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
Epifaunal Species																																														
13551	Cnidaria	Anthoathecata	Cornelius, 1992			1	1	1										1																										1		
1606	Cnidaria	Campanulariidae	Johnston, 1836				1							1		1							1						1																	1
117103	Cnidaria	Halecium	Oken, 1815											1		1																														
117702	Cnidaria	*Lafoea dumosa*	(Fleming, 1820)					1						1		1	1	1																												
117233	Cnidaria	Sertularella	Gray, 1848											1		1		1									1	1			1		1													1
1614	Cnidaria	Sertulariidae	Lamouroux, 1812										1					1					1						1						1											1
117890	Cnidaria	*Hydrallmania falcata*	(Linnaeus, 1758)														1	1					1						1														1			1
117940	Cnidaria	*Thuiaria thuja*	(Linnaeus, 1758)											1																																1
13552	Cnidaria	Leptothecata	Cornelius, 1992	1		1												1									1							1												
558	Porifera	Porifera	Grant, 1836						1			1						1			1		1					1	1															1		1
110829	Bryozoa	Schizomavella	Canu & Bassler, 1917															1					1				1			1			1													1
110835	Bryozoa	Porella	Gray, 1848																1																											
110731	Bryozoa	Bugulidae	Gray, 1848																				1																							
111184	Bryozoa	*Alderina imbellis*	(Hincks, 1860)																											1																
111250	Bryozoa	*Scrupocellaria scruposa*	(Linnaeus, 1758)																				1					1																		
110869	Bryozoa	Cellaria	Ellis & Solander, 1786														1																		1									1		
111268	Bryozoa	*Cellepora pumicosa*	(Pallas, 1766)															1																												
111496	Bryozoa	*Escharella ventricosa*	(Hassall, 1842)									1						1	1														1													1
111367	Bryozoa	*Flustra foliacea*	(Linnaeus, 1758)										1	1		1		1							1			1	1	1		1	1	1											1	
111421	Bryozoa	*Microporella ciliata*	(Pallas, 1766)															1																												
110975	Bryozoa	Schizoporella	Hincks, 1877																								1																	1		
111543	Bryozoa	*Setosella vulnerata*	(Busk, 1860)																								1																			
110993	Bryozoa	Alcyonidium	Lamouroux, 1813																																	1										
111604	Bryozoa	*Alcyonidium parasiticum*	(Fleming, 1828)											1				1																												
111014	Bryozoa	Penetrantia	Silén, 1946					1															1																							
111032	Bryozoa	Crisia	Lamouroux, 1812															1																	1											
111054	Bryozoa	Tubulipora	Lamarck, 1816																																											1
Juvenille Species																																														
2		Animalia				1		1															1				1	1	1	1				1												1
1268	Annelida	Sipuncula	Stephen, 1965	4			1	3	3	5						2	1				2		8		2		1		2		2	2		3	1	2				1	1	2				
965	Annelida	Onuphidae	Kinberg, 1865																			1																								
938	Annelida	Aphroditidae	Malmgren, 1867		1													1					1																							
129296	Annelida	Glycera	Lamarck, 1818						2		4		1			1	2	5	3	5	6				5	11	13	10	6		16	16	12	20	8	4	7	1		9			4	4		3
956	Annelida	Nephtyidae	Grube, 1850	1	1	3	4	4		3	2	3	1	2		1	1	1		4	2			1									1				1		2	1	1	1	2		2	
22496	Annelida	Nereididae	Blainville, 1818											5				1	2										1		1													1		
931	Annelida	Phyllodocidae	Örsted, 1843																															3												
943	Annelida	Sigalionidae	Kinberg, 1856		2	1		2		1					2	1														1									2			1				
980	Annelida	Pectinariidae	Quatrefages, 1866		1	1		1					1					2					1	1				1	1				1							1						
924	Annelida	Opheliidae	Malmgren, 1867				1																																							
902	Annelida	Orbiniidae	Hartman, 1942								1															1	2				2							1								
106834	Arthropoda	Galathea	Fabricius, 1793									1		3		2	2	3	2				3							1																
205077	Arthropoda	Macropodia	Leach, 1814																																											1
106889	Arthropoda	Ebalia	Leach, 1817											1			2	1	1				2							2														1		
106903	Arthropoda	Hyas	Leach, 1814			1										2		1																				1								
106738	Arthropoda	Paguridae	Latreille, 1802	1				1						1												1												1		2						
106925	Arthropoda	Liocarcinus	Stimpson, 1871							1																																				
107079	Arthropoda	Upogebia	Leach, 1814																																	1										
106700	Arthropoda	Majoidea	Samouelle, 1819																											1																
1130	Arthropoda	Decapoda	Latreille, 1802						1								1	2					1							1																2
118437	Arthropoda	Gnathia	Leach, 1814		1		1	1						4			1		3				3				1		1	1	1								1							4
1302	Arthropoda	Pycnogonida	Latreille, 1810												1		1																													
1082	Arthropoda	Cirripedia	Burmeister, 1834																				2																							

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
23091	Mollusca	Pharidae	H. Adams & A. Adams, 1856																																				1		1					
229	Mollusca	Cardiidae	Lamarck, 1809					2	1	1				2				1										2		5			1						2		1	1				
138388	Mollusca	*Gari*	Schumacher, 1817																						1																					
138474	Mollusca	*Abra*	Lamarck, 1818	5	1	3	1	10	8	3	4	3	2		4	1			1	4	4			2				2		1			1				4		3		1	3	1			3
228	Mollusca	Astartidae	d'Orbigny, 1844 (1840)																									1				3														1
138127	Mollusca	Limatula	S. V. Wood, 1839								1	1										4			7	2	2	5			15													1		
247	Mollusca	Myidae	Lamarck, 1809																2				2																							
211	Mollusca	Mytilidae	Rafinesque, 1815											15		1	6		3				5		3		3	2	2	5	1			2	1									4		1
204	Mollusca	Nuculidae	Gray, 1824		1	2		1	2	6				3	1		3	1	3				2																							1
213	Mollusca	Pectinidae	Rafinesque, 1815															1																												
230	Mollusca	Mactridae	Lamarck, 1809									2	3							1		1				2		2			2													1		
138636	Mollusca	Dosinia	Scopoli, 1777																														2								1			3		1
243	Mollusca	Veneridae	Rafinesque, 1815					1														1																						1		
382318	Mollusca	Thracioidea	Stoliczka, 1870 (1839)	4	7	13	4	9	4	2	2	3	4	2	3	18	1	2	6		3	1	5	3	2	1	1	2	1	1	7	1	2		2	1	1		9	3	3	15	1	3	1	4
145	Mollusca	Naticidae	Guilding, 1834	5	1	4	4		3	4		1	1	4	5	3	3	1	4	3		1	1		2	1	3	3	5	8	3	3	2	1		4	2		2		2			1		
149	Mollusca	Buccinidae	Rafinesque, 1815																				1																		1					
55	Mollusca	Polyplacophora	Gray, 1821											1			10					1	9			3	5		9	3	2			5		12										8
123080	Echinodermata	Asteroidea	de Blainville, 1830		2	2	2	3	1	1		1		10	1	1	7	5	3		4	1	7	1	2		3	3	2	4		6	3	4	1	7	1	1	1	1						7
123082	Echinodermata	Echinoidea	Schumacher, 1817	229	157	132	171	282	213	252	22	20	79	26	266	144	61	67	54	95	64	44	43	56	47	45	57	149	64	105	76	49	100	51	11	115	135	68	152	108	69	50	61	36	111	237
123187	Echinodermata	Cucumariidae	Ludwig, 1894															1					1						1		1											1				
123083	Echinodermata	Holothuroidea	de Blainville, 1834												2					2			1	4						1						1										
123084	Echinodermata	Ophiuroidea	Gray, 1840	102	189	37	61	258	138	121	31	167	143	23	155	109	14	12	30	58	174	68	16	123	36	48	45	69	35	38	216	168	59	52		38	158	52	85	133	79	91	30	82	50	44
1839	Chordata	Ascidiacea	Blainville, 1824	2			2		2	4	1	1	3			1					2			1	1		1	1														1				
Damaged Species																																														
939	Annelida	Polynoidae	Kinberg, 1856	2	1	2	1	2				5		18	1	4	26	6	11				16		7	7	6	7	3	5	3	2	6	4	3	8	1		4		1		1	5		8
152233	Annelida	Eusyllinae	Malaquin, 1893																									1																		
985	Annelida	Sabellidae	Latreille, 1825																							2																				
988	Annelida	Serpulidae	Rafinesque, 1815										1				3	7									2		2				3	6	1	2								1		
913	Annelida	Spionidae	Grube, 1850																														2		2	3										
981	Annelida	Ampharetidae	Malmgren, 1866		4		5	4						1														1	2							1				2						
982	Annelida	Terebellidae	Johnston, 1846								1	5		2			3	2					4		1	1	2	2	2			7		2	2			2		1	1					
918	Annelida	Chaetopteridae	Audouin & Milne Edwards, 1833					1		1			1					1		3		1	2	1			1	3	1	1		3	6	1	3	7	5			2			1	1		5
903	Annelida	Paraonidae	Cerruti, 1909											1											1			3		1																
101376	Arthropoda	Corophiidae	Leach, 1814					1																																						
101409	Arthropoda	Stenothoidae	Boeck, 1871											1	2								2					1	1																	
176788	Arthropoda	Lysianassoidea	Dana, 1849																																								1			
106674	Arthropoda	Caridea	Dana, 1852											2																																
219	Mollusca	Thyasiridae	Dall, 1900 (1895)				1							2																											1					
105	Mollusca	Bivalvia	Linnaeus, 1758											3														3	1	2		2		1	1	2			2	4						1
135	Mollusca	Eulimidae	R. A. Philippi, 1853											2			5	1	6				1							2		5		1		2										1
101	Mollusca	Gastropoda	Cuvier, 1795	1				1	1					10	1	2	5					2	3				2	1		7	2					5	2			1				1		4
Other																																														
2081	Chaetognatha	Chaetognatha						1			1												1							1	2															
1080	Arthropoda	Copepoda	Milne Edwards, 1840	6	7	2	2	2	3	9	8	38	7	6	2	4	1	2	2	2	7	5	6	2		3	3	19	10	6	5	4	4	6	2	4	1	4	9	10		7		11		5
1078	Arthropoda	Ostracoda	Latreille, 1802		1			1				1	1						1										1						1	1										
125537	Chordata	Gobiidae	Cuvier, 1816																									1																		