Macroinvertebrate Matrix	BSL Project 2305 - Muir Mhor OWF																																													
AphiaID	Phylum	Taxa	Authority	MM_OWF_01_SEC_DNA	MM_OWF_02_SEC_DNA	MM_OWF_03_SEC_DNA	MM_OWF_04_SEC_DNA	MM_OWF_05_SEC_DNA	MM_OWF_06_SEC_DNA	MM_OWF_07_SEC_DNA	MM_OWF_08_SEC_DNA	MM_OWF_09_SEC	MM_OWF_10_SEC	MM_OWF_11_SEC_DNA	MM_OWF_12_SEC	MM_OWF_13_SEC_DNA	MM_OWF_15_SEC_DNA	MM_OWF_16_SEC	MM_OWF_17_SEC	MM_OWF_18_SEC_DNA	MM_OWF_19_SEC	MM_OWF_22_SEC_DNA	MM_OWF_23_SEC	MM_OWF_24_SEC	MM_OWF_25_SEC	MM_OWF_26_SEC_DNA	MM_OWF_27_SEC	MM_OWF_29_SEC	MM_OWF_30_SEC_DNA	MM_OWF_31_SEC	MM_OWF_32_SEC_DNA	MM_OWF_35_SEC	MM_OWF_36_SEC_DNA	MM_OWF_38_SEC	MM_OWF_39_SEC	MM_OWF_40_SEC	MM_OWF_41_SEC_DNA	MM_OWF_42_SEC	MM_OWF_43_SEC	MM_OWF_44_SEC_DNA	MM_OWF_45_SEC_DNA	MM_OWF_46_SEC	MM_OWF_47_SEC_DNA	MM_OWF_50_SEC	MM_OWF_64_SEC_DNA	MM_OWF_65_SEC_DNA
Infauna Species																																														
1360	Cnidaria	Actiniaria	Hertwig, 1882											2			2	3					2			4		1																		2
100665	Cnidaria	Edwardsiidae	Andres, 1881	7	11	12	2	19	10	13	5	13	15	18	12	14	39	13	15	9	14		17	7	22		8	13	15	36	5	14	5	2	5	48	18	7	16	10	1	11	7	7	6	25
135144	Cnidaria	*Caryophyllia (Caryophyllia) smithii*	Stokes & Broderip, 1828																				3																							
128517	Cnidaria	*Pennatula phosphorea*	Linnaeus, 1758				1			1																															2					
1674631	Cnidaria	*Synarachnactis lloydii*	(Gosse, 1859)		2	1	1	5	3	2			1	12		4	21	13	3	4	2	2	8	8	7	2	7	10	14	14	1	5	12	2	5	22	5	1	1	3	1	3	2	2		9
112299	Foraminifera	*Astrorhiza*	Sandahl, 1858		34	11	8	8	10	5			1	1	9	8	2		1											1							4				2	3				
799	Nematoda	Nematoda						1	1	1	7	24			1	2	2	9		5	12	7	10	12	34	246	55	45	15	3	37	44	15	86	37		7	3	4	15			12	31	1	4
152391	Nemertea	Nemertea			4	1	5	9	4	3	3			9	5	12	16	10	2	1	2		11	3	7	3	6	11	13	6	5	6	9	6	1	4	16	1	3	5	1	3	1	1		2
793	Platyhelminthes	Platyhelminthes	Minot, 1876		1		1				1	1		1			3	3		1			3						1	1				1			1			1		1				
410717	Annelida	*Aspidosiphon (Aspidosiphon) muelleri muelleri*	Diesing, 1851						1		1						1				2			1											1		2			1						2
175026	Annelida	Golfingia (Golfingia) elongata	(Keferstein, 1862)																													1														
410724	Annelida	*Golfingia (Golfingia) vulgaris vulgaris*	(de Blainville, 1827)																																1											
136060	Annelida	*Nephasoma (Nephasoma) minutum*	(Keferstein, 1862)																3				3						4					6											2	
410749	Annelida	*Phascolion (Phascolion) strombus strombus*	(Montagu, 1804)		1	1		2			2									2	1					3					1				1											
137349	Annelida	*Grania*	Southern, 1913								2	6						1		4	3	1		1	4	18	10	13	10		25	1	10	17			5	3					1	11		
110377	Annelida	*Echiurus echiurus*	(Pallas, 1766)																				2																							
130041	Annelida	*Protodorvillea kefersteini*	(McIntosh, 1869)																							10		2			2	1												1		
130240	Annelida	*Lumbrineris cingulata*	Ehlers, 1897		4	1	1		1	1				11		3	5	3					13		1				1	4				1	2	3			2		3	2	1			2
130464	Annelida	*Hyalinoecia tubicola*	(O.F. Müller, 1776)		1	1	1	4	1	1			1					1	1		2				1								1	1						1	1	1	1		1	
130467	Annelida	*Nothria conchylega*	(Sars, 1835)																																					1	1					
130116	Annelida	*Glycera alba*	(O.F. Müller, 1776)		2		1	1						1	1		1		1				2																7							2
130119	Annelida	*Glycera celtica*	O'Connor, 1987					1		1																										1										
336908	Annelida	*Glycera fallax*	Quatrefages, 1850															1				1												1												
130123	Annelida	*Glycera lapidum*	Quatrefages, 1866									2					3				2		4	1	5	6	3	7	4	6		1	4	1	1	4	5			3				2	3	
130126	Annelida	*Glycera oxycephala*	Ehlers, 1887																	1																										
130136	Annelida	*Glycinde nordmanni*	(Malmgren, 1866)				1		1	3	1	3		4			3	1	1	2	1		3		2		1		1	1			5			2				1		1	1			2
130140	Annelida	*Goniada maculata*	Örsted, 1843	1	2		2	2	3	2				5		1	3		1	1			1					1	3	1						1	1		2	2		2				4
130145	Annelida	*Goniadella gracilis*	(Verrill, 1873)								5	7						6		8		4		3	6	8	4	7	1	1	7	14	5	12	7			4					6	4		
130185	Annelida	*Nereimyra punctata*	(Müller, 1788)											5			5	1					7						1																	5
710680	Annelida	*Oxydromus flexuosus*	(Delle Chiaje, 1827)				1																																							
130195	Annelida	*Podarkeopsis capensis*	(Day, 1963)	1				2	2	1													1													1	1									
152249	Annelida	*Psamathe fusca*	Johnston, 1836														1																													
130198	Annelida	*Syllidia armata*	Quatrefages, 1866																				2																							
130206	Annelida	*Lacydonia miranda*	Marion, 1874																							1																				
130343	Annelida	*Aglaophamus agilis*	(Langerhans, 1880)						1													1		1														3					2			
130353	Annelida	*Nephtys assimilis*	Örsted, 1843	1																																					1					
130357	Annelida	*Nephtys cirrosa*	Ehlers, 1868																																								1			
130359	Annelida	*Nephtys hombergii*	Savigny in Lamarck, 1818					1	2	1																																				1
130352	Annelida	*Nephtys pente*	Rainer, 1984											1																																
130407	Annelida	*Nereis zonata*	Malmgren, 1867											4		1	7						6						1	5																4
130610	Annelida	*Chaetoparia nilssoni*	Malmgren, 1867					2										1															1													
130616	Annelida	*Eteone longa*	(Fabricius, 1780)									1					2				1				1			1	1		1			2	3									2		
129445	Annelida	*Eulalia*	Savigny, 1822																															1										1		
130624	Annelida	*Eulalia bilineata*	(Johnston, 1840)														4		1										1																	1
130631	Annelida	*Eulalia mustela*	Pleijel, 1987								2	3		2										3	1	3	1	1		1	3	2	3	1	2			1					2	2		
129446	Annelida	*Eumida*	Malmgren, 1865				1							5		3	5	1	2				9					1	5	6			2			1										5
130649	Annelida	*Hesionura elongata*	(Southern, 1914)																							4		3						1										2		
152250	Annelida	*Hypereteone foliosa*	(Quatrefages, 1865)									1																																		
130654	Annelida	*Mystides caeca*	Langerhans, 1880																										1																	
130656	Annelida	*Nereiphylla lutea*	(Malmgren, 1865)																				1																							1
334506	Annelida	*Phyllodoce groenlandica*	Örsted, 1842									1		1		1						1																								
334514	Annelida	*Phyllodoce rosea*	(McIntosh, 1877)				1																														1									
130683	Annelida	*Pseudomystides limbata*	(Saint-Joseph, 1888)																									2							2	1										
130690	Annelida	*Sige fusigera*	Malmgren, 1865	1				1																										1												
130696	Annelida	*Glyphohesione klatti*	Friedrich, 1950													1													1							1	5								1	
130763	Annelida	*Harmothoe fragilis*	Moore, 1910														1						2						6																	
571832	Annelida	*Harmothoe glabra*	(Malmgren, 1865)							1										4	1										2	3							1	1				2		
130801	Annelida	*Lepidonotus squamatus*	(Linnaeus, 1758)											1																																
152276	Annelida	*Malmgrenia arenicolae*	(Saint-Joseph, 1888)											2																1																
152304	Annelida	*Malmgrenia ljungmani*	(Malmgren, 1867)																														1		1											
147007	Annelida	*Malmgrenia mcintoshi*	(Tebble & Chambers, 1982)																								1		1																	1
130598	Annelida	*Pholoe assimilis*	Örsted, 1845											3														1	2			1				1										
130599	Annelida	*Pholoe baltica*	Örsted, 1843	1								1		4		3	7	3	1		1		2		5	1		2		3	2	1	3		3	1	1		1			1				5
130601	Annelida	*Pholoe inornata*	Johnston, 1839											3			11	1	5				9		1				4																	9
130707	Annelida	*Pisione remota*	(Southern, 1914)																			1				21	18	8			27	25		25	9			5						12		
131077	Annelida	*Sthenelais limicola*	(Ehlers, 1864)		1		1		1															1																1			2			
131100	Annelida	*Sphaerodorum gracilis*	(Rathke, 1843)		2				1	1	1			2		1			4				1																		1					1
131285	Annelida	*Dioplosyllis cirrosa*	Gidholm, 1962																												1													1		
131288	Annelida	*Eurysyllis tuberculata*	Ehlers, 1864																										2																	
131290	Annelida	*Eusyllis blomstrandi*	Malmgren, 1867																																											1
333456	Annelida	*Exogone verugera*	(Claparède, 1868)					2			2		4	1	9	5	1	1		2	5			2						2			2	1	1		20			7					1	1
129659	Annelida	*Myrianida*	Milne Edwards, 1845														1						1						1					1	1									1		1
131327	Annelida	*Odontosyllis fulgurans*	(Audouin & Milne Edwards, 1833)														1										1																			

AphiaID	Phylum	Taxa	Authority	MM_OWF_01_SEC_DNA	MM_OWF_02_SEC_DNA	MM_OWF_03_SEC_DNA	MM_OWF_04_SEC_DNA	MM_OWF_05_SEC_DNA	MM_OWF_06_SEC_DNA	MM_OWF_07_SEC_DNA	MM_OWF_08_SEC_DNA	MM_OWF_09_SEC	MM_OWF_10_SEC	MM_OWF_11_SEC_DNA	MM_OWF_12_SEC	MM_OWF_13_SEC_DNA	MM_OWF_15_SEC_DNA	MM_OWF_16_SEC	MM_OWF_17_SEC	MM_OWF_18_SEC_DNA	MM_OWF_19_SEC	MM_OWF_22_SEC_DNA	MM_OWF_23_SEC	MM_OWF_24_SEC	MM_OWF_25_SEC	MM_OWF_26_SEC_DNA	MM_OWF_27_SEC	MM_OWF_29_SEC	MM_OWF_30_SEC_DNA	MM_OWF_31_SEC	MM_OWF_32_SEC_DNA	MM_OWF_35_SEC	MM_OWF_36_SEC_DNA	MM_OWF_38_SEC	MM_OWF_39_SEC	MM_OWF_40_SEC	MM_OWF_41_SEC_DNA	MM_OWF_42_SEC	MM_OWF_43_SEC	MM_OWF_44_SEC_DNA	MM_OWF_45_SEC_DNA	MM_OWF_46_SEC	MM_OWF_47_SEC_DNA	MM_OWF_50_SEC	MM_OWF_64_SEC_DNA	MM_OWF_65_SEC_DNA
757970	Annelida	*Parexogone hebes*	(Webster & Benedict, 1884)							1		3			1			1		3	3					1	2		1		3	5	2	5			2	3	2	1			3			
195974	Annelida	*Prosphaerosyllis*	San Martín, 1984																										1															
131373	Annelida	*Pseudosyllis brevipennis*	Grube, 1863								1												1				1				1	1		1							1			
131379	Annelida	*Sphaerosyllis bulbosa*	Southern, 1914																1							3	1	4	4		5	2	1	3										
131394	Annelida	*Sphaerosyllis taylori*	Perkins, 1981					2			1								1							2		1		3	2		2	3	1									
238207	Annelida	*Streptodonta pterochaeta*	(Southern, 1914)									1							1			1			1						2						1				1	5			
131402	Annelida	*Streptosyllis websteri*	Southern, 1914																1																										
129679	Annelida	*Syllides*	Örsted, 1845											1			1	1	3								1					2				1									
129680	Annelida	*Syllis*	Lamarck, 1818																												1			1									
196002	Annelida	*Syllis parapari*	San Martín & López, 2000								1			3				3					1	2	1	1	3	2	1	1	4	2	2	2						4			2
196003	Annelida	*Syllis pontxioi*	San Martín & López, 2000																				2	1		6		2					11								5			
130890	Annelida	*Chone filicaudata*	Southern, 1914																					2		1		1			1											1			
882443	Annelida	*Dialychone dunerificta*	(Tovar-Hernández, Licciano, Gianrande. 2007)																1						11	7	3	11	2		5	5	1	16	1						5			
129528	Annelida	*Euchone*	Malmgren, 1866																													1												
130921	Annelida	*Jasmineira elegans*	Saint-Joseph, 1894																4										1	1	1		2		1									
131009	Annelida	*Hydroides norvegica*	Gunnerus, 1768															4	2					1		1			5	1			4										2
131051	Annelida	*Serpula vermicularis*	Linnaeus, 1767												1														4														
555935	Annelida	*Spirobranchus triqueter*	(Linnaeus, 1758)																					1																				
129198	Annelida	*Apistobranchus*	Levinsen, 1884						1															5						1								1	1					
130711	Annelida	*Poecilochaetus serpens*	Allen, 1904	1	2			2	3	7			2	3	3	3	1	1		5	2			2			1	1	1	1		3	2		2	4	1	1	1		1	1		2	1
131107	Annelida	*Aonides paucibranchiata*	Southern, 1914			2	1	1	3	1	2	1				1			1	1	2			1	1	14	2	9	1	1		2	1	1	3	2	1	1	2			7	2	
146532	Annelida	*Auraspio banyulensis*	(Laubier, 1966)		1			1	3								2	1	1	4	1		1				5	4	4	6	7	9	5		1	3	4				1			1	3
129611	Annelida	*Dipolydora*	Verrill, 1881														1						5						1															6
131116	Annelida	*Dipolydora caulleryi*	(Mesnil, 1897)																				1				1	3	2					1										
1518242	Annelida	*Laonice irinae*	Sikorski, Radashevsky & Nygren in Sikorski et al, 2021															2						2		1	2	1	6	1		1	1	1	2	1	3							
129614	Annelida	*Malacoceros*	Quatrefages, 1843																										2						2									
129620	Annelida	*Prionospio*	Malmgren, 1867																										1			1			1		4							
131153	Annelida	*Prionospio cirrifera*	Wirén, 1883					4		1										2				1															1						
131155	Annelida	*Prionospio dubia*	Day, 1961				1																																					
131157	Annelida	*Prionospio fallax*	Söderström, 1920																																2									
131169	Annelida	*Pseudopolydora pulchra*	(Carazzi, 1893)								1			1			1	4					1				1	1		1	1	2	1		2	2	3								
129623	Annelida	*Scolelepis*	Blainville, 1828				1	1			1					1		1								1	1									1				1					
131171	Annelida	*Scolelepis bonnieri*	(Mesnil, 1896)							2											1															1				1					
131174	Annelida	*Scolelepis korsuni*	Sikorski, 1994																	1					2				1	1	2					5								1
129625	Annelida	*Spio*	Fabricius, 1785																				1				5		2	1		1	3			2						1	9	
131180	Annelida	*Spio armata*	(Thulin, 1957)				1					1	1				3	10							3	3	1	4		1					4									
131184	Annelida	*Spio goniocephala*	Thulin, 1957													1				15	1																		3		1		2		6	
131187	Annelida	*Spiophanes bombyx*	(Claparède, 1870)	1	3	4		3	8	7	8	5	2			1		4	1	8	2	1		2	5	4		3	1	2	1		2	7	2	1		6	3	2	3	9	2	5	2	5	4
131188	Annelida	*Spiophanes kroyeri*	Grube, 1860	6	9	5	4	8	3	9	1	3	1	15	1	5	11	14	3	3		2	4	3	4	1	1	4	16	3		18	1	6	27	3					5	5	11		1	2	9
129240	Annelida	*Aphelochaeta*	Blake, 1991									2																		1	1													
129241	Annelida	*Caulleriella*	Chamberlin, 1919																					1																1					
129242	Annelida	*Chaetozone*	Malmgren, 1867		2			1		1	1	1	2					1		1	1	1	1	2	2			4	3			3	5		2						1	1	1			
152217	Annelida	*Chaetozone christiei*	Chambers, 2000				1									1																						1							
129243	Annelida	*Cirratulus*	Lamarck, 1818									1										1		1							1			2						1					3
129246	Annelida	*Dodecaceria*	Örsted, 1843																											1													
152269	Annelida	*Tharyx killariensis*	(Southern, 1914)					2	1	2																									4					1				
130100	Annelida	*Diplocirrus glaucus*	(Malmgren, 1867)	4	2	3	3	3	5	7				4	3	5			1					2						3							1		6	8					4
129777	Annelida	*Ampharete falcata*	Eliason, 1955			3	7		1	2					1				1		1																	2						
1353079	Annelida	*Ampharete oculicirrata*	Parapar, Moreira & Barnich, 2019														3									1				1				1				1						
129789	Annelida	*Anobothrus gracilis*	(Malmgren, 1866)	1	1	1	2		2	1				1		1	1																		4									1
152448	Annelida	*Amphictene auricoma*	(O.F. Müller, 1776)			1	1		1	1				9		3	4		4				3						1						1	1	2	3		1				2
152367	Annelida	*Lagis koreni*	Malmgren, 1866				1	2		1										2			2											1				1		3	1			2
131480	Annelida	*Amphitritides gracilis*	(Grube, 1860)									1																																
131495	Annelida	*Lanice conchilega*	(Pallas, 1766)		2	1	1	4	2	1	2	3	1	1			4	4	1	1			1	1		1		1	1	8				7		3	2	5			1	5	2	1	1		1
131500	Annelida	*Lysilla loveni*	Malmgren, 1866				1		1														1																					
131501	Annelida	*Lysilla nivea*	Langerhans, 1884																1												1				1									
131512	Annelida	*Paratheleplus collaris*	(Southern, 1914)																							5		6			4	1		10								1		
131513	Annelida	*Phisidia aurea*	Southward, 1956																2												3		3											
131516	Annelida	*Pista cristata*	(Müller, 1776)					1	1				1				2	6		1	1			2	1							1	4	3				1						
131519	Annelida	*Pista mediterranea*	Gaillande, 1970									1															1	2					1											
129710	Annelida	*Polycirrus*	Grube, 1850		1							3	1	8		1	9	2	4	3	4		6	4	2	2	6	5	6	4		2	8	14	5		1	2		6		12	1	1	9
129712	Annelida	*Streblosoma*	M. Sars in G.O. Sars, 1872		1							1																														1			
131543	Annelida	*Thelepus cincinnatus*	(Fabricius, 1780)																							1																			
129717	Annelida	*Terebellides*	Sars, 1835														2		2				2					1	1	1				1		1								1
131574	Annelida	*Trichobranchus glacialis*	Malmgren, 1866												1				1				1																					
129884	Annelida	*Heteromastus filiformis*	(Claparède, 1864)				1		1	2						1							1																					
129892	Annelida	Mediomastus fragilis	Rasmussen, 1973												3			2		1						1	1	5	2		2			3	5							1		
129220	Annelida	*Notomastus*	M. Sars, 1851								3	6			2		3	12		2	4		4		7	4	8	4	1	4	10	5	11	10	1	5	1	1	1		4	5			
129906	Annelida	*Peresiella clymenoides*	Harmelin, 1968		3			6	4	4			1	3	1	1	3			5								4			1	1		12	1				1	1			1		
129911	Annelida	*Pseudonotomastus southerni*	Warren & Parker, 1994																								1															1			
130266	Annelida	*Magelona alleni*	Wilson, 1958					1	2	1			1	5																									3					1	
130291	Annelida	*Euclymene droebachiensis*	(Sars, 1872)										1																															
209899	Annelida	*Euclymene lombricoides*	(Quatrefages, 1866)											2															1														
130294	Annelida	*Euclymene oerstedii*	(Claparède, 1863)														6						2																				
146991	Annelida	*Leiochone*	Grube, 1868				1				1	3		1				1	1	1	1			2	6			8	1			1	2	2	2	1	1	1	2	1		1	1		3
130322	Annelida	*Praxillella affinis*	(M. Sars in G.O. Sars, 1872)																										1				4	1										
129358	Annelida	*Notoproctus*	Arwidsson, 1906				1																																					
130310	Annelida	*Micromaldane ornithochaeta*	Mesnil, 1897																										1															
130491	Annelida	*Ophelia borealis*	Quatrefages, 1866					3			6	13	6			4		9	5	2			7	1	6	2		1		2	5	9		2		5	1	4	3		1	6	2	3	
130500	Annelida	*Ophelina acuminata*	Örsted, 1843							1					1	1		1		2																					1			1	
130503	Annelida	*Ophelina cylindricaudata*	(Hansen, 1879)							1																																			
130523	Annelida	*Orbinia sertulata*	(Savigny, 1822)																																							2			
130537	Annelida	*Scoloplos armiger*	(Müller, 1776)	1	2		4	1	5	3			1	1		7																												1	
146949	Annelida	*Galathowenia*	Kirkegaard, 1959	8	6	10	21	25	6	15	2	2	4		1	9		1	2		6		1	10				2		7			1			11	1	7	15	3	8			1		
130540	Annelida	*Myriochele danielsseni*	Hansen, 1878								1		8		2			5						9								1			9		6	3	3	1					
129427	Annelida	*Owenia*	Delle Chiaje, 1844	21	7	15	23	26	12	12	10	10	12	7	17	11	7	3	2	7	8	1	1	7	4	5	1	7	4	10	2	2	2	2	4	3	15	3	5	4	9	31	1	1		8
333034	Annelida	*Aricidea (Acmira) catherinae*	Laubier, 1967					3	1							3																			2		1							1
525497	Annelida	*Aricidea (Acmira) cerrutii*	Laubier, 1966				1	3			3	1	1			2	1	2				1		2		3				2		3	2	1	4		1	2		2		2	1	3	
326587	Annelida	*Aricidea (Acmira) laubieri*	Hartley, 1981		2											1																												
731235	Annelida	*Aricidea (Acmira) simonae*	Laubier & Ramos, 1974															2			1				1										1									
326605	Annelida	*Aricidea (Aricidea) wassi*	Pettibone, 1965																																	1								
130585	Annelida	*Paradoneis lyra*	(Southern, 1914)			4			1	1		1	2	1		1	7	2			5		11		3				5	2		1		1	2		1	3	3		1		2	14
129472	Annelida	*Polygordius*	Schneider, 1868																												15	21	1	12			2					13			
130867	Annelida	*Sabellaria spinulosa*	(Leuckart, 1849)											51			36	1	15				25			21	10	5		14	48														45

AphiaID	Phylum	Taxa	Authority	MM_OWF_01_SEC_DNA	MM_OWF_02_SEC_DNA	MM_OWF_03_SEC_DNA	MM_OWF_04_SEC_DNA	MM_OWF_05_SEC_DNA	MM_OWF_06_SEC_DNA	MM_OWF_07_SEC_DNA	MM_OWF_08_SEC_DNA	MM_OWF_09_SEC	MM_OWF_10_SEC	MM_OWF_11_SEC_DNA	MM_OWF_12_SEC	MM_OWF_13_SEC_DNA	MM_OWF_15_SEC_DNA	MM_OWF_16_SEC	MM_OWF_17_SEC	MM_OWF_18_SEC_DNA	MM_OWF_19_SEC	MM_OWF_22_SEC_DNA	MM_OWF_23_SEC	MM_OWF_24_SEC	MM_OWF_25_SEC	MM_OWF_26_SEC_DNA	MM_OWF_27_SEC	MM_OWF_29_SEC	MM_OWF_30_SEC_DNA	MM_OWF_31_SEC	MM_OWF_32_SEC_DNA	MM_OWF_35_SEC	MM_OWF_36_SEC_DNA	MM_OWF_38_SEC	MM_OWF_39_SEC	MM_OWF_40_SEC	MM_OWF_41_SEC_DNA	MM_OWF_42_SEC	MM_OWF_43_SEC	MM_OWF_44_SEC_DNA	MM_OWF_45_SEC_DNA	MM_OWF_46_SEC	MM_OWF_47_SEC_DNA	MM_OWF_50_SEC	MM_OWF_64_SEC_DNA	MM_OWF_65_SEC_DNA
130974	Annelida	*Asclerocheilus intermedius*	(Saint-Joseph, 1894)											1							2									2													
130980	Annelida	*Scalibregma inflatum*	Rathke, 1843		1	1		3	1					2	1	3	5	2			1		1						1	1		1	1		1	7					1				2
130512	Annelida	*Travisia forbesii*	Johnston, 1840										1							1																							
102497	Arthropoda	*Acidostoma obesum*	(Spence Bate, 1862)							1																																		
101445	Arthropoda	*Ampelisca*	Krøyer, 1842				1			2		1			2						3							1					2			3		1			1			1	1
101891	Arthropoda	*Ampelisca brevicornis*	(A. Costa, 1853)	1																																								
101896	Arthropoda	*Ampelisca diadema*	(A. Costa, 1853)												1					1				1																					
179882	Arthropoda	*Ampelisca pectenata*	Reid, 1951								2							4				2			9			2	2			2		3	3						1			
101915	Arthropoda	*Ampelisca provincialis*	Bellan-Santini & Kaim-Malka, 1977																																	1								
101928	Arthropoda	*Ampelisca spinipes*	Boeck, 1861											1				1		4				2					1												1			
101930	Arthropoda	*Ampelisca tenuicornis*	Liljeborg, 1856											2		1																						1		1				
101933	Arthropoda	*Ampelisca typica*	(Spence Bate, 1857)								1																															1			
101960	Arthropoda	*Amphilochoides boeckii*	G.O. Sars, 1895									1						1																											
101967	Arthropoda	*Amphilochus manudens*	Spence Bate, 1862																					2																					1
236495	Arthropoda	*Apolochus neapolitanus*	(Della Valle, 1893)									1			1											1																			
101977	Arthropoda	*Gitana sarsi*	Boeck, 1871															1	1					3																					1
101982	Arthropoda	*Paramphilochoides odontonyx*	(Boeck, 1871)					1																							1				2		1						
101368	Arthropoda	*Aoridae*	Stebbing, 1899			4		1	1	1		2	1			2		2	3	2	7	1		4							3			2		2		5	1		3			1	
102021	Arthropoda	*Autonoe longipes*	(Liljeborg, 1852)		1	1				1				7		2													3		1				4				2				3
102064	Arthropoda	*Argissa hamatipes*	(Norman, 1869)						1									1	1										1	1													1	
102139	Arthropoda	*Nototropis falcatus*	(Metzger, 1871)																						1																			
179538	Arthropoda	*Nototropis vedlomensis*	(Spence Bate & Westwood, 1862)									6	1					2				1	2		2	2	1	8	3	2		8	7	5	6		1		1		1	4	3	1
101742	Arthropoda	*Bathyporeia*	Lindström, 1855	4		1	1	2		11						1				4				2													5		3				1
103058	Arthropoda	*Bathyporeia elegans*	Watkin, 1938						5		9	1	4			3				11	8			3														5	3	1		1	6		4	
103076	Arthropoda	*Bathyporeia tenuipes*	Meinert, 1877	2																																								
102178	Arthropoda	*Calliopius laeviusculus*	(Krøyer, 1838)											1		2																												
101857	Arthropoda	*Pariambus typicus*	(Krøyer, 1845)	1						2																																1			
101864	Arthropoda	*Phtisica marina*	Slabber, 1769															1																											
101669	Arthropoda	*Cheirocratus*	Norman, 1867			1		1										2	2					1					1	1														1
102036	Arthropoda	*Leptocheirus hirsutimanus*	(Spence Bate, 1862)									5									2					2		3	1			6	2	1		1	1					2		
423507	Arthropoda	*Medicorophium affine*	(Bruzelius, 1859)						2																																			
102119	Arthropoda	*Cressa dubia*	(Spence Bate, 1857)															2																										
101983	Arthropoda	*Peltocoxa brevirostris*	(Scott & Scott, 1893)																					1																				
102137	Arthropoda	*Guernea (Guernea) coalita*	(Norman, 1868)									9						1					3			5	5	6	12	6		7	10	4	5	4	6					1		
101736	Arthropoda	*Dyopedos*	Spence Bate, 1857							1														1																				
101738	Arthropoda	*Paradulichia*	Boeck, 1871							1																																		
101554	Arthropoda	*Iphimedia*	Rathke, 1843																1																										
1059649	Arthropoda	*Centraloecetes striatus*	(Myers & McGrath, 1979)								1																																		
102460	Arthropoda	*Leucothoe incisa*	Robertson, 1892									3															1																		
102462	Arthropoda	*Leucothoe lilljeborgi*	Boeck, 1861																																2										
102915	Arthropoda	*Perioculodes longimanus*	(Spence Bate & Westwood, 1868)	1						1	1																																	
102918	Arthropoda	*Pontocrates arenarius*	(Spence Bate, 1858)																												3													
102928	Arthropoda	*Synchelidium maculatum*	Stebbing, 1906											1		2	1	2						1				1						1		1								1
102932	Arthropoda	*Westwoodilla caecula*	(Spence Bate, 1857)	3		2	3								1		1	1												2			2		1	4		7					
102364	Arthropoda	*Gammaropsis maculata*	(Johnston, 1828)											2															1														
102369	Arthropoda	*Gammaropsis palmata*	(Stebbing & Robertson, 1891)	1			1			1	1					2	2						2											2		1				1			
102377	Arthropoda	*Megamphopus cornutus*	Norman, 1869									1						4	1						1	6	2		7	3	1	10		6		3	1					5		2
102383	Arthropoda	*Photis longicaudata*	(Spence Bate & Westwood, 1862)		1					2														2																				3
101716	Arthropoda	*Harpinia*	Boeck, 1876			1								1																						1			5	3	1				
102960	Arthropoda	*Harpinia antennaria*	Meinert, 1890	6	1				1																															3	2				
102963	Arthropoda	*Harpinia crenulata*	(Boeck, 1871)															1						3																				3
102968	Arthropoda	*Harpinia laevis*	G.O. Sars, 1891																																				2						
103007	Arthropoda	*Parapleustes assimilis*	(G.O. Sars, 1883)															1						1																				
102720	Arthropoda	*Scopelocheirus hopei*	(A. Costa in Hope, 1851)																																								1			
103110	Arthropoda	*Hardametopa nasuta*	(Boeck, 1871)																					2																				
102570	Arthropoda	*Hippomedon denticulatus*	(Spence Bate, 1857)			1	1			1								1					2								2					1				1				
102598	Arthropoda	*Lepidepecreum longicorne*	(Spence Bate & Westwood, 1861)			1								1	1																				1									
102748	Arthropoda	*Tryphosa nana*	(Krøyer, 1846)															1																										
102779	Arthropoda	*Tryphosites longipes*	(Spence Bate & Westwood, 1861)					1		18		8				1						2										1						4	3			1		
102061	Arthropoda	*Unciola planipes*	Norman, 1867								1											2									1							1				1		
101658	Arthropoda	*Tmetonyx*	Stebbing, 1906																	1		1				1			6		1											1		
103228	Arthropoda	*Urothoe elegans*	Spence Bate, 1857	1						1								4	1	1		1		10					13	11		3	3			2							24
103233	Arthropoda	*Urothoe marina*	(Spence Bate, 1857)																				1																					
110445	Arthropoda	*Bodotria scorpioides*	(Montagu, 1804)										1								1								1					1								1		
110460	Arthropoda	*Iphinoe serrata*	Norman, 1867																																							1			
110462	Arthropoda	*Iphinoe trispinosa*	(Goodsir, 1843)			1																																						
110481	Arthropoda	*Diastylis laevis*	Norman, 1869	4	1	5				3												2	1							3		1				2	2		1		3	2		
110494	Arthropoda	*Diastyloides biplicatus*	(Sars G.O., 1865)				6															1														1	2			1				
110536	Arthropoda	*Eudorellopsis deformis*	(Krøyer, 1846)	11	5	11	3	2	15	5			2			5	6					1																1	2		13			1
110571	Arthropoda	*Nannastacus brevicaudatus*	Calman, 1905																							1		3	5			2	3		2	1						4		
110627	Arthropoda	*Pseudocuma (Pseudocuma) longicorne*	(Bate, 1858)													1																									1			
110628	Arthropoda	*Pseudocuma (Pseudocuma) simile*	G.O. Sars, 1900			1		3								1																										1		
107273	Arthropoda	*Atelecyclus rotundatus*	(Olivi, 1792)											1				1		1														2										1
107557	Arthropoda	*Philocheras bispinosus*	(Hailstone, 1835)					1			1	1																																
107152	Arthropoda	*Galathea nexa*	Embleton, 1836														1																											
107155	Arthropoda	*Galathea strigosa*	(Linnaeus, 1761)											1																														
107499	Arthropoda	*Caridion gordoni*	(Spence Bate, 1858)															1																										
107301	Arthropoda	*Ebalia tuberosa*	(Pennant, 1777)											1				1																		1								
107323	Arthropoda	*Hyas coarctatus*	Leach, 1815														1																										
107393	Arthropoda	*Liocarcinus pusillus*	(Leach, 1816)																					1							1												
107054	Arthropoda	*Processa*	Leach, 1815									1								1																		1						
118445	Arthropoda	*Astacilla*	Cordiner, 1793									1					1																		2									
118855	Arthropoda	*Eurydice truncata*	(Norman, 1868)								1				6			5		2		1		6		2	1	2		3	4			1	1						1			
118437	Arthropoda	*Gnathia*	Leach, 1814												15			8		3				15						1	5				1							1		10
118995	Arthropoda	*Gnathia oxyuraea*	(Lilljeborg, 1855)					1																																				
147031	Arthropoda	*Nebalia*	Leach, 1814																																										
388224	Arthropoda	*Sarsinebalia urgorrii*	Moreira, Gestoso & Troncoso, 2003									2						2	1								1				1			4			1	1						
120020	Arthropoda	*Gastrosaccus spinifer*	(Goës, 1864)																																						1				
247605	Arthropoda	*Tanaissus danica*	(Hansen, 1910)					1																																	1			
136458	Arthropoda	*Tanaopsis graciloides*	(Lilljeborg, 1864)	1			1																	3										1									

AphiaID	Phylum	Taxa	Authority	MM_OWF_01_SEC_DNA	MM_OWF_02_SEC_DNA	MM_OWF_03_SEC_DNA	MM_OWF_04_SEC_DNA	MM_OWF_05_SEC_DNA	MM_OWF_06_SEC_DNA	MM_OWF_07_SEC_DNA	MM_OWF_08_SEC_DNA	MM_OWF_09_SEC	MM_OWF_10_SEC	MM_OWF_11_SEC_DNA	MM_OWF_12_SEC	MM_OWF_13_SEC_DNA	MM_OWF_15_SEC_DNA	MM_OWF_16_SEC	MM_OWF_17_SEC	MM_OWF_18_SEC_DNA	MM_OWF_19_SEC	MM_OWF_22_SEC_DNA	MM_OWF_23_SEC	MM_OWF_24_SEC	MM_OWF_25_SEC	MM_OWF_26_SEC_DNA	MM_OWF_27_SEC	MM_OWF_29_SEC	MM_OWF_30_SEC_DNA	MM_OWF_31_SEC	MM_OWF_32_SEC_DNA	MM_OWF_35_SEC	MM_OWF_36_SEC_DNA	MM_OWF_38_SEC	MM_OWF_39_SEC	MM_OWF_40_SEC	MM_OWF_41_SEC_DNA	MM_OWF_42_SEC	MM_OWF_43_SEC	MM_OWF_44_SEC_DNA	MM_OWF_45_SEC_DNA	MM_OWF_46_SEC	MM_OWF_47_SEC_DNA	MM_OWF_50_SEC	MM_OWF_64_SEC_DNA	MM_OWF_65_SEC_DNA
134643	Arthropoda	*Callipallene brevirostris*	(Johnston, 1837)																1																								
150520	Arthropoda	*Nymphon brevirostre*	Hodge, 1863																																									1
134723	Arthropoda	*Anoplodactylus petiolatus*	(Krøyer, 1844)																																									
106204	Arthropoda	*Scalpellum scalpellum*	(Linnaeus, 1767)											1		9																1											
106257	Arthropoda	*Verruca stroemia*	(O.F. Müller, 1776)											197			1	2	28				86		1	2		5	9	346			2			4					1	1	13
140103	Mollusca	*Hiatella arctica*	(Linnaeus, 1767)											5			1	1	7				6							6														1
140737	Mollusca	*Phaxas pellucidus*	(Pennant, 1777)	1				1																																			
140025	Mollusca	*Glycymeris glycymeris*	(Linnaeus, 1758)																							1					1										2		
1417307	Mollusca	*Papillicardium minimum*	(R. A. Philippi, 1836)																1																								
181343	Mollusca	*Parvicardium pinnulatum*	(Conrad, 1831)																				1																				
140870	Mollusca	*Gari fervensis*	(Gmelin, 1791)																																				1				
140873	Mollusca	*Gari tellinella*	(Lamarck, 1818)																																						1		
141436	Mollusca	*Abra prismatica*	(Montagu, 1808)	1		1					1					1				1	2			2																		
879714	Mollusca	*Asbjornsenia pygmaea*	(Lovén, 1846)																							3	2	4		6											1		
138824	Mollusca	*Astarte sulcata*	(da Costa, 1778)																														2									
138831	Mollusca	*Goodallia triangularis*	(Montagu, 1803)																								1			3												
246148	Mollusca	*Hemilepton nitidum*	(W. Turton, 1822)																2		1																						
345281	Mollusca	*Kurtiella bidentata*	(Montagu, 1803)											2	1					5					1			1	1		1		1			1				3			
140377	Mollusca	*Montacuta substriata*	(Montagu, 1808)	1																																						
146952	Mollusca	*Tellimya ferruginosa*	(Montagu, 1808)																	1																					1		
140237	Mollusca	*Limatula gwyni*	(Sykes, 1903)																													2										
140283	Mollusca	*Lucinoma borealis*	(Linnaeus, 1767)	1			1		1																																	
140440	Mollusca	*Crenella decussata*	(Montagu, 1808)																							2														1		
140584	Mollusca	*Ennucula tenuis*	(Montagu, 1808)			4	5	1		2			1	7	1	8							5							1								2		1	5			
140590	Mollusca	*Nucula nucleus*	(Linnaeus, 1758)														3																										
147154	Mollusca	*Similipecten similis*	(Laskey, 1811)																				1							1		1											
138802	Mollusca	*Arctica islandica*	(Linnaeus, 1767)														1																										
140300	Mollusca	*Spisula elliptica*	(T. Brown, 1827)																			1	1				1		1								1			3		2		
141908	Mollusca	*Chamelea striatula*	(da Costa, 1778)					1			1																																
141909	Mollusca	*Clausinella fasciata*	(da Costa, 1778)																												1											
140728	Mollusca	*Mysia undata*	(Pennant, 1777)															1																									
745846	Mollusca	*Polititapes rhomboides*	(Pennant, 1777)														1																									
141929	Mollusca	*Timoclea ovata*	(Pennant, 1777)											1		1						1	1						1	1												
141934	Mollusca	*Venus casina*	Linnaeus, 1758														1																		1							
140291	Mollusca	*Lyonsia norwegica*	(Gmelin, 1791)			1											1																									
181373	Mollusca	*Cochlodesma praetenue*	(Pulteney, 1799)	2				1												2																1		2				1
152378	Mollusca	*Thracia phaseolina*	(Lamarck, 1818)																	1																						
139736	Mollusca	*Epitonium trevelyanum*	(G. Johnston, 1841)					1																																	
1381415	Mollusca	*Turritellinella tricarinata*	(Brocchi, 1814)																																	1					
139476	Mollusca	*Cylichna cylindracea*	(Pennant, 1777)		2				1	1						3			1																						
139557	Mollusca	*Diaphana minuta*	T. Brown, 1827																											1				1							
161	Mollusca	Philinidae	Gray, 1850 (1815)	1		2	2	2	3	3				6	2			1	1		2					1	1	2	7				1			1		5	2		1		4
138432	Mollusca	*Retusa*	T. Brown, 1827	1	1	2					1						1	1		1		2		1		1	1	2	2		2	1	1	1					1			
138012	Mollusca	*Emarginula*	Lamarck, 1801																				1							1											
137718	Mollusca	*Caecum*	J. Fleming, 1813																	1								1		1											
139800	Mollusca	*Eulima bilineata*	Alder, 1848						2		1	1				1				1				1		1		3								2						
137993	Mollusca	*Vitreolina*	Monterosato, 1884																	1								1													
140533	Mollusca	*Euspira montagui*	(Forbes, 1838)											1				1	1										2	2		1				1						
151894	Mollusca	*Euspira nitida*	(Donovan, 1803)																															1								
141905	Mollusca	*Velutina velutina*	(O. F. Müller, 1776)							2								2						2										1								
1389226	Mollusca	*Cyrillia linearis*	(Montagu, 1803)									1					1	3																								
1762	Mollusca	Nudibranchia	Cuvier, 1817									1					2	1	1										2					3	7							1
175	Mollusca	Onchidoridoidae	Gray, 1827											4			1						1							1												
1477356	Mollusca	*Steromphala tumida*	(Montagu, 1803)															1																								
138691	Mollusca	*Acteon tornatilis*	(Linnaeus, 1758)						1																															1		
138414	Mollusca	*Ondina*	de Folin, 1870																																						1		
565557	Mollusca	*Parthenina*	Bucquoy, Dautzenberg & Dollfus, 1883																											2												
140199	Mollusca	*Leptochiton asellus*	(Gmelin, 1791)						1					2			15	13	2				14		5				4	2			1		11						
150534	Mollusca	*Antalis entalis*	(Linnaeus, 1758)	1						1	1	2			3	1	1		1	1				2					2	8			2	1	1	1		1	1				5
2094	Mollusca	*Solenogastres*	Gegenbaur, 1878											1																												
140560	Mollusca	*Neomenia carinata*	Tullberg, 1875																																	1						
128545	Phoronida	*Phoronis*	Wright, 1856	30	22	24	24	30	79	32	1	1	5	19	40	36	10	5	15		1	1	15	1					16	20		1	8	1	2	6	19	3	13	9	25	41			2	3
123776	Echinodermata	*Asterias rubens*	Linnaeus, 1758														1	2												1												
124273	Echinodermata	*Echinocyamus pusillus*	(O.F. Müller, 1776)	110	78	127	84	31	65	96		1	1	39	48	22	42	21	11		3		9		8					3	17	1	5	5		2	17	12		3		41	94			11
123449	Echinodermata	*Leptosynapta*	Verrill, 1867																												1					1						
146121	Echinodermata	*Psolus*	Oken, 1815																												1											
125064	Echinodermata	*Amphipholis squamata*	(Delle Chiaje, 1828)									2																						1								
125195	Echinodermata	*Amphiura (Ophiopeltis) securigera*	(Düben & Koren, 1846)																															1							
125080	Echinodermata	*Amphiura filiformis*	(O.F. Müller, 1776)					2		1						2								2														2	1			
125110	Echinodermata	*Ophiactis balli*	(W. Thompson, 1840)											1			1	1	4				2													4						1	2
124850	Echinodermata	*Ophiocten affinis*	(Lütken, 1858)					2					1					1										1							2			2				
124913	Echinodermata	*Ophiura albida*	Forbes, 1839						1																																	
1818	Hemichordata	Hemichordata	Bateson, 1885						1	1						1	1	1	1	1									2				1			1	3						
103902	Chordata	*Polycarpa fibrosa*	(Stimpson, 1852)															1																								
104906	Chordata	*Branchiostoma lanceolatum*	(Pallas, 1774)									1										1			3	2	4	3	1		2	2		1				1			6		