogina and Zettler 2010	10.1016/j.seares.2010.04.005	Deposit feeding	For D. rathkei - and agrees with other literature for that species (e.g MarLIN, multiple refs to Forsman 1938)
233410	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rathkei	Injection pocket depth	0-2 cm	3	Wrede et al 2018	10.1016/j.ecolind.2018.04.026	Diastylis bradyi: ID1: 0-2 cm	for Diastylis bradyi, but agrees with other literature for D. rathkei
233410	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rathkei	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233410	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rathkei	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Burrow type	Blind ended irrigation	3	Dixon 1944	https://doi.org/10.1017/S0025315400014454	For Cumacea: In this way sand is scooped away from underneath the body and the animal sinks into the hollow thus formed. The posterior region of the thorax and the anterior region of the abdomen are buried first. The sand which has been shovelled away bec	
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Feeding type	Deposit feeder	3	Clare et al 2022			
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Feeding type	Deposit feeder	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	D. bradyi, D. laevis, D. rathkei, D. rugosa: all regarded selective deposit feeder	
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Feeding type	Deposit feeder	3	Clare et al 2022			
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Diastylis rugosa regarded as selective deposit feeder	
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	D. rathkei: Table 2: selective deposit feeder	
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233416	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis rugosa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Feeding type	Deposit feeder	3	Clare et al 2022			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Feeding type	Deposit feeder	3	Clare et al 2022			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233417	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastylis tumida	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Feeding type	Deposit feeder	3	Raymond et al 2021			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Feeding type	Deposit feeder	3	Clare et al 2022			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Feeding type	Deposit feeder	3	Clare et al 2022			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Mobility	Limited movement	3	Raymond et al 2021			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Mobility	Limited movement	3	Queiros AM et al 2013			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233421	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides biplicatus	Reworking	surficial modifiers	3	Raymond et al 2021			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Feeding type	Deposit feeder	3	Clare et al 2022			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Feeding type	Deposit feeder	3	Clare et al 2022			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Feeding type	Deposit feeder	3	Raymond et al 2021			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Mobility	slow movement through sediment	3	Raymond et al 2021			
233420	Arthropoda	Malacostraca	Cumacea	Diastylidae	Diastyloides serratus	Reworking	surficial modifiers	3	Raymond et al 2021			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Feeding type	Deposit feeder	3	Clare et al 2022			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Feeding type	Deposit feeder	3	Raymond et al 2021			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Feeding type	Deposit feeder	3	Clare et al 2022			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Mobility	slow movement through sediment	3	Raymond et al 2021			
233523	Arthropoda	Malacostraca	Cumacea	Diastylidae	Leptostylis longimana	Reworking	surficial modifiers	3	Raymond et al 2021			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Feeding type	Deposit feeder	3	Raymond et al 2021			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Mobility	slow movement through sediment	3	Raymond et al 2021			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Reworking	surficial modifiers	3	NIVA traits database			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233480	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella emarginata	Reworking	surficial modifiers	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Burrow type	Blind ended irrigation	3	Lavaleye 1984	https://www.strandwerkgemeenschap.nl/publicaties/swg_tabellen/SWG_26_Cumacea_van_Nederland.pdf	For Cumacea: Fig 4.	
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Feeding type	Deposit feeder	3	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: selective deposit feeding	
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Feeding type	Deposit feeder	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	surface and subsurface deposit feeder	
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Mobility	slow movement through sediment	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Reworking	surficial modifiers	3	Raymond et al 2021			
233479	Arthropoda	Malacostraca	Cumacea	Leuconidae	Eudorella truncatula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Feeding type	Deposit feeder	3	Raymond et al 2021			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Mobility	slow movement through sediment	3	Raymond et al 2021			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Reworking	surficial modifiers	3	Raymond et al 2021			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Reworking	surficial modifiers	3	NIVA traits database			
233526	Arthropoda	Malacostraca	Cumacea	Leuconidae	Leucon (Leucon) nasica	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Feeding type	Predator	3	Clare et al 2022			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Feeding type	Predator	3	Raymond et al 2021			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Mobility	slow movement through sediment	3	Raymond et al 2021			
233426	Arthropoda	Malacostraca	Cumacea	Nannastacidae	Campylaspis costata	Reworking	surficial modifiers	3	Raymond et al 2021			
102828	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocarides coronatus	Burrow type	Open irrigation	3	Brattegard, T. (1966). Ecological and biological notes on Calocarides coronatus (crustacea thalassinidea). Sarsia, 24(1), 45-52.	10.1080/00364827.1966.10409567	Viewed from the angle of morphology there is every reason to assume that Calocarides coronatus has a similar burrowing habit; in fact I have observed it making burrows similar to those of Calocaris macandreae when kept in an aquarium in which the bottom w	

102828	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocarides coronatus	Feeding type	Deposit feeder	3	Brattegard, T. (1966). Ecological and biological notes on Calocarides coronatus (crustacea thalassinidea). Sarsia, 24(1), 45-52.	10.1080/00364827.1966.10409567	It is not known what Calocarides eats in its natural habitat, but it is probably an exclusive mud eater like Calocaris macandreae (RUNNSTROM, 1925; ELMHIRST, 1935; BUCHANAN, 1963) because of morphological similarities of the mouth parts (WOLLEBIEK, 1909)	
102828	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocarides coronatus	Injection pocket depth	> 10 cm	3	Brattegard, T. (1966). Ecological and biological notes on Calocarides coronatus (crustacea thalassinidea). Sarsia, 24(1), 45-52.	10.1080/00364827.1966.10409567	Viewed from the angle of morphology there is every reason to assume that Calocarides coronatus has a similar burrowing habit; in fact I have observed it making burrows similar to those of Calocaris macandreae when kept in an aquarium in which the bottom w	
102828	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocarides coronatus	Mobility	free movement via burrow system	3	Expert judgement Mats Blomqvist based on similarity to Calocaris macandrea			
102828	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocarides coronatus	Reworking	biodiffusors	3	Expert judgement Mats Blomqvist based on similarity to Calocaris macandrea			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Burrow type	Open irrigation	3	Nash, R. D. M., Chapman, C. J., Atkinson, R. J. A., & Morgan, P. J. (1984). Observations on the burrows and burrowing behaviour of Calocaris macandreae (Crustacea: Decapoda: Thalassinoidea). Journal of Zoology, 202(3), 425-439.	10.1111/j.1469-7998.1984.tb05093.x	Fig 2 and Plate I shows burrow systems	
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Feeding type	Deposit feeder	2	Pinn, E. H., Atkinson, R. J. A., & Rogerson, A. (1998). The diet of two mud-shrimps, Calocaris macandreae and Upogebia stellata (Crustacea: Decapoda: Thalassinidea). Ophelia, 48(3), 211-223.	10.1080/00785236.1998.10426967	Calocaris macan- dreae is regarded primarily as a deposit feeder (Buchanan 1963) although other feeding strategies (scavenging, suspension feeding) have been suggested Calocaris macandreae is regarded primarily as a deposit feeder (Buchanan 1963) although	
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Feeding type	Deposit feeder	2	Clare et al 2022			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Feeding type	Deposit feeder	2	Clare et al 2022			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Feeding type	Predator	1	Clare et al 2022			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Feeding type	Predator	1	Nash et al 1984. Observations on the burrows and burrowing behaviour of Calocaris macandreae (Crustacea: Decapoda: Thalassinoidea). Journal of Zoology, London 202:425-439.	10.1111/j.1469-7998.1984.tb05093.x	Page 437: Calocaris macandreae do not emerge from their burrows very often to feed but they obtain food within their burrows and macrofauna can be taken into the burrow.	
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Injection pocket depth	> 10 cm	3	Nash, R. D. M., Chapman, C. J., Atkinson, R. J. A., & Morgan, P. J. (1984). Observations on the burrows and burrowing behaviour of Calocaris macandreae (Crustacea: Decapoda: Thalassinoidea). Journal of Zoology, 202(3), 425-439.	10.1111/j.1469-7998.1984.tb05093.x	Table I. Several burrows deeper than 10 cm	
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Reworking	biodiffusors	3	Queiros AM et al 2013			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Reworking	biodiffusors	3	NIVA traits database			
217826	Arthropoda	Malacostraca	Decapoda	Axiidae	Calocaris macandreae	Reworking	biodiffusors	3	Clare et al 2022			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Burrow type	Open irrigation	3	Wrede A et al 2018			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Burrow type	Open irrigation	3	Raymond et al 2021			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Stamhuis et al. 1996	https://doi.org/10.1016/0022-0981(96)02587-7	These arguments make filter feeding an unlikely trophic mode in C. subterranea.... We assume Callianassa subterranea to feed during burrowing,...All this is circumstantial evidence indicating that the main function of burrowing in C. subterrunea is mining fo	
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Raymond et al 2021			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Howe et al. 2004	https://doi.org/10.1017/S002531540400966Xh	The focus of this study was to investigate the impact upon the rate of sediment denitrifcation of two Thalassinidean species with contrasting behavioural characters; C. subterranea and Upogebia deltaura (Leach, 1815). Whilst both create extensive permanen	
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Stamhuis et al 1998	https://doi.org/10.1007/s002270050370	Callianassa subterranea, a benthic endofaunal thalassinid which is highly abundant in the central North Sea (de Wilde et al. 1984), is a deposit feeder spending almost 40% of its active time burrowing, and processing sediment (Stamhuis et al. 1996). This	
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Riisgard & Larsen 2005	https://doi.org/10.1007/s10452-004-1916-x	Callianassa subterranea is a sub-surface deposit feeder	
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Feeding type	Deposit feeder	3	Wrede A et al 2018			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Injection pocket depth	> 10 cm	2	Raymond et al 2021			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Mobility	free movement via burrow system	3	Raymond et al 2021			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Reworking	biodiffusors	3	Queiros AM et al 2013			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Reworking	biodiffusors	3	NIVA traits database			
102830	Arthropoda	Malacostraca	Decapoda	Callianassidae	Callianassa subterranea	Reworking	biodiffusors	3	Raymond et al 2021			
217805	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon allmanni	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist			
217805	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon allmanni	Feeding type	Predator	3	Clare et al 2022			
217805	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon allmanni	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist			
217805	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon allmanni	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217805	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon allmanni	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Burrow type	Blind ended irrigation	3	Pinn & Ansell 1993	https://doi.org/10.1017/S0025315400032926	Vertical burrowing normally involves some mechanism to increase the water-content of the sand below the animal in order to reduce this resistance. In C. crangon this function appears to be achieved primarily by the use of the pleopod	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Burrow type	Blind ended irrigation	3	Pinn & Ansell 1993	https://doi.org/10.1017/S0025315400032926	In the initial phase of burial in Crangon crangon, pleopod movement creates a water current which scours a furrow beneath the shrimp. This action may also exploit the thixotropic properties of the substratum (Freundlich & Roder, 1938), defined as a reduct	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Burrow type	Blind ended irrigation	3	Siegenthaler et al. 2018	https://doi.org/10.1038/s41598-018-21412-y	Keeping its eyes above the sediment37 allows the shrimp to continuously respond to light stimuli while buried, avoiding conspicuousness when emerging from the sediment	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Burrow type	Blind ended irrigation	3	Siegenthaler et al. 2018	https://doi.org/10.1038/s41598-018-21412-y	C. crangon live for the majority of the time submerged in temperate and turbid estuaries, almost completely buried in the sediment	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Burrow type	Blind ended irrigation	3	Siegenthaler et al. 2018	https://doi.org/10.1038/s41598-018-21412-y	Colour change is observed in the adults of this benthic shrimp6 (Fig. 1), which is surprising considering its lifestyle, with animals often found buried into the sediment, only eyes and antennae visible.	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: predator	
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Feeding type	Predator	3	Clare et al 2022			
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist			
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217806	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangon crangon	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2001555	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangonidae	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist			
2001555	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangonidae	Feeding type	Predator	3	Clare et al 2022			
2001555	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangonidae	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist			
2001555	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangonidae	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
2001555	Arthropoda	Malacostraca	Decapoda	Crangonidae	Crangonidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			

250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Burrow type	Open irrigation	3	Rice, A. L., & Chapman, C. J. (1971). Observations on the burrows and burrowing behaviour of two mud-dwelling decapod crustaceans, Nephrops norvegicus and Goneplax rhomboides. Marine Biology, 10, 330-342.	10.1007/BF00368093	The galleries usually branch or change direction every 10 to 15 cm, but one cast includes an unbranched and virtually straight section 40 cm long (Fig. 5 A-C).	
250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Feeding type	Predator	3	Neumann et al. 2013	https://doi.org/10.3354/meps10299	opportunistic predators and scavengers feeding on crustaceans, molluscs and polychaetes.	
250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Injection pocket depth	> 10 cm	3	Rice, A. L., & Chapman, C. J. (1971). Observations on the burrows and burrowing behaviour of two mud-dwelling decapod crustaceans, Nephrops norvegicus and Goneplax rhomboides. Marine Biology, 10, 330-342.	10.1007/BF00368093	From each entrance, the tunnels descend in a gentle curve to a maximum depth of 10 to 15 cm below the mud surface	
250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Reworking	biodiffusors	3	Queiros AM et al 2013			
250120	Arthropoda	Malacostraca	Decapoda	Goneplacidae	Goneplax rhomboides	Reworking	biodiffusors	3	Atkinson 1974	https://doi.org/10.1007/BF00394970	Casts revealed that burrows had up to 6 entrances and tunnels were horizontal once a depth of about i0 cm had been reached, with branches usually at right angles to each other.	
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Burrow type	Blind ended irrigation	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow.		The burrow of Nephrops was too large to be sampled with a boxcore.	
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Feeding type	Predator	3	Clare et al 2022			
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Feeding type	Predator	3	Baden, S., Pihl, L., Rosenberg, R., 1990. Effects of oxygen depletion on the ecology, blood physiology and fishery of the Norway lobster Nephrops norvegicus. Mar. Ecol. Prog. Ser. 67, 141–155.	https://doi.org/10.3354/meps067141	In the feeding experiments Nephrops norvegicus consumed almost equal amounts of shrimps, Pandalus borealis and brittle stars Amphiura/Ophiura spp., about 7 to 9 g per kg body weight (Table 4B).	
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Injection pocket depth	> 10 cm	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow.		The burrow of Nephrops was too large to be sampled with a boxcore.	
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Injection pocket depth	> 10 cm	3	Rice, A. L., & Chapman, C. J. (1971). Observations on the burrows and burrowing behaviour of two mud-dwelling decapod crustaceans, Nephrops norvegicus and Goneplax rhomboides. Marine Biology, 10, 330-342.	10.1007/BF00368093	After reaching a depth of about 20 cm beneath the mud surface, the tunnel turned abruptly upwards to an opening some 37 cm from the main burrow entrance.	
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Reworking	biodiffusors	3	Queiros AM et al 2013			
217765	Arthropoda	Malacostraca	Decapoda	Nephropidae	Nephrops norvegicus	Reworking	biodiffusors	3	Clare et al 2022			
217779	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas araneus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic life			
217779	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas araneus	Feeding type	Predator	3	Clare et al 2022			
217779	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas araneus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic life			
217779	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas araneus	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on epibenthic life			
217779	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas araneus	Reworking	epifauna	3	Expert judgement Mats Blomqvist based on epibenthic life			
102847	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas coarctatus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic life			
102847	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas coarctatus	Feeding type	Predator	3	Clare et al 2022			
102847	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas coarctatus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic life			
102847	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas coarctatus	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on epibenthic life			
102847	Arthropoda	Malacostraca	Decapoda	Oregoniidae	Hyas coarctatus	Reworking	epifauna	3	Expert judgement Mats Blomqvist based on epibenthic life			
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Feeding type	Deposit feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Feeding type	Predator	2	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Feeding type	Surface filter feeder	1	Gerlach, S. A., D. K. Ekstrøm, and P. B. Eckardt. "Filter Feeding in the Hermit Crab, Pagurus Bernhardus." Oecologia 24.3 (1976): 257-64. Web.		As the title of the paper says	
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Feeding type	Surface filter feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epifaunal living			
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
1004804	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus	Reworking	epifauna	3	Queiros AM et al 2013			
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Burrow type	Epifauna, internal irrigation	3	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	epifauna	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Burrow type	Epifauna, internal irrigation	3	Lancaster 1988	http://www.vliz.be/imisdocs/publications/262796.pdf	Some individuals in a population m ay w ander over great distances while others rem ain in m uch the same area for long periods of tim e.	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Deposit feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Predator	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: scavenger	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Predator	2	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	

217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Predator	2	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: omnivorous	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Surface filter feeder	1	Gerlach, S. A., D. K. Ekstrøm, and P. B. Eckardt. "Filter Feeding in the Hermit Crab, Pagurus Bernhardus." Oecologia 24.3 (1976): 257-64. Web.		As the title of the paper says	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Feeding type	Surface filter feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epifaunal living			
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217759	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus bernhardus	Reworking	epifauna	3	Queiros AM et al 2013			
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Feeding type	Deposit feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Feeding type	Predator	2	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Feeding type	Surface filter feeder	1	Gerlach, S. A., D. K. Ekstrøm, and P. B. Eckardt. "Filter Feeding in the Hermit Crab, Pagurus Bernhardus." Oecologia 24.3 (1976): 257-64. Web.		As the title of the paper says	
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Feeding type	Surface filter feeder	1	Ramsay, K., Kaiser, M. J., & Hughes, R. N. (1997). A field study of intraspecific competition for food in hermit crabs (Pagurus bernhardus). Estuarine, Coastal and Shelf Science, 44(2), 213-220.	10.1006/ecss.1996.0213	Pagurus bernhardus apparently use a variety of feeding methods including scavenging (Jackson, 1913; Nickell & Moore, 1992a; Kaiser & Spencer, 1996), deposit-feeding (Orton, 1927) and filter-feeding (Gerlach et al., 1976). Pagurus bernhardus appears to be	
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epifaunal living			
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217760	Arthropoda	Malacostraca	Decapoda	Paguridae	Pagurus cuanensis	Reworking	epifauna	3	Queiros AM et al 2013			
250117	Arthropoda	Malacostraca	Decapoda	Pandalidae	Atlantopandalus propinqvus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on hyperbenthic lifestyle			
250117	Arthropoda	Malacostraca	Decapoda	Pandalidae	Atlantopandalus propinqvus	Feeding type	Predator	3	Clare et al 2022			
250117	Arthropoda	Malacostraca	Decapoda	Pandalidae	Atlantopandalus propinqvus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on hyperbenthic lifestyle			
250117	Arthropoda	Malacostraca	Decapoda	Pandalidae	Atlantopandalus propinqvus	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on hyperbenthic lifestyle			
250117	Arthropoda	Malacostraca	Decapoda	Pandalidae	Atlantopandalus propinqvus	Reworking	epifauna	3	Expert judgement Mats Blomqvist based on hyperbenthic lifestyle			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Feeding type	Predator	3	van Scheppingen & Gronewold 1990	http://publicaties.minienm.nl/documenten/de-ruimtelijke-verspreiding-van-het-benthos-in-de-zuidelijke-n-3	Table 1: L. holsatus: omnivore	
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: L. holsatus: omnivore	
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Feeding type	Predator	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Appendix 1: L. depurator, L. holsatus and L. navigator regarded omnivorous	
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Reworking	regenerators	3	NIVA traits database			
217787	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus depurator	Reworking	regenerators	3	Queiros AM et al 2013			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Feeding type	Predator	3	Clare et al 2022			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
249627	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus navigator	Reworking	regenerators	3	Queiros AM et al 2013			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Feeding type	Predator	3	Clare et al 2022			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Injection pocket depth	0-2 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on feeding on and in the sediment by this swimming species			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217789	Arthropoda	Malacostraca	Decapoda	Polybiidae	Liocarcinus pusillus	Reworking	regenerators	3	Queiros AM et al 2013			
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle			
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Feeding type	Surface filter feeder	3	Clare et al 2022			
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Feeding type	Surface filter feeder	3	Nicol, E. A. (1932). The feeding habits of the Galatheidea. Journal of the Marine Biological Association of the United Kingdom, 18(1), 87-106	10.1017/S0025315400051316	Porcellana longicornis has been taken as typical of the Porcellanidae. The stomach contents are much more finely divided than those of Galathea, and are closely comparable to those of the filter-feeding polychaetes and molluscs. The third maxillipeds are	
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle			
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217755	Arthropoda	Malacostraca	Decapoda	Porcellanidae	Pisidia longicornis	Reworking	epifauna	3	Queiros AM et al 2013			
1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Feeding type	Predator	3	Wrede A et al 2018			
1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Feeding type	Predator	3	Clare et al 2022			
1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			

1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
1004844	Arthropoda	Malacostraca	Decapoda	Processidae	Processa	Reworking	epifauna	3	Queiros AM et al 2013			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Feeding type	Predator	3	Clare et al 2022			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Feeding type	Predator	3	Wrede A et al 2018			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
217832	Arthropoda	Malacostraca	Decapoda	Processidae	Processa nouveli holthuisi	Reworking	epifauna	3	Queiros AM et al 2013			
1004850	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on species in this genus			
1004850	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia	Feeding type	Sub surface filter feeder	3	Expert judgement Mats Blomqvist based on species in this genus			
1004850	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on species in this genus			
1004850	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia	Mobility	free movement via burrow system	3	Gogina M ICES BEWG BENS			
1004850	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia	Reworking	upward and downward conveyors	3	Gogina M ICES BEWG BENS			
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Burrow type	Open irrigation	3	Wrede A et al 2018			
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Feeding type	Sub surface filter feeder	3	Griffen 2007	http://hdl.handle.net/1957/4230	Prior research on suspension-feeding thalassinids indicates that they are nonselective feeders. For instance, Pinn et al. (1998) compared gut contents with materials in overlying water and found that Upogebia deltaura and Upogebia stellata were both non-s	
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Feeding type	Sub surface filter feeder	3	Howe et al. 2004	https://doi.org/10.1017/S0025315404009660Xh	The focus of this study was to investigate the impact upon the rate of sediment denitriCation of two Thalassinidean species with contrasting behavioural characters; C. subterranea and Upogebia deltaura (Leach, 1815). Whilst both create extensive permanen	
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Feeding type	Sub surface filter feeder	3	Wrede A et al 2018			
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Injection pocket depth	> 10 cm	3	Astall, C. M., Taylor, A. C., & Atkinson, R. J. A. (1997). Behavioural and physiological implications of a burrow-dwelling lifestyle for two species of upogebiid mud-shrimp (Crustacea: Thalassinidea). Estuarine, Coastal and Shelf Science, 44(2), 155-168.	10.1006/ecss.1996.0207	Casts of U. deltaura burrows indicated that the basic U-shaped section penetrated the sediment to depths of 15–24 cm. Openings were usually 15–20 cm apart. Burrow diameter was generally between 17 and 23 mm and was fairly constant for the main shaft and t	
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
102832	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia deltaura	Reworking	upward and downward conveyors	3	Queiros AM et al 2013			
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Burrow type	Open irrigation	3	Astall, C. M., Taylor, A. C., & Atkinson, R. J. A. (1997). Behavioural and physiological implications of a burrow-dwelling lifestyle for two species of upogebiid mud-shrimp (Crustacea: Thalassinidea). Estuarine, Coastal and Shelf Science, 44(2), 155-168.	10.1006/ecss.1996.0207	The U-shaped section of the burrows of U. stellata penetrated the sediment to depths of 7–20 cm. Openings were either spaced closely [3 cm, Figure 1(c)] or widely [up to 22 cm, Figure 1(a)]. Burrow diameter was generally from 12 and 16 mm and, as with U.	
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Feeding type	Sub surface filter feeder	3	Howe et al. 2004	https://doi.org/10.1017/S0025315404009660Xh	For Upogebia deltaura: The focus of this study was to investigate the impact upon the rate of sediment denitriCation of two Thalassinidean species with contrasting behavioural characters; C. subterranea and Upogebia deltaura (Leach, 1815). Whilst both cr	
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Feeding type	Sub surface filter feeder	3	Griffen 2007	http://hdl.handle.net/1957/4230	Prior research on suspension-feeding thalassinids indicates that they are nonselective feeders. For instance, Pinn et al. (1998) compared gut contents with materials in overlying water and found that Upogebia deltaura and Upogebia stellata were both non-s	
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Injection pocket depth	> 10 cm	3	Astall, C. M., Taylor, A. C., & Atkinson, R. J. A. (1997). Behavioural and physiological implications of a burrow-dwelling lifestyle for two species of upogebiid mud-shrimp (Crustacea: Thalassinidea). Estuarine, Coastal and Shelf Science, 44(2), 155-168.	10.1006/ecss.1996.0207	The U-shaped section of the burrows of U. stellata penetrated the sediment to depths of 7–20 cm. Openings were either spaced closely [3 cm, Figure 1(c)] or widely [up to 22 cm, Figure 1(a)]. Burrow diameter was generally from 12 and 16 mm and, as with U.	
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Mobility	free movement via burrow system	3	Queiros AM et al 2013			
102831	Arthropoda	Malacostraca	Decapoda	Upogebiidae	Upogebia stellata	Reworking	upward and downward conveyors	3	Howe et al. 2004	https://doi.org/10.1017/S0025315404009660Xh	For Upogebia deltaura:.... whilst U. deltaura generally construct fairly simple U- or Y-shaped burrows (Nickell & Atkinson, 1995). These U. deltaura burrows are considered to be fairly permanent structures with walls hardened by a glandular secretion.	
233396	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus aquaticus	Burrow type	Blind ended irrigation	3	Merrmillod-Blondin et al 2002	10.2307/1468305	free movement (see Mobility)(our BT3 also includes ´no burrow system´)	
233396	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus aquaticus	Feeding type	Deposit feeder	3	Merrmillod-Blondin et al 2002	10.2307/1468305	detritivorous, grazes on biofilm on sediment particle surfaces	
233396	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus aquaticus	Injection pocket depth	2-5 cm	3	Merrmillod-Blondin et al 2002	10.2307/1468305	increased O2 and solutes (NO3, NO2) down to 5cm	
233396	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus aquaticus	Mobility	slow movement through sediment	3	Merrmillod-Blondin et al 2002	10.2307/1468305	a foraging sediment-mover that grazes on the biofilm on sediment particle surfaces	
233396	Arthropoda	Malacostraca	Isopoda	Asellidae	Asellus aquaticus	Reworking	biodiffusors	3	Merrmillod-Blondin et al 2002	10.2307/1468305	homogenised sediments down to 3cm: "significant biodiffusion"	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Burrow type	Blind ended irrigation	3	Ejdung and Bonsdorff (1992)	10.3354/meps088207	moved around randomly buried in the sediment...or on the sediment surface shovelling the top sediment layer aside	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Burrow type	Blind ended irrigation	3	Miernik, N.A., Janas, U., Kendzierska, H., 2023. Role of Macrofaunal Communities in the Vistula River Plume, the Baltic Sea—Bioturbation and Bioirrigation Potential. Biology 12, 147	https://doi.org/10.3390/biology12020147	Appendix A classified as BT3 Blind ended irrigation	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Feeding type	Predator	3	Ejdung and Bonsdorff (1992)	10.3354/meps088207	Predation experiment (on Macoma)	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Injection pocket depth	0-2 cm	2	Ejdung and Bonsdorff (1992)	10.3354/meps088207	Usually stays buried just below the sediment surface, although it can burrow down 5-10 cm in the sediment	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Injection pocket depth	2-5 cm	1	Ejdung and Bonsdorff (1992)	10.3354/meps088207	Usually stays buried just below the sediment surface, although it can burrow down 5-10 cm in the sediment	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Injection pocket depth	5-10 cm	1	Ejdung and Bonsdorff (1992)	10.3354/meps088207	Usually stays buried just below the sediment surface, although it can burrow down 5-10 cm in the sediment	
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Mobility	slow movement through sediment	3	Gogina et al. 2017			Saduria entomon usually stays buried just below the sediment surface, although it can burrow down 5 to 10 cm in the sediment (pers. obs. in laboratory and field). It can move about and is a good swimmer (Ejdung & Bonsdorff, 1992) Saduria entomon is o
101726	Arthropoda	Malacostraca	Isopoda	Chaetiliidae	Saduria entomon	Reworking	surficial modifiers	3	Gogina et al. 2017			Saduria entomon usually stays buried just below the sediment surface, although it can burrow down 5 to 10 cm in the sediment (pers. obs. in laboratory and field). It can move about and is a good swimmer (Ejdung & Bonsdorff, 1992) Saduria entomon is o
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Burrow type	Blind ended irrigation	3	Taylor, A. C., & Moore, P. G. (1995). The burrows and physiological adaptations to a burrowing lifestyle of Natatolana borealis (Isopoda: Cirolanidae). Marine Biology, 123(4), 805-814.	10.1007/BF00349124	Fig 1 and 2	
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Feeding type	Predator	3	Clare et al 2022			
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Feeding type	Predator	3	Taylor & Moore 1995	https://doi.org/10.1007/BF00349124	The cirolanid isopod Natatolana (= Cirolana) borealis Lilljeborg is a voracious, unselective scavenger living on soft substrata offshore (Wong and Moore 1995).	
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Injection pocket depth	5-10 cm	3	Taylor, A. C., & Moore, P. G. (1995). The burrows and physiological adaptations to a burrowing lifestyle of Natatolana borealis (Isopoda: Cirolanidae). Marine Biology, 123(4), 805-814.	10.1007/BF00349124	Fig 1 and 2	
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
243211	Arthropoda	Malacostraca	Isopoda	Cirolanidae	Natatolana borealis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Burrow type	Open irrigation	3	Based on G. oxyuraea			

1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Feeding type	Predator	3	Clare et al 2022			
1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Injection pocket depth	0-2 cm	3	Based on G. oxyuraea			
1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Mobility	Fixed tubes	2	Based on G. oxyuraea			
1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Mobility	slow movement through sediment	1	Gogina M ICES BEWG EngChan			
1011630	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia	Reworking	surficial modifiers	3	Gogina M ICES BEWG EngChan			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Burrow type	Open irrigation	3	Raymond et al 2021			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Feeding type	Predator	3	Kaiser, M. J., Cheney, K., Spence, F. E., Edwards, D. B., & Radford, K. (1999). Fishing effects in northeast Atlantic shelf seas: patterns in fishing effort, diversity and community structure VII. The effects of trawling disturbance on the fauna associate	10.1016/S0165-7836(98)00212-4	G. oxyuraea is predatory	
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Feeding type	Predator	3	Clare et al 2022			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Mobility	Fixed tubes	2	Raymond et al 2021			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Reworking	surficial modifiers	3	Queiros AM et al 2013			
243199	Arthropoda	Malacostraca	Isopoda	Gnathiidae	Gnathia oxyuraea	Reworking	surficial modifiers	3	Raymond et al 2021			
3000221	Arthropoda	Malacostraca	Tanaidacea		Tanaidacea	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
3000221	Arthropoda	Malacostraca	Tanaidacea		Tanaidacea	Feeding type	Predator	3	Raymond et al 2021			
3000221	Arthropoda	Malacostraca	Tanaidacea		Tanaidacea	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
3000221	Arthropoda	Malacostraca	Tanaidacea		Tanaidacea	Mobility	Limited movement	3	Raymond et al 2021			
3000221	Arthropoda	Malacostraca	Tanaidacea		Tanaidacea	Reworking	surficial modifiers	3	Raymond et al 2021			
4000078	Arthropoda	Ostracoda			Ostracoda	Burrow type	Epifauna, internal irrigation	3	Expert judgment based on taxa in Ostracoda, Mats Blomqvist			
4000078	Arthropoda	Ostracoda			Ostracoda	Feeding type	Deposit feeder	3	Expert judgment based on taxa in Ostracoda, Mats Blomqvist			
4000078	Arthropoda	Ostracoda			Ostracoda	Injection pocket depth	0-2 cm	3	Expert judgment based on taxa in Ostracoda, Mats Blomqvist			
4000078	Arthropoda	Ostracoda			Ostracoda	Mobility	slow movement through sediment	3	Expert judgment based on taxa in Ostracoda, Mats Blomqvist			
4000078	Arthropoda	Ostracoda			Ostracoda	Reworking	surficial modifiers	3	Expert judgment based on taxa in Ostracoda, Mats Blomqvist			
4000008	Cnidaria	Anthozoa			Anthozoa	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
4000008	Cnidaria	Anthozoa			Anthozoa	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
4000008	Cnidaria	Anthozoa			Anthozoa	Feeding type	Surface filter feeder	3	Nasi et al 2020			
4000008	Cnidaria	Anthozoa			Anthozoa	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
4000008	Cnidaria	Anthozoa			Anthozoa	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
4000008	Cnidaria	Anthozoa			Anthozoa	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
4000008	Cnidaria	Anthozoa			Anthozoa	Mobility	Limited movement	3	Gogina et al. 2017			Averaged for the class, corresponds to Queirós et al. (2013)
4000008	Cnidaria	Anthozoa			Anthozoa	Reworking	epifauna	2	Expert judgement Eivind Oug			
4000008	Cnidaria	Anthozoa			Anthozoa	Reworking	epifauna	2	common konwledge			
4000008	Cnidaria	Anthozoa			Anthozoa	Reworking	surficial modifiers	2	Gogina M ICES BEWG EngChan			Averaged for the class, corresponds to Queirós et al. (2013)
4000008	Cnidaria	Anthozoa			Anthozoa	Reworking	surficial modifiers	2	Expert judgement Eivind Oug			Averaged for the class, corresponds to Queirós et al. (2013)
4000008	Cnidaria	Anthozoa			Anthozoa	Reworking	surficial modifiers	2	Gogina et al. 2017			Averaged for the class, corresponds to Queirós et al. (2013)
217857	Cnidaria	Anthozoa	Actiniaria	Actiniidae	Bolocera tuediae	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epifaunal living			
217857	Cnidaria	Anthozoa	Actiniaria	Actiniidae	Bolocera tuediae	Feeding type	Predator	3	Jonsson, L. G., Lundälv, T., & Johannesson, K. (2001). Symbiotic associations between anthozoans and crustaceans in a temperate coastal area. Marine Ecology Progress Series, 209, 189-195.	10.3354/meps209189	Field and aquarium observations indicate that it is a voracious predator, capturing not only plankton such as krill, Meganyctiphanes norvegica, and Sagitta spp., but also fishes (T.L. pers. obs.) and shrimp (M. Larsvik pers. comm.)	
217857	Cnidaria	Anthozoa	Actiniaria	Actiniidae	Bolocera tuediae	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epifaunal living			
217857	Cnidaria	Anthozoa	Actiniaria	Actiniidae	Bolocera tuediae	Mobility	Fixed tubes	3	Expert judgement Mats Blomqvist based on epifaunal living			
217857	Cnidaria	Anthozoa	Actiniaria	Actiniidae	Bolocera tuediae	Reworking	epifauna	3	Expert judgement Mats Blomqvist based on epifaunal living			
1004891	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
1004891	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
1004891	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
1004891	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia	Mobility	Limited movement	3	Queiros AM et al 2013			
1004891	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Feeding type	Predator	2	Clare et al 2022			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Feeding type	Surface filter feeder	2	Wrede A et al 2018			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Mobility	Limited movement	3	Queiros AM et al 2013			
217886	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsia tuberculata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on E. tuberculata and danica			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Feeding type	Predator	2	Clare et al 2022			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Feeding type	Predator	2	Raymond et al 2021			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Feeding type	Surface filter feeder	2	Expert judgement Mats Blomqvist based on E. tuberculata			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Mobility	Limited movement	3	Queiros AM et al 2013			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Mobility	Limited movement	3	Raymond et al 2021			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Reworking	surficial modifiers	3	Queiros AM et al 2013			
2000122	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Edwardsiidae	Reworking	surficial modifiers	3	Raymond et al 2021			
217887	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Paraedwardsia arenaria	Burrow type	Epifauna, internal irrigation	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	sessile burrower, living mainly as a carnivore/omnivore	
217887	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Paraedwardsia arenaria	Feeding type	Predator	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	sessile burrower, living mainly as a carnivore/omnivore	
217887	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Paraedwardsia arenaria	Injection pocket depth	0-2 cm	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	sessile burrower, living mainly as a carnivore/omnivore	
217887	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Paraedwardsia arenaria	Mobility	Limited movement	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	sessile burrower, living mainly as a carnivore/omnivore	

217887	Cnidaria	Anthozoa	Actiniaria	Edwardsiidae	Paraedwardsia arenaria	Reworking	surficial modifiers	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	sessile burrower, living mainly as a carnivore/omnivore	
3000025	Cnidaria	Anthozoa	Pennatulacea		Pennatulacea	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on species in this taxa			
3000025	Cnidaria	Anthozoa	Pennatulacea		Pennatulacea	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on species in this taxa			
3000025	Cnidaria	Anthozoa	Pennatulacea		Pennatulacea	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on species in this taxa			
3000025	Cnidaria	Anthozoa	Pennatulacea		Pennatulacea	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on species in this taxa			
3000025	Cnidaria	Anthozoa	Pennatulacea		Pennatulacea	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on species in this taxa			
217841	Cnidaria	Anthozoa	Pennatulacea	Funiculinidae	Funiculina quadrangularis	Burrow type	Epifauna, internal irrigation	3	Beauchard et al 2021	10.17882/59517	Burrow depth 0 cm	
217841	Cnidaria	Anthozoa	Pennatulacea	Funiculinidae	Funiculina quadrangularis	Feeding type	Surface filter feeder	3	Foveau et al 2019	10.17882/59517	Filter feeder	
217841	Cnidaria	Anthozoa	Pennatulacea	Funiculinidae	Funiculina quadrangularis	Injection pocket depth	0-2 cm	3	Beauchard et al 2021	10.17882/59517	Burrow depth 0 cm	
217841	Cnidaria	Anthozoa	Pennatulacea	Funiculinidae	Funiculina quadrangularis	Mobility	Fixed tubes	3	Foveau et al 2019	10.17882/59517	Sedentary	
217841	Cnidaria	Anthozoa	Pennatulacea	Funiculinidae	Funiculina quadrangularis	Reworking	epifauna	3	Foveau et al 2019	10.17882/59517	Emergent	
217843	Cnidaria	Anthozoa	Pennatulacea	Pennatulidae	Pennatula phosphorea	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic life style			
217843	Cnidaria	Anthozoa	Pennatulacea	Pennatulidae	Pennatula phosphorea	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on epibenthic filtering life style			
217843	Cnidaria	Anthozoa	Pennatulacea	Pennatulidae	Pennatula phosphorea	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic life style,			Species can withdraw into the sediment
217843	Cnidaria	Anthozoa	Pennatulacea	Pennatulidae	Pennatula phosphorea	Mobility	Limited movement	3	Expert judgement Mats Blomqvist based on epibenthic life style			
217843	Cnidaria	Anthozoa	Pennatulacea	Pennatulidae	Pennatula phosphorea	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on epibenthic life style			
217844	Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	Virgularia mirabilis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic life style			
217844	Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	Virgularia mirabilis	Feeding type	Surface filter feeder	3	Swift, D. J. (1993). The macrobenthic infauna off Sellafield (north-eastern Irish Sea) with special reference to bioturbation. Journal of the Marine Biological Association of the United Kingdom, 73(1), 143-162.	10.1017/S0025315400032690	Virgularia mirabilis is a suspension feeder and may be important as a biodepositor	
217844	Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	Virgularia mirabilis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic life style,			Species can withdraw into the sediment
217844	Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	Virgularia mirabilis	Mobility	Limited movement	3	Queiros AM et al 2013			
217844	Cnidaria	Anthozoa	Pennatulacea	Virgulariidae	Virgularia mirabilis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Burrow type	Epifauna, internal irrigation	3	https://animaldiversity.org/accounts/Cerianthus_lloydii/		Cerianthus lloydii are the burrowing anemones. They burrow in sand or mud, or live in rock crevices. These burrowers arch their bodies so that their narrow foot can penetrate the surface. With closed mouths, the fluid in the gastric cavity is forced by mu	
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Feeding type	Predator	3	Wikipedia		Cerianthus lloydii feeds on zooplankton and small crustaceans that come within reach of its tentacles.	
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Injection pocket depth	> 10 cm	3	https://animaldiversity.org/accounts/Cerianthus_lloydii/		Cerianthus lloydii are anywhere from a few centimeters in length, up to 40 centimeters into the substrate.	
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Mobility	Fixed tubes	3	Queiros AM et al 2013			
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Reworking	surficial modifiers	3	Wikipedia		Cerianthus lloydii grows to about 15 cm (6 in) long. It does not have a pedal disc with which to attach itself to the substrate but instead lives in a flexible parchment-like tube up to 40 cm (16 in) long.[3] This is buried in sand or mud with one end abo	
217848	Cnidaria	Anthozoa	Spirularia	Cerianthidae	Cerianthus lloydii	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Feeding type	Predator	3	Allen 1983	https://doi.org/10.1016/0022-0981(83)90150-8	The feeding trials confirmed that Asterias rubens is an effective predator of infaunal bivalves and that prey preference figures prominently in its feeding behaviour.	
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Feeding type	Predator	3	Wrede A et al 2018			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Feeding type	Predator	3	Clare et al 2022			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Feeding type	Predator	3	Vevers 1949	https://doi.org/10.1017/S0025315400055272	omnivorous (page 166)	
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Scavenger/Predator	
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Reworking	epifauna	3	Queiros AM et al 2013			
217671	Echinodermata	Asteroidea	Forcipulatida	Asteriidae	Asterias rubens	Reworking	epifauna	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Epibenthic	
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Feeding type	Predator	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Appendix 1: predator	
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Feeding type	Predator	3	Clare et al 2022			
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Feeding type	Predator	3	Wrede A et al 2018			
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Feeding type	Predator	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Predator/Scavenger	
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Feeding type	Predator	3	Freeman at al. 2001	https://doi.org/10.1006/ecss.2000.0758	voracious predators of many infaunal invertebrates,particularly molluscs and crustaceans (Christensen,1970; Ribi & Jost, 1978; Franz & Worley, 1982;Nojima, 1989; Lemmenset al., 1995)	
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Reworking	surficial modifiers	3	Freeman at al. 2001	https://doi.org/10.1006/ecss.2000.0758	All species of Astropecten are generally found either partially or completely buried within the sediment, but when foraging, they roam over the sediment surface w	
217678	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Astropecten irregularis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
102853	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Psilaster andromeda	Burrow type	Epifauna, internal irrigation	3	https://artsdatabanken.no/Pages/231377/Psilaster_andromeda		P. andromeda finner man på bløtbunn, hvor den spiser muslinger, pigghuder, krepsdyr, diatomeer og foraminiferer (Christensen 1970; Khanna & Yadav 2005).	
102853	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Psilaster andromeda	Feeding type	Predator	3	https://artsdatabanken.no/Pages/231377/Psilaster_andromeda		P. andromeda finner man på bløtbunn, hvor den spiser muslinger, pigghuder, krepsdyr, diatomeer og foraminiferer (Christensen 1970; Khanna & Yadav 2005).	
102853	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Psilaster andromeda	Injection pocket depth	0-2 cm	3	https://artsdatabanken.no/Pages/231377/Psilaster_andromeda		P. andromeda finner man på bløtbunn, hvor den spiser muslinger, pigghuder, krepsdyr, diatomeer og foraminiferer (Christensen 1970; Khanna & Yadav 2005).	
102853	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Psilaster andromeda	Mobility	slow movement through sediment	3	https://artsdatabanken.no/Pages/231377/Psilaster_andromeda		P. andromeda finner man på bløtbunn, hvor den spiser muslinger, pigghuder, krepsdyr, diatomeer og foraminiferer (Christensen 1970; Khanna & Yadav 2005).	
102853	Echinodermata	Asteroidea	Paxillosida	Astropectinidae	Psilaster andromeda	Reworking	epifauna	3	https://artsdatabanken.no/Pages/231377/Psilaster_andromeda		P. andromeda finner man på bløtbunn, hvor den spiser muslinger, pigghuder, krepsdyr, diatomeer og foraminiferer (Christensen 1970; Khanna & Yadav 2005).	
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Feeding type	Predator	3	Raymond et al 2021			
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Mobility	slow movement through sediment	3	Raymond et al 2021			
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Reworking	surficial modifiers	3	Tom Fenchel (1965) Feeding biology of the sea-star Luidia sarsi Düben & Koren, Ophelia, 2:2, 223-236			
217681	Echinodermata	Asteroidea	Paxillosida	Luidiidae	Luidia sarsi	Reworking	surficial modifiers	3	Raymond et al 2021			

4000088	Echinodermata	Echinoidea			Echinoidea	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this class			
4000088	Echinodermata	Echinoidea			Echinoidea	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist based on taxa in this class			
4000088	Echinodermata	Echinoidea			Echinoidea	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist based on taxa in this class			
4000088	Echinodermata	Echinoidea			Echinoidea	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on taxa in this class			
4000088	Echinodermata	Echinoidea			Echinoidea	Reworking	biodiffusors	3	Expert judgement Mats Blomqvist based on taxa in this class			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Feeding type	Deposit feeder	3	Telford et al. 1983	https://doi.org/10.2307/1541476	The feeding mechanism is atypical for clypeasteroids: substrate particles with attached organisms are selected and transported by the suckered podia. At the mouth, particles are held in place and slowly rotated by the free margin of the peristomial membr	
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Feeding type	Deposit feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder; Sub-surface deposit feeder	
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Feeding type	Deposit feeder	3	Clare et al 2022			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Feeding type	Deposit feeder	3	Wrede A et al 2018			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Reworking	surficial modifiers	3	Ghiold 1982	https://doi.org/10.1016/0022-0981(82)90021-1	E. pusillus will burrow down 6-8 mm in the 1 $J fraction and 1 mm or so below the surface in the other grades into which it burrows. In the shell hash it penetrated at least 5 mm.	
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Reworking	surficial modifiers	3	Queirós et al. 2013	https://doi.org/10.1002/ece3.769	surfical modifiers	
217713	Echinodermata	Echinoidea	Clypeasteroida	Echinocyamidae	Echinocyamus pusillus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Feeding type	Deposit feeder	3	Raymond et al 2021			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Mobility	slow movement through sediment	3	Raymond et al 2021			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Mobility	slow movement through sediment	3	Hollertz & Duchêne 2001			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Reworking	biodiffusors	3	NIVA traits database			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Reworking	biodiffusors	3	Queiros AM et al 2013			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Reworking	biodiffusors	3	Raymond et al 2021			
217719	Echinodermata	Echinoidea	Spatangoida	Brissidae	Brissopsis lyrifera	Reworking	biodiffusors	3	Hollertz & Duchêne 2001			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	Boon & Duineveld 2012	https://doi.org/10.1016/j.seares.2011.10.004	The lack of terrestrial fatty acids (chains larger than 22 atoms) in the foregut of the heart urchins from the German Bight, where high proportions of these fatty acids in the sedimentary fatty acid pool prevail (see Table 3) underlines the selective char	
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	De Ridder et al. 1984	ISBN 90 61915961 pg. 245	E. cordatum also feeds selectively on organic matter, as the gut content had a fourfold higher organic matter content compared to the surroundingsediment (De Ridder et al. 1984 in Hollertz 2002).	
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	Raymond et al 2021			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	Rees & Dare 1993	https://www.cefas.co.uk/Publications/files/datarep33.pdf	motile infaunal surface/subsurface deposit feeder	
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	Fish & Fish 1996	ISBN 0-521-16819-1	Echinocardium is a deposit feeder	
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Feeding type	Deposit feeder	3	Wrede A et al 2018			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Injection pocket depth	> 10 cm	1	Wrede A et al 2018			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Injection pocket depth	5-10 cm	2	Raymond et al 2021			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Mobility	slow movement through sediment	3	Raymond et al 2021			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Reworking	biodiffusors	3	Raymond et al 2021			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Reworking	biodiffusors	3	Mestdagh et al 2020			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Reworking	biodiffusors	3	Queiros AM et al 2013			
217720	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium cordatum	Reworking	biodiffusors	3	NIVA traits database			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Feeding type	Deposit feeder	3	Raymond et al 2021			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Mobility	slow movement through sediment	3	Raymond et al 2021			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Reworking	biodiffusors	3	NIVA traits database			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Reworking	biodiffusors	3	Queiros AM et al 2013			
217721	Echinodermata	Echinoidea	Spatangoida	Loveniidae	Echinocardium flavescens	Reworking	biodiffusors	3	Raymond et al 2021			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Feeding type	Deposit feeder	3	Raymond et al 2021			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Mobility	Limited movement	2	Raymond et al 2021			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Reworking	surficial modifiers	3	NIVA traits database			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217726	Echinodermata	Holothuroidea	Apodida	Synaptidae	Labidoplax buskii	Reworking	surficial modifiers	3	Raymond et al 2021			
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Burrow type	Open irrigation	3	Jans, D., & Jangoux, M. (1992). Rejection of Intracoelomic Invading Material by Leptosynapta inhaerens (Echinodermata: Holothuroida): A Process of Ecological Significance?. Marine ecology, 13(3), 225-231.	10.1111/j.1439-0485.1992.tb00352.x	Most are endofaunal deposit-feeders (i. e., sediment-swallowers) living in an L- or U-shaped burrow	
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Feeding type	Deposit feeder	3	Jans, D., & Jangoux, M. (1992). Rejection of Intracoelomic Invading Material by Leptosynapta inhaerens (Echinodermata: Holothuroida): A Process of Ecological Significance?. Marine ecology, 13(3), 225-231.	10.1111/j.1439-0485.1992.tb00352.x	Most are endofaunal deposit-feeders (i. e., sediment-swallowers) living in an L- or U-shaped burrow	
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Feeding type	Deposit feeder	3	Powell 1977	https://doi.org/10.1002/iroh.1977.3510620305	Leptosynapta tenuis is a funnel feeder, living in a V-shaped burrow, with a funnel-shaped feeding hole at one end and a fecal mound at the other. ... Sediment reworking rates were 2900-5500 gm . yr- 1 . animal-to 51 % of this is taken from the top .1/2 cm o	
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Injection pocket depth	5-10 cm	3	Jans, D., & Jangoux, M. (1992). Rejection of Intracoelomic Invading Material by Leptosynapta inhaerens (Echinodermata: Holothuroida): A Process of Ecological Significance?. Marine ecology, 13(3), 225-231.	10.1111/j.1439-0485.1992.tb00352.x	Fig 1.	
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Reworking	biodiffusors	2	Powell 1977	https://doi.org/10.1002/iroh.1977.3510620305	For L. tenuis: The burrow is basically U-shaped (fig. 1). The position of the synaptids oral end coincides with either (1) a simple hole about 2-3 mm in diameter, (2) a funnel shaped depression (A, fig. 1) which, in the-field, is often modified by current	
217729	Echinodermata	Holothuroidea	Apodida	Synaptidae	Leptosynapta inhaerens	Reworking	surficial modifiers	2	Queiros AM et al 2013			
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Burrow type	Blind ended irrigation	2	Raymond et al 2021			
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Burrow type	Blind ended irrigation	2	Fankboner 1981	https://doi.org/10.1017/S0025315400048128	Fig. 1 blind-ended burrow	
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Burrow type	Blind ended irrigation	2	Fankboner 1981	https://doi.org/10.1017/S0025315400048128	Following their introduction to aquaria, L. elongata quickly burrowed into Rame mud, leaving only a short portion of the aboral and protruding from the burrow opening (Fig. 1).	
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Burrow type	Epifauna, internal irrigation	1	Wrede A et al 2018			
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Deposit feeder	2	Raymond et al 2021			

217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Deposit feeder	2	McKenzie, J. D., & Picton, B. E. (1984). A note on feeding in Leptopentacta (= Cucumaria) elongata. Journal of the Marine Biological Association of the United Kingdom, 64(3), 727-727.		These observations clearly do not support the description of Leptopentacta solely as a cryptic deposit feeder, indeed the evidence for the adults deposit feeding at all is weak.		
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Surface filter feeder	2	Wrede A et al 2018				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Surface filter feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: suspension feeder		
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Surface filter feeder	2	McKenzie, J. D., & Picton, B. E. (1984). A note on feeding in Leptopentacta (= Cucumaria) elongata. Journal of the Marine Biological Association of the United Kingdom, 64(3), 727-727.		These observations clearly do not support the description of Leptopentacta solely as a cryptic deposit feeder, indeed the evidence for the adults deposit feeding at all is weak.		
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Feeding type	Surface filter feeder	2	Fankboner 1981	https://doi.org/10.1017/S0025315400048128	Regarding Fish´s (1967) data, which suggested to him that L. elongata feeds exclusively upon suspended silt, recent evidence (Hauksson, 1979; Roberts, 1979) indicates that particle-size selection is common among bottom-feeding sea cucumbers.		
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Injection pocket depth	0-2 cm	3	Wrede A et al 2018				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Mobility	Limited movement	2	Raymond et al 2021				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Mobility	slow movement through sediment	1	Queiros AM et al 2013				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Reworking	surficial modifiers	3	Raymond et al 2021				
217738	Echinodermata	Holothuroidea	Dendrochirotida	Cucumariidae	Leptopentacta elongata	Reworking	surficial modifiers	3	Queiros AM et al 2013				
217736	Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	Thyone fusus	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on burrowed life style with tentacles above surface				
217736	Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	Thyone fusus	Feeding type	Surface filter feeder	3	Clare et al 2022				
217736	Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	Thyone fusus	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist based on burrowed life style and size up to 20 cm				
217736	Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	Thyone fusus	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217736	Echinodermata	Holothuroidea	Dendrochirotida	Phyllophoridae	Thyone fusus	Reworking	surficial modifiers	3	Queiros AM et al 2013				
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist		Burrowing taxa with tentacles above surface		
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Feeding type	Deposit feeder	2	wikipedia				
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Feeding type	Surface filter feeder	2	Clare et al 2022				
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist		No information on depth of burrow		
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Mobility	Limited movement	3	Expert judgement Mats Blomqvist				
217743	Echinodermata	Holothuroidea	Dendrochirotida	Psolidae	Psolus phantapus	Reworking	epifauna	3	Expert judgement Eivind Oug				
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Burrow type	Open irrigation	3	Expert judgement Mats Blomqvist based on classification of other burrowing brittlestars by Wrede et al 2018 and Raymond et al 2021				
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Feeding type	Deposit feeder	3	Josefson, A.B., 1986. Temporal heterogeneity in deep-water soft-sediment benthos—an attempt to reveal temporal structure. Estuarine, Coastal and Shelf Science 23, 147–169	https://doi.org/10.1016/0272-7714(86)90051-X	Interface feeding detritivore		
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Injection pocket depth	0-2 cm	2	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11		
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Injection pocket depth	2-5 cm	1	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11		
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Injection pocket depth	5-10 cm	1	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11		
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
102866	Echinodermata	Ophiuroidea	Ophiurida	Amphilepididae	Amphilepis norvegica	Reworking	biodiffusors	3	Queiros AM et al 2013				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Burrow type	Open irrigation	3	Raymond et al 2021		Classifies both filiformis and chiajei as BT2		
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Burrow type	Open irrigation	3	Wrede A et al 2018		Classifies filiformis as BT2		
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Feeding type	Deposit feeder	2	Clare et al 2022				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Feeding type	Surface filter feeder	1	Carambha				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Injection pocket depth	2-5 cm	2	Carambha				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Injection pocket depth	5-10 cm	1	Carambha				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
1004764	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura	Reworking	biodiffusors	3	Queiros AM et al 2013				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Burrow type	Open irrigation	3	Raymond et al 2021				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Feeding type	Deposit feeder	3	Raymond et al 2021				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Feeding type	Deposit feeder	3	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Group I included mostlyselective SDF: the ophiuroidsA. chiajeiandA. squamata, juveniles ofC. macandreaeand the polychaeteLumbrinereissp., but also thecirripedS. scalpellum(ASF) and the amphipodHarpiniasp., whichwere classified as a species with a mixed di		
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Feeding type	Deposit feeder	3	Buchanan 1964	https://doi.org/10.1017/S0025315400027776	Amphiura chiajei does not show this response and feeds exclusively on deposited matter on the sediment surface.		
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Injection pocket depth	2-5 cm	2	Raymond et al 2021				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Injection pocket depth	5-10 cm	2	Norling et al 2007	10.3354/meps332011	Activities by Amphiura chiajei and Amphiura filiformis oxidized the sediment in the top 5 to 8 cm above and around the central disks of the ophiurids.		
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Mobility	slow movement through sediment	3	Raymond et al 2021				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Reworking	biodiffusors	3	Queiros AM et al 2013				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Reworking	biodiffusors	3	NIVA traits database				
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Reworking	biodiffusors	3	Hollertz et al. 1998	https://doi.org/10.1007/978-94-017-2864-5_23	A. chiajei is buried in the sediment with its disk at 4 to 6 cm depth. One or two arms are stretched up above the sediment to collect food at the surface.		
217698	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura chiajei	Reworking	biodiffusors	3	Raymond et al 2021				
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Burrow type	Open irrigation	3	Raymond et al 2021				
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Burrow type	Open irrigation	3	Wrede A et al 2018				
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Feeding type	Deposit feeder	2	Raymond et al 2021				
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Feeding type	Deposit feeder	2	Loo et al 1996	https://doi.org/10.3354/meps139143	Amphiura filiformis feeds on both deposited and suspended food items. Our study indicates that the flow regime, and the resulting flux may influence the relative importance of these feeding modes ... the passive suspension feeder A filiformis...In still water		
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Feeding type	Surface filter feeder	2	Buchanan 1964	https://doi.org/10.1017/S0025315400027776	Amphiura filiformis holds the arms up into the current flow with a rheotactic response to current direction and feeds by trapping both non-living particulate suspended matter and phytoplankton.		
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Feeding type	Surface filter feeder	2	Loo et al 1996	https://doi.org/10.3354/meps139143	Amphiura filiformis feeds on both deposited and suspended food items. Our study indicates that the flow regime, and the resulting flux may influence the relative importance of these feeding modes ... the passive suspension feeder A filiformis...In still water		
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Injection pocket depth	2-5 cm	2	Raymond et al 2021				
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Injection pocket depth	5-10 cm	1	Wrede A et al 2018				

217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Injection pocket depth	5-10 cm	1	Norling et al 2007	10.3354/meps332011	Activities by Amphiura chiajei and Amphiura filiformis oxidized the sediment in the top 5 to 8 cm above and around the central disks of the ophiurids.	
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Mobility	slow movement through sediment	3	Raymond et al 2021			
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Reworking	biodiffusors	3	Queiros AM et al 2013			
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Reworking	biodiffusors	3	NIVA traits database			
217699	Echinodermata	Ophiuroidea	Ophiurida	Amphiuridae	Amphiura filiformis	Reworking	biodiffusors	3	Raymond et al 2021			
217703	Echinodermata	Ophiuroidea	Ophiurida	Ophiotrichidae	Ophiothrix fragilis	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic living			
217703	Echinodermata	Ophiuroidea	Ophiurida	Ophiotrichidae	Ophiothrix fragilis	Feeding type	Surface filter feeder	3	Allen, J. R. (1998). Suspension feeding in the brittle-star Ophiothrix fragilis: efficiency of particle retention and implications for the use of encounter-rate models. Marine Biology, 132, 383-390.		As the title of the paper says	
217703	Echinodermata	Ophiuroidea	Ophiurida	Ophiotrichidae	Ophiothrix fragilis	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic living			
217703	Echinodermata	Ophiuroidea	Ophiurida	Ophiotrichidae	Ophiothrix fragilis	Mobility	Limited movement	3	Queiros AM et al 2013			
217703	Echinodermata	Ophiuroidea	Ophiurida	Ophiotrichidae	Ophiothrix fragilis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Feeding type	Deposit feeder	2	Expert judgement Mats Blomqvist based on other taxa in this genus			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Feeding type	Predator	1	Clare et al 2022			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Mobility	Limited movement	3	Queiros AM et al 2013			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Reworking	surficial modifiers	3	NIVA traits database			
1004770	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Deposit feeder	2	Wrede A et al 2018			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Deposit feeder	2	Sköld & Rosenberg 1996	https://doi.org/10.1016/S1385-1101(96)90762-5	predator and deposit feeder	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive suspension feeder; Active suspension feeder; Surface deposit feeder; Sub-Surface deposit feeder	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Deposit feeder	2	Autökologischer Atlas	IFAÖ & AWI (2008): Autökologischer Atlas benthischer wirbelloser Tiere in der Deutschen Nord- und Ostsee., Version 1.1. CD-ROM im Auftrag des BMU, FKZ 0329997	O. albida ernährt sich als Räuber und Substratfresser (Sköld & Rosenberg 1996). In den oberen 1 - 3 cm des Sedimentes werden kleine Muscheln, Borstenwürmer, Krebse, Aas, Detritus, Phytoplankton und auch Artgenossen gefressen. Mit der Nahrungsaufnahme werd	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Deposit feeder	2	Boos et al. 2010	https://doi.org/10.1016/j.jembe.2010.07.021	For O. albida, stationary burrowing behaviour suggests deposit feeding, predating and/or scavenging on infaunal organisms to be the predominant feeding behaviour rather than hunting for epibenthic prey organisms;	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Predator	2	Sköld & Rosenberg 1996	https://doi.org/10.1016/S1385-1101(96)90762-5	predator and deposit feeder	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Predator	2	Clare et al 2022			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Predator	2	Boos et al. 2010	https://doi.org/10.1016/j.jembe.2010.07.021	For O. albida, stationary burrowing behaviour suggests deposit feeding, predating and/or scavenging on infaunal organisms to be the predominant feeding behaviour rather than hunting for epibenthic prey organisms;	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Predator	2	Raymond et al 2021			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Feeding type	Predator	2	Autökologischer Atlas	IFAÖ & AWI (2008): Autökologischer Atlas benthischer wirbelloser Tiere in der Deutschen Nord- und Ostsee., Version 1.1. CD-ROM im Auftrag des BMU, FKZ 0329997	O. albida ernährt sich als Räuber und Substratfresser (Sköld & Rosenberg 1996). In den oberen 1 - 3 cm des Sedimentes werden kleine Muscheln, Borstenwürmer, Krebse, Aas, Detritus, Phytoplankton und auch Artgenossen gefressen. Mit der Nahrungsaufnahme werd	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Mobility	Limited movement	3	Queiros AM et al 2013			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Reworking	surficial modifiers	3	NIVA traits database			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Reworking	surficial modifiers	3	Boos et al. 2010	https://doi.org/10.1016/j.jembe.2010.07.021	Although leading an epibenthic lifestyle, burrowing – referring to a position just slightly below the sediment surface mostly with the arm tips still exposed above sediment level – has been reported to be a common response to potential stressors (e.g. pre	
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Reworking	surficial modifiers	3	NIVA traits database			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217706	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura albida	Reworking	surficial modifiers	3	Raymond et al 2021			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Burrow type	Epifauna, internal irrigation	3	Boos et al. 2010	https://doi.org/10.1016/j.jembe.2010.07.021	Although leading an epibenthic lifestyle, burrowing – referring to a position just slightly below the sediment surface mostly with the arm tips still exposed above sediment level – has been reported to be a common response to potential stressors (e.g. pre	
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Feeding type	Deposit feeder	2	Wrede A et al 2018			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Feeding type	Predator	1	Boos et al. 2010	https://doi.org/10.1016/j.jembe.2010.07.021	In contrast, O. ophiura seems to be a true hunter and predator for epibenthic prey which was reflected in the experiments by low burrowing activities in presence of food enriched sediments.	
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Feeding type	Predator	1	Clare et al 2022			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Mobility	Limited movement	3	Queiros AM et al 2013			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Reworking	surficial modifiers	3	NIVA traits database			
217707	Echinodermata	Ophiuroidea	Ophiurida	Ophiuridae	Ophiura ophiura	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233492	Hemichordata	Enteropneusta		Ptychoderidae	Glossobalanus marginatus	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist, based on deep infauna by Clare et al 2022			
233492	Hemichordata	Enteropneusta		Ptychoderidae	Glossobalanus marginatus	Feeding type	Deposit feeder	3	Clare et al 2022			
233492	Hemichordata	Enteropneusta		Ptychoderidae	Glossobalanus marginatus	Injection pocket depth	> 10 cm	3	Expert judgement Mats Blomqvist, based on deep infauna by Clare et al 2022			
233492	Hemichordata	Enteropneusta		Ptychoderidae	Glossobalanus marginatus	Mobility	free movement via burrow system	3	Expert judgement Mats Blomqvist, based on other information from Enteropneusta by Queiros et al 2013			
233492	Hemichordata	Enteropneusta		Ptychoderidae	Glossobalanus marginatus	Reworking	regenerators	3	Expert judgement Mats Blomqvist, based on other information from Enteropneusta by Queiros et al 2013			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Feeding type	Predator	3	Clare et al 2022			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Feeding type	Predator	3	Raymond et al 2021			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Mobility	Limited movement	3	Raymond et al 2021			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Reworking	biodiffusors	2	Raymond et al 2021			
1005088	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria	Reworking	upward and downward conveyors	1	Queirós, A.M., Birchenough, S.N.R., Bremner, J., Godbold, J.A., Parker, R.E., Romero-Ramirez, A., Reiss, H., Solan, M., Somerfield, P.J., Colen, C.V., Hoey, G.V., Widdicombe, S. (2013) A bioturbation classification of European marine infaunal invertebrate	10.1002/ece3.769	C. obesa: Upward-downward conveyor, limitted movement.	
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Feeding type	Predator	3	Clare et al 2022			

102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Feeding type	Predator	3	Raymond et al 2021			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Mobility	Limited movement	3	Queiros AM et al 2013			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Mobility	Limited movement	3	Raymond et al 2021			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Reworking	biodiffusors	2	Raymond et al 2021			
102754	Mollusca	Bivalvia	Anomalodesmata	Cuspidariidae	Cuspidaria obesa	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on species in this genus			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Feeding type	Surface filter feeder	3	Expert judgement Mats Blomqvist based on species in this genus			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Injection pocket depth	> 10 cm	2	Expert judgement Mats Blomqvist based on species in this genus			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Injection pocket depth	0-2 cm	1	Expert judgement Mats Blomqvist based on species in this genus			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Mobility	Limited movement	3	Queiros AM et al 2013			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Reworking	surficial modifiers	1	Expert judgement Mats Blomqvist based on species in this genus			
1005092	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Burrow type	Epifauna, internal irrigation	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow			Fig 2.22
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Feeding type	Surface filter feeder	3	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		Thracia meridionalis is thus a suspension-feeder, like members of the related thracioidean families Laternulidae and Periplomatidae. Bivalve, so suspension feeding must be active.
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Feeding type	Surface filter feeder	3	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		For Thracia meridionalis: Fig. 6:Bivalve laying on its side in about 3 cm depth in the sediment with two siphons sticking out to the surface
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Feeding type	Surface filter feeder	3	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n453		Table 1: T. corbuloides and T. papyracea regarded suspension feeder, must be active in Bivalvia
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Feeding type	Surface filter feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006		Table 1: Thracia papyracea regarded suspension feeder, must be active in Bivalvia
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Feeding type	Surface filter feeder	3	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n467		Table 2: Thracia villosiuscula: Soft bottom infauna and filter feeder, must be active in Bivalvia
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Injection pocket depth	> 10 cm	3	Beauchard et al 2021			Burrowing depth 5-15 cm
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Injection pocket depth	> 10 cm	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow			Fig 2.22 + this species was found buried at depths of 10-20 cm in the mud in Loch Riddon and Loch Creran.
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Mobility	Limited movement	3	Queiros AM et al 2013			
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Reworking	surficial modifiers	1	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		For Thracia meridionalis: Fig. 6:Bivalve laying on its side in about 3 cm depth in the sediment with two siphons sticking out to the surface
218247	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia convexa	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		For Thracia meridionalis: Fig. 6:Bivalve laying on its side in about 3 cm depth in the sediment with two siphons sticking out to the surface
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		Thracia meridionalis is thus a suspension-feeder, like members of the related thracioidean families Laternulidae and Periplomatidae. Bivalve, so suspension feeding must be active.
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n467		Table 2: Thracia villosiuscula: Soft bottom infauna and filter feeder, must be active in Bivalvia
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Clare et al. 2017	https://doi.org/10.1111/oik.03661		Table 2: feeding mode: suspension feeding, must be active in Bivalvia
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n453		Table 1: T. corbuloides and T. papyracea regarded suspension feeder, must be active in Bivalvia
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Feeding type	Surface filter feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006		Table 1: Thracia papyracea regarded suspension feeder, must be active in Bivalvia
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Mobility	Limited movement	3	Queiros AM et al 2013			
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Reworking	surficial modifiers	1	Sartori & Domaneschi 2004	https://doi.org/10.1093/mollus/eyi028		For Thracia meridionalis: Fig. 6:Bivalve laying on its side in about 3 cm depth in the sediment with two siphons sticking out to the surface
218249	Mollusca	Bivalvia	Anomalodesmata	Thraciidae	Thracia phaseolina	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
1005094	Mollusca	Bivalvia	Carditida	Astartidae	Astarte	Burrow type	Epifauna, internal irrigation	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)
1005094	Mollusca	Bivalvia	Carditida	Astartidae	Astarte	Feeding type	Surface filter feeder	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace)
1005094	Mollusca	Bivalvia	Carditida	Astartidae	Astarte	Injection pocket depth	0-2 cm	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)
1005094	Mollusca	Bivalvia	Carditida	Astartidae	Astarte	Mobility	Limited movement	3	Gogina M ICES BEWG BENS			
1005094	Mollusca	Bivalvia	Carditida	Astartidae	Astarte	Reworking	surficial modifiers	3	Gogina M ICES BEWG BENS			
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Burrow type	Epifauna, internal irrigation	3	Queiros et al (2013)	10.1002/ece3.769		Astarte borealis and montagui: surface modifiers, BPc-Mi2 and Ri2
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Burrow type	Epifauna, internal irrigation	3	Clare et al (2022)	10.1038/s41597-022-01442-y		Genus Astarte: mob_Sessile, f_Suspension, lh_Burrow_dwelling, sp_Shallow_infauna_0_to_5cm
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Feeding type	Surface filter feeder	3	Clare et al 2022			
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Injection pocket depth	0-2 cm	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Mobility	Limited movement	3	Queiros et al. 2013			
102734	Mollusca	Bivalvia	Carditida	Astartidae	Astarte borealis s.lat.	Reworking	surficial modifiers	3	Queiros et al. 2013			
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Burrow type	Epifauna, internal irrigation	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Feeding type	Surface filter feeder	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace)
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Injection pocket depth	0-2 cm	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143		Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Mobility	Limited movement	3	Queiros et al. 2013			
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Reworking	surficial modifiers	3	NIVA traits database			
102733	Mollusca	Bivalvia	Carditida	Astartidae	Astarte elliptica	Reworking	surficial modifiers	3	Queiros et al. 2013			

218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Burrow type	Epifauna, internal irrigation	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)		
218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Feeding type	Surface filter feeder	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace)		
218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Injection pocket depth	0-2 cm	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)		
218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Mobility	Limited movement	3	Hayward & Ryland 1996; WORMS				
218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Mobility	Limited movement	3	Queiros AM et al 2013				
218255	Mollusca	Bivalvia	Carditida	Astartidae	Astarte montagui	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Burrow type	Epifauna, internal irrigation	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)		
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Feeding type	Surface filter feeder	3	Stanley, S.M. 1968. "Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation." Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace)		
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Injection pocket depth	2-5 cm	3	Widdicombe et al 2004. Importance of bioturbators for biodiversity maintenance: indirect effects of fishing disturbance. Mar Ecol Prog Ser Vol. 275: 1–10		Page 3: Astarte sulcata (da Costa, 1778) is a medium-sized (shell length up to 3 cm) bivalve that remains near the sediment surface with the upper edge of its shell protruding slightly into the water column.		
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Injection pocket depth	2-5 cm	3	Stanley, S.M. 1968. Post-Paleozoic Adaptive Radiation of Infaunal Bivalve Molluscs: A Consequence of Mantle Fusion and Siphon Formation. Journal of Paleontology 42: 214–29.	https://www.jstor.org/stable/1302143	Fig 5. Infaunal non-siphonate suspension feeders. A, Atrina (Pteriacea). B, Astarte (Astartace). + Page 223: Sluggish, non-siphonate burrowers like Astarte (Saleuddin, 1965)		
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Mobility	Limited movement	3	Gogina M ICES BEWG BENS				
218256	Mollusca	Bivalvia	Carditida	Astartidae	Astarte sulcata	Reworking	surficial modifiers	3	NIVA traits database				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Burrow type	Blind ended irrigation	1	Gwyn-Jeffreys	http://www.vliz.be/imisdocs/publications/222911.pdf	For Solenoidae: The razorfishes (or " spoutfishes," as they were called by Grew and other naturalists of former days) usually burrow in sand at the verge of low-water mark, not perpendicularly, but in a slanting direction at an angle of about 60 degrees.		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Burrow type	Blind ended irrigation	1	Wrede A et al 2018				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Burrow type	Epifauna, internal irrigation	2	Owen 1959	https://doi.org/10.1098/rstb.1959.0001	For Solenoidae: As suspension-feeding bivalves obtaining their food from the water above the substrate, members of the Solenidae never need to change position horizontally and the result of evolutionary change within the family has been to increase the sp		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Burrow type	Epifauna, internal irrigation	2	Raymond et al 2021				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n4573	Table 1: suspension feeder		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	Ansell 1969b	https://doi.org/10.1093/oxfordjournals.molluscs.a065059	Phaxas pellucidus, Ensis arcuatus and E. siliqua collected at Millport all perform leaping movements when exposed on hard substrata, following attempts to burrow. MacGinitie and MacGinitie (1949) attribute a leaping ability to Solen similar to that of Tag		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	Raymond et al 2021				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: suspension feeder		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	Wrede A et al 2018				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Feeding type	Surface filter feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Active and passive suspenison feeder		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Injection pocket depth	0-2 cm	1	Wrede A et al 2018				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Injection pocket depth	2-5 cm	2	Raymond et al 2021				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Mobility	Limited movement	3	Queiros AM et al 2013				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Mobility	Limited movement	3	Raymond et al 2021				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Reworking	biodiffusors	2	Ansell 1969b	https://doi.org/10.1093/oxfordjournals.molluscs.a065059	Phaxas pellucidus, Ensis arcuatus and E. siliqua collected at Millport all perform leaping movements when exposed on hard substrata, following attempts to burrow. MacGinitie and MacGinitie (1949) attribute a leaping ability to Solen similar to that of Tag		
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Reworking	biodiffusors	2	Raymond et al 2021				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Reworking	surficial modifiers	2	Queiros AM et al 2013				
218300	Mollusca	Bivalvia	Euheterodonta, families incertae sedis	Pharidae	Phaxas pellucidus	Reworking	surficial modifiers	2	NIVA traits database				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Burrow type	Blind ended irrigation	3	Dando, P. R., Ridgway, S. A., & Spiro, B. (1994). Sulphide "mining" by lucinid bivalve molluscs: demonstrated by stable sulphur isotope measurements and experimental models. Marine Ecology Progress Series, 107(1/2), 169–175. http://www.jstor.org/stable/24	10.1098/rspb.1986.0021	Page 231-232: Construction of an inhalent tube that allows the bivalve to draw water from the surface. The position of the inhalant tube is changed periodically.		
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Feeding type	Surface filter feeder	3	Tunberg, B. (1981). Two bivalve communities in a shallow and sandy bottom in Raunefjorden, western Norway. Sarsia, 66(4), 257-266.	10.1080/00364827.1981.10414544	Suspension feeder		
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Feeding type	Surface filter feeder	3	Clare et al 2022				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Injection pocket depth	> 10 cm	3	Dando, P. R., Ridgway, S. A., & Spiro, B. (1994). Sulphide "mining" by lucinid bivalve molluscs: demonstrated by stable sulphur isotope measurements and experimental models. Marine Ecology Progress Series, 107(1/2), 169–175. http://www.jstor.org/stable/24	10.1098/rspb.1986.0021	Page 231: found 12-20 cm deep in the sediment		
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Mobility	Limited movement	3	BIOTIC				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Mobility	Limited movement	3	Queiros AM et al 2013				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Reworking	surficial modifiers	3	BIOTIC				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Reworking	surficial modifiers	3	BIOTIC				
218279	Mollusca	Bivalvia	Lucinida	Lucinidae	Lucinoma borealis	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Feeding type	Surface filter feeder	3	Clare et al 2022				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Feeding type	Surface filter feeder	3	Raymond et al 2021				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Mobility	Limited movement	3	Raymond et al 2021				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Mobility	Limited movement	3	Queiros AM et al 2013				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Reworking	biodiffusors	2	Raymond et al 2021				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Reworking	surficial modifiers	2	NIVA traits database				
218280	Mollusca	Bivalvia	Lucinida	Lucinidae	Myrtea spinifera	Reworking	surficial modifiers	2	Queiros AM et al 2013				
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021				
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Feeding type	Surface filter feeder	3	Raymond et al 2021				
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Mobility	Limited movement	3	Raymond et al 2021				
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Mobility	Limited movement	3	Queiros AM et al 2013				

249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Reworking	biodiffusors	2	Raymond et al 2021			
249458	Mollusca	Bivalvia	Lucinida	Thyasiridae	Mendicula ferruginosa	Reworking	surficial modifiers	1	Queiros AM et al 2013			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Burrow type	Blind ended irrigation	2	Expert judgment Mats Blomqvist based on Wrede et al 2018 for Thyasira flexuosa			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Burrow type	Epifauna, internal irrigation	2	Expert judgment Mats Blomqvist based on Raymond et al 2021 for Thyasira flexuosa			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Feeding type	Deposit feeder	2	Expert judgment Mats Blomqvist based on Thyasira flexuosa			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Feeding type	Sub surface filter feeder	2	Expert judgment Mats Blomqvist based on Thyasira flexuosa			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Injection pocket depth	5-10 cm	3	Expert judgment Mats Blomqvist based on other Thyasira species			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Mobility	Limited movement	3	Queiros AM et al 2013			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Reworking	biodiffusors	1	Expert judgment Mats Blomqvist based on Raymond et al 2021 for Thyasira flexuosa			
1005144	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Mobility	Limited movement	3	Queiros AM et al 2013			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Mobility	Limited movement	3	Raymond et al 2021			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Reworking	biodiffusors	2	Raymond et al 2021			
218348	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira equalis	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Burrow type	Blind ended irrigation	1	Wrede A et al 2018			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Burrow type	Epifauna, internal irrigation	2	Raymond et al 2021			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Deposit feeder	2	Wrede A et al 2018			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Thyasira flexuosa regarded as selective deposit feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: selective deposit feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Deposit feeder	2	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n453	Table 1: deposit feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder (subsurface and surface), detritus feeder, suspension feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Sub surface filter feeder	2	Dando et al. 2004	https://doi.org/10.3354/meps280181	Bivalves of the genus Thyasira use their extremely extensible foot to construct deep burrows beneath their shell (Allen 1958, Dando & Southward 1986) to take up free sulphide from deep in the sediment. The thyasirids lack a siphon and use the foot to cons	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Sub surface filter feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: suspension feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Sub surface filter feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder (subsurface and surface), detritus feeder, suspension feeder	
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Feeding type	Surface filter feeder	2	Raymond et al 2021			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Mobility	Limited movement	3	Raymond et al 2021			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Mobility	Limited movement	3	Queiros AM et al 2013			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Reworking	biodiffusors	2	Raymond et al 2021			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Reworking	upward and downward conveyors	1	NIVA traits database			
218350	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira flexuosa	Reworking	upward and downward conveyors	1	Queiros AM et al 2013			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Mobility	Limited movement	3	Raymond et al 2021			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Mobility	Limited movement	3	Queiros AM et al 2013			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Reworking	biodiffusors	2	Raymond et al 2021			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Reworking	upward and downward conveyors	2	NIVA traits database			
218353	Mollusca	Bivalvia	Lucinida	Thyasiridae	Thyasira sarsii	Reworking	upward and downward conveyors	2	Queiros AM et al 2013			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Feeding type	Surface filter feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive & Active suspension feeder	
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Feeding type	Surface filter feeder	3	Yonge 1946	https://doi.org/10.1017/S0025315400012182	A sedentary suspension feeder....In Corbula gibba the inhalent siphon is flush with the surface of the substratum so that the feeding current is drawn in from the lowest water levels and so contains much bottom material which will include bottom living diat	
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder	
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Mobility	Limited movement	3	Queiros AM et al 2013			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Mobility	Limited movement	3	Raymond et al 2021			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Reworking	surficial modifiers	3	NIVA traits database			
218266	Mollusca	Bivalvia	Myoida	Corbulidae	Corbula gibba	Reworking	surficial modifiers	3	Raymond et al 2021			
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Feeding type	Surface filter feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	Active and passive suspenison feeder	
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Injection pocket depth	> 10 cm	3	Pelegri, S. P., & Blackburn, T. H. (1995). Effect of bioturbation by Nereis sp., Mya arenaria and Cerastoderma sp. on nitrification and denitrification in estuarine sediments. Ophelia, 42(1), 289-299.	10.1080/00785326.1995.10431509	Page 290: Mya arenaria is generally situated at 15-25 cm depth in the sediment and the large siphon (inhalent and exhalent siphon grown together) can be stretched out and withdrawn like a telescope.	
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Injection pocket depth	> 10 cm	3	Haider et al 2018	10.1242/jeb.172643	Page 3: The preferred burial depth of the clams of the studied size range (10–14 cm) (Emerson et al., 1990; Zwarts and Wanink, 1989). Page 9: herefore, frequent disturbance is the most relevant stressor for the smaller clams such as those used in the pres	
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Mobility	Limited movement	3	Queiros AM et al 2013			
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Reworking	biodiffusors	2	Norkko et al (2013). Size matters: implications of the loss of large individuals for ecosystem function. Scientific Reports, 3:2646	10.1038/srep02646	Page 5: both Macoma balthica and Mya arenaria are sediment biodiffusers	
218290	Mollusca	Bivalvia	Myoida	Myidae	Mya arenaria	Reworking	upward and downward conveyors	2	Muus (1967)			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Feeding type	Surface filter feeder	3	Clare et al 2022			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Injection pocket depth	> 10 cm	3	Wrede A et al 2018			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Mobility	Limited movement	3	Queiros AM et al 2013			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Reworking	surficial modifiers	2	Queiros AM et al 2013			
218291	Mollusca	Bivalvia	Myoida	Myidae	Mya truncata	Reworking	upward and downward conveyors	2	Expert judgement Mats Blomqvist based on deep living and movement of siphons up and down in the sediment			
218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Feeding type	Surface filter feeder	3	Nasi et al 2020			
218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Mobility	Limited movement	3	Queiros AM et al 2013			
218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Reworking	surficial modifiers	3	Nasi et al 2020			

218380	Mollusca	Bivalvia	Mytiloida	Mytilidae	Modiolula phaseolina	Reworking	surficial modifiers	3	Queiros AM et al 2013			
106665	Mollusca	Bivalvia	Mytiloida	Mytilidae	Mytilus edulis	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
106665	Mollusca	Bivalvia	Mytiloida	Mytilidae	Mytilus edulis	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
106665	Mollusca	Bivalvia	Mytiloida	Mytilidae	Mytilus edulis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
106665	Mollusca	Bivalvia	Mytiloida	Mytilidae	Mytilus edulis	Mobility	Fixed tubes	3	Queiros AM et al 2013			
106665	Mollusca	Bivalvia	Mytiloida	Mytilidae	Mytilus edulis	Reworking	epifauna	3	Queiros AM et al 2013			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other Nuculana taxa			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Feeding type	Deposit feeder	3	Clare et al 2022			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Feeding type	Deposit feeder	3	Clare et al 2022			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other Nuculana taxa			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Mobility	Limited movement	2	Expert judgement Mats Blomqvist based on other Nuculana taxa			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Mobility	slow movement through sediment	2	Expert judgement Mats Blomqvist based on other Nuculana taxa			
1005084	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on other Nuculana taxa			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on other Nuculana taxa			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Feeding type	Deposit feeder	3	Clare et al 2022			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Feeding type	Deposit feeder	3	Clare et al 2022			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other Nuculana taxa			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218227	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana minuta	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Burrow type	Epifauna, internal irrigation	3	Lindqvist, S., Engelbrektsson, J., Eriksson, S.P., Hulth, S., 2016. Functional classification of bioturbating macrofauna in marine sediments using time-resolved imaging of particle displacement and multivariate analysis. Biogeosciences Discussions 1–30	https://doi.org/10.5194/bg-2016-411	Mounds (larger in the N. pernula treatments) were created across the luminophore layer initially deposited on the sediment surface.	
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Feeding type	Deposit feeder	3	WORMS		detritus feeder	
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Feeding type	Deposit feeder	3	McTigue, N. D., & Dunton, K. H. (2017). Trophodynamics of the Hanna Shoal Ecosystem (Chukchi Sea, Alaska): Connecting multiple end-members to a rich food web. Deep Sea Research Part II: Topical Studies in Oceanography, 144, 175-189.		deposit feeder	
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Injection pocket depth	0-2 cm	3	Lindqvist, S., Engelbrektsson, J., Eriksson, S.P., Hulth, S., 2016. Functional classification of bioturbating macrofauna in marine sediments using time-resolved imaging of particle displacement and multivariate analysis. Biogeosciences Discussions 1–30	https://doi.org/10.5194/bg-2016-411	According to visual observations of the aquaria N. pernula reworked the sediment down to 1-2 cm depth. At the termination of the incubation N. pernula was recovered at 1.5-3.5 cm depth.	
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Mobility	Limited movement	3	Kędra, M., Gromisz, S., Jaskuła, R., Legeżyńska, J., Maciejewska, B., Malec, E., ... & Węsławski, J. M. (2010). Soft bottom macrofauna of an All Taxa biodiversity site: Hornsund (77 N, Svalbard). Polish Polar Research, 309-326.		discretely motile	
218228	Mollusca	Bivalvia	Nuculanoida	Nuculanidae	Nuculana pernula	Reworking	surficial modifiers	3	NIVA traits database			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on Yoldiella philippiana			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Feeding type	Deposit feeder	3	Clare et al 2022			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Feeding type	Deposit feeder	3	Clare et al 2022			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Yoldiella philippiana			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218235	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella lucida	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218237	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella philippiana	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
218237	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella philippiana	Feeding type	Deposit feeder	3	Raymond et al 2021			
218237	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella philippiana	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
218237	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella philippiana	Mobility	slow movement through sediment	3	Raymond et al 2021			
218237	Mollusca	Bivalvia	Nuculanoida	Yoldiidae	Yoldiella philippiana	Reworking	surficial modifiers	3	Raymond et al 2021			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Feeding type	Deposit feeder	3	Raymond et al 2021			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Mobility	slow movement through sediment	3	Raymond et al 2021			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Reworking	surficial modifiers	3	NIVA traits database			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218229	Mollusca	Bivalvia	Nuculoida	Nuculidae	Ennucula tenuis	Reworking	surficial modifiers	3	Raymond et al 2021			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on taxa in this genus			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Feeding type	Deposit feeder	3	Clare et al 2022			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Feeding type	Deposit feeder	3	Clare et al 2022			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Injection pocket depth	0-2 cm	1	Expert judgement Mats Blomqvist based on taxa in this genus			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on taxa in this genus			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1005086	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Wrede A et al 2018			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Clare et al 2022			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Raymond et al 2021			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Clare et al 2022			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Davis & Wilson 1985	https://doi.org/10.2307/4498	As a protobrance it lacks extensive gills typical of most bivalbes and is therefore an obligate deposit feeder...highly selctive deposit feeder	
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Feeding type	Deposit feeder	3	Creutzberg et al. 1984	ISSN 0074-4336 http://www.vliz.be/imisdocs/publications/14729.pdf	Nucula is a subsurface deposit feeder	
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Injection pocket depth	0-2 cm	1	Wrede A et al 2018			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Injection pocket depth	2-5 cm	2	Raymond et al 2021			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Mobility	slow movement through sediment	3	Raymond et al 2021			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218231	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nitidosa	Reworking	surficial modifiers	3	Raymond et al 2021			
218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Feeding type	Deposit feeder	3	Clare et al 2022			
218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Feeding type	Deposit feeder	3	Clare et al 2022			

218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on other taxa in this genus			
218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218232	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula nucleus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Burrow type	Blind ended irrigation	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Feeding type	Deposit feeder	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Feeding type	Deposit feeder	3	Pearson, T.H., Josefson, A.B., Rosenberg, R., 1985. Petersen's benthic stations revisited. I. Is the Kattegatt becoming eutrophic? Journal of Experimental Marine Biology and Ecology 92, 157–206	10.1016/0022-0981(85)90094-2	Table IV. Nucula sulcata deposit feeder	
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Injection pocket depth	0-2 cm	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Reworking	surficial modifiers	3	NIVA traits database			
218233	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula sulcata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Burrow type	Blind ended irrigation	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Feeding type	Deposit feeder	3	Clare et al 2022			
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Feeding type	Deposit feeder	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Feeding type	Deposit feeder	3	Clare et al 2022			
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Injection pocket depth	0-2 cm	3	Stanley, S. M. (1968). Post-Paleozoic adaptive radiation of infaunal bivalve molluscs: a consequence of mantle fusion and siphon formation. Journal of Paleontology, 214-229	https://www.jstor.org/stable/1302143	TEXT-FIG. 3-Labial palp deposit feeders (Nuculacea)	
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218234	Mollusca	Bivalvia	Nuculoida	Nuculidae	Nucula tumidula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1005174	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on P. tigerinum			
1005174	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum	Feeding type	Surface filter feeder	3	Clare et al 2022			
1005174	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on P. tigerinum			
1005174	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on P. tigerinum			
1005174	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on P. tigerinum			
218396	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum tigerinum	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on the epibenthic life style			
218396	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum tigerinum	Feeding type	Surface filter feeder	3	Clare et al 2022			
218396	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum tigerinum	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on the epibenthic life style			
218396	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum tigerinum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218396	Mollusca	Bivalvia	Pectinoida	Pectinidae	Palliolum tigerinum	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218398	Mollusca	Bivalvia	Pectinoida	Pectinidae	Pseudamussium peslutrae	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218398	Mollusca	Bivalvia	Pectinoida	Pectinidae	Pseudamussium peslutrae	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218398	Mollusca	Bivalvia	Pectinoida	Pectinidae	Pseudamussium peslutrae	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on the epibenthic life style			
218398	Mollusca	Bivalvia	Pectinoida	Pectinidae	Pseudamussium peslutrae	Mobility	slow movement through sediment	3	Raymond et al 2021			
218398	Mollusca	Bivalvia	Pectinoida	Pectinidae	Pseudamussium peslutrae	Reworking	surficial modifiers	3	Raymond et al 2021			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Feeding type	Surface filter feeder	3	Shumway et al. 1985	https://doi.org/10.1016/0022-0981(85)90222-9	preingestive selection on the labial palps: the diatom Phaeo was consistently and preferentially rejected in the pseudofaeces of Ensis directus Conrad, Placopecfen magellanicus (Gmelin) and Arctica islandica (L.),	
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Feeding type	Surface filter feeder	3	Kiørboe & Møhlenberg 1981	https://doi.org/10.3354/meps005291	...the particle suspension offered and the pseudofaeces rejected by the actively filtering bivalves..... Including A. islandica	
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Mobility	Limited movement	3	Queiros AM et al 2013			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Mobility	Limited movement	3	Present study			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Reworking	upward and downward conveyors	3	Clare et al 2022			
218252	Mollusca	Bivalvia	Veneroida	Arcticidae	Arctica islandica	Reworking	upward and downward conveyors	3	Present study			
218257	Mollusca	Bivalvia	Veneroida	Cardiidae	Acanthocardia echinata	Burrow type	Epifauna, internal irrigation	3	Carambha			
218257	Mollusca	Bivalvia	Veneroida	Cardiidae	Acanthocardia echinata	Feeding type	Surface filter feeder	3	Sciberras, M., Tait, K., Brochain, G., Hiddink, J.G., Hale, R., Godbold, J.A., Solan, M., 2017. Mediation of nitrogen by post-disturbance shelf communities experiencing organic matter enrichment. Biogeochemistry 135, 135–153	https://doi.org/10.1007/s10533-017-0370-5	Table 3: suspension feeder	
218257	Mollusca	Bivalvia	Veneroida	Cardiidae	Acanthocardia echinata	Injection pocket depth	0-2 cm	3	Sciberras, M., Tait, K., Brochain, G., Hiddink, J.G., Hale, R., Godbold, J.A., Solan, M., 2017. Mediation of nitrogen by post-disturbance shelf communities experiencing organic matter enrichment. Biogeochemistry 135, 135–153	https://doi.org/10.1007/s10533-017-0370-5	the shallow-burying bivalves A. echinata and C. striatula and the tube-building polychaetes do not build extensive burrow systems deep within the sediment	
218257	Mollusca	Bivalvia	Veneroida	Cardiidae	Acanthocardia echinata	Mobility	Limited movement	3	Queiros AM et al 2013			
218257	Mollusca	Bivalvia	Veneroida	Cardiidae	Acanthocardia echinata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Mobility	Limited movement	3	Queiros AM et al 2013			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Mobility	Limited movement	3	Raymond et al 2021			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Reworking	surficial modifiers	3	Raymond et al 2021			
218263	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium minimum	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Mobility	Limited movement	3	Raymond et al 2021			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Mobility	Limited movement	3	Queirós et al. (2013)			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Mobility	Limited movement	3	Gogina et al. 2017			

218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Reworking	surficial modifiers	3	Queirós et al. (2013)			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Reworking	surficial modifiers	3	NIVA traits database			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Reworking	surficial modifiers	3	Raymond et al 2021			
218264	Mollusca	Bivalvia	Veneroida	Cardiidae	Parvicardium pinnulatum	Reworking	surficial modifiers	3	Gogina et al. 2017			
249545	Mollusca	Bivalvia	Veneroida	Kelliellidae	Kelliella miliaris	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on knowledge that one siphon exists in this taxa			
249545	Mollusca	Bivalvia	Veneroida	Kelliellidae	Kelliella miliaris	Feeding type	Surface filter feeder	3	Rosenberg, R., Hellman, B., Lundberg, A., 1996. Benthic macrofaunal community structure in the Norwegian Trench, deep skagerrak. Journal of Sea Research 35, 181–188	https://doi.org/10.1016/S1385-1101(96)90745-5	Kelliella miliaris a suspension feeder	
249545	Mollusca	Bivalvia	Veneroida	Kelliellidae	Kelliella miliaris	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on knowledge that one siphon exists in this small taxa (3mm)			
249545	Mollusca	Bivalvia	Veneroida	Kelliellidae	Kelliella miliaris	Mobility	Limited movement	3	Queiros AM et al 2013			
249545	Mollusca	Bivalvia	Veneroida	Kelliellidae	Kelliella miliaris	Reworking	biodiffusors	3	Queiros AM et al 2013			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Deposit feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	selective deposit feeder (Table 2)	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Deposit feeder	2	Raymond et al 2021			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Surface deposit feeder, Sub-surface deposit feeder	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Sub surface filter feeder	2	Wrede A et al 2018			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Sub surface filter feeder	2	Ockelmann & Muus 1978	https://doi.org/10.1080/00785326.1978.10425474	Page 80: Thus, M. bidentata seems able to utilize deposited food which is resuspended by ciliary mechanisms on the foot and in the mantle cavity.	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Feeding type	Sub surface filter feeder	2	Ockelmann & Muus 1978	https://doi.org/10.1080/00785326.1978.10425474	In the laboratory, Mysella prefers to live in the oxydized layers around the burrow of Amphiura. Dense Amphiura populations enlarge the water-sediment interface and thereby the oxydized layers and the microbial activity. This benefits Mysella which obtain	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Injection pocket depth	2-5 cm	3	Ockelmann & Muus (1978). The biology, ecology and behaviour of the Bivalve Mysella bidentata (Montagu). Ophelia, 17:1–93	10.1080/00785326.1978.10425474	Page 13: Fig 4. Depth distribution 1 - 4 cm	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Mobility	Limited movement	3	Raymond et al 2021			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Mobility	Limited movement	3	Queiros AM et al 2013			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Reworking	biodiffusors	2	Raymond et al 2021			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Reworking	biodiffusors	2	Ockelmann & Muus (1978). The biology, ecology and behaviour of the Bivalve Mysella bidentata (Montagu). Ophelia, 17:1–93.	10.1080/00785326.1978.10425474	Page 13: Fig 4. Depth distribution in the sediment. Mysella bidentata is found down to ca 4,5 cm. Page 80: Thus, M. bidentata seems able to utilize deposited food which is resuspended by ciliary mechanisms on the foot and in the mantle cavity.	
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Reworking	surficial modifiers	1	Queiros AM et al 2013			
218286	Mollusca	Bivalvia	Veneroida	Lasaeidae	Kurtiella bidentata	Reworking	surficial modifiers	1	NIVA traits database			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Feeding type	Deposit feeder	2	Raymond et al 2021			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Feeding type	Sub surface filter feeder	1	Oldfield 1961	https://doi.org/10.1093/oxfordjournals.molluss.a064872	All three species feed on fine particles which are filtered from the inhalant current of water; as Tellimya ferruginosa lives so close to the anus of the associated Echinocardium it may well be that it feeds to a certain exted on waste particles eliminate	
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Feeding type	Sub surface filter feeder	1	Wrede A et al 2018			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Feeding type	Sub surface filter feeder	1	Fish & Fish 1996	ISBN 0-521-16819-1	It is a suspenison feeder and presumably has an enriched food supply through ist association woth Echinocardium	
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Feeding type	Sub surface filter feeder	1	Wieking & Kröncke 2003	https://doi.org/10.1007/s10152-002-0130-2	Suspension feeder	
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Injection pocket depth	> 10 cm	1	Wrede A et al 2018			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Injection pocket depth	5-10 cm	2	Raymond et al 2021			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Mobility	Limited movement	3	Raymond et al 2021			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Mobility	Limited movement	3	Queiros AM et al 2013			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Reworking	surficial modifiers	3	NIVA traits database			
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Reworking	surficial modifiers	3	Oldfield 1961	https://doi.org/10.1093/oxfordjournals.molluss.a064872	The animals live gregariously, the adults lying freely in the burrow and opposite the anal siphon of Echinocardium cordatum, to the spnes of which they are attached usually only when young. Tellimya ferruginosa always occurs in association with Echinocard	
232152	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya ferruginosa	Reworking	surficial modifiers	3	Queiros AM et al 2013			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Feeding type	Deposit feeder	3	Raymond et al 2021			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Mobility	Limited movement	3	Raymond et al 2021			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Mobility	Limited movement	3	Queiros AM et al 2013			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Reworking	biodiffusors	2	Raymond et al 2021			
232154	Mollusca	Bivalvia	Veneroida	Lasaeidae	Tellimya tenella	Reworking	surficial modifiers	1	Queiros AM et al 2013			
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Yonge 1948	https://doi.org/10.1017/S0025315400056046	the siphons are united and in a specimen 3.4 cm long by 2.6 cm. Deep extended to a length of not more than 8 mm usually somewhat less. Whenn burried only their tips project above the surface	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Nasi et al 2020			
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n479	Table 2: Spisula subtruncata regarded filter feeder, can only be active in bivalves	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Conversely, thef13CofSpisula subtruncatadid not departfrom those of other active suspension-feeders although thepresence of endosymbiotic bacteria has also been reported inthis species (Bouvy et al., 1986)	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	BIOTIC	http://www.marlin.ac.uk/biotic/	passive suspension feeder, active suspensionfeeder	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Feeding type	Surface filter feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Spisula subtruncata regarded filter feeder, can only be active in bivalves	
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Injection pocket depth	2-5 cm	3	Nasi et al 2020			
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Mobility	Limited movement	3	Queiros AM et al 2013			
218282	Mollusca	Bivalvia	Veneroida	Mactridae	Spisula subtruncata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Burrow type	Epifauna, internal irrigation	3	Yonge 1949	https://doi.org/10.1098/rstb.1949.0006	Fig. 6 For Gari tellinella: siphons	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Burrow type	Epifauna, internal irrigation	3	Yonge 1949	https://doi.org/10.1098/rstb.1949.0006	For Gari fervensis & Gari tellinella: The inhalant siphon usually projects obliquely but with the opening well clear of the bottom as shown in figure 16c.	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Burrow type	Epifauna, internal irrigation	3	Aller & Yingst 1985	https://doi.org/10.1357/002224085788440349	Gari fervensis is in Tellinidae: (As a L. balthica & T. texana) - Fig.1 The bivalve Macoma balthica (M.b.) and Tellina texana (T.t.) are surface deposit feeders (also suspension feeders) which live intertidally at depths typically 4 to 6 cm below the inte	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Burrow type	Epifauna, internal irrigation	3	Sigurdsson et al. 1976	https://doi.org/10.1038/262386a0	The siphons are frequently protruded in the Tellinacea	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder (Gari fervensis)	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Feeding type	Surface filter feeder	3	Deart et al. 2013	https://doi.org/10.1134/S2075111713030028	Burrowing bivalve mollusk is active filtrator and inhabits fine silty sands (Tebble, 1966; Oliver et al., 2010c).	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Feeding type	Surface filter feeder	3	WORMS	http://www.marinespecies.org/index.php	suspension feeder	
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist, based on size ca 5 cm and burrowing			
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Mobility	Limited movement	3	Queiros AM et al 2013			
218305	Mollusca	Bivalvia	Veneroida	Psammobiidae	Gari fervensis	Reworking	surficial modifiers	3	Queiros AM et al 2013			
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			

1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Feeding type	Deposit feeder	2	Clare et al 2022				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Feeding type	Deposit feeder	2	Nasi et al 2020				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Feeding type	Deposit feeder	2	Clare et al 2022				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Feeding type	Surface filter feeder	1	Clare et al 2022				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Injection pocket depth	2-5 cm	3	Expert judgement Mats Blomqvist based on taxa in this genus				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Mobility	Limited movement	3	Queiros AM et al 2013				
1005130	Mollusca	Bivalvia	Veneroida	Semelidae	Abra	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Deposit feeder	2	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: Abra alba regarded deposit and suspension feeder		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Deposit feeder	2	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Abra alba: suspension feeding and selective deposit feeding		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Deposit feeder	2	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n4679	Table 2: Abra alba listed as soft bottom infauna deposit feeder		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Abra alba regarded as infauna selective deposit feeder		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Deposit feeder	2	Raymond et al 2021				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Surface filter feeder	1	Rachor 1990	https://doi.org/10.1016/0077-7579(90)90022-9	Table 2: Abra alba: suspension feeding and selective deposit feeding		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Feeding type	Surface filter feeder	1	Wrede A et al 2018				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Injection pocket depth	2-5 cm	2	Raymond et al 2021				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Injection pocket depth	5-10 cm	1	Wrede A et al 2018				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Mobility	Limited movement	3	Raymond et al 2021				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Mobility	Limited movement	3	Queiros AM et al 2013				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Mobility	Limited movement	3	Present study				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Reworking	biodiffusors	1	Braeckman, U., Provoost, P., Gribsholt, B., van Gansbeke, D., Middelburg, J.J., Soetaert, K., Vincx, M., Vanaverbeke, J., 2010. Role of macrofauna functional traits and density in biogeochemical fluxes and bioturbation. Marine Ecology Progress Series 399,	10.3354/meps08336	Abra alba, a bivalve, reworks the upper layer of the sediment at random and is therefore called a biodiffuser (Gerino et al. 2003, Maire et al. 2007)		
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Reworking	biodiffusors	1	Raymond et al 2021				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Reworking	surficial modifiers	2	Queiros AM et al 2013				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Reworking	surficial modifiers	2	NIVA traits database				
218308	Mollusca	Bivalvia	Veneroida	Semelidae	Abra alba	Reworking	upward and downward conveyors	1	Present study				
102743	Mollusca	Bivalvia	Veneroida	Semelidae	Abra longicallus	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020				
102743	Mollusca	Bivalvia	Veneroida	Semelidae	Abra longicallus	Feeding type	Deposit feeder	3	Nasi et al 2020				
102743	Mollusca	Bivalvia	Veneroida	Semelidae	Abra longicallus	Injection pocket depth	2-5 cm	3	Wikander, P.B., 1980. Biometry and behaviour in Abra nitida (Müller) and A. longicallus (Scacchi) (Bivalvia, Tellinacea). Sarsia 65, 255–268	10.1080/00364827.1980.10431488	On the average both species, shell lengths disregarded, seem to occupy a stratum between 25 and 40 mm, but the variation of depth chosen in each of the individuals observed is considerable.		
102743	Mollusca	Bivalvia	Veneroida	Semelidae	Abra longicallus	Mobility	Limited movement	3	Queiros AM et al 2013				
102743	Mollusca	Bivalvia	Veneroida	Semelidae	Abra longicallus	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Burrow type	Epifauna, internal irrigation	3	Wikander, P. B. 1980 Biometry and behaviour in Abra nitida (Müller) and A. longicallus (Scacchi) (Bivalvia, Tellinacea)	https://doi.org/10.1080/00364827.1980.10431488	Shifting positions of the inhalant siphon creates a strongly branched or reticulated pattern of siphonal channels. These siphonal channels must play an important role in bringing oxygen down to the deeper strata of the sediment, which also was clearly dem		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Feeding type	Deposit feeder	3	Wikander, P.B. 1980. Biometry and behaviour in Abra nitida (Müller) and A. longicallus (Scacchi) (Bivalvia, Tellinacea). Sarsia 65: 255-268	https://doi.org/10.1080/00364827.1980.10431488	In A. nitida the inhalant siphon would suddenly appear above the surface of the soil whereafter it quite slowly extended a few em along the substrate, or it would start working vigorously in the vicinity where it first appeared. Especially the distal few		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Feeding type	Deposit feeder	3	Raymond et al 2021				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Feeding type	Deposit feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Abra nitida regarded as selective deposit feeder		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Feeding type	Deposit feeder	3	Josefson et al. 2002	https://doi.org/10.3354/meps230071	Table 1: Abra nitida listed as surface deposit feeder		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Injection pocket depth	2-5 cm	3	Wrede A et al 2018				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Injection pocket depth	2-5 cm	3	Wikander, P. B. 1980 Biometry and behaviour in Abra nitida (Müller) and A. longicallus (Scacchi) (Bivalvia, Tellinacea)	10.1080/00364827.1980.10431488	(This is information on bioirregation and based on this information Ejdung calculated the injection pocket depth).Bioirrigation is the process in which benthic organisms actively or passively exchange sediment porewater solutes with the overlying water co		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Mobility	Limited movement	3	Raymond et al 2021				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Mobility	Limited movement	3	Wikander, P. B. 1980 Biometry and behaviour in Abra nitida (Müller) and A. longicallus (Scacchi) (Bivalvia, Tellinacea)	10.1080/00364827.1980.10431488	Movements within the substrate. When placed in narrow aquaria it could be clearly seen that both specie (Abra nitida, A. longicallus) are capable of moving about within the sediment. Individuals which had been kept in aquaria for some days left conspicous		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Mobility	Limited movement	3	Queiros AM et al 2013				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Reworking	biodiffusors	2	Maire et al 2006 Effects of food availability on sediment reworking in Abra ovata and A. nitida	doi:10.3354/meps319135	Based on our results, A. ovata and A. nitida clearly appeared as biodiffusers		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Reworking	biodiffusors	2	Raymond et al 2021				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Reworking	biodiffusors	2	Gilbert et al 2007 Sediment reworking by marine benthic species from the Gullmar Fjord (Western Sweden): Importance of faunal biovolume JEMBE 348:133-144	10.1016/j.jembe.2007.04.015	From a bioturbation functional point of view, and according to their respective general behaviour, A. filiformis, E. cordatum and A. nitida could be classified as biodiffusors,		
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Reworking	surficial modifiers	1	NIVA traits database				
218310	Mollusca	Bivalvia	Veneroida	Semelidae	Abra nitida	Reworking	surficial modifiers	1	Queiros AM et al 2013				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Josefson et al. 2002	https://doi.org/10.3354/meps230071	Table 1: Abra nitida listed as surface deposit feeder		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Nasi et al 2020				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Nasi et al 2020				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Clare et al 2022				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Clare et al 2022				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Abra alba & Abra nitida, both selective deposit feeders		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder surface		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive and Active Suspension feeder, Surface and subsurface deposit feeder		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Surface filter feeder	1	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Abra longicallus classified as active suspension feeder (Table 1)		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Feeding type	Surface filter feeder	1	BIOTIC	http://www.marlin.ac.uk/biotic/	Passive and Active Suspension feeder, Surface and subsurface deposit feeder		
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Injection pocket depth	0-2 cm	1	Nasi et al 2020				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Injection pocket depth	2-5 cm	2	Expert judgement Mats Blomqvist based on other taxa in this genus				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Mobility	Limited movement	3	Queiros AM et al 2013				
102744	Mollusca	Bivalvia	Veneroida	Semelidae	Abra prismatica	Reworking	surficial modifiers	3	Queiros AM et al 2013				
1005133	Mollusca	Bivalvia	Veneroida	Sphaeriidae	Pisidium	Burrow type	Epifauna, internal irrigation	3	freshwaterecology.info database	https://www.freshwaterecology.info	burrowing/semi-sessile/filter-feeders	Looked at multiple species in the genus - all quite similar traits	
1005133	Mollusca	Bivalvia	Veneroida	Sphaeriidae	Pisidium	Feeding type	Surface filter feeder	3	freshwaterecology.info database	https://www.freshwaterecology.info	filter-feeders	Looked at multiple species in the genus - all quite similar traits	
1005133	Mollusca	Bivalvia	Veneroida	Sphaeriidae	Pisidium	Injection pocket depth	0-2 cm	3	freshwaterecology.info database	https://www.freshwaterecology.info	other traits and small size imply this	Looked at multiple species in the genus - all quite similar traits	
1005133	Mollusca	Bivalvia	Veneroida	Sphaeriidae	Pisidium	Mobility	Limited movement	3	freshwaterecology.info database	https://www.freshwaterecology.info	crawling/burrowing/semi-sessile	Looked at multiple species in the genus - all quite similar traits	
1005133	Mollusca	Bivalvia	Veneroida	Sphaeriidae	Pisidium	Reworking	epifauna	3	freshwaterecology.info database	https://www.freshwaterecology.info	crawling/burrowing/semi-sessile	Looked at multiple species in the genus - all quite similar traits	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018				

218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Autökologischer Atlas	IFAÖ & AWI (2008): Autökologischer Atlas benthischer wirbelloser Tiere in der Deutschen Nord- und Ostsee., Version 1.1. CD-ROM im Auftrag des BMU, FKZ 0329997	In Wolff (1973) wird T. fabula als selektiver Depositfresser bezeichnet, eventuell mit der Fähigkeit des Suspensionsfressens. Jagnow & Gosselck (1987) beschreiben sie als Suspensions-Deposit-Fresser und Bochert (2003) als Detritus- bzw. Substratfresser.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Wieking & Kröncke 2003	https://doi.org/10.1007/s10152-002-0130-2	Generally, interface-feeders are capable of alternative suspension and surface-deposit feeding dependent on flow conditions. (p36); Table 4: F. fabula described as interface feeder.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Fabulina fabula is capable of both suspension feeding and deposit feeding. Salzwedel (1979) observed feeding behaviour in the laboratory. While suspension feeding, the inhalant siphon is held a few mm above the sediment surface and sucks in suspended part	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Pohlo 1969	https://doi.org/10.1093/oxfordjournals.mollus.a065050	Deposit feeder	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Baptist et al. 2008	Report IMARES C113/08, Deltares Z4582.50	Data on the bio-engineer capacity of the bivalve T. fabula are scarce, but the sediment modification by the bivalve Macoma balthica is much better known. Both bivalves have comparable feeding strategies (selective deposit as well suspension feeding).	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Wolff 1973	ISSN 0024-1652 https://www.repository.naturalis.nl/document/148997	A. fabula is a selective depositfeeder (Pohlo, 1969), although after the study of Trevallion (1971) (own comment: he examined tellina tenuis) it does not seem unreasonable to suppose that it is also capable of suspensionfeeding.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Borsje et al. 2009	https://doi.org/10.1007/s10236-009-0199-0	The bivalve T. fabula is a selective deposit feeder as well as a suspension feeder.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Fish & Fish 1996	ISBN 0-521-16819-1	It is both a suspension and deposit feeder	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Salzwedel 1979	http://pascal-francis.inist.fr/vibad/index.php?action=getRecordDetail&idt=PASCALZOOLINEINRA8050409765	While suspension feeding, the inhalant siphon is held a few mm above the sediment surface and sucks in suspended particles. While deposit feeding, the inhalant siphon is bent over toward the sediment surface, sucking up detritus and sand grains more or l	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Kamp & Witte 2005	https://doi.org/10.3354/meps29706	The infaunal suspension and (surface) deposit feeders in particular, such as the bivalve Fabulina fabula (...)	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Deposit feeder	2	Wrede A et al 2018			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Wieking & Kröncke 2003	https://doi.org/10.1007/s10152-002-0130-2	Generally, interface-feeders are capable of alternative suspension and surface-deposit feeding dependent on flow conditions. (p36); Table 4: F. fabula described as interface feeder.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Fish & Fish 1996	ISBN 0-521-16819-1	It is both a suspension and deposit feeder	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Salzwedel (1979) observed feeding behaviour in the laboratory. While suspension feeding, the inhalant siphon is held a few mm above the sediment surface and sucks in suspended particles. While deposit feeding, the inhalant siphon is bent over toward the s	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Borsje et al. 2009	https://doi.org/10.1007/s10236-009-0199-0	The bivalve T. fabula is a selective deposit feeder as well as a suspension feeder.	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Kamp & Witte 2005	https://doi.org/10.3354/meps29706	The infaunal suspension and (surface) deposit feeders in particular, such as the bivalve Fabulina fabula (...)	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Salzwedel 1979	http://pascal-francis.inist.fr/vibad/index.php?action=getRecordDetail&idt=PASCALZOOLINEINRA8050409765	While suspension feeding, the inhalant siphon is held a few mm above the sediment surface and sucks in suspended particles. While deposit feeding, the inhalant siphon is bent over toward the sediment surface, sucking up detritus and sand grains more or l	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	BIOTIC	http://www.marlin.ac.uk/biotic/	Fabulina fabula is capable of both suspension feeding and deposit feeding. Salzwedel (1979) observed feeding behaviour in the laboratory. While suspension feeding, the inhalant siphon is held a few mm above the sediment surface and sucks in suspended part	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Feeding type	Surface filter feeder	2	Baptist et al. 2008	Report IMARES C113/08, Deltares Z4582.50	Data on the bio-engineer capacity of the bivalve T. fabula are scarce, but the sediment modification by the bivalve Macoma balthica is much better known. Both bivalves have comparable feeding strategies (selective deposit as well suspension feeding).	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Mobility	Limited movement	3	Queiros AM et al 2013			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Mobility	Limited movement	3	Borsje et al 2009			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Reworking	surficial modifiers	3	Borsje et al 2009			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Reworking	surficial modifiers	3	Borsje et al 2009			
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Reworking	surficial modifiers	3	Borsje et al. 2009	https://doi.org/10.1007/s10236-009-0199-0	Due to the digging and feeding activities of the bivalve T. fabula up to 10 cm deep in the sediment, the properties of the surficial sediment are modified and the sediment is more prone to erosion...Data on the bio-engineering capacity of the bivalve T.fabu	
218339	Mollusca	Bivalvia	Veneroida	Tellinidae	Fabulina fabula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Feeding type	Deposit feeder	2	Wrede A et al 2018			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Feeding type	Surface filter feeder	2	Ólafsson 1986 (Bsc trait)	https://doi.org/10.2307/4735	L. balthica was Macoma balthica before. the studied clams are able to switch between the two feeding modes ... That clams from different habitats differ in their feeding modes when placed under differen flow regimes, clams from the sand habitat prefer suspe	
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Injection pocket depth	2-5 cm	2	Morys et al 2017	10.3354/meps12236	most Macoma (Limecola in paper) 0-5cm deep, occasionally as deep as 9-10cm.	Agrees with own data (Carambha), S. Baltic 2019-2020: Depth distributions of Macoma in sliced sediment cores - most found at 0-5cm, only few individuals at 5-10cm
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Injection pocket depth	5-10 cm	1	Wrede A et al 2018			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Mobility	Limited movement	3	Queiros AM et al 2013			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Reworking	biodiffusors	2	Michaud et al. 2006	http://dx.doi.org/10.1016/j.jembe.2006.06.025	The two functional groups were represented by the bivalves M. balthica and Mya arenaria (two biodiffusers)	
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Reworking	surficial modifiers	2	Queiros AM et al 2013			
106766	Mollusca	Bivalvia	Veneroida	Tellinidae	Macoma balthica	Reworking	upward and downward conveyors	2	Morys, C., Powilleit, M., & Forster, S. (2017). Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series, 579, 19-36.	10.3354/meps12236		
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Burrow type	Epifauna, internal irrigation	3	Alexander et al. 1993	https://doi.org/10.2307/3515151	Fig. 1 : siphons	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Feeding type	Surface filter feeder	3	Sciberras et al. 2017	https://doi.org/10.1007/s10533-017-0370-5	Table 3: suspension feeder	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Feeding type	Surface filter feeder	3	Witbaard et al. 2005	https://doi.org/10.3354/cr030029	All 3 (Chamelea striatula and two others) bivalve species are suspension feeders that live burrowed in the sediment.	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Feeding type	Surface filter feeder	3	Rufino et al. 2006	https://doi.org/10.1002/jmor.10489	Chamelea gallina and Chamelea striatula: Both species inhabit muddy to clean sand bottoms. The length of the pallial sinus reflects siphonal length, which in turn is directly correlated with the depth to which a bivalve burrows (Zwarts and Wanink, 1989).	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Feeding type	Surface filter feeder	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: suspension feeder	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Injection pocket depth	0-2 cm	2	Sciberras, M., Tait, K., Brochain, G., Hiddink, J.G., Hale, R., Godbold, J.A., Solan, M., 2017. Mediation of nitrogen by post-disturbance shelf communities experiencing organic matter enrichment. Biogeochemistry 135, 135–153	https://doi.org/10.1007/s10533-017-0370-5	the shallow-burying bivalves A. echinata and C. striatula and the tube-building polychaetes do not build extensive burrow systems deep within the sediment	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Injection pocket depth	2-5 cm	2	Alexander et al. 1993	https://doi.org/10.2307/3515151	WAs synonymised with Venus striatula: Venus striatula: 5-15 g; upper 5 cm of sorted sand, mid to low intertidal beach, Loch Creran, Scotland	
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Mobility	Limited movement	3	Queiros AM et al 2013			
218354	Mollusca	Bivalvia	Veneroida	Veneridae	Chamelea striatula	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist			
218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Feeding type	Surface filter feeder	3	Hall-Spencer 1998	http://hdl.handle.net/10026.1/1367	internal irrigation (siphons); page 275: maximum burrow depth for C. fasciata: 26 cm	

218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder (Clausinella fasciata)	
218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist			
218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Mobility	Limited movement	3	Queiros AM et al 2013			
218355	Mollusca	Bivalvia	Veneroida	Veneridae	Clausinella fasciata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Feeding type	Surface filter feeder	3	Ansell 1961	https://doi.org/10.1017/S0025315400024012	The genus Dosinia has evolved along an independent line and is specialized by the possession of a stream-lined, circular shell, deep lunule, and greatly elongated siphons, for a relatively deep-burrowing habit.	
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder (Dosinia exoleta)	
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Feeding type	Surface filter feeder	3	WORMS	http://www.marinespecies.org/index.php	suspension feeder	
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Mobility	Limited movement	3	Queiros AM et al 2013			
218356	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia exoleta	Reworking	surficial modifiers	3	Queiros AM et al 2013			
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Burrow type	Epifauna, internal irrigation	3	Ansell 1961	https://doi.org/10.1017/S0025315400024012	The genus Dosinia has evolved along an independent line and is specialized by the possession of a stream-lined, circular shell, deep lunule, and greatly elongated siphons, for a relatively deep-burrowing habit.	
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Feeding type	Surface filter feeder	3	Ansell 1962	https://doi.org/10.2307/1539573	The genus Dosinia has taken a course to deeper burrowing: ...	
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Feeding type	Surface filter feeder	3	WORMS	http://www.marinespecies.org/index.php	suspension feeder	
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder (Dosinia lupinus)	
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Injection pocket depth	5-10 cm	3	Wrede A et al 2018			
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Mobility	Limited movement	3	Queiros AM et al 2013			
250113	Mollusca	Bivalvia	Veneroida	Veneridae	Dosinia lupinus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Feeding type	Surface filter feeder	3	Ansell, A. D. (1961). The functional morphology of the British species of Veneracea (Eulamellibranchia). Journal of the Marine Biological Association of the United Kingdom, 41(2), 489-517.	https://doi.org/10.1017/S0025315400024012	In life the siphons are protruded a little above the substratum and undergo little movement except when disturbed. Mysia undata is purely a suspension-feeder—a view which is confirmed by the structure of the stomach, which does not differ in essentials fr	
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Feeding type	Surface filter feeder	3	Raymond et al 2021			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Mobility	Limited movement	3	Raymond et al 2021			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Mobility	Limited movement	3	Queiros AM et al 2013			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
218294	Mollusca	Bivalvia	Veneroida	Veneridae	Mysia undata	Reworking	surficial modifiers	3	Mestdagh et al 2020			
218359	Mollusca	Bivalvia	Veneroida	Veneridae	Timoclea ovata	Burrow type	Epifauna, internal irrigation	3	Nasi et al 2020			
218359	Mollusca	Bivalvia	Veneroida	Veneridae	Timoclea ovata	Feeding type	Surface filter feeder	3	Nasi et al 2020			
218359	Mollusca	Bivalvia	Veneroida	Veneridae	Timoclea ovata	Injection pocket depth	0-2 cm	3	Nasi et al 2020			
218359	Mollusca	Bivalvia	Veneroida	Veneridae	Timoclea ovata	Mobility	Limited movement	3	Queiros AM et al 2013			
218359	Mollusca	Bivalvia	Veneroida	Veneridae	Timoclea ovata	Reworking	surficial modifiers	3	Queiros AM et al 2013			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Feeding type	Predator	3	Raymond et al 2021			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Mobility	Limited movement	1	Queiros AM et al 2013			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Mobility	slow movement through sediment	2	Raymond et al 2021			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Reworking	surficial modifiers	3	Raymond et al 2021			
217893	Mollusca	Caudofoveata	Chaetodermatida	Chaetodermatidae	Chaetoderma nitidulum	Reworking	surficial modifiers	3	Queiros AM et al 2013			
101956	Mollusca	Gastropoda		Valvatidae	Valvata macrostoma	Burrow type	Epifauna, internal irrigation	3	www.freshwaterecology.info		surface crawler on macrophytes but also organic/mud substrates	
101956	Mollusca	Gastropoda		Valvatidae	Valvata macrostoma	Feeding type	Deposit feeder	3	www.freshwaterecology.info		grazer (but we don´t have that classification!)	
101956	Mollusca	Gastropoda		Valvatidae	Valvata macrostoma	Injection pocket depth	0-2 cm	3	www.freshwaterecology.info		surface crawler on macrophytes but also organic/mud substrates	
101956	Mollusca	Gastropoda		Valvatidae	Valvata macrostoma	Mobility	Fixed tubes	3	www.freshwaterecology.info		surface crawler on macrophytes but also organic/mud substrates	
101956	Mollusca	Gastropoda		Valvatidae	Valvata macrostoma	Reworking	epifauna	3	www.freshwaterecology.info		surface crawler on macrophytes but also organic/mud substrates	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Burrow type	Epifauna, internal irrigation	3	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	lives on sediment surface	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Feeding type	Deposit feeder	2	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	In nutrient-rich environments...in addition to grazing on epiphytic algae and detritus, consumes suspended organic matter and algae by filter feeding	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Feeding type	Surface filter feeder	2	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	In nutrient-rich environments...in addition to grazing on epiphytic algae and detritus, consumes suspended organic matter and algae by filter feeding	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Injection pocket depth	0-2 cm	3	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	lives on sediment surface	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Mobility	Limited movement	3	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	tiny grazer/deposit/filter feeding snail - so assume slow movement on sediment surface	
101957	Mollusca	Gastropoda		Valvatidae	Valvata piscinalis	Reworking	surficial modifiers	3	Grigorovich et al (2005)	10.1016/S0380-1330(05)70245-8	occurs on a variety of bottom substrates, though it appears to prefer mud and silted sand (also frequently occurs on aquatic macrophytes)	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Burrow type	Epifauna, internal irrigation	3	Wrede A et al 2018			
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Hansen & Josefson 2004	https://doi.org/10.1016/j.jembe.2004.02.011	the snail Turritella is considered a suspension feeder, feeding close to the sediment–waterinterface (Yonge, 1946).	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Wrede A et al 2018			
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Fish & Fish 1996	ISBN 0-521-16819-1	In his account of the food of the bottom fauna around Phymouth, Hunt (1925) separated Turritella communis and Aporrhais pes-pelicani from the other Gastropoda as deposit-feeders. He always found roughly sorted bottom material in their stomachs. (...) This	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Fish & Fish 1996	ISBN 0-521-16819-1	lies burried just below the surface in mud and sandy-mud with the shell aperture uppermost, drawing a current of water which is both used for respiration and suspension feeding	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Fish & Fish 1996	ISBN 0-521-16819-1	suspension feeding	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Feeding type	Surface filter feeder	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Table Appendix 1: active suspension feeder	
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Injection pocket depth	0-2 cm	3	Wrede A et al 2018			
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
218052	Mollusca	Gastropoda	Caenogastropoda, ordo incertae sedis	Turritellidae	Turritella communis	Reworking	biodiffusors	3	Queiros AM et al 2013			
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Burrow type	Blind ended irrigation	3	Trueman & Brown 1992	https://doi.org/10.1016/S0065-2881(08)60041-3	For Cephalaspids: Amongst cephalaspid Opisthobranchia, a number of genera, e.g. Philine and Scaphander, have been observed to burrow using the cephalic shield as a shovel, essentially in the manner of the Naticidae, having a broad, flat sole and wedge-	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Burrow type	Blind ended irrigation	3	Oskars 2013 (thesis)	http://hdl.handle.net/1956/8026	For Cephalaspids: Most cephalaspids burrow in soft sediments aided by their shovel shaped cephalic shield and streamlined body (Burn and Thompson, 1998; Malaquias et al., 2009b), a lifestyle that is common among carnivores like Aglajidae, Philinidae, and	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Burrow type	Blind ended irrigation	3	Wrede A et al 2018			
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n4679	Cylichna was Bulla before. For Bulla striata: Table 2: carnivorous	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Wrede A et al 2018			
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Raymond et al 2021			
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Josefson et al. 2002	https://doi.org/10.3354/meps230071	Table 1: predator	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: carnivorous	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	Boudaya et al. 2019	https://doi.org/10.1007/s11356-019-04809-8	Cylichna was Bulla before. For Bulla striata: Table 6: carnivorous	
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Feeding type	Predator	3	WORMS	http://www.marinespecies.org/index.php	omnivore predator scavenger	

218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Injection pocket depth	0-2 cm	2	Raymond et al 2021				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Injection pocket depth	2-5 cm	1	Wrede A et al 2018				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Mobility	slow movement through sediment	3	Raymond et al 2021				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Reworking	surficial modifiers	3	Raymond et al 2021				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218099	Mollusca	Gastropoda	Cephalaspidea	Cylichnidae	Cylichna cylindracea	Reworking	surficial modifiers	3	NIVA traits database				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Feeding type	Predator	3	Raymond et al 2021				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Feeding type	Predator	3	Clare et al 2022				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Mobility	slow movement through sediment	3	Raymond et al 2021				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218114	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Hermania scabra	Reworking	surficial modifiers	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Feeding type	Predator	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Feeding type	Predator	3	Clare et al 2022				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Injection pocket depth	0-2 cm	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Mobility	slow movement through sediment	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Reworking	surficial modifiers	3	Raymond et al 2021				
218107	Mollusca	Gastropoda	Cephalaspidea	Philinidae	Philine quadripartita	Reworking	surficial modifiers	3	Queiros AM et al 2013				
217941	Mollusca	Gastropoda	Littorinimorpha	Aporrhaidae	Aporrhais pespelecani	Burrow type	Epifauna, internal irrigation	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow.		This animal buries itself in the sediment just below the surface as described by Yonge (1937).		
217941	Mollusca	Gastropoda	Littorinimorpha	Aporrhaidae	Aporrhais pespelecani	Feeding type	Deposit feeder	3	Taylor and Miller 1989	https://doi.org/10.1093/mollus/55.2.227	is a detritus feeder and herbivore.		
217941	Mollusca	Gastropoda	Littorinimorpha	Aporrhaidae	Aporrhais pespelecani	Injection pocket depth	0-2 cm	3	Pye, M.I.A., 1980. Studies of burrows in recent sublittoral fine sediments off the west coast of Scotland (PhD Thesis). University of Glasgow, Glasgow.		This animal buries itself in the sediment just below the surface as described by Yonge (1937).		
217941	Mollusca	Gastropoda	Littorinimorpha	Aporrhaidae	Aporrhais pespelecani	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217941	Mollusca	Gastropoda	Littorinimorpha	Aporrhaidae	Aporrhais pespelecani	Reworking	surficial modifiers	3	Queiros AM et al 2013				
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Burrow type	Epifauna, internal irrigation	3	freshwaterecology.info database	https://www.freshwaterecology.info/	mainly a surface crawler on coarse substrates/plants, limited burrowing on soft sediments		
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Feeding type	Deposit feeder	2	freshwaterecology.info database	https://www.freshwaterecology.info/	grazer / deposit feeder		
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Feeding type	Surface filter feeder	2	freshwaterecology.info database	https://www.freshwaterecology.info/	active suspension feeder		
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Injection pocket depth	0-2 cm	3	freshwaterecology.info database	https://www.freshwaterecology.info/	mainly a surface crawler on coarse substrates/plants, limited burrowing on soft sediments		
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Mobility	Limited movement	3	freshwaterecology.info database	https://www.freshwaterecology.info/	mainly a surface crawler on coarse substrates/plants, limited burrowing on soft sediments		
106653	Mollusca	Gastropoda	Littorinimorpha	Bithyniidae	Bithynia tentaculata	Reworking	epifauna	3	freshwaterecology.info database	https://www.freshwaterecology.info/	mainly a surface crawler on coarse substrates/plants, limited burrowing on soft sediments		
217939	Mollusca	Gastropoda	Littorinimorpha	Eulimidae	Aclis minor	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on Gastropoda				
217939	Mollusca	Gastropoda	Littorinimorpha	Eulimidae	Aclis minor	Feeding type	Predator	3	Petersen, K. S. (2004). The Skagen Well. GEUS Bulletin, 3, 98-112.		Aclis minor belongs to a large group of predatorygastropods that mostly and perhaps always (cf. Fretter& Graham 1962) are associated with echinoderms.		
217939	Mollusca	Gastropoda	Littorinimorpha	Eulimidae	Aclis minor	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on Gastropoda				
217939	Mollusca	Gastropoda	Littorinimorpha	Eulimidae	Aclis minor	Mobility	slow movement through sediment	3	Expert knowledge Jennifer Dannheim				as other simmilar species
217939	Mollusca	Gastropoda	Littorinimorpha	Eulimidae	Aclis minor	Reworking	surficial modifiers	3	Expert knowledge Jennifer Dannheim				as other simmilar species
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Burrow type	Epifauna, internal irrigation	3	Clare et al 2022	10.1038/s41597-022-01442-y	lh_Free_living and sp_Surface		based on Clare et al´s Hydrobiidae/Hydrobia and Hydrobiidae/Peringia
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Feeding type	Deposit feeder	3	Clare et al 2022	10.1038/s41597-022-01442-y	f_Surface_deposit and f_Subsurface_deposit		based on Clare et al´s Hydrobiidae/Hydrobia and Hydrobiidae/Peringia
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Injection pocket depth	0-2 cm	3	Clare et al 2022	10.1038/s41597-022-01442-y	sp_Surface		based on Clare et al´s Hydrobiidae/Hydrobia and Hydrobiidae/Peringia
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Mobility	Fixed tubes	2	Carambha				
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Mobility	Limited movement	2	Carambha				
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Reworking	epifauna	2	Clare et al 2022	10.1038/s41597-022-01442-y	lh_Free_living and sp_Surface		based on Clare et al´s Hydrobiidae/Hydrobia and Hydrobiidae/Peringia
2000585	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Hydrobiidae	Reworking	surficial modifiers	2	Queiros AM et al 2013				
106654	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	Burrow type	Epifauna, internal irrigation	3	Clare et al 2022	10.1038/s41597-022-01442-y	Surface crawler / buries just below subsurface (no burrow). lh_Free_living, sp_Surface, sp_Shallow_infauna_0_to_5cm, mob_Crawl_creep_climb, mob_Burrower. Agrees with other references for P. ulvae (or Hydrobia ulvae)		
106654	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	Feeding type	Deposit feeder	3	Clare et al 2022				
106654	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	Injection pocket depth	0-2 cm	3	Clare et al 2022	10.1038/s41597-022-01442-y	Feeds and lives on surface and subsurface: lh_Free_living, sp_Surface, sp_Shallow_infauna_0_to_5cm,		Other references suggest that the species P. ulvae is mainly at surface and only burrows/feeds just below the surface, so assigned ID1 but not ID2
106654	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	Mobility	slow movement through sediment	3	Queirós et al. (2013)				
106654	Mollusca	Gastropoda	Littorinimorpha	Hydrobiidae	Peringia ulvae	Reworking	surficial modifiers	3	Queirós et al. (2013)				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Burrow type	Blind ended irrigation	2	Raymond et al 2021				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Burrow type	Epifauna, internal irrigation	2	Kobayashi & Wada 2004	https://doi.org/10.1071/MR03013	Is in family Iravadiidae: For Iravadia sakaguchii: I. sakaguchii is known to live under partially buried stones or hard materials on mudflats in brackish water.		
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Burrow type	Epifauna, internal irrigation	2	Wrede A et al 2018				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Deposit feeder	2	WORMS	http://www.marinespecies.org/index.php	deposit feeder subssurface, grazer		
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Deposit feeder	2	Wrede A et al 2018				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Deposit feeder	2	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n4573	Table 1: herbivorous		
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Deposit feeder	2	Faresi et al. 2012	ISSN 1408-533X https://pdfs.semanticscholar.org/1e43/76cd108664265518a0b5a1d05bb094fde605.pdf	Conversely, the grazer gastropod Hyala vitrea showed an increase in abundance from the top until 10 cm, below where it disappeared. (sediment core, also see Fig. 4)		
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Deposit feeder	2	Raymond et al 2021				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Feeding type	Predator	1	Faresi et al. 2012	ISSN 1408-533X https://pdfs.semanticscholar.org/1e43/76cd108664265518a0b5a1d05bb094fde605.pdf	Most Hyala vitrea specimens were deeper than 5 cm and this species could be a predator (Moodley et al., 1998, Koulouri et al. 2006)		
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Injection pocket depth	0-2 cm	1	Wrede A et al 2018				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Injection pocket depth	5-10 cm	2	Raymond et al 2021				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Mobility	slow movement through sediment	3	Raymond et al 2021				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Reworking	biodiffusors	1	Raymond et al 2021				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Reworking	surficial modifiers	2	NIVA traits database				
217978	Mollusca	Gastropoda	Littorinimorpha	Iravadiidae	Hyala vitrea	Reworking	surficial modifiers	2	Queiros AM et al 2013				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Feeding type	Predator	3	Raymond et al 2021				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Reworking	surficial modifiers	3	Queiros AM et al 2013				
217994	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira montagui	Reworking	surficial modifiers	3	Raymond et al 2021				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Burrow type	Blind ended irrigation	2	Trueman 1968a	https://jeb.biologists.org/content/48/3/663	For Naticidae: When placed on sand with the foot expanded naticids commence to burrow almost immediately and continue, moving obliquely to the surface, until buried. & Fig. 6		

217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Burrow type	Blind ended irrigation	2	Raymond et al 2021				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Burrow type	Epifauna, internal irrigation	1	Wrede A et al 2018				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Feeding type	Predator	3	Wrede A et al 2018				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Feeding type	Predator	3	Raymond et al 2021				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Feeding type	Predator	3	Clare et al 2022				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Feeding type	Predator	3	Rueda et al. 2009	https://doi.org/10.3989/scimar.2009.73n4679	Table 2: Two other Euspira species are consideres as carnivorous		
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Feeding type	Predator	3	Koulouri et al. 2006	https://doi.org/10.3989/scimar.2006.70n4573	Table 1: carnivorous		
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Injection pocket depth	0-2 cm	1	Wrede A et al 2018				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Injection pocket depth	2-5 cm	2	Raymond et al 2021				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Mobility	slow movement through sediment	3	Raymond et al 2021				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Mobility	slow movement through sediment	3	Le Pape et al. 2007	https://doi.org/10.1016/j.seares.2006.08.011	For Euspira genus: Table 1: Mobility classed Low; Relationship with sea bottom = Crawl-Walk		
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Mobility	slow movement through sediment	3	Giglioli 1955	https://doi.org/10.1139/f55-018	For Naticidae: With the commencement of the flood tide the snail becomes active, and burrows into the flat leaving its gelatinous extrusions on the surface. Having burrowed to a depth of two to four inches, there appears to be a period of quiescence befor		
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Reworking	surficial modifiers	3	Queiros AM et al 2013				
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Reworking	surficial modifiers	3	Ziegelmeier 1961	https://doi.org/10.1007/BF01609950	Lunatia nitida before: The selection of the grain size of the sand installed in the spawning ring is made possible by "sifting movements" performed by the rear upper edge of the propodium during the spawning act. A marginal fold moves in about 1 sec. in a		
217995	Mollusca	Gastropoda	Littorinimorpha	Naticidae	Euspira nitida	Reworking	surficial modifiers	3	Raymond et al 2021				
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on grazing behaviour				
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Feeding type	Deposit feeder	3	Macdonald, T. A., Burd, B. J., Macdonald, V. I., & Van Roodselaar, A. (2010). Taxonomic and feeding guild classification for the marine benthic macroinvertebrates of the Strait of Georgia, British Columbia (p. 63). Fisheries and Oceans Canada= Pêches et o		Grazer feeding on diatoms		
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Feeding type	Deposit feeder	3	Clare et al 2022				
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on grazing behaviour				
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
1004979	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218032	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania punctura	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on grazing behaviour				
218032	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania punctura	Feeding type	Deposit feeder	3	Clare et al 2022				
218032	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania punctura	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on grazing behaviour				
218032	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania punctura	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
218032	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Alvania punctura	Reworking	surficial modifiers	3	Queiros AM et al 2013				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Burrow type	Blind ended irrigation	2	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Burrow type	Epifauna, internal irrigation	2	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Feeding type	Deposit feeder	3	Clare et al 2022				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Feeding type	Deposit feeder	3	Josefson, A., Forbes, T., Rosenberg, R., 2002. Fate of phytodetritus in marine sediments: functional importance of macrofaunal community. Mar. Ecol. Prog. Ser. 230, 71–85	https://doi.org/10.3354/meps230071	Table 1: Onoba vitrea subsurface deposit feeder		
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Injection pocket depth	0-2 cm	1	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Injection pocket depth	5-10 cm	2	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Reworking	biodiffusors	1	Expert judgement Mats Blomqvist based on Hyala vitrea				
1004983	Mollusca	Gastropoda	Littorinimorpha	Rissoidae	Onoba	Reworking	surficial modifiers	2	Expert judgement Mats Blomqvist based on Hyala vitrea				
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Burrow type	Epifauna, internal irrigation	3	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Supplementary Table notes indicate a surface dweller: feeds on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms		
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Feeding type	Deposit feeder	3	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Supplementary Table notes: feeds on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms		
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Injection pocket depth	0-2 cm	3	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Supplementary Table notes indicate a surface dweller: feeds on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms		
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Mobility	Limited movement	3	Gogina et al. 2017				nocturnal grazer, feeding on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms; occurs amongst macrophytes and prefers littoral zones in lakes or slow streams with silt and organic matter substrates, but tolerates high flow
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Reworking	epifauna	2	Gogina et al. 2017	10.1016/j.ecolind.2016.10.025	Supplementary Table notes indicate a surface dweller: feeds on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms		
106657	Mollusca	Gastropoda	Littorinimorpha	Tateidae	Potamopyrgus antipodarum	Reworking	surficial modifiers	2	Gogina et al. 2017				nocturnal grazer, feeding on plant and animal detritus, epiphytic and periphytic algae, sediments and diatoms; occurs amongst macrophytes and prefers littoral zones in lakes or slow streams with silt and organic matter substrates, but tolerates high flow
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle				
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Feeding type	Predator	3	Clare et al 2022				
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Feeding type	Predator	3	Pearce, J. B., & Thorson, G. (1967). The feeding and reproductive biology of the red whelk, Neptunea antiqua (L.)(Gastropoda, Prosobranchia). Ophelia, 4(2), 277-314.	10.1080/00785326.1967.10409624	Neptunea seems to be a scavenger more than a predator, although it may succesfully attack living polychaetes		
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle				
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Mobility	free movement via burrow system	3	Queiros AM et al 2013				
218065	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea antiqua	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle				
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Feeding type	Predator	3	Clare et al 2022				
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Feeding type	Predator	3	Pearce, J. B., & Thorson, G. (1967). The feeding and reproductive biology of the red whelk, Neptunea antiqua (L.)(Gastropoda, Prosobranchia). Ophelia, 4(2), 277-314.	10.1080/00785326.1967.10409624	Neptunea seems to be a scavenger more than a predator, although it may succesfully attack living polychaetes		
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic lifestyle				
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Mobility	free movement via burrow system	3	Expert judgement Mats Blomqvist based on other taxa in this genus				
218066	Mollusca	Gastropoda	Neogastropoda	Buccinidae	Neptunea despecta	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on other taxa in this genus				

1005003	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on surface living				
1005003	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia	Feeding type	Predator	3	Clare et al 2022				
1005003	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on surface living				
1005003	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia	Mobility	free movement via burrow system	3	Expert judgement Mats Blomqvist based on Mangelia attenuata				
1005003	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on Mangelia attenuata				
218074	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia attenuata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on surface living				
218074	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia attenuata	Feeding type	Predator	3	Clare et al 2022				
218074	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia attenuata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on surface living				
218074	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia attenuata	Mobility	free movement via burrow system	3	Queiros AM et al 2013				
218074	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia attenuata	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218076	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia costata	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on surface living				
218076	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia costata	Feeding type	Predator	3	Clare et al 2022				
218076	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia costata	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on surface living				
218076	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia costata	Mobility	free movement via burrow system	3	Expert judgement Mats Blomqvist based on Mangelia attenuata				
218076	Mollusca	Gastropoda	Neogastropoda	Mangeliidae	Mangelia costata	Reworking	surficial modifiers	3	Expert judgement Mats Blomqvist based on Mangelia attenuata				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Burrow type	Epifauna, internal irrigation	3	Expert judgment Mats Blomqvist based on other Nassariidae				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Feeding type	Deposit feeder	2	Expert judgment Mats Blomqvist based on other Nassariidae				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Feeding type	Predator	2	Expert judgment Mats Blomqvist based on other Nassariidae				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Injection pocket depth	0-2 cm	3	Expert judgment Mats Blomqvist based on other Nassariidae				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
218062	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia incrassata	Reworking	surficial modifiers	3	Queiros AM et al 2013				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Burrow type	Epifauna, internal irrigation	3	Expert judgment Mats Blomqvist based on other Nassariidae				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Feeding type	Deposit feeder	2	Expert judgment Mats Blomqvist based on other Nassariidae				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Feeding type	Predator	2	Expert judgment Mats Blomqvist based on other Nassariidae				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Injection pocket depth	0-2 cm	3	Expert judgment Mats Blomqvist based on other Nassariidae				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Mobility	slow movement through sediment	3	Expert judgment Mats Blomqvist based on other Nassariidae				
218064	Mollusca	Gastropoda	Neogastropoda	Nassariidae	Tritia pygmaea	Reworking	surficial modifiers	3	Expert judgment Mats Blomqvist based on other Nassariidae				
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Burrow type	Epifauna, internal irrigation	3	Expert judgement Mats Blomqvist based on epibenthic life				
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Feeding type	Deposit feeder	3	Clare et al 2022				
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Feeding type	Deposit feeder	3	Sigwart, J. D., & Schwabe, E. (2017). Anatomy of the many feeding types in polyplacophoran molluscs. Invertebrate Zoology, 14(1), 205-216.			Detritivorous	
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist based on epibenthic life				
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Mobility	Limited movement	3	Queiros AM et al 2013				
217912	Mollusca	Polyplacophora	Lepidopleurida	Leptochitonidae	Leptochiton asellus	Reworking	epifauna	3	Queiros AM et al 2013				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Feeding type	Predator	3	Raymond et al 2021				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Mobility	Limited movement	3	Hayward and Ryland 1996				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Mobility	Limited movement	3	Queiros AM et al 2013				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Mobility	Limited movement	3	Raymond et al 2021				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Reworking	upward and downward conveyors	3	NIVA traits database				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Reworking	upward and downward conveyors	3	Queiros AM et al 2013				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Reworking	upward and downward conveyors	3	Raymond et al 2021				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Reworking	upward and downward conveyors	3	Hayward and Ryland 1996				
218401	Mollusca	Scaphopoda	Dentaliida	Dentaliidae	Antalis entalis	Reworking	upward and downward conveyors	3	Hayward and Ryland 1996				
102756	Mollusca	Scaphopoda	Gadilida	Entalinidae	Entalina tetragona	Burrow type	Blind ended irrigation	3	Expert judgement by Mats Blomqvist based on size of taxa and taxa living head down in sediment and tail above sediment surface	https://artfakta.se/naturvard/taxon/entalina-tetragona-102756			
102756	Mollusca	Scaphopoda	Gadilida	Entalinidae	Entalina tetragona	Feeding type	Deposit feeder	3	Di Donato, V., Esposito, P., Garilli, V., Naimo, D., Buccheri, G., Caffau, M., ... & Stanzione, D. (2009). Surface–bottom relationships in the Gulf of Salerno (Tyrrhenian Sea) over the last 34 kyr: Compositional data analysis of palaeontological proxies a	10.1016/j.geobios.2009.02.005	the detritivorous infaunal Entalina tetragona	
102756	Mollusca	Scaphopoda	Gadilida	Entalinidae	Entalina tetragona	Injection pocket depth	0-2 cm	3	Expert judgement by Mats Blomqvist based on size of taxa and taxa living head down in sediment and tail above sediment surface	https://artfakta.se/naturvard/taxon/entalina-tetragona-102756			
102756	Mollusca	Scaphopoda	Gadilida	Entalinidae	Entalina tetragona	Mobility	Limited movement	3	Queiros AM et al 2013				
102756	Mollusca	Scaphopoda	Gadilida	Entalinidae	Entalina tetragona	Reworking	surficial modifiers	3	Queiros AM et al 2013				
5000018	Nemertea				Nemertea	Burrow type	Open irrigation	3	Wrede A et al 2018				
5000018	Nemertea				Nemertea	Feeding type	Predator	3	Wrede A et al 2018				
5000018	Nemertea				Nemertea	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
5000018	Nemertea				Nemertea	Injection pocket depth	2-5 cm	3	Wrede A et al 2018				
5000018	Nemertea				Nemertea	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
5000018	Nemertea				Nemertea	Reworking	biodiffusors	3	Queiros AM et al 2013				
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Burrow type	Open irrigation	3	Wrede et al 2018			Nemertea: BT2	
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Feeding type	Predator	3	Wrede et al 2018			Nemertea: FT2	
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Injection pocket depth	0-2 cm	3	Gogina et al 2017			C. obscura inhabits surface layers of sediments	
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Injection pocket depth	0-2 cm	3	Ankar, S., Jansson, B.O., 1973. Effects of an unusual natural temperature increase on a baltic soft-bottom community. Marine Biology 18, 9–18	https://doi.org/10.1007/BF00347915	Table 1 and 2: Vertical distribution 0-1 cm		
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Mobility	slow movement through sediment	3	Gogina et al. 2017				For all Nemertea in Queiros et al. (2013) M3R4, but C. obscura inhabits surface layers of sediments.
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Reworking	biodiffusors	2	Villnäs, A., Hewitt, J., Snickars, M., Westerbom, M., Norkko, A., 2018. Template for using biological trait groupings when exploring large-scale variation in seafloor multifunctionality. Ecol Appl 28, 78–94	https://doi.org/10.1002/eap.1630	Table 2: biodiffuser, infauna top		
233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Reworking	surficial modifiers	2	Gogina et al. 2017				For all Nemertea in Queiros et al. (2013) M3R4, but C. obscura inhabits surface layers of sediments.

233441	Nemertea	Hoplonemertea		Monostilifera, familia incertae sedis	Cyanophthalma obscura	Reworking	upward and downward conveyors	2	Bernard, G., Gammal, J., Järnström, M., Norkko, J., Norkko, A., 2019. Quantifying bioturbation across coastal seascapes: Habitat characteristics modify effects of macrofaunal communities. Journal of Sea Research 152, 101766	10.1016/j.seares.2019.101766	G. Bernard personal observation: Conveyorbelt		
1009791	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus	Burrow type	Epifauna, internal irrigation	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.		
1009791	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus	Feeding type	Predator	3	Clare et al 2022				
1009791	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus	Injection pocket depth	0-2 cm	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.		
1009791	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus	Mobility	Limited movement	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.		
1009791	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus	Reworking	epifauna	3	Carambha				
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Burrow type	Epifauna, internal irrigation	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.		
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Feeding type	Predator	3	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Appendix 1: Nemertina regarded carnivorous		
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Feeding type	Predator	3	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	Table 1: Nemertina regarded carnivorous		
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Feeding type	Predator	3	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Table 1: Nemertina regarded carnivorous/scavenging		
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Feeding type	Predator	3	Clare et al 2022				
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Injection pocket depth	0-2 cm	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.		
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Mobility	Limited movement	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	10.1080/00222930600833867	These worms do not burrow, but build delicate parchment tubes, and do so readily in dishes. Tubulanus species exhibit a characteristic coiling or spiral contraction when disturbed, possibly facilitated by their body-wall oblique musculature.	Gibson, R. (1982). British nemerteans: keys and notes for the identification of the species. Synopses of the British fauna (new series), 24. Cambridge University Press: London, UK. ISBN 0-521-288371. vi, 212 pp.
241597	Nemertea	Palaeonemertea		Palaeonemertea, familia incertae sedis	Tubulanus polymorphus	Reworking	epifauna	3	Kirk Ritger, R., & Norenburg, J. L. (2006). Tubulanus riceae new species (Nemertea: Anopla: Palaeonemertea: Tubulanidae), from South Florida, Belize and Panama. Journal of Natural History, 40(15-16), 931-942.	https://doi.org/10.1080/00222930600833867	Members of the genus Tubulanus are benthic marine palaeonemerteans that typically live among algal holdfasts, within crevices, in sand and under rocks. (...) These worms do not burrow, but build delicate "parchment" tubes, and do so readily in dishes.		
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Burrow type	Blind ended irrigation	3	Raymond et al 2021				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Feeding type	Predator	3	Raymond et al 2021				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Injection pocket depth	2-5 cm	3	Raymond et al 2021				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Mobility	slow movement through sediment	3	Queiros AM et al 2013				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Mobility	slow movement through sediment	3	Raymond et al 2021				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Reworking	biodiffusors	3	Raymond et al 2021				
1011282	Nemertea	Pilidiophora	Heteronemertea	Heteronemertea, familia incertae sedis	Cerebratulus	Reworking	biodiffusors	3	Queiros AM et al 2013				
233581	Phoronida			Phoronidae	Phoronis muelleri	Burrow type	Epifauna, internal irrigation	3	Emig, C. C. (1982). The biology of Phoronida. In Advances in marine Biology (Vol. 19, pp. 1-89). Academic Press.	10.1016/S0065-2881(08)60086-3	Fig 28		
233581	Phoronida			Phoronidae	Phoronis muelleri	Feeding type	Surface filter feeder	3	Riisgard 2002	https://doi.org/10.1007/s00227-002-0802-0	Within the lophophorate phylum Phoronida only two genera, Phoronis and Phoronopsis, and some ten species are recognised (Emig 1979, 1982). Both actinotroch larvae and adult phoronids are ciliary filter feeders with ''upstream-collecting'' systems.		
233581	Phoronida			Phoronidae	Phoronis muelleri	Feeding type	Surface filter feeder	3	Riisgard 2002	https://doi.org/10.1007/s00227-002-0802-0	The lateral cilia on the tentacles pump water through the tentacle crown (lophophore), but the process of particle separation from the passingwater has hitherto been unknown and poorly described.		
233581	Phoronida			Phoronidae	Phoronis muelleri	Feeding type	Surface filter feeder	3	Riisgard 2002	https://doi.org/10.1007/s00227-002-0802-0	Both actinotroch larvae and adult phoronids are ciliary filter feeders with "upstream-collecting" systems		
233581	Phoronida			Phoronidae	Phoronis muelleri	Feeding type	Surface filter feeder	3	Emig 1982	https://doi.org/10.1016/S0065-2881(08)60086-3	Phoronida are suspension feeders capturing particulate matter, detritus or small organisms from the water by means of the lophophore, but it is not yet known if they show feeding preferences. Also see Fig. 1.		
233581	Phoronida			Phoronidae	Phoronis muelleri	Injection pocket depth	> 10 cm	3	Emig, C. C. (1982). The biology of Phoronida. In Advances in marine Biology (Vol. 19, pp. 1-89). Academic Press.	10.1016/S0065-2881(08)60086-3	The phoronid moves freely within its newly formed tube. The substratum particles adhere to the viscous tube. The length of the tube varies according to the extended size of the body (about five times longer than the contracted size) of the phoronid specie		
233581	Phoronida			Phoronidae	Phoronis muelleri	Mobility	Fixed tubes	3	Queiros AM et al 2013				
233581	Phoronida			Phoronidae	Phoronis muelleri	Reworking	surficial modifiers	3	Queiros AM et al 2013				
4000150	Platyhelminthes				Turbellaria	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021				
4000150	Platyhelminthes				Turbellaria	Feeding type	Predator	3	Raymond et al 2021				
4000150	Platyhelminthes				Turbellaria	Feeding type	Predator	3	Clare et al 2022				
4000150	Platyhelminthes				Turbellaria	Injection pocket depth	0-2 cm	3	Expert judgement Mats Blomqvist				
4000150	Platyhelminthes				Turbellaria	Mobility	Limited movement	1	Queiros AM et al 2013				
4000150	Platyhelminthes				Turbellaria	Mobility	slow movement through sediment	2	Raymond et al 2021				
4000150	Platyhelminthes				Turbellaria	Reworking	surficial modifiers	3	Queiros AM et al 2013				
4000150	Platyhelminthes				Turbellaria	Reworking	surficial modifiers	3	Raymond et al 2021				
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Burrow type	Open irrigation	3	Bradshaw et al 2006.	10.1016/j.ecss.2005.08.002	Burrow networks		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Burrow type	Open irrigation	3	Poweilleit et al 1994	10.1080/00364827.1994.10413551	Burrow networks		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Feeding type	Deposit feeder	2	Aarnio et al 1998	10.3354/meps163145	stomach content analysis and predation experiments detritus = 62 to 68 % of the stomach contents was detritus eaten, meiofauna also eaten		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Feeding type	Predator	2	Ankar & Sigvaldadottir 1981	https://doi.org/10.1080/00785236.1981.10426561	It is concluded that this species is mainly carnivorous.		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Injection pocket depth	> 10 cm	3	Bradshaw et al 2006.	10.1016/j.ecss.2005.08.002	Burrow networks to 25cm		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Injection pocket depth	> 10 cm	3	Poweilleit et al 1994	10.1080/00364827.1994.10413551	Burrow networks to 25cm		
233496	Priapulida			Priapulidae	Halicryptus spinulosus	Mobility	slow movement through sediment	3	Gogina et al. 2017				Based on own experience and Aarnio et al. (1998): M3: Slow, free movement through the sediment, crwal/creep through sediment, able to burrow in sediments down to 30 cm deep, burrows may have several opening to the surface. Moves primarily in the vertical

233496	Priapulida				Priapulidae	Halicryptus spinulosus	Reworking	biodiffusors	2	Gogina et al. 2017			Based on own experience and Aarnio et al. (1998): M3: Slow, free movement through the sediment, crwal/creep through sediment, able to burrow in sediments down to 30 cm deep, burrows may have several opening to the surface. Moves primarily in the vertical
233496	Priapulida				Priapulidae	Halicryptus spinulosus	Reworking	upward and downward conveyors	2	Antoni Vivó Pons			
233593	Priapulida				Priapulidae	Priapulus caudatus	Burrow type	Blind ended irrigation	3	Hammond, R. A. (1970). The burrowing of Priapulus caudatus. Journal of Zoology, 162(4), 469-480.		The worm does not live in a distinct burrow but moves vigorously in all directions apparently feeding on any suitable prey encountered. Healthy specimens of Priapulus seem to remain below the surface of the substratum. However worms that have been maintai	
233593	Priapulida				Priapulidae	Priapulus caudatus	Feeding type	Predator	3	Hammond 1970	https://doi.org/10.1111/j.1469-7998.1970.tb01281.x	The worm does not live in a distinct burrow but moves vigorously in all directions apparently feeding on any suitable prey encountered.	
233593	Priapulida				Priapulidae	Priapulus caudatus	Feeding type	Predator	3	Renz et al. 2018	https://doi.org/10.1016/j.marenvres.2018.09.013	Table 3: predator and scavenger	
233593	Priapulida				Priapulidae	Priapulus caudatus	Injection pocket depth	2-5 cm	3	Morys, C., Powilleit, M., Forster, S., 2017. Bioturbation in relation to the depth distribution of macrozoobenthos in the southwestern Baltic Sea. Marine Ecology Progress Series 579, 19–36	10.3354/meps12236	Thirteen species, with Kurtiella bidentata (<3 mm), Capitella capitata, Diastylis rathkei and Priapulus caudatus occurring most frequently, were found in the cores up to a maximum depth of 4 cm (Table 2, Fig. 3a (i)).	
233593	Priapulida				Priapulidae	Priapulus caudatus	Mobility	Limited movement	3	Powilleit et al. (1994)			
233593	Priapulida				Priapulidae	Priapulus caudatus	Mobility	Limited movement	3	Queiros AM et al 2013			
233593	Priapulida				Priapulidae	Priapulus caudatus	Reworking	biodiffusors	3	Queiros AM et al 2013			
233593	Priapulida				Priapulidae	Priapulus caudatus	Reworking	biodiffusors	3	Powilleit et al. (1994)			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist, copied from Golfingia vulgaris			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Feeding type	Deposit feeder	3	Clare et al 2022			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Feeding type	Deposit feeder	3	Clare et al 2022			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist, copied from Golfingia vulgaris			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
1009329	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia	Reworking	biodiffusors	3	Queiros AM et al 2013			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist, copied from Golfingia vulgaris			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Feeding type	Deposit feeder	3	Clare et al 2022			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Feeding type	Deposit feeder	3	Expert judgement Mats Blomqvist, copied from Golfingia vulgaris			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Feeding type	Deposit feeder	3	Clare et al 2022			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Injection pocket depth	5-10 cm	3	Expert judgement Mats Blomqvist, copied from Golfingia vulgaris			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Reworking	biodiffusors	3	Mestdagh et al 2020			
234285	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia margaritacea	Reworking	biodiffusors	3	Queiros AM et al 2013			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Feeding type	Deposit feeder	3	Raymond et al 2021			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Injection pocket depth	5-10 cm	3	Raymond et al 2021			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Mobility	Limited movement	2	Raymond et al 2021			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Reworking	biodiffusors	3	Queiros AM et al 2013			
233493	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Golfingia vulgaris	Reworking	biodiffusors	3	Raymond et al 2021			
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Burrow type	Open irrigation	3	Romero-Wetzel, M. B. (1987). Sipunculans as inhabitants of very deep, narrow burrows in deep-sea sediments. Marine Biology, 96, 87-91.	10.1007/BF00394841	Fig 4 + Table 1	
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Feeding type	Deposit feeder	3	Clare et al 2022			
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Feeding type	Deposit feeder	3	Clare et al 2022			
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Injection pocket depth	> 10 cm	3	Romero-Wetzel, M. B. (1987). Sipunculans as inhabitants of very deep, narrow burrows in deep-sea sediments. Marine Biology, 96, 87-91.	10.1007/BF00394841	Fig 4 + Table 1	
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Mobility	slow movement through sediment	3	Expert judgement Mats Blomqvist based on N minutum			
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Reworking	biodiffusors	3	Clare et al 2022			
247481	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma diaphanes	Reworking	biodiffusors	3	Expert judgement Eivind Oug			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Burrow type	Open irrigation	3	Romero-Wetzel, M. B. (1987). Sipunculans as inhabitants of very deep, narrow burrows in deep-sea sediments. Marine Biology, 96, 87-91.	10.1007/BF00394841	Fig 4 + Table 1	
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Feeding type	Deposit feeder	3	Clare et al 2022			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Feeding type	Deposit feeder	3	Clare et al 2022			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Injection pocket depth	> 10 cm	3	Romero-Wetzel, M. B. (1987). Sipunculans as inhabitants of very deep, narrow burrows in deep-sea sediments. Marine Biology, 96, 87-91.	10.1007/BF00394841	Fig 4 + Table 1	
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Reworking	biodiffusors	3	Queiros AM et al 2013			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Reworking	biodiffusors	3	Expert judgement Eivind Oug			
247480	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Nephasoma minutum	Reworking	biodiffusors	3	NIVA traits database			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Deposit feeder	2	Boudaya et al. 2019	https://doi.org/10.1007/s11356-019-04809-8	Thysanocardia was Golfingia before. Golfingia elongata regarded to be a selective deposit feeder	
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Deposit feeder	2	Clare et al. 2017	https://doi.org/10.1111/oik.03661	Thysanocardia was Golfingia before. Golfingia regarded to be deposit feeding	
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Deposit feeder	2	Nicolas et al. 2007	https://doi.org/10.1016/j.ecss.2007.03.006	For Phascolion strombus, another Sipuncolid: non-selective deposit feeding	
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Deposit feeder	2	Carlier et al. 2007	https://doi.org/10.1016/j.ecss.2006.10.001	Other Sipuncolids: deposit feeding	
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Deposit feeder	2	Fanelli et al. 2011	https://doi.org/10.1016/j.dsr.2010.12.005	Other Sipuncolids: deposit feeding	
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Feeding type	Surface filter feeder	2	Raymond et al 2021			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Mobility	Limited movement	2	Raymond et al 2021			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Mobility	slow movement through sediment	1	Queiros AM et al 2013			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Reworking	biodiffusors	3	Queiros AM et al 2013			
234279	Sipuncula	Sipunculidea	Golfingiiformes	Golfingiidae	Thysanocardia procera	Reworking	biodiffusors	3	Raymond et al 2021			
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Burrow type	Blind ended irrigation	3	Expert judgement Mats Blomqvist based on other Golfingiidae			
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Feeding type	Deposit feeder	3	Clare et al 2022			
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Feeding type	Deposit feeder	3	Clare et al 2022			
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Feeding type	Deposit feeder	3	Schaanning, M.T., Trannum, H.C., Øxnevad, S., Carroll, J., Bakke, T., 2008. Effects of drill cuttings on biogeochemical fluxes and macrobenthos of marine sediments. Journal of Experimental Marine Biology and Ecology 361, 49–57	https://doi.org/10.1016/j.jembe.2008.04.014	Onchnesoma steenstrupi lives as a surface deposit feeder, and is generally considered a sensitive species (Rygg, 2002)	
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Injection pocket depth	2-5 cm	3	Josefson, A.B., 1981. Persistence and structure of two deep macrobenthic communities in the Skagerrak (west coast of Sweden). Journal of Experimental Marine Biology and Ecology 50, 63–97	https://doi.org/10.1016/0022-0981(81)90063-0	Fig 11 4 cm	

233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Mobility	slow movement through sediment	3	Queiros AM et al 2013			
233569	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Onchnesoma steenstrupi	Reworking	biodiffusors	3	Queiros AM et al 2013			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Burrow type	Epifauna, internal irrigation	3	Raymond et al 2021			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Feeding type	Deposit feeder	3	Raymond et al 2021			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Feeding type	Deposit feeder	3	Clare et al 2022			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Injection pocket depth	0-2 cm	3	Raymond et al 2021			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Mobility	Fixed tubes	2	Raymond et al 2021			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Mobility	Limited movement	1	Queiros AM et al 2013			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Reworking	surficial modifiers	3	Raymond et al 2021			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Reworking	surficial modifiers	3	NIVA traits database			
233578	Sipuncula	Sipunculidea	Golfingiiformes	Phascolionidae	Phascolion strombus	Reworking	surficial modifiers	3	Queiros AM et al 2013			
233610	Xenacoelomorpha	Xenoturbellida, classis incertae sedis	Xenoturbellidae, ordines incertae sedis	Xenoturbellidae	Xenoturbella bocki	Burrow type	Blind ended irrigation	3	Raymond et al 2021			
233610	Xenacoelomorpha	Xenoturbellida, classis incertae sedis	Xenoturbellidae, ordines incertae sedis	Xenoturbellidae	Xenoturbella bocki	Feeding type	Predator	3	Raymond et al 2021			
233610	Xenacoelomorpha	Xenoturbellida, classis incertae sedis	Xenoturbellidae, ordines incertae sedis	Xenoturbellidae	Xenoturbella bocki	Injection pocket depth	2-5 cm	3	Raymond et al 2021			
233610	Xenacoelomorpha	Xenoturbellida, classis incertae sedis	Xenoturbellidae, ordines incertae sedis	Xenoturbellidae	Xenoturbella bocki	Mobility	slow movement through sediment	3	Raymond et al 2021			
233610	Xenacoelomorpha	Xenoturbellida, classis incertae sedis	Xenoturbellidae, ordines incertae sedis	Xenoturbellidae	Xenoturbella bocki	Reworking	biodiffusors	3	Raymond et al 2021			