

Supplement

List of abundances (per m²) of all the identified and putative species from each sampling station inside (107, 108 and 112) and outwith (113, 114 and 115) the SAC (ind. – indeterminate).

Phylum	Class / sub-class	Order/Family	gen/species	Sampling stations					
				107	108	112	113	114	115
Annelida	Polychaeta	Ampharetidae	<i>Sabellides</i> sp_1	0	0	32	0	16	16
			<i>Melinna</i> sp_1	0	32	0	0	0	16
			<i>Melythasides</i> sp_1	36	16	0	0	0	0
			<i>Samythella</i> sp_1	0	16	0	0	0	0
			<i>Sosane</i> sp_1	0	16	0	0	0	0
			<i>Ampharete</i> sp_1	0	0	48	0	32	0
			<i>Anobothrus</i> sp_1	0	0	0	0	16	0
			Ampharetidae _1	0	0	0	0	0	16
		Amphinomidae	<i>Paramphinome jeffreysii</i>	0	0	16	127	64	48
		Apistobranchidae	<i>Apistobranchus</i> sp_1	0	0	0	16	48	16
		Arenicolidae	<i>Arenicola</i> sp_1	18	16	0	0	0	0
		Capitellidae	<i>Notomastus</i> sp_1	36	32	48	64	64	96
			<i>Heteromastus</i> sp_1	36	32	111	48	127	32
			<i>Capitella</i> sp_1	0	16	96	96	159	32
		Cirratulidae	<i>Aphelochaeta</i> sp_1	127	64	96	255	541	271
			<i>Tharyx</i> sp_1	91	64	111	207	159	175
			<i>Caulleriella</i> sp_1	0	16	48	80	64	64
			<i>Cirratulus</i> sp_1	18	32	16	0	0	0
		Dorvilleidae	<i>Protodorvillea</i> sp_1	36	64	111	127	96	143
		Eunicidae	<i>Eunice</i> sp_1	0	0	0	16	32	0
		Flabelligeridae	<i>Brada</i> sp_1	18	0	32	0	16	0
			<i>Pherusa</i> sp_1	18	0	16	0	0	0
		Glyceridae	<i>Glycera</i> sp_1	127	80	143	366	287	318
			<i>Glycera</i> sp_2	73	32	96	16	0	0
		Hesionidae	Hesionidae sp_1	55	80	111	318	398	111
			<i>Kefersteinia cirrata</i>	0	0	0	32	0	0
		Lumbrineridae	<i>Lumbrineris</i> sp_1	36	32	16	48	0	175
		Maldanidae	<i>Rhodine</i> sp_1	18	0	0	48	16	32
			<i>Clymenura</i> sp_1	0	16	0	16	16	0
			<i>Praxillella</i> sp_1	0	0	0	0	32	0
			<i>Nicomache</i> sp_1	0	16	0	0	16	0
			<i>Euclymene</i> sp_1	18	16	16	0	0	0
			<i>Micronephthys</i> sp_1	18	48	0	80	64	64
		Onuphidae	<i>Paradiopatra</i> sp_1	18	0	0	16	0	0
		Ophelidae	<i>Ophelina</i> sp_1	0	0	16	16	0	16
		Orbinidae	<i>Orbinia</i> sp_1	0	16	0	0	0	0
		Owenidae	<i>Myriochele</i> sp_1	36	48	48	80	64	48
		Paraonidae	<i>Aricidea</i> sp_1	127	64	127	525	573	255
			<i>Cirrophorus</i> sp_1	18	0	0	32	0	0
		Pectinariidae	<i>Pectinaria</i> sp_1	0	0	16	0	0	0
		Pholoidae	<i>Pholoe</i> sp_1	18	0	64	0	0	0
		Phyllodoceidae	<i>Phyllodoce</i> sp_1	0	16	0	0	16	0
		Pisionidae	<i>Pisione</i> sp_1	0	0	0	0	0	16
		Poecilochaetidae	<i>Poecilochaetus</i> sp_1	0	0	0	0	0	16
		Polynoidae	<i>Malmgreniella</i> sp_1	0	0	64	0	0	0
			<i>Harmothoe</i> sp_1	0	32	16	0	0	48
			Polynoidae sp_1	419	271	175	478	669	462
		Sabellidae	<i>Euchone</i> sp_1	91	32	32	96	64	32
			<i>Chone</i> sp_1	18	32	32	96	64	48
		Scalibregmatidae	<i>Scalibregma</i> sp_1	36	48	0	16	32	111
Sigalionidae	Sigalionidae sp_1	0	0	0	0	0	16		
	<i>Neoleanira</i> sp_1	0	0	0	0	0	32		

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				107	108	112	113	114	115	
Annelida	Polychaeta	Spionidae	<i>Prionospio</i> sp_1	182	207	541	398	398	366	
			<i>Spiophanes</i> sp_1	109	80	127	111	64	80	
			<i>Aonides</i> sp_1	18	16	16	0	0	16	
		Spionidae	<i>Polydora</i> sp_1	0	16	64	32	32	32	
			Spionidae sp_1	0	0	0	0	0	0	
		Syllidae	<i>Exogone</i> sp_1	146	48	191	64	32	16	
			<i>Brania</i> sp_1	18	48	32	16	0	0	
		Terebellidae	<i>Amphitritides</i> _1	0	0	0	0	0	16	
			<i>Axionice</i> sp_1	0	0	0	16	16	16	
			<i>Eupolymnia</i> sp_1	0	16	0	0	16	0	
			<i>Lanassa</i> sp_1	18	64	48	32	48	64	
			<i>Lanice</i> sp_1	0	16	0	0	0	0	
			<i>Laphania</i> sp_1	0	0	16	32	0	0	
			<i>Polycirrus</i> sp_1	0	32	64	64	80	16	
			<i>Proclea</i> sp_1	0	0	0	48	16	0	
			<i>Streblosoma</i> sp_1	0	0	0	0	32	0	
			<i>Thelepus</i> sp_1	0	0	64	0	64	0	
		Terebellidae sp_1	0	0	0	48	0	0		
		Trichobranchidae	<i>Terebellides</i> sp_1	18	16	0	0	64	16	
		Polychaeta ind.	Polychaeta sp_1	0	0	0	16	48	32	
Cnidaria	Anthozoa	Edwardsiidae	Edwardsiidae sp_1	18	16	16	96	32	64	
		Cerianthidae	Cerianthidae sp_1	18	0	0	16	16	0	
Ascidiacea	-	-	Ascidiacea sp_1	0	0	48	32	80	0	
Crustacea	Decapoda	-	Decapoda remain sp_1	0	0	0	0	0	16	
	Amphipoda	Ampeliscidae	<i>Haploops</i> <i>setosa</i>	0	32	16	223	430	334	
			<i>Ampelisca</i> sp_1	18	16	16	0	48	32	
		Amphilochidae	<i>Amphilochus</i> sp_1	18	0	0	0	0	0	
		Aoridae	<i>Aoridae</i> sp_1	36	32	0	0	0	0	
			<i>Microdeutopus</i> sp_1	0	32	0	0	32	0	
		Cressidae	<i>Cressa</i> sp_1	0	0	16	0	0	16	
		Lysianassidae	<i>Tryphosites</i> sp_1	0	0	0	0	0	16	
			Lysianassidae sp_1	18	0	0	0	0	0	
		Oedicerotidae	Oedicerotidae sp_1	0	0	48	16	0	16	
			Oedicerotidae sp_2	0	0	16	64	0	0	
		Phoxocephalidae	<i>Harpinia</i> sp_1	18	32	32	32	96	96	
			<i>Harpinia</i> sp_2	36	64	32	0	0	0	
		Podoceridae	Podoceridae sp_1	0	16	16	143	32	16	
			Podoceridae sp_2	0	0	0	16	16	0	
		Stegocephalidae	Stegocephalidae sp_1	0	0	0	0	16	0	
		Synopiidae	<i>Bruzelia</i> sp_1	18	16	0	0	0	0	
		Amphipoda ind.	Amphipoda sp_1	0	0	0	0	16	0	
			Amphipoda sp_2	0	0	0	0	16	0	
			Amphipoda sp_3	0	0	0	16	0	0	
			Amphipoda sp_4	0	0	0	16	0	0	
			Amphipoda sp_5	0	16	16	16	0	0	
			Amphipoda sp_6	0	0	0	16	0	0	
			Amphipoda sp_7	0	0	32	0	0	0	
			Amphipoda sp_8	0	16	48	0	0	0	
		Isopoda	Anthuridae	<i>Cyathura</i> sp_1	0	0	0	0	0	16
				<i>Colanthura</i> sp_1	0	16	0	0	0	0
				<i>Leptanthura</i> sp_1	18	0	0	0	0	0
			Cryptoniscidae	Cryptoniscidae sp_1	18	0	0	16	0	0
			Desmosomatidae	<i>Desmosoma</i> sp_1	18	0	0	0	0	0
			Eurycopidae	<i>Disconectes latirostris</i>	0	0	0	0	16	0
				<i>Eurycope cornuta</i>	0	0	0	32	0	0
			Gnathiidae	<i>Gnathia</i> sp_1	18	32	16	0	16	0
<i>Gnathia</i> sp_2	0			32	0	0	32	0		

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				107	108	112	113	114	115	
Crustacea	Isopoda	Ilyarachnidae	<i>Ilyarachna triangular</i>	18	16	16	64	111	80	
		Ischnomesidae	<i>Ischnomesus norvegicus</i>	36	16	0	143	191	0	
		Sphaeromatoidea	<i>Bathycopea</i> sp_1	18	0	0	0	0	16	
	Tanaidacea	Agathotanaidae	Agathotanaidae sp_1	0	0	0	0	16	16	
			Agathotanaidae sp_2	55	48	64	48	0	0	
			<i>Paranarthrura</i> sp_1	18	0	16	64	48	16	
		Anarthruridae	Anarthruridae sp_1	146	111	16	111	64	32	
		Apseudidae	<i>Apseudes</i> sp_1	0	0	48	0	0	16	
		Leptognathiidae	Leptognathiidae_1	0	16	16	0	0	64	
		Typhlotanaiidae	<i>Typhlotanais</i> sp_1	0	0	0	0	32	0	
		Paratanaiidae	Paratanaiidae sp_1	0	0	0	0	64	32	
		Tanaidacea ind.	Tanaidacea sp_1	0	0	0	0	0	0	
		Ostracoda	-	Ostracoda sp_1	0	16	143	223	255	350
	-		Ostracoda sp_2	0	32	0	32	111	0	
	-		Ostracoda sp_3	0	0	0	80	16	48	
	Cumacea	Pontocyprididae	<i>Pontocypris</i> sp_1	55	48	127	16	0	32	
		Diastylidae	<i>Diastylis</i> sp_1	36	48	48	16	64	64	
			<i>Diastylis</i> sp_2	18	0	0	0	16	0	
		Lampropidae	<i>Hemilamprops</i> sp_1	0	0	0	0	16	0	
		Leuconidae	Leuconidae sp_1	0	0	16	0	0	0	
		Nannastacidae	<i>Campylaspis</i> sp_1	0	0	0	16	0	0	
		Copepoda	Harpacticoida	Harpacticoida sp_1	18	96	127	207	318	223
	Brachipoda	Rhynchonellata	Dallinidae	Dallinidae sp_1	0	0	0	0	16	0
			Kraussinidae	Kraussinidae sp_2	0	0	32	0	16	0
	Nematoda	-	-	Nematoda	965	892	1592	2468	2755	3742
	Echinodermata	Ophiuroidea	Ophiuridae	<i>Ophiocten gracilis</i>	1583	2866	1799	1736	1051	1401
<i>Ophiocten affinis</i>				73	32	16	0	0	16	
Amphilepididae			<i>Amphilepis</i> sp_1	0	16	32	0	0	0	
Echinoidea		-	Amphiuridae	<i>Amphipholis</i> sp_1	0	0	16	0	0	0
			Echinoidea sp_1	0	0	16	16	16	32	
Asteroidea		-	Echinoidea sp_2	0	0	16	16	16	16	
			Asteroidea post-larva	0	0	0	16	0	0	
Holothuroidea		-	Holothuroidea sp_1	0	64	32	48	48	48	
			Holothuroidea sp_2	55	0	0	0	48	16	
Mollusca		Bivalvia	Anomiidae	<i>Heteranomia squamula</i>	0	0	32	0	16	223
			Arcidae	<i>Batharca pectunculoides</i>	36	16	0	32	0	32
			Cuspidariidae	<i>Cuspidaria parva</i>	0	0	0	32	16	0
				<i>Cardiomya costellata</i>	0	0	16	0	0	0
	Limidae		<i>Limatula subovata</i>	0	0	16	16	0	16	
			<i>Limaria loscombi</i>	0	0	0	0	16	0	
	Mytilidae		<i>Modiolus</i> sp_1	18	48	0	0	0	0	
	Nuculanidae		<i>Ledella pustulosa</i>	0	0	0	32	0	48	
			<i>Ledella acuminata</i>	0	0	0	16	0	0	
			<i>Nucula</i> sp_1	0	0	0	0	0	32	
	Yoldiidae		<i>Yoldiella</i> sp_1	55	111	64	80	111	127	
	Pectinidae		<i>Delectopecten vitreus</i>	0	16	16	16	64	80	
			<i>Delectopecten</i> sp_2	36	16	16	16	0	0	
			<i>Pecten</i> sp_1	0	0	0	0	48	0	
			<i>Pristigloma nitens</i>	18	0	0	0	0	0	
	Sareptidae		<i>Abra prismatica</i>	0	0	0	0	16	0	
	Semelidae		<i>Abra longicallus</i>	0	16	0	16	48	0	
			<i>Mendicula pygmaea</i>	0	0	16	0	48	0	
	Thyasiridae		<i>Thyasira succisa</i>	18	0	48	0	48	32	
			<i>Axinulus</i> sp_1	0	0	0	32	32	0	
Thyasiridae_1		0	0	16	0	0	0			
Thyasiridae_2		18	32	127	80	0	32			
Gastropoda	Columbellidae	<i>Amphissa acutecostata</i>	0	0	32	0	0	0		

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				107	108	112	113	114	115
Mollusca	Gastropoda	Cimidae	<i>Cima minima</i>	0	16	0	0	0	0
		Eulimidae	<i>Eulima bilineata</i>	0	16	0	0	0	16
		-	Gastropoda sp_1	0	0	16	0	0	0
	Gastropoda	Pyramidellidae	<i>Eulimella</i> sp_1	0	0	0	0	0	16
		Naticidae	<i>Lunatia pallida</i>	0	16	0	0	0	0
		Opisthobranchia	Opisthobranchia sp_1	0	0	0	64	16	32
	Opisthobranchia sp_2		0	0	0	0	48	0	
	Scaphopoda	Dentaliidae	<i>Dentalium</i> sp_1	0	0	32	16	16	0
		Gadilidae	<i>Cadulus</i> sp_1	16	191	271	143	64	48
		Pulsellidae	<i>Pulsellum</i> sp_1	0	16	111	32	127	48
	Caudofoveata	-	Scaphopoda sp_1	0	0	0	0	32	0
		-	Caudofoveata sp_1	0	0	64	32	48	0
	Solenogastres	-	Solenogastres sp_1	146	111	159	159	223	350
		-	Solenogastres sp_2	0	16	0	0	0	0
Echiura	-	-	Echiura sp_1	18	16	16	16	48	96
Sipuncula	-	-	Sipuncula sp_1	36	16	111	0	48	32
	-	-	Sipuncula sp_2	0	16	16	111	96	16