JOINT NATURE CONSERVATION COMMITTEE

Correlation Table showing Relationships between Marine Habitat Classifications (2004 and 2006 versions) and Habitats Listed for Protection

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EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
1	A	Marine habitats	A	Marine habitats	=	-	Marine habitats	1	0								
2	A1	Littoral rock and other hard substrata	A1	Littoral rock and other hard substrata	=	LR	Littoral rock (and other hard substrata)	2	1	< Sub-types, if connected to sublittoral rock (A3, A4), equate to Annex I habitat	Reefs						
3	A1.1	High energy littoral rock	A1.1	High energy littoral rock	=	LR.HLR	High energy littoral rock	3	2	<	Reefs						
4	A1.11	Mussel and/or barnacle communities	A1.11	[Mytilus edulis] and/or barnacle communities	S	LR.HLR.MusB	Mussel and/or barnacle communities	4	3	<	Reefs						
5	A1.111	[Mytilus edulis] and barnacles on very exposed eulittoral rock	A1.111	[Mytilus edulis] and barnacles on very exposed eulittoral rock	S	LR.HLR.MusB.MytB	Mytilus edulis and barnacles on very exposed eulittoral rock	5	4	<	Reefs						
5	A1.112	[Chthamalus] spp. on exposed upper eulittoral rock	A1.112	[Chthamalus] spp. on exposed upper eulittoral rock	S	LR.HLR.MusB.Cht	Chthamalus spp. on exposed eulittoral rock	5	5	<	Reefs						
6	A1.1121	[Chthamalus montagui] and [Chthamalus stellatus] on exposed upper eulittoral rock	A1.1121	[Chthamalus montagui] and [Chthamalus stellatus] on exposed upper eulittoral rock	S	LR.HLR.MusB.Cht.Cht	Chthamalus spp. on exposed upper eulittoral rock	6	6	<	Reefs						
6	A1.1122	[Chthamalus] spp. and [Lichina pygmaea] on steep exposed upper eulittoral rock	A1.1122	[Chthamalus] spp. and [Lichina pygmaea] on steep exposed upper eulittoral rock	S	LR.HLR.MusB.Cht.Lpyg	Chthamalus spp. and *Lichina pygmaea* on steep exposed upper eulittoral rock	6	7	<	Reefs						
5	A1.113	[Semibalanus balanoides] on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.113	[Semibalanus balanoides] on exposed to moderately exposed or vertical sheltered eulittoral rock	S	LR.HLR.MusB.Sem	Semibalanus balanoides on exposed to moderately exposed or vertical sheltered eulittoral rock	5	8	<	Reefs						
6	A1.1131	[Semibalanus balanoides], [Patella vulgata] and [Littorina] spp. on exposed to moderately exposed or vertical sheltered eulittoral rock	A1.1131	[Semibalanus balanoides], [Patella vulgata] and [Littorina] spp. on exposed to moderately exposed or vertical sheltered eulittoral rock	S	LR.HLR.MusB.Sem.Sem	Semibalanus balanoides, Patella vulgata and *Littorina* spp.on exposed to moderately exposed or vertical sheltered eulittoral rock	6	9	<	Reefs						
6	A1.1132	[Semibalanus balanoides], [Fucus vesiculosus] and red seaweeds on exposed to moderately exposed eulittoral rock	A1.1132	[Semibalanus balanoides], [Fucus vesiculosus] and red seaweeds on exposed to moderately exposed eulittoral rock	S	LR.HLR.MusB.Sem.FvesR	Semibalanus balanoides, Fucus vesiculosus and red seaweeds on exposed to moderately exposed eulittoral rock	6	10	<	Reefs						
6	A1.1133	[Semibalanus balanoides] and [Littorina] spp. on exposed to moderately exposed eulittoral boulders and cobbles	A1.1133	[Semibalanus balanoides] and [Littorina] spp. on exposed to moderately exposed eulittoral boulders and cobbles	S	LR.HLR.MusB.Sem.LitX	Semibalanus balanoides and *Littorina* spp. on exposed to moderately exposed eulittoral boulders and cobbles	6	11	<	Reefs						
4	A1.12	Robust fucoid and/or red seaweed communities	A1.12	Robust fucoid and/or red seaweed communities	S	LR.HLR.FR	Robust fucoid and/or red seaweed communities	4	12	<	Reefs						
5	A1.121	[Fucus distichus] and [Fucus spiralis] f. [nana] on extremely exposed upper eulittoral rock	A1.121	[Fucus distichus] and [Fucus spiralis] f. [nana] on extremely exposed upper eulittoral rock	S	LR.HLR.FR.Fdis	Fucus distichus and Fucus spiralis f. nana on extremely exposed upper shore rock	5	13	<	Reefs						
5	A1.122	[Corallina officinalis] on exposed to moderately exposed lower eulittoral rock	A1.122	[Corallina officinalis] on exposed to moderately exposed lower eulittoral rock	S	LR.HLR.FR.Coff	Corallina officinalis on exposed to moderately exposed lower eulittoral rock	5	14	<	Reefs						
6	A1.1221	[Corallina officinalis] and [Mastocarpus stellatus] on exposed to moderately exposed lower eulittoral rock	A1.1221	[Corallina officinalis] and [Mastocarpus stellatus] on exposed to moderately exposed lower eulittoral rock	S	LR.HLR.FR.Coff.Coff	Corallina officinalis and *Mastocarpus stellatus* on exposed to moderately exposed lower eulittoral rock	6	15	<	Reefs						
6	A1.1222	[Corallina officinalis], [Himanthalia elongata] and [Patella ulyssiponensis] on very exposed lower eulittoral rock	A1.1222	[Corallina officinalis], [Himanthalia elongata] and [Patella ulyssiponensis] on very exposed lower eulittoral rock	S	LR.HLR.FR.Coff.Puly	Corallina officinalis, Himanthalia elongata and *Patella ulyssiponensis* on very exposed lower eulittoral rock	6	16	<	Reefs						
5	A1.123	[Himanthalia elongata] and red seaweeds on exposed lower eulittoral rock	A1.123	[Himanthalia elongata] and red seaweeds on exposed lower eulittoral rock	S	LR.HLR.FR.Him	Himanthalia elongata and red seaweeds on exposed to moderately exposed lower eulittoral rock	5	17	<	Reefs						
5	A1.124	[Palmaria palmata] on very exposed to moderately exposed lower eulittoral rock	A1.124	[Palmaria palmata] on very exposed to moderately exposed lower eulittoral rock	S	LR.HLR.FR.Pal	Palmaria palmata on very exposed to moderately exposed lower eulittoral rock	5	18	<	Reefs						
5	A1.125	[Mastocarpus stellatus] and [Chondrus crispus] on very exposed to moderately exposed lower eulittoral rock	A1.125	[Mastocarpus stellatus] and [Chondrus crispus] on very exposed to moderately exposed lower eulittoral rock	S	LR.HLR.FR.Mas	Mastocarpus stellatus and *Chondrus crispus* on very exposed to moderately exposed lower eulittoral rock	5	19	<	Reefs						
5	A1.126	[Osmundea pinnatifida] on moderately exposed mid eulittoral rock	A1.126	[Osmundea pinnatifida] on moderately exposed mid eulittoral rock	S	LR.HLR.FR.Osm	Osmundea pinnatifida on moderately exposed mid eulittoral rock	5	20	<	Reefs			May occur in OSPAR type	Littoral chalk communities	May occur in UKBAP type	Intertidal chalk
5	A1.127	[Ceramium] sp. and piddocks on eulittoral fossilised peat	A1.127	[Ceramium] sp. and piddocks on eulittoral fossilised peat	S	LR.HLR.FR.RPid	Ceramium sp. and piddocks on eulittoral fossilised peat	5	21	<	Reefs					<	Peat and clay exposures
4	A1.13	Mediterranean communities of upper mediolittoral rock	A1.13	Mediterranean communities of upper mediolittoral rock						<	Reefs						
5	A1.131	Association with [Bangia atropurpurea]	A1.131	Association with [Bangia atropurpurea]						<	Reefs						
5	A1.132	Association with [Porphyra leucosticta]	A1.132	Association with [Porphyra leucosticta]						<	Reefs						
5	A1.133	Association with [Nemalion helminthoides] and [Rissoella verruculosa]	A1.133	Association with [Nemalion helminthoides] and [Rissoella verruculosa]						<	Reefs						
5	A1.134	Association with [Lithophyllum papillosum] and [Polysiphonia] spp.	A1.134	Association with [Lithophyllum papillosum] and [Polysiphonia] spp.						<	Reefs						
4	A1.14	Mediterranean communities of lower mediolittoral rock very exposed to wave action	A1.14	Mediterranean communities of lower mediolittoral rock very exposed to wave action						<	Reefs						
5	A1.141	Association with [Lithophyllum lichenoides]	A1.141	Association with [Lithophyllum lichenoides] (entablature with L. tortuosum)						<	Reefs						
5	A1.142	Facies with [Pollicipes cornucopiae]	A1.142	Facies with [Pollicipes cornucopiae]						<	Reefs						

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5	A1.143	Association with [Lithophyllum byssoides]	A1.143	Association with [Lithophyllum lichenoides] (entablature with L. tortuosum)						<	Reefs						
5	A1.144	Association with [Tenarea undulosa]	A1.144	Association with [Tenarea undulosa]						<	Reefs						
4	**A1.15**	**Fucoids in tide-swept conditions**	**A1.15**	**Fucoids in tide-swept conditions**	S	**LR.HLR.FT**	**Fucoids in tide-swept conditions**	**4**	**22**	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A1.151	[Ascophyllum nodosum], sponges and ascidians on tide-swept mid eulittoral rock	A1.151	[Ascophyllum nodosum], sponges and ascidians on tide-swept mid eulittoral rock	S	LR.HLR.FT.AscT	Ascophyllum nodosum, sponges and ascidians on tide-swept mid eulittoral rock	5	23	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A1.152	[Fucus serratus], sponges and ascidians on tide-swept lower eulittoral rock	A1.152	[Fucus serratus], sponges and ascidians on tide-swept lower eulittoral rock	S	LR.HLR.FT.FserT	Fucus serratus, sponges and ascidians on tide-swept lower eulittoral rock	5	24	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A1.153	[Fucus serratus] with sponges, ascidians and red seaweeds on tide-swept lower eulittoral mixed substrata	A1.153	[Fucus serratus] with sponges, ascidians and red seaweeds on tide-swept lower eulittoral mixed substrata	S	LR.HLR.FT.FserTX	Fucus serratus with sponges, ascidians and red seaweeds on tide-swept lower eulittoral mixed substrata	5	25	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
3	**A1.2**	**Moderate energy littoral rock**	**A1.2**	**Moderate energy littoral rock**	=	**LR.MLR**	**Moderate energy littoral rock**	**3**	**26**	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
4	**A1.21**	**Barnacles and fucoids on moderately exposed shores**	**A1.21**	**Barnacles and fucoids on moderately exposed shores**	S	**LR.MLR.BF**	**Barnacles and fucoids on moderately exposed shores**	**4**	**31**	<	Reefs						
5	A1.211	[Pelvetia canaliculata] and barnacles on moderately exposed littoral fringe rock	A1.211	[Pelvetia canaliculata] and barnacles on moderately exposed littoral fringe rock	S	LR.MLR.BF.PelB	Pelvetia canaliculata and barnacles on moderately exposed littoral fringe rock	5	32	<	Reefs						
5	A1.212	[Fucus spiralis] on full salinity exposed to moderately exposed upper eulittoral rock	A1.212	[Fucus spiralis] on full salinity exposed to moderately exposed upper eulittoral rock	S	LR.MLR.BF.FspiB	Fucus spiralis on exposed to moderately exposed upper eulittoral rock	5	33	<	Reefs						
5	A1.213	[Fucus vesiculosus] and barnacle mosaics on moderately exposed mid eulittoral rock	A1.213	[Fucus vesiculosus] and barnacle mosaics on moderately exposed mid eulittoral rock	S	LR.MLR.BF.FvesB	Fucus vesiculosus and barnacle mosaics on moderately exposed mid eulittoral rock	5	34	<	Reefs						
5	A1.214	[Fucus serratus] on moderately exposed lower eulittoral rock	A1.214	[Fucus serratus] on moderately exposed lower eulittoral rock	S	LR.MLR.BF.Fser	Fucus serratus on moderately exposed lower eulittoral rock	5	35	<	Reefs						
6	A1.2141	[Fucus serratus] and red seaweeds on moderately exposed lower eulittoral rock	A1.2141	[Fucus serratus] and red seaweeds on moderately exposed lower eulittoral rock	S	LR.MLR.BF.Fser.R	Fucus serratus and red seaweeds on moderately exposed lower eulittoral rock	6	36	<	Reefs						
6	A1.2142	[Fucus serratus] and under-boulder fauna on exposed to moderately exposed lower eulittoral boulders	A1.2142	[Fucus serratus] and under-boulder fauna on exposed to moderately exposed lower eulittoral boulders	S	LR.MLR.BF.Fser.Bo	Fucus serratus and under-boulder fauna on exposed to moderately exposed lower eulittoral boulders	6	37	<	Reefs					<	Intertidal underboulder communities
6	A1.2143	[Fucus serratus] and piddocks on lower eulittoral soft rock	A1.2143	[Fucus serratus] and piddocks on lower eulittoral soft rock	S	LR.MLR.BF.Fser.Pid	Fucus serratus and piddocks on lower eulittoral soft rock	6	38	<	Reefs			May occur in OSPAR type	Littoral chalk communities	May occur in UKBAP type	Intertidal chalk
5	A1.215	[Rhodothamniella floridula] on sand-scoured lower eulittoral rock	A1.215	[Rhodothamniella floridula] on sand-scoured lower eulittoral rock	S	LR.MLR.BF.Rho	Rhodothamniella floridula on sand-scoured lower eulittoral rock	5	39	<	Reefs						
4	**A1.22**	**Mussels and fucoids on moderately exposed shores**	**A1.22**	**[Mytilus edulis] and fucoids on moderately exposed shores**	S	**LR.MLR.MusF**	**Mussels and fucoids on moderately exposed shores**	**4**	**27**	<	Reefs						
5	A1.221	[Mytilus edulis] and [Fucus vesiculosus] on moderately exposed mid eulittoral rock	A1.221	[Mytilus edulis] and [Fucus vesiculosus] on moderately exposed mid eulittoral rock	S	LR.MLR.MusF.MytFves	Mytilus edulis and *Fucus vesiculosus* on moderately exposed mid eulittoral rock	5	28	<	Reefs						
5	A1.222	[Mytilus edulis], [Fucus serratus] and red seaweeds on moderately exposed lower eulittoral rock	A1.222	[Mytilus edulis], [Fucus serratus] and red seaweeds on moderately exposed lower eulittoral rock	S	LR.MLR.MusF.MytFR	Mytilus edulis, Fucus serratus and red seaweeds on moderately exposed lower eulittoral rock	5	29	<	Reefs						
5	A1.223	[Mytilus edulis] and piddocks on eulittoral firm clay	A1.223	[Mytilus edulis] and piddocks on eulittoral firm clay	S	LR.MLR.MusF.MytPid	Mytilus edulis and piddocks on eulittoral firm clay	5	30	<	Reefs					<	Peat and clay exposures
4	**A1.23**	**Mediterranean communities of lower mediolittoral rock moderately exposed to wave action**	**A1.23**	**Mediterranean communities of lower mediolittoral rock moderately exposed to wave action**						<	Reefs						
5	A1.231	Association with [Ceramium ciliatum] and [Corallina elongata]	A1.231	Association with [Ceramium ciliatum] and [Corallina elongata]						<	Reefs						
5	A1.232	[Neogoniolithon brassica-florida] concretion	A1.232	[Neogoniolithon brassica-florida] concretion						<	Reefs						
5	A1.233	Association with [Gelidium] spp	A1.233	Association with [Gelidium] spp						<	Reefs						
5	A1.234	Pools and lagoons sometimes associated with [Vermetus] spp. (infralittoral enclave)	A1.234	Pools and lagoons sometimes associated with [Vermetus] spp. (infralittoral enclave)						<	Reefs						
3	**A1.3**	**Low energy littoral rock**	**A1.3**	**Low energy littoral rock**	=	**LR.LLR**	**Low energy littoral rock**	**3**	**40**	<	Reefs						
4	**A1.31**	**Fucoids on sheltered marine shores**	**A1.31**	**Fucoids on sheltered marine shores**	S	**LR.LLR.F**	**Fucoids on sheltered marine shores**	**4**	**41**	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.311	[Pelvetia canaliculata] on sheltered littoral fringe rock	A1.311	[Pelvetia canaliculata] on sheltered littoral fringe rock	S	LR.LLR.F.Pel	Pelvetia canaliculata on sheltered littoral fringe rock	5	42	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.312	[Fucus spiralis] on sheltered upper eulittoral rock	A1.312	[Fucus spiralis] on sheltered upper eulittoral rock	S	LR.LLR.F.Fspi	Fucus spiralis on sheltered upper eulittoral rock	5	43	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3121	[Fucus spiralis] on full salinity sheltered upper eulittoral rock	A1.3121	[Fucus spiralis] on full salinity sheltered upper eulittoral rock	S	LR.LLR.F.Fspi.FS	Fucus spiralis on full salinity sheltered upper eulittoral rock	6	44	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3122	[Fucus spiralis] on full salinity upper eulittoral mixed substrata	A1.3122	[Fucus spiralis] on full salinity upper eulittoral mixed substrata	S	LR.LLR.F.Fspi.X	Fucus spiralis on full salinity upper eulittoral mixed substrata	6	45	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.313	[Fucus vesiculosus] on moderately exposed to sheltered mid eulittoral rock	A1.313	[Fucus vesiculosus] on moderately exposed to sheltered mid eulittoral rock	S	LR.LLR.F.Fves	Fucus vesiculosus on moderately exposed to sheltered mid eulittoral rock	5	46	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3131	[Fucus vesiculosus] on full salinity moderately exposed to sheltered mid eulittoral rock	A1.3131	[Fucus vesiculosus] on full salinity moderately exposed to sheltered mid eulittoral rock	S	LR.LLR.F.Fves.FS	Fucus vesiculosus on full salinity moderately exposed to sheltered mid eulittoral rock	6	47	<	Reefs	Typical of	Large shallow inlets and bays				

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6	A1.3132	[Fucus vesiculosus] on mid eulittoral mixed substrata	A1.3132	[Fucus vesiculosus] on mid eulittoral mixed substrata	S	LR.LLR.F.Fves.X	Fucus vesiculosus on mid eulittoral mixed substrata	6	48	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.314	[Ascophyllum nodosum] on very sheltered mid eulittoral rock	A1.314	[Ascophyllum nodosum] on very sheltered mid eulittoral rock	S	LR.LLR.F.Asc	Ascophyllum nodosum on very sheltered mid eulittoral rock	5	49	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3141	[Ascophyllum nodosum] on full salinity mid eulittoral rock	A1.3141	[Ascophyllum nodosum] on full salinity mid eulittoral rock	S	LR.LLR.F.Asc.FS	Ascophyllum nodosum on full salinity mid eulittoral rock	6	50	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3142	[Ascophyllum nodosum] on full salinity mid eulittoral mixed substrata	A1.3142	[Ascophyllum nodosum] on full salinity mid eulittoral mixed substrata	S	LR.LLR.F.Asc.X	Ascophyllum nodosum on full salinity mid eulittoral mixed substrata	6	51	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.315	[Fucus serratus] on sheltered lower eulittoral rock	A1.315	[Fucus serratus] on sheltered lower eulittoral rock	S	LR.LLR.F.Fserr	Fucus serratus on sheltered lower eulittoral rock	5	52	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3151	[Fucus serratus] on full salinity sheltered lower eulittoral rock	A1.3151	[Fucus serratus] on full salinity sheltered lower eulittoral rock	S	LR.LLR.F.Fserr.FS	Fucus serratus on full salinity sheltered lower eulittoral rock	6	53	<	Reefs	Typical of	Large shallow inlets and bays				
6	A1.3152	[Fucus serratus] on full salinity lower eulittoral mixed substrata	A1.3152	[Fucus serratus] on full salinity lower eulittoral mixed substrata	S	LR.LLR.F.Fserr.X	Fucus serratus on full salinity lower eulittoral mixed substrata	6	54	<	Reefs	Typical of	Large shallow inlets and bays				
5	A1.316	Association with [Fucus virsoides]	A1.316	Association with [Fucus virsoides]						<	Reefs	Typical of	Large shallow inlets and bays				
4	**A1.32**	**Fucoids in variable salinity**	**A1.32**	**Fucoids in variable salinity**	S	**LR.LLR.FVS**	**Fucoids in variable salinity**	**4**	**55**	<	Reefs	Typical of	Large shallow inlets and bays			<	Estuarine rocky habitats
5	A1.321	[Pelvetia canaliculata] on sheltered variable salinity littoral fringe rock	A1.321	[Pelvetia canaliculata] on sheltered variable salinity littoral fringe rock	S	LR.LLR.FVS.PelVS	Pelvetia canaliculata on sheltered variable salinity littoral fringe rock	5	56	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
5	A1.322	[Fucus spiralis] on sheltered variable salinity upper eulittoral rock	A1.322	[Fucus spiralis] on sheltered variable salinity upper eulittoral rock	S	LR.LLR.FVS.FspiVS	Fucus spiralis on sheltered variable salinity upper eulittoral rock	5	57	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
5	A1.323	[Fucus vesiculosus] on variable salinity mid eulittoral boulders and stable mixed substrata	A1.323	[Fucus vesiculosus] on variable salinity mid eulittoral boulders and stable mixed substrata	S	LR.LLR.FVS.FvesVS	Fucus vesiculosus on variable salinity mid eulittoral boulders and stable mixed substrata	5	58	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
5	A1.324	[Ascophyllum nodosum] and [Fucus vesiculosus] on variable salinity mid eulittoral rock	A1.324	[Ascophyllum nodosum] and [Fucus vesiculosus] on variable salinity mid eulittoral rock	S	LR.LLR.FVS.AscVS	Ascophyllum nodosum and *Fucus vesiculosus* on variable salinity mid eulittoral rock	5	59	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
5	A1.325	[Ascophyllum nodosum] ecad. [mackaii] beds on extremely sheltered mid eulittoral mixed substrata	A1.325	[Ascophyllum nodosum] ecad. [mackaii] beds on extremely sheltered mid eulittoral mixed substrata	S	LR.LLR.FVS.Ascmac	Ascophyllum nodosum ecad *mackaii* beds on extremely sheltered mid eulittoral mixed substrata	5	60	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
5	A1.326	[Fucus serratus] and large [Mytilus edulis] on variable salinity lower eulittoral rock	A1.326	[Fucus serratus] and large [Mytilus edulis] on variable salinity lower eulittoral rock	S	LR.LLR.FVS.FserVS	Fucus serratus and large *Mytilus edulis* on variable salinity lower eulittoral rock	5	61	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			<	Estuarine rocky habitats
5	A1.327	[Fucus ceranoides] on reduced salinity eulittoral rock	A1.327	[Fucus ceranoides] on reduced salinity eulittoral rock	S	LR.LLR.FVS.Fcer	Fucus ceranoides on reduced salinity eulittoral rock	5	62	<	Reefs	Typical of	Estuaries			<	Estuarine rocky habitats
4	**A1.33**	**Red algal turf in lower eulittoral, sheltered from wave action**	**A1.33**	**Red algal turf in lower eulittoral, sheltered from wave action**						<	Reefs	Typical of [sealochs]	Estuaries/Large shalllow inlets and bays				
4	**A1.34**	**Mediterranean communities of lower mediolittoral rock sheltered from wave action**	**A1.34**	**Mediterranean communities of lower mediolittoral rock sheltered from wave action**						<	Reefs						
5	A1.341	Association with [Enteromorpha compressa]	A1.341	Association with [Enteromorpha compressa]						<	Reefs						
3	**A1.4**	**Features of littoral rock**	**A1.4**	**Features of littoral rock**	=	**LR.FLR**	**Features of littoral rock**	**3**	**63**	<	Reefs						
4	**A1.41**	**Communities of littoral rockpools**	**A1.41**	**Communities of littoral rockpools**	<	**LR.FLR.Rkp**	**Rockpools**	**4**	**72**	<	Reefs						
5	A1.411	Coralline crust-dominated shallow eulittoral rockpools	A1.411	Coralline crust-dominated shallow eulittoral rockpools	S	LR.FLR.Rkp.Cor	Coralline crust-dominated shallow eulittoral rockpools	5	74	<	Reefs						
6	A1.4111	Coralline crusts and [Corallina officinalis] in shallow eulittoral rockpools	A1.4111	Coralline crusts and [Corallina officinalis] in shallow eulittoral rockpools	S	LR.FLR.Rkp.Cor.Cor	Coralline crusts and *Corallina officinalis* in shallow eulittoral rockpools	6	75	<	Reefs						
6	A1.4112	Coralline crusts and [Paracentrotus lividus] in shallow eulittoral rockpools	A1.4112	Coralline crusts and [Paracentrotus lividus] in shallow eulittoral rockpools	S	LR.FLR.Rkp.Cor.Par	Coralline crusts and *Paracentrotus lividus* in shallow eulittoral rockpools	6	76	<	Reefs						
6	A1.4113	[Bifurcaria bifurcata] in shallow eulittoral rockpools	A1.4113	[Bifurcaria bifurcata] in shallow eulittoral rockpools	S	LR.FLR.Rkp.Cor.Bif	Bifurcaria bifurcata in shallow eulittoral rockpools	6	77	<	Reefs						
6	A1.4114	[Cystoseira] spp. in eulittoral rockpools	A1.4114	[Cystoseira] spp. in eulittoral rockpools	S	LR.FLR.Rkp.Cor.Cys	Cystoseira spp. in eulittoral rockpools	6	78	<	Reefs						
5	A1.412	Fucoids and kelp in deep eulittoral rockpools	A1.412	Fucoids and kelp in deep eulittoral rockpools	S	LR.FLR.Rkp.FK	Fucoids and kelp in deep eulittoral rockpools	5	79	<	Reefs						
6	A1.4121	[Sargassum muticum] in eulittoral rockpools	A1.4121	[Sargassum muticum] in eulittoral rockpools	S	LR.FLR.Rkp.FK.Sar	Sargassum muticum in eulittoral rockpools	6	80	<	Reefs						
5	A1.413	Seaweeds in sediment-floored eulittoral rockpools	A1.413	Seaweeds in sediment-floored eulittoral rockpools	S	LR.FLR.Rkp.SwSed	Seaweeds in sediment-floored eulittoral rockpools	5	81	<	Reefs						
5	A1.414	Hydroids, ephemeral seaweeds and [Littorina littorea] in shallow eulittoral mixed substrata pools	A1.414	Hydroids, ephemeral seaweeds and [Littorina littorea] in shallow eulittoral mixed substrata pools	S	LR.FLR.Rkp.H	Hydroids, ephemeral seaweeds and *Littorina littorea* in shallow eulittoral mixed substrata pools	5	82	<	Reefs						
4	**A1.42**	**Communities of rockpools in the supralittoral zone**	**A1.42**	**Communities of rockpools in the supralittoral zone**	<	**LR.FLR.Rkp**	**Rockpools**	**4**	**72**	<	Reefs						
5	A1.421	Green seaweeds ([Enteromorpha] spp. and [Cladophora] spp.) in shallow upper shore rockpools	A1.421	Green seaweeds ([Enteromorpha] spp. and [Cladophora] spp.) in shallow upper shore rockpools	S	LR.FLR.Rkp.G	Green seaweeds (*Enteromorpha* spp. and *Cladophora* spp.) in shallow upper shore rockpools	5	73	<	Reefs						
4	**A1.43**	**Brackish permanent pools in the geolittoral zone**	**A1.43**	**Brackish permanent pools in the geolittoral zone**						<	Reefs						
5	A1.431	Eutrophic brackish permanent pools in the geolittoral zone	A1.431	Eutrophic brackish permanent pools in the geolittoral zone						<	Reefs						
5	A1.432	Mesotrophic brackish permanent pools in the geolittoral zone	A1.432	Mesotrophic brackish permanent pools in the geolittoral zone						<	Reefs						
5	A1.433	Oligotrophic brackish permanent pools in the geolittoral zone	A1.433	Oligotrophic brackish permanent pools in the geolittoral zone						<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
4	**A1.44**	**Communities of littoral caves and overhangs**	**A1.44**	**Communities of littoral caves and overhangs**	S	**LR.FLR.CvOv**	**Littoral caves and overhangs**	**4**	**83**	< Sub-types, if occurring outside caves, correspond to Reef habitat	Submerged or partially submerged sea caves						
5	A1.441	Chrysophyceae and Haptophyceae on vertical upper littoral fringe soft rock	A1.441	Chrysophyceae and Haptophyceae on vertical upper littoral fringe soft rock	S	LR.FLR.CvOv.ChrHap	Chrysophyceae and Haptophyceae on vertical upper littoral fringe soft rock	5	84	<	Submerged or partially submerged sea caves			May occur in OSPAR type	Littoral chalk communities	May occur in UKBAP type	Intertidal chalk
5	A1.442	Green algal films on upper and mid-shore cave walls and ceilings	A1.442	Green algal films on upper and mid-shore cave walls and ceilings	S	LR.FLR.CvOv.GCv	Green algal films on upper and mid-shore cave walls and ceilings	5	85	<	Submerged or partially submerged sea caves						
5	A1.443	[Audouinella purpurea] and [Pilinia maritima] crusts on upper and mid-shore cave walls and ceilings	A1.443	[Audouinella purpurea] and [Pilinia maritima] crusts on upper and mid-shore cave walls and ceilings	S	LR.FLR.CvOv.AudPil	Audouinella purpurea and *Pilinia maritima* crusts on upper and mid-shore cave walls and ceilings	5	86	<	Submerged or partially submerged sea caves						
5	A1.444	[Audouinella purpurea] and [Cladophora rupestris] on upper to mid-shore cave walls	A1.444	[Audouinella purpurea] and [Cladophora rupestris] on upper to mid-shore cave walls	S	LR.FLR.CvOv.AudCla	Audouinella purpurea and *Cladophora rupestris* on upper to mid-shore cave walls	5	87	<	Submerged or partially submerged sea caves						
5	A1.445	[Verrucaria mucosa] and/or [Hildenbrandia rubra] on upper to mid shore cave walls	A1.445	[Verrucaria mucosa] and/or [Hildenbrandia rubra] on upper to mid shore cave walls	S	LR.FLR.CvOv.VmucHil	Verrucaria mucosa and/or *Hildenbrandia rubra* on upper to mid shore cave walls	5	88	<	Submerged or partially submerged sea caves						
5	A1.446	Sponges and shade-tolerant red seaweeds on overhanging lower eulittoral bedrock and in cave entrances	A1.446	Sponges and shade-tolerant red seaweeds on overhanging lower eulittoral bedrock and in cave entrances	S	LR.FLR.CvOv.SpR	Sponges and shade-tolerant red seaweeds on overhanging lower eulittoral bedrock and in cave entrances	5	89	<	Submerged or partially submerged sea caves						
6	A1.4461	Sponges, shade-tolerant red seaweeds and [Dendrodoa grossularia] on wave-surged overhanging lower eulittoral bedrock and caves	A1.4461	Sponges, shade-tolerant red seaweeds and [Dendrodoa grossularia] on wave-surged overhanging lower eulittoral bedrock and caves	S	LR.FLR.CvOv.SpR.Den	Sponges, shade-tolerant red seaweeds and *Dendrodoa grossularia* on wave-surged overhanging lower eulittoral bedrock and caves	6	90	<	Submerged or partially submerged sea caves						
5	A1.447	Sponges, bryozoans and ascidians on deeply overhanging lower shore bedrock or caves	A1.447	Sponges, bryozoans and ascidians on deeply overhanging lower shore bedrock or caves	S	LR.FLR.CvOv.SpByAs	Sponges, bryozoans and ascidians on deeply overhanging lower shore bedrock or caves	5	91	<	Submerged or partially submerged sea caves						
5	A1.448	Faunal crusts on wave-surged littoral cave walls	A1.448	Faunal crusts on wave-surged littoral cave walls	S	LR.FLR.CvOv.FaCr	Faunal crusts on wave-surged littoral cave walls	5	92	<	Submerged or partially submerged sea caves						
5	A1.449	Sparse fauna (barnacles and spirorbids) on sand/pebble-scoured rock in littoral caves	A1.449	Sparse fauna (barnacles and spirorbids) on sand/pebble-scoured rock in littoral caves	S	LR.FLR.CvOv.ScrFa	Sparse fauna (barnacles and spirorbids) on sand/pebble-scoured rock in littoral caves	5	93	<	Submerged or partially submerged sea caves						
5	A1.44A	Barren and/or boulder-scoured littoral cave walls and floors	A1.44A	Barren and/or boulder-scoured littoral cave walls and floors	S	LR.FLR.CvOv.BarCv	Barren and/or boulder-scoured littoral cave walls and floors	5	94	<	Submerged or partially submerged sea caves						
5	A1.44B	Association with [Phymatolithon lenormandii] and [Hildenbrandia rubra]	A1.44B	Association with [Phymatolithon lenormandii] and [Hildenbrandia rubra]						<	Submerged or partially submerged sea caves						
4	**A1.45**	**Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata**	**A1.45**	**Ephemeral green or red seaweeds (freshwater or sand-influenced) on non-mobile substrata**	<	**LR.FLR.Eph**	**Ephemeral green or red seaweed communities (freshwater or sand-influenced)**	**4**	**95**	<	Reefs						
5	A1.451	[Enteromorpha] spp. on freshwater-influenced and/or unstable upper eulittoral rock	A1.451	[Enteromorpha] spp. on freshwater-influenced and/or unstable upper eulittoral rock	S	LR.FLR.Eph.Ent	Enteromorpha spp. on freshwater-influenced and/or unstable upper eulittoral rock	5	96	<	Reefs						
5	A1.452	[Porphyra purpurea] or [Enteromorpha] spp. on sand-scoured mid or lower eulittoral rock	A1.452	[Porphyra purpurea] or [Enteromorpha] spp. on sand-scoured mid or lower eulittoral rock	S	LR.FLR.Eph.EntPor	Porphyra purpurea and *Enteromorpha* spp. on sand-scoured mid or lower eulittoral rock	5	97	<	Reefs						
4	**A1.46**	**Hydrolittoral soft rock**	**A1.46**	**Hydrolittoral soft rock**						<	Reefs						
5	A1.461	Hydrolittoral soft rock: level bottoms with little or no macrophyte vegetation	A1.461	Hydrolittoral soft rock: level bottoms with little or no macrophyte vegetation						<	Reefs						
5	A1.462	Hydrolittoral soft rock: level bottoms dominated by macrophyte vegetation	A1.462	Hydrolittoral soft rock: level bottoms dominated by macrophyte vegetation						<	Reefs						
5	A1.463	Hydrolittoral soft rock: reefs	A1.463	Hydrolittoral soft rock: reefs						<	Reefs						
4	**A1.47**	**Hydrolittoral solid rock (bedrock)**	**A1.47**	**Hydrolittoral solid rock (bedrock)**						<	Reefs						
5	A1.471	Hydrolittoral solid rock (bedrock): level bottoms with little or no macrophyte vegetation	A1.471	Hydrolittoral solid rock (bedrock): level bottoms with little or no macrophyte vegetation						<	Reefs						
5	A1.472	Hydrolittoral solid rock (bedrock): level bottoms dominated by macrophyte vegetation	A1.472	Hydrolittoral solid rock (bedrock): level bottoms dominated by macrophyte vegetation						<	Reefs						
5	A1.473	Hydrolittoral solid rock (bedrock): reefs	A1.473	Hydrolittoral solid rock (bedrock): reefs						<	Reefs						
4	**A1.48**	**Hydrolittoral hard clay**	**A1.48**	**Hydrolittoral hard clay**						<	Reefs						
5	A1.481	Hydrolittoral hard clay: level bottoms with little or no macrophyte vegetation	A1.481	Hydrolittoral hard clay: level bottoms with little or no macrophyte vegetation						<	Reefs						
4	**A1.49**	**Hydrolittoral mussel beds**	**A1.49**	**Hydrolittoral mussel beds**						<	Reefs						
5	A1.491	Hydrolittoral mussel beds: with little or no macrophyte vegetation	A1.491	Hydrolittoral mussel beds: with little or no macrophyte vegetation						<	Reefs						
5	A1.492	Hydrolittoral mussel beds: dominated by macrophyte vegetation	A1.492	Hydrolittoral mussel beds: dominated by macrophyte vegetation						<	Reefs						
4	**A1.4A**	**Hydrolittoral peat**	**A1.4A**	**Hydrolittoral peat**						<	Reefs						
2	**A2**	**Littoral sediment**	**A2**	**Littoral sediment**	=	**LS**	**Littoral sediment**	**2**	**100**								
3	**A2.1**	**Littoral coarse sediment**	**A2.1**	**Littoral coarse sediment**	=	**LS.LCS**	**Littoral coarse sediment**	**3**	**101**								

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
4	**A2.11**	**Shingle (pebble) and gravel shores**	**A2.11**	**Shingle (pebble) and gravel shores**	S	**LS.LCS.Sh**	**Shingle (pebble) and gravel shores**	**4**	**102**								
5	A2.111	Barren littoral shingle	A2.111	Barren littoral shingle	S	LS.LCS.Sh.BarSh	Barren littoral shingle	5	103								
5	A2.112	[Pectenogammarus planicrurus] in mid shore well-sorted gravel or coarse sand	A2.112	[Pectenogammarus planicrurus] in mid shore well-sorted gravel or coarse sand	S	LS.LCS.Sh.Pec	Pectenogammarus planicrurus in mid shore well-sorted gravel or coarse sand	5	104								
4	**A2.12**	**Estuarine coarse sediment shores**	**A2.12**	**Estuarine coarse sediment shores**													
4	**A2.13**	**Mediterranean communities of mediolittoral coarse detritic bottoms**	**A2.13**	**Mediterranean communities of mediolittoral coarse detritic bottoms**								Typical of	Estuaries				
5	A2.131	Facies of banks of dead leaves of [Posidonia oceanica] and other phanerogams	A2.131	Facies of banks of dead leaves of [Posidonia oceanica] and other phanerogams													
3	**A2.2**	**Littoral sand and muddy sand**	**A2.2**	**Littoral sand and muddy sand**	=	**LS.LSa**	**Littoral sand**	**3**	**105**	<	Mudflats and sandflats not covered by seawater at low tide						
4	**A2.21**	**Strandline**	**A2.21**	**Strandline**	S	**LS.LSa.St**	**Strandline**	**4**	**106**								
5	A2.211	Talitrids on the upper shore and strandline	A2.211	Talitrids on the upper shore and strandline	S	LS.LSa.St.Tal	Talitrids on the upper shore and strand-line	5	107								
5	A2.212	[Mytilus edulis] and [Fabricia sabella] in littoral mixed sediment	A2.212	[Mytilus edulis] and [Fabricia sabella] in littoral mixed sediment	S	LS.LSa.St.MytFab	*Mytilus edulis* and *Fabricia sabella* in littoral mixed sediment	5	108							?<	Blue mussel beds
4	**A2.22**	**Barren or amphipod-dominated mobile sand shores**	**A2.22**	**Barren or amphipod-dominated mobile sand shores**	S	**LS.LSa.MoSa**	**Barren or amphipod-dominated mobile sand shores**	**4**	**109**	<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.221	Barren littoral coarse sand	A2.221	Barren littoral coarse sand	S	LS.LSa.MoSa.BarSa	Barren littoral coarse sand	5	110	<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.222	Oligochaetes in littoral mobile sand	A2.222	Oligochaetes in littoral mobile sand	S	LS.LSa.MoSa.Ol	Oligochaetes in littoral mobile sand	5	111	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2221	Oligochaetes in full salinity littoral mobile sand	A2.2221	Oligochaetes in full salinity littoral mobile sand	S	LS.LSa.MoSa.Ol.FS	Oligochaetes in full salinity littoral mobile sand	6	112	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2222	Oligochaetes in variable salinity littoral mobile sand	A2.2222	Oligochaetes in variable salinity littoral mobile sand	S	LS.LSa.MoSa.Ol.VS	Oligochaetes in variable salinity littoral mobile sand	6	113	<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.223	Amphipods and [Scolelepis] spp. in littoral medium-fine sand	A2.223	Amphipods and [Scolelepis] spp. in littoral medium-fine sand	S	LS.LSa.MoSa.AmSco	Amphipods and Scolelepis spp. in littoral medium-fine sand	5	114	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries				
6	A2.2231	[Scolelepis] spp. in littoral mobile sand	A2.2231	[Scolelepis] spp. in littoral mobile sand	S	LS.LSa.MoSa.AmSco.Sco	Scolelepis spp. in littoral mobile sand	6	115	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2232	[Eurydice pulchra] in littoral mobile sand	A2.2232	[Eurydice pulchra] in littoral mobile sand	S	LS.LSa.MoSa.AmSco.Eur	Eurydice pulchra in littoral mobile sand	6	116	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2233	[Pontocrates arenarius] in littoral mobile sand	A2.2233	[Pontocrates arenarius] in littoral mobile sand	S	LS.LSa.MoSa.AmSco.Pon	Pontocrates arenarius in littoral mobile sand	6	117	<	Mudflats and sandflats not covered by seawater at low tide						
4	**A2.23**	**Polychaete/amphipod-dominated fine sand shores**	**A2.23**	**Polychaete/amphipod-dominated fine sand shores**	S	**LS.LSa.FiSa**	**Polychaete / amphipod dominated fine sand shores**	**4**	**118**	<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.231	Polychaetes in littoral fine sand	A2.231	Polychaetes in littoral fine sand	S	LS.LSa.FiSa.Po	Polychaetes in littoral fine sand	5	119	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2311	Polychaetes, including [Paraonis fulgens], in littoral fine sand	A2.2311	Polychaetes, including [Paraonis fulgens], in littoral fine sand	S	LS.LSa.FiSa.Po.Pful	Polychaetes, including *Paraonis fulgens* , in littoral fine sand	6	120	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2312	Polychaetes and [Angulus tenuis] in littoral fine sand	A2.2312	Polychaetes and [Angulus tenuis] in littoral fine sand	S	LS.LSa.FiSa.Po.Aten	Polychaetes and *Angulus tenuis* in littoral fine sand	6	121	<	Mudflats and sandflats not covered by seawater at low tide						
6	A2.2313	[Nephtys cirrosa]-dominated littoral fine sand	A2.2313	[Nephtys cirrosa]-dominated littoral fine sand	S	LS.LSa.FiSa.Po.Ncir	Nephtys cirrosa dominated littoral fine sand	6	122	<	Mudflats and sandflats not covered by seawater at low tide						
4	**A2.24**	**Polychaete/bivalve-dominated muddy sand shores**	**A2.24**	**Polychaete/bivalve-dominated muddy sand shores**	S	**LS.LSa.MuSa**	**Polychaete / bivalve dominated muddy sand shores**	**4**	**123**	<	Mudflats and sandflats not covered by seawater at low tide					<	Intertidal mudflats
5	A2.241	[Macoma balthica] and [Arenicola marina] in muddy sand shores	A2.241	[Macoma balthica] and [Arenicola marina] in muddy sand shores	S	LS.LSa.MuSa.MacAre	Macoma balthica and *Arenicola marina* in littoral muddy sand	5	124	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays			<	Intertidal mudflats

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5	A2.242	[Cerastoderma edule] and polychaetes in littoral muddy sand	A2.242	[Cerastoderma edule] and polychaetes in littoral muddy sand	S	LS.LSa.MuSa.CerPo	Cerastoderma edule and polychaetes in littoral muddy sand	5	125	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays			<	Intertidal mudflats
5	A2.243	[Hediste diversicolor], [Macoma balthica] and [Eteone longa] in littoral muddy sand	A2.243	[Hediste diversicolor], [Macoma balthica] and [Eteone longa] in littoral muddy sand	S	LS.LSa.MuSa.HedMacEte	Hediste diversicolor, *Macoma balthica* and *Eteone longa* in littoral muddy sand	5	126	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays			<	Intertidal mudflats
5	A2.244	[Bathyporeia pilosa] and [Corophium arenarium] in littoral muddy sand	A2.244	[Bathyporeia pilosa] and [Corophium arenarium] in littoral muddy sand	S	LS.LSa.MuSa.BatCare	Bathyporeia pilosa and *Corophium arenarium* in littoral muddy sand	5	127	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays			<	Intertidal mudflats
5	A2.245	[Lanice conchilega] in littoral sand	A2.245	[Lanice conchilega] in littoral sand	S	LS.LSa.MuSa.Lan	Lanice conchilega in littoral sand	5	128	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays			<	Intertidal mudflats
4	**A2.25**	**Mediterranean communities of mediolittoral sands**	**A2.25**	**Mediterranean communities of mediolittoral sands**						<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.251	Facies with [Ophelia bicornis]	A2.251	Facies with [Ophelia bicornis]						<	Mudflats and sandflats not covered by seawater at low tide						
3	**A2.3**	**Littoral mud**	**A2.3**	**Littoral mud**	=	**LS.LMu**	**Littoral mud**	**3**	**129**	<	Mudflats and sandflats not covered by seawater at low tide			=	Intertidal mudflats	<	Intertidal mudflats
4	**A2.31**	**Polychaete/bivalve-dominated mid estuarine mud shores**	**A2.31**	**Polychaete/bivalve-dominated mid estuarine mud shores**	S	**LS.LMu.MEst**	**Polychaete / bivalve dominated mid estuarine mud shores**	**4**	**130**	<	Mudflats and sandflats not covered by seawater at low tide			<	Intertidal mudflats	<	Intertidal mudflats
5	A2.311	[Nephtys hombergii], [Macoma balthica] and [Streblospio shrubsolii] in littoral sandy mud	A2.311	[Nephtys hombergii], [Macoma balthica] and [Streblospio shrubsolii] in littoral sandy mud	S	LS.LMu.MEst.NhomMacStr	Nephtys hombergii, Macoma balthica and *Streblospio shrubsolii* in littoral sandy mud	5	131	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.312	[Hediste diversicolor] and [Macoma balthica] in littoral sandy mud	A2.312	[Hediste diversicolor] and [Macoma balthica] in littoral sandy mud	S	LS.LMu.MEst.HedMac	Hediste diversicolor and *Macoma balthica* in littoral sandy mud	5	132	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.313	[Hediste diversicolor], [Macoma balthica] and [Scrobicularia plana] in littoral sandy mud	A2.313	[Hediste diversicolor], [Macoma balthica] and [Scrobicularia plana] in littoral sandy mud	S	LS.LMu.MEst.HedMacScr	Hediste diversicolor, Macoma balthica and *Scrobicularia plana* in littoral sandy mud shores	5	133	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
4	**A2.32**	**Polychaete/oligochaete-dominated upper estuarine mud shores**	**A2.32**	**Polychaete/oligochaete-dominated upper estuarine mud shores**	S	**LS.LMu.UEst**	**Polychaete / oligochaete dominated upper estuarine mud shores**	**4**	**134**	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.321	[Nephtys hombergii] and [Streblospio shrubsolii] in littoral mud	A2.321	[Nephtys hombergii] and [Streblospio shrubsolii] in littoral mud	S	LS.LMu.UEst.NhomStr	Nephtys hombergii and *Streblospio shrubsolii* in littoral mud	5	135	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.322	[Hediste diversicolor] in littoral mud	A2.322	[Hediste diversicolor] in littoral mud	S	LS.LMu.UEst.Hed	Hediste diversicolor in littoral mud	5	136	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
6	A2.3221	[Hediste diversicolor] and [Streblospio shrubsolii] in littoral sandy mud	A2.3221	[Hediste diversicolor] and [Streblospio shrubsolii] in littoral sandy mud	S	LS.LMu.UEst.Hed.Str	Hediste diversicolor and *Streblospio shrubsolii* in littoral sandy mud	6	137	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
6	A2.3222	[Hediste diversicolor] and [Corophium volutator] in littoral mud	A2.3222	[Hediste diversicolor] and [Corophium volutator] in littoral mud	S	LS.LMu.UEst.Hed.Cvol	Hediste diversicolor and *Corophium volutator* in littoral mud	6	138	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
6	A2.3223	[Hediste diversicolor] and oligochaetes in littoral mud	A2.3223	[Hediste diversicolor] and oligochaetes in littoral mud	S	LS.LMu.UEst.Hed.Ol	Hediste diversicolor and oligochaetes in littoral mud	6	139	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.323	[Tubificoides benedii] and other oligochaetes in littoral mud	A2.323	[Tubificoides benedii] and other oligochaetes in littoral mud	S	LS.LMu.UEst.Tben	Tubificoides benedii and other oligochaetes in littoral mud	5	140	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.324	Saltmarsh pools	A2.324	Saltmarsh pools						<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
5	A2.325	Saltmarsh creeks	A2.325	Saltmarsh creeks						<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
6	A2.3251	Erosion faces with [Carcinus maenas]	A2.3251	Erosion faces with [Carcinus maenas]						<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
4	**A2.33**	**Marine mud shores**	**A2.33**	**Marine mud shores**						<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries	<	Intertidal mudflats	<	Intertidal mudflats
4	**#N/A**	**Now included within A2.3222**	**A2.34**	**[Corophium] spp. in soft mud shores**						<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays	<	Intertidal mudflats	<	Intertidal mudflats

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**A2.4**	**Littoral mixed sediments**	**A2.4**	**Littoral mixed sediments**	=	**LS.LMx**	**Littoral mixed sediment**	**3**	**141**								
4	**A2.41**	**[Hediste diversicolor] dominated gravelly sandy mud shores**	**A2.41**	**[Hediste diversicolor] dominated gravelly sandy mud shores**	S	**LS.LMx.GvMu**	**Hediste diversicolor dominated gravelly sandy mud shores**	**4**	**142**							May occur in UKBAP type	Sheltered muddy gravels
5	A2.411	[Hediste diversicolor] in littoral gravelly muddy sand and gravelly sandy mud	A2.411	[Hediste diversicolor] in littoral gravelly muddy sand and gravelly sandy mud	S	LS.LMx.GvMu.HedMx	Hediste diversicolor in littoral gravelly muddy sand and gravelly sandy mud	5	143			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
6	A2.4111	[Hediste diversicolor] and [Macoma balthica] in littoral gravelly mud	A2.4111	[Hediste diversicolor] and [Macoma balthica] in littoral gravelly mud	S	LS.LMx.GvMu.HedMx.Mac	Hediste diversicolor and *Macoma balthica* in littoral gravelly mud	6	144			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
6	A2.4112	[Hediste diversicolor] and [Scrobicularia plana] in littoral gravelly mud	A2.4112	[Hediste diversicolor] and [Scrobicularia plana] in littoral gravelly mud	S	LS.LMx.GvMu.HedMx.Scr	Hediste diversicolor and *Scrobicularia plana* in littoral gravelly mud	6	145			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
6	A2.4113	[Hediste diversicolor] and [Streblospio shrubsolii] in littoral gravelly sandy mud	A2.4113	[Hediste diversicolor] and [Streblospio shrubsolii] in littoral gravelly sandy mud	S	LS.LMx.GvMu.HedMx.Str	Hediste diversicolor and *Streblospio shrubsolii* in littoral gravelly sandy mud	6	146			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
6	A2.4114	[Hediste diversicolor], cirratulids and [Tubificoides] spp. in littoral gravelly sandy mud	A2.4114	[Hediste diversicolor], cirratulids and [Tubificoides] spp. in littoral gravelly sandy mud	S	LS.LMx.GvMu.HedMx.Cir	Hediste diversicolor, Cirratulids and *Tubificoides* spp. in littoral gravelly sandy mud	6	147			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
6	A2.4115	[Hediste diversicolor] and [Corophium volutator] in littoral gravelly sandy mud	A2.4115	[Hediste diversicolor] and [Corophium volutator] in littoral gravelly sandy mud	S	LS.LMx.GvMu.HedMx.Cvol	Hediste diversicolor and *Corophium volutator* in littoral gravelly sandy mud	6	148			Typical of	Estuaries			May occur in UKBAP type	Sheltered muddy gravels
4	**A2.42**	**Species-rich mixed sediment shores**	**A2.42**	**Species-rich mixed sediment shores**	S	**LS.LMx.Mx**	**Species-rich mixed sediment shores**	**4**	**149**			Typical of	Estuaries			<	Sheltered muddy gravels
5	A2.421	Cirratulids and [Cerastoderma edule] in littoral mixed sediment	A2.421	Cirratulids and [Cerastoderma edule] in littoral mixed sediment	S	LS.LMx.Mx.CirCer	Cirratulids and *Cerastoderma edule* in littoral mixed sediment	5	150			Typical of	Large shallow inlets and bays			<	Sheltered muddy gravels
5	#N/A	Now included within A2.421	A2.422	Syllid and cirratulid polychaetes in poorly sorted mixed sediment shores								Typical of [rias]	Large shallow inlets and bays				
5	#N/A	Now included within A2.421	A2.423	Syllid and cirratulid polychaetes in variable salinity muddy gravel shores													
4	**A2.43**	**Species-poor mixed sediment shores**	**A2.43**	**Species-poor mixed sediment shores**	#	**LR.FLR.Eph**	**Ephemeral green or red seaweed communities (freshwater or sand-influenced)**	**4**	**95**								
5	A2.431	Barnacles and [Littorina] spp. on unstable eulittoral mixed substrata	A2.431	Barnacles and [Littorina] spp. on unstable eulittoral mixed substrata	S	LR.FLR.Eph.BLitX	Barnacles and *Littorina* spp. on unstable eulittoral mixed substrata	5	99								
3	**A2.5**	**Coastal saltmarshes and saline reedbeds**	**A2.5**	**Coastal saltmarshes and saline reedbeds**	>	**LS.LMp.Sm**	**Saltmarsh**	**4**	**152**							>	Coastal saltmarsh
4	**A2.51**	**Saltmarsh driftlines**	**A2.51**	**Saltmarsh driftlines**	=	**LS.LMp.Sm_**	**Saltmarsh (drift-line)**	**4.5**	**153**			Typical of	Estuaries				
5	A2.511	Atlantic saltmarsh and drift rough grass communities	A2.511	Atlantic saltmarsh and drift rough grass communities	>	LS.LMp.Sm.SM24	Elymus pycnanthus salt-marsh community	5	154			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.511	Atlantic saltmarsh and drift rough grass communities	A2.511	Atlantic saltmarsh and drift rough grass communities	>	LS.LMp.Sm.SM28	Elymus repens salt-marsh community	5	155			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.512	Atlantic saltmarsh driftline annual communities	A2.512	Atlantic saltmarsh driftline annual communities								Typical of	Estuaries				
5	A2.513	Mediterranean saltmarsh driftlines	A2.513	Mediterranean saltmarsh driftlines						>	Mediterranean salt meadows (Juncetalia maritimi)	Typical of	Estuaries				
5	A2.514	[Elymus pycnanthus] with [Suaeda vera] or [Inula crithmoides] saltmarsh driftlines	A2.514	[Elymus pycnanthus] with [Suaeda vera] or [Inula crithmoides] saltmarsh driftlines	>	LS.LMp.Sm.SM24	Elymus pycnanthus salt-marsh community	5	154			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.515	[Elymus repens] saltmarsh driftlines	A2.515	[Elymus repens] saltmarsh driftlines	#	LS.LMp.Sm.SM28	Elymus repens salt-marsh community	5	155			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.516	[Suaeda vera] saltmarsh driftlines	A2.516	[Suaeda vera] saltmarsh driftlines	=	LS.LMp.Sm.SM25	Suaeda vera drift-line community	5	156			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.517	[Suaeda vera] - [Limonium binervosum] saltmarsh driftlines	A2.517	[Suaeda vera] - [Limonium binervosum] saltmarsh driftlines	=	LS.LMp.Sm.SM21	Suaeda vera-*Limonium binervosum* salt-marsh community	5	157			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.518	[Spergularia marina] - [Puccinellia distans] saltmarsh driftlines	A2.518	[Spergularia marina] - [Puccinellia distans] saltmarsh driftlines	=	LS.LMp.Sm.SM23	Spergularia marina-Puccinellia distans salt-marsh community	5	158			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.519	[Frankenia laevis] - [Halimione portulacoides] saltmarsh driftlines	A2.519	[Frankenia laevis] - [Halimione portulacoides] saltmarsh driftlines	=	LS.LMp.Sm.SM22	Halimione portulacoides-Frankenia laevis salt-marsh community	5	159			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.51A	[Inula crithmoides] on saltmarshes	A2.51A	[Inula crithmoides] on saltmarshes	=	LS.LMp.Sm.SM26	Inula crithmoides stands	5	160			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.51B	[Sagina maritima] ephemeral salt marsh in sand	A2.51B	[Sagina maritima] ephemeral salt marsh in sand	=	LS.LMp.Sm.SM27	Ephemeral salt-marsh vegetation with *Sagina maritima*	5	161	>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries			<	Coastal saltmarsh
4	**A2.52**	**Upper saltmarshes**	**A2.52**	**Upper saltmarshes**								Typical of	Estuaries				
5	A2.521	Atlantic and Baltic brackish saltmarsh communities	A2.521	Atlantic and Baltic brackish saltmarsh communities	>	LS.LMp.Sm.SM23	Spergularia marina-Puccinellia distans salt-marsh community	5	158	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5211	Pearlwort-saltmarsh grass swards	A2.5211	Pearlwort-saltmarsh grass swards								Typical of	Estuaries				
6	A2.5212	Baltic [Carex paleacea] swards	A2.5212	Baltic [Carex paleacea] swards													
6	A2.5213	Baltic [Carex mackenziei] swards	A2.5213	Baltic [Carex mackenziei] swards													
6	A2.5214	Baltic salt basin [Agrostis]-[Triglochin] swards	A2.5214	Baltic salt basin [Agrostis]-[Triglochin] swards													
6	A2.5215	Baltic [Deschampsia bottnica] swards	A2.5215	Baltic [Deschampsia bottnica] swards													
5	A2.522	Mediterranean [Juncus maritimus] and [Juncus acutus] saltmarshes	A2.522	Mediterranean [Juncus maritimus] and [Juncus acutus] saltmarshes						>	Mediterranean salt meadows (Juncetalia maritimi)						
5	A2.523	Mediterranean short [Juncus], [Carex], [Hordeum] and [Trifolium] saltmeadows	A2.523	Mediterranean short [Juncus], [Carex], [Hordeum] and [Trifolium] saltmeadows						>	Mediterranean salt meadows (Juncetalia maritimi)	Typical of	Estuaries				
5	A2.524	Mediterranean [Elymus] or [Artemisia] stands	A2.524	Mediterranean [Elymus] or [Artemisia] stands						>	Mediterranean salt meadows (Juncetalia maritimi)	Typical of	Estuaries				

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A2.525	Mediterranean [Juncus subulatus] beds	A2.525	Mediterranean [Juncus subulatus] beds						>	Mediterranean salt meadows (Juncetalia maritimi)	Typical of	Estuaries				
5	A2.526	Mediterranean saltmarsh scrubs	A2.526	Mediterranean saltmarsh scrubs						>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries				
6	A2.5261	Creeping glasswort mats	A2.5261	Creeping glasswort mats								Typical of	Estuaries				
6	A2.5262	Shrubby glasswort thickets	A2.5262	Shrubby glasswort thickets								Typical of	Estuaries				
6	A2.5263	Glaucous glasswort thickets	A2.5263	Glaucous glasswort thickets								Typical of	Estuaries				
6	A2.5264	Shrubby seablite thickets	A2.5264	Shrubby seablite thickets								Typical of	Estuaries				
6	A2.5265	Mediterranean sea-purslane-woody glasswort scrubs	A2.5265	Mediterranean sea-purslane-woody glasswort scrubs								Typical of	Estuaries				
6	A2.5266	Mediterranean [Halocnemum] scrub	A2.5266	Mediterranean [Halocnemum] scrub								Typical of	Estuaries				
5	A2.527	Atlantic salt scrubs	A2.527	Atlantic salt scrubs	>	LS.LMp.Sm.SM25	Suaeda vera drift-line community	5	156	>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.527	Atlantic salt scrubs	A2.527	Atlantic salt scrubs	>	LS.LMp.Sm.SM14	Halimione portulacoides salt-marsh community	5	171	>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.527	Atlantic salt scrubs	A2.527	Atlantic salt scrubs	>	LS.LMp.Sm.SM7	Arthrocnemum perenne stands	5	178	>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5271	Silver scrubs	A2.5271	Silver scrubs								Typical of	Estuaries				
6	A2.5272	Atlantic creeping glasswort mats	A2.5272	Atlantic creeping glasswort mats								Typical of	Estuaries				
6	A2.5273	Atlantic shrubby seablite scrubs	A2.5273	Atlantic shrubby seablite scrubs								Typical of	Estuaries				
6	A2.5274	Atlantic shrubby glasswort scrubs	A2.5274	Atlantic shrubby glasswort scrubs								Typical of	Estuaries				
5	A2.528	Mediterranean [Limoniastrum] scrubs	A2.528	Mediterranean [Limoniastrum] scrubs						>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries				
5	A2.529	Canary Island saltmarsh scrubs	A2.529	Canary Island saltmarsh scrubs						>	Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)	Typical of	Estuaries				
4	**A2.53**	**Mid-upper saltmarshes and saline and brackish reed, rush and sedge beds**	**A2.53**	**Mid-upper saltmarshes and saline and brackish reed, rush and sedge beds**	>	**LS.LMp.Sm_**	**Saltmarsh (mid-upper)**	**4.5**	**162**			Typical of	Estuaries				
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	#	LS.LMp.Sm.SM21	Suaeda vera-Limonium binervosum salt-marsh community	5	157	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM22	Halimione portulacoides-Frankenia laevis salt-marsh community	5	159	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM18	Juncus maritimus salt-marsh community	5	163	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM15	Juncus maritimus-Triglochin maritima salt-marsh community	5	164	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM20	Eleocharis uniglumis salt-marsh community	5	165	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM19	Blysmus rufus salt-marsh community	5	166	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM17	Artemisia maritima salt-marsh community	5	167	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.531	Atlantic upper shore communities	A2.531	Atlantic upper shore communities	>	LS.LMp.Sm.SM16	Festuca rubra salt-marsh community	5	168	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5311	Atlantic [Juncus gerardii] saltmeadows	A2.5311	Atlantic [Juncus gerardii] saltmeadows								Typical of	Estuaries				
6	A2.5312	Atlantic [Plantago maritima] saltmeadows	A2.5312	Atlantic [Plantago maritima] saltmeadows								Typical of	Estuaries				
6	A2.5313	Atlantic [Festuca rubra]-[Agrostis stolonifera] swards	A2.5313	Atlantic [Festuca rubra]-[Agrostis stolonifera] swards								Typical of	Estuaries				
6	A2.5314	Atlantic thrift swards	A2.5314	Atlantic thrift swards								Typical of	Estuaries				
6	A2.5315	Atlantic [Carex distans] beds	A2.5315	Atlantic [Carex distans] beds								Typical of	Estuaries				
6	A2.5316	Atlantic [Carex extensa] saltmeadows	A2.5316	Atlantic [Carex extensa] saltmeadows								Typical of	Estuaries				
6	A2.5317	Atlantic sea lavender meadows	A2.5317	Atlantic sea lavender meadows								Typical of	Estuaries				
6	A2.5318	Atlantic [Blysmus] salt meadows	A2.5318	Atlantic [Blysmus] salt meadows								Typical of	Estuaries				

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
6	A2.5319	Atlantic [Eleocharis] salt meadows	A2.5319	Atlantic [Eleocharis] salt meadows								Typical of	Estuaries				
6	A2.531A	Atlantic [Juncus maritimus] beds	A2.531A	Atlantic [Juncus maritimus] beds								Typical of	Estuaries				
6	A2.531B	Atlantic sea wormwood salt meadows	A2.531B	Atlantic sea wormwood salt meadows								Typical of	Estuaries				
6	A2.531C	Atlantic [Potentilla anserina] carpets	A2.531C	Atlantic [Potentilla anserina] carpets								Typical of	Estuaries				
6	A2.531D	Atlantic sea-heath communities	A2.531D	Atlantic sea-heath communities								Typical of	Estuaries				
6	A2.531E	Atlantic upper schorre sea aster beds	A2.531E	Atlantic upper schorre sea aster beds								Typical of	Estuaries				
6	A2.531F	Atlantic strawberry clover swards	A2.531F	Atlantic strawberry clover swards								Typical of	Estuaries				
6	A2.531G	Atlantic black sedge salt meadows	A2.531G	Atlantic black sedge salt meadows								Typical of	Estuaries				
6	A2.531H	Scandinavian bogrush shore communities	A2.531H	Scandinavian bogrush shore communities								Typical of	Estuaries				
6	A2.531I	Northern [Agrostis-Festuca-Leontodon] communities	A2.531I	Northern [Agrostis-Festuca-Leontodon] communities								Typical of	Estuaries				
6	A2.531J	Fenno-Scandian [Calamagrostis stricta]-sedge swards	A2.531J	Fenno-Scandian [Calamagrostis stricta]-sedge swards								Typical of	Estuaries				
6	A2.531K	Baltic [Carex scandinavica] swards	A2.531K	Baltic [Carex scandinavica] swards													
5	A2.532	Mediterranean halo-psammophile meadows	A2.532	Mediterranean halo-psammophile meadows						>	Mediterranean salt meadows (Juncetalia maritimi)						
5	A2.533	Upper shore arctic salt meadows	A2.533	Upper shore arctic salt meadows								Typical of	Estuaries				
5	A2.534	Sulphurous arctic salt meadows	A2.534	Sulphurous arctic salt meadows													
5	A2.535	[Juncus maritimus] mid-upper saltmarshes	A2.535	[Juncus maritimus] mid-upper saltmarshes	=	LS.LMp.Sm.SM18	Juncus maritimus salt-marsh community	5	163	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)					<	Coastal saltmarsh
5	A2.536	[Juncus maritimus] mid-upper saltmarshes with [Triglochin maritima]	A2.536	[Juncus maritimus] mid-upper saltmarshes with [Triglochin maritima]	=	LS.LMp.Sm.SM15	Juncus maritimus-Triglochin maritima salt-marsh community	5	164	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.537	[Eleocharis uniglumis] mid-upper saltmarshes	A2.537	[Eleocharis uniglumis] mid-upper saltmarshes	=	LS.LMp.Sm.SM20	Eleocharis uniglumis salt-marsh community	5	165	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.538	[Blysmus rufus] mid-upper saltmarshes	A2.538	[Blysmus rufus] mid-upper saltmarshes	=	LS.LMp.Sm.SM19	Blysmus rufus salt-marsh community	5	166	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.539	Mid-upper saltmarshes: [Artemisia maritima] with [Festuca rubra], or open canopy of [Artemisia maritima] and [Halimione]	A2.539	Mid-upper saltmarshes: [Artemisia maritima] with [Festuca rubra], or open canopy of [Artemisia maritima] and [Halimione]	=	LS.LMp.Sm.SM17	Artemisia maritima salt-marsh community	5	167			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.53A	[Festuca rubra] mid-upper saltmarshes	A2.53A	[Festuca rubra] mid-upper saltmarshes	<	LS.LMp.Sm.SM16	Festuca rubra salt-marsh community	5	168	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.53B	Mid-upper saltmarshes: sub-communities of [Festuca rubra] with [Agrostis stolonifera], [Juncus gerardi], [Puccinellia maritima], [Glaux maritima], [Triglochin maritima], [Armeria maritima] and [Plantago maritima]	A2.53B	Mid-upper saltmarshes: sub-communities of [Festuca rubra] with [Agrostis stolonifera], [Juncus gerardi], [Puccinellia maritima], [Glaux maritima], [Triglochin maritima], [Armeria maritima] and [Plantago maritima]	<	LS.LMp.Sm.SM16	Festuca rubra salt-marsh community	5	168	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.53C	'Marine saline beds of [Phragmites australis]	A2.53C	'Saline beds of [Phragmites australis]								Typical of	Estuaries				
5	A2.53D	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands	A2.53D	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands								Typical of	Estuaries				
6	A2.53D1	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands: natural stands	A2.53D1	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands: natural stands													
6	A2.53D2	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands: harvested stands	A2.53D2	Geolittoral wetlands and meadows: saline and brackish reed, rush and sedge stands: harvested stands													
4	**A2.54**	**Low-mid saltmarshes**	**A2.54**	**Low-mid saltmarshes**	=	**LS.LMp.Sm_**	**Saltmarsh (low-mid)**	**4.5**	**170**								
5	A2.541	Atlantic saltmarsh grass lawns	A2.541	Atlantic saltmarsh grass lawns	>	LS.LMp.Sm.SM13	Puccinellia maritima salt-marsh community	5	172	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.542	Atlantic lower shore communities	A2.542	Atlantic lower shore communities	#	LS.LMp.Sm.SM26	Inula crithmoides stands	5	160	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.542	Atlantic lower shore communities	A2.542	Atlantic lower shore communities	>	LS.LMp.Sm.SM10	Transitional low marsh vegetation with *Puccinellia maritima* , annual *Salicornia* species and *Sueda maritima*	5	174	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.542	Atlantic lower shore communities	A2.542	Atlantic lower shore communities	>	LS.LMp.Sm.SM12	Rayed *Aster tripolium* stands	5	176	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.542	Atlantic lower shore communities	A2.542	Atlantic lower shore communities	>	LS.LMp.Sm.SM11	Aster tripolium var. discoideus salt-marsh community	5	177	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5421	Sea purslane-saltmarsh grass meadows	A2.5421	Sea purslane-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5422	Sea aster-saltmarsh grass meadows	A2.5422	Sea aster-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5423	Glasswort-saltmarsh grass meadows	A2.5423	Glasswort-saltmarsh grass meadows								Typical of	Estuaries				

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
6	A2.5424	Atlantic stalked orache beds	A2.5424	Atlantic stalked orache beds								Typical of	Estuaries				
6	A2.5425	[Pelvetia]-saltmarsh grass meadows	A2.5425	[Pelvetia]-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5426	[Catabrosa]-saltmarsh grass meadows	A2.5426	[Catabrosa]-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5427	[Glaux]-saltmarsh grass meadows	A2.5427	[Glaux]-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5428	[Plantago]-saltmarsh grass meadows	A2.5428	[Plantago]-saltmarsh grass meadows								Typical of	Estuaries				
6	A2.5429	[Limonium]-saltmarsh grass meadows	A2.5429	[Limonium]-saltmarsh grass meadows								Typical of	Estuaries				
5	A2.543	Mediterranean coastal-saltmarsh grass swards	A2.543	Mediterranean coastal-saltmarsh grass swards						>	Mediterranean salt meadows (Juncetalia maritimi)	Typical of	Estuaries				
5	A2.544	Lower shore arctic salt meadows	A2.544	Lower shore arctic salt meadows								Typical of	Estuaries				
5	A2.545	[Halimione portulacoides] low-mid saltmarshes	A2.545	[Halimione portulacoides] low-mid saltmarshes	=	LS.LMp.Sm.SM14	Halimione portulacoides salt-marsh community	5	171	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)					<	Coastal saltmarsh
5	A2.546	[Puccinellia maritima] low-mid saltmarshes	A2.546	[Puccinellia maritima] low-mid saltmarshes						>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries				
5	A2.547	Sub-communities of [Puccinellia maritima] saltmarsh with [Limonium vulgare] and [Armeria maritima]; [P. maritima] with [Glaux maritima] co-dominant in species-poor vegetation; [Puccinellia maritima] with [Plantago maritima] and/or [Armeria maritima]	A2.547	Sub-communities of [Puccinellia maritima] saltmarsh with [Limonium vulgare] and [Armeria maritima]; [P. maritima] with [Glaux maritima] co-dominant in species-poor vegetation; [Puccinellia maritima] with [Plantago maritima] and/or [Armeria maritima]						>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries				
5	A2.548	Annual [Salicornia], [Suaeda] and [Puccinellia maritima] low-mid saltmarshes	A2.548	Annual [Salicornia], [Suaeda] and [Puccinellia maritima] low-mid saltmarshes	=	LS.LMp.Sm.SM10	Transitional low marsh vegetation with *Puccinellia maritima* , annual *Salicornia* species and *Sueda maritima*	5	174	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
4	**A2.55**	**Pioneer saltmarshes**	**A2.55**	**Pioneer saltmarshes**	=	**LS.LMp.Sm_**	**Saltmarsh (pioneer)**	**4.5**	**175**			Typical of	Estuaries				
5	A2.551	[Salicornia], [Suaeda] and [Salsola] pioneer saltmarshes	A2.551	[Salicornia], [Suaeda] and [Salsola] pioneer saltmarshes	>	LS.LMp.Sm.SM9	Suaeda maritima salt-marsh community	5	179	>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.551	[Salicornia], [Suaeda] and [Salsola] pioneer saltmarshes	A2.551	[Salicornia], [Suaeda] and [Salsola] pioneer saltmarshes	>	LS.LMp.Sm.SM8	Annual Salicornia salt-marsh community	5	180	>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5511	Biocenosis of beaches with slowly-drying wracks under glassworts	A2.5511	Biocenosis of beaches with slowly-drying wracks under glassworts								Typical of	Estuaries				
6	A2.5512	[Suaeda maritima] pioneer saltmarshes	A2.5512	[Suaeda maritima] pioneer saltmarshes	=	LS.LMp.Sm.SM9	Suaeda maritima salt-marsh community	5	179			Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5513	[Salicornia] spp. pioneer saltmarshes	A2.5513	[Salicornia] spp. pioneer saltmarshes	=	LS.LMp.Sm.SM8	Annual *Salicornia* salt-marsh community	5	180			Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5514	[Salicornia veneta] swards	A2.5514	[Salicornia veneta] swards								Typical of	Estuaries				
6	A2.5515	Black Sea annual [Salicornia], [Suaeda] and [Salsola] saltmarshes	A2.5515	Black Sea annual [Salicornia], [Suaeda] and [Salsola] saltmarshes								Typical of	Estuaries				
6	A2.5516	Low-shore Mediterranean glasswort swards	A2.5516	Low-shore Mediterranean glasswort swards								Typical of	Estuaries				
5	A2.552	Mediterranean coastal halo-nitrophilous pioneer communities	A2.552	Mediterranean coastal halo-nitrophilous pioneer communities						>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries				
5	A2.553	Atlantic [Sagina maritima] communities	A2.553	Atlantic [Sagina maritima] communities	>	LS.LMp.Sm.SM27	Ephemeral salt-marsh vegetation with *Sagina maritima*	5	161	>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.554	Flat-leaved [Spartina] swards	A2.554	Flat-leaved [Spartina] swards	>	LS.LMp.Sm.SM6	Spartina anglica salt-marsh community	5	181	>	Spartina swards (Spartinion maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.554	Flat-leaved [Spartina] swards	A2.554	Flat-leaved [Spartina] swards	>	LS.LMp.Sm.SM5	Spartina alterniflora salt-marsh community	5	182	>	Spartina swards (Spartinion maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.554	Flat-leaved [Spartina] swards	A2.554	Flat-leaved [Spartina] swards	>	LS.LMp.Sm.SM4	Spartina maritima salt-marsh community	5	183	>	Spartina swards (Spartinion maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5541	[Spartina anglica] pioneer saltmarshes	A2.5541	[Spartina anglica] pioneer saltmarshes	=	LS.LMp.Sm.SM6	Spartina anglica salt-marsh community	5	181			Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5542	[Spartina alterniflora] with [Spartina anglica], [Puccinellia maritima] and [Aster tripolium]	A2.5542	[Spartina alterniflora] with [Spartina anglica], [Puccinellia maritima] and [Aster tripolium]	=	LS.LMp.Sm.SM5	Spartina alterniflora salt-marsh community	5	182			Typical of	Estuaries			<	Coastal saltmarsh
6	A2.5543	[Spartina maritima] pioneer saltmarshes	A2.5543	[Spartina maritima] pioneer saltmarshes	=	LS.LMp.Sm.SM4	Spartina maritima salt-marsh community	5	183			Typical of	Estuaries			<	Coastal saltmarsh
5	A2.555	[Spartina densiflora] swards	A2.555	[Spartina densiflora] swards						>	Spartina swards (Spartinion maritimae)	Typical of	Estuaries				
5	A2.556	Rayed [Aster tripolium] pioneer saltmarshes	A2.556	Rayed [Aster tripolium] pioneer saltmarshes	=	LS.LMp.Sm.SM12	Rayed *Aster tripolium* stands	5		>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.557	[Aster tripolium] var. [discoides] pioneer saltmarshes	A2.557	[Aster tripolium] var. [discoides] pioneer saltmarshes	=	LS.LMp.Sm.SM11	Aster tripolium var. *discoideus* salt-marsh community	5	177	>	Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Typical of	Estuaries			<	Coastal saltmarsh
5	A2.558	[Arthrocnemum perenne] pioneer saltmarshes, sometimes with [Halimione], [Puccinellia] and [Suaeda]	A2.558	[Arthrocnemum perenne] pioneer saltmarshes, sometimes with [Halimione], [Puccinellia] and [Suaeda]	>	LS.LMp.Sm.SM7	Arthrocnemum perenne stands	5	178	>	Salicornia and other annuals colonising mud and sand	Typical of	Estuaries			<	Coastal saltmarsh

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3	**A2.6**	**Littoral sediments dominated by aquatic angiosperms**	**A2.6**	**Littoral sediments dominated by aquatic angiosperms**	<	**LS.LMp**	**Littoral macrophyte-dominated sediment**	**3**	**151**	Sub-types, if in mud or sand habitats, may occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide	Typical of	Estuaries				
4	**A2.61**	**Seagrass beds on littoral sediments**	**A2.61**	**Seagrass beds on littoral sediments**	S	**LS.LMp.LSgr**	**Seagrass beds on littoral sediments**	**4**	**186**	May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide					<	Seagrass beds
5	A2.611	Mainland Atlantic [Zostera noltii] or [Zostera angustifolia] meadows	A2.611	Mainland Atlantic [Zostera noltii] or [Zostera angustifolia] meadows						May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide			<	Zostera beds	<	Seagrass beds
6	A2.6111	[Zostera noltii] beds in littoral muddy sand	A2.6111	[Zostera noltii] beds in littoral muddy sand	S	LS.LMp.LSgr.Znol	Zostera noltii beds in littoral muddy sand	5	187	May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide			<	Zostera beds	<	Seagrass beds
5	A2.612	Macaronesian [Zostera noltii] meadows	A2.612	Macaronesian [Zostera noltii] meadows						May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide			<	Zostera beds		
5	A2.613	Pontic [Zostera marina] and [Zostera noltii] meadows	A2.615	Pontic [Zostera marina] and [Zostera noltii] meadows						May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide						
5	A2.614	[Ruppia maritima] on lower shore sediment	A2.616	[Ruppia maritima] on lower shore sediment						May occur in Annex I type	Mudflats and sandflats not covered by seawater at low tide					<	Seagrass beds
4	**A2.62**	**Marine [Cyperaceae] beds**	**A2.62**	**Marine [Cyperaceae] beds**													
5	A2.621	[Eleocharis] beds	A2.621	[Eleocharis] beds													
6	A2.6211	[Eleocharis parvula] beds	A2.6211	[Eleocharis parvula] beds													
6	A2.6212	Bothnian [Eleocharis acicularis] beds	A2.6212	Bothnian [Eleocharis acicularis] beds													
3	**A2.7**	**Littoral biogenic reefs**	**A2.7**	**Littoral biogenic reefs**	=	**LS.LBR**	**Littoral biogenic reefs**	**3**	**188**	<	Reefs						
4	**A2.71**	**Littoral [Sabellaria] reefs**	**A2.71**	**Littoral [Sabellaria] reefs**	S	**LS.LBR.Sab**	**Littoral Sabellaria honeycomb worm reefs**	**4**	**189**	<	Reefs					<	Sabellaria alveolata reefs
5	A2.711	[Sabellaria alveolata] reefs on sand-abraded eulittoral rock	A2.711	[Sabellaria alveolata] reefs on sand-abraded eulittoral rock	S	LS.LBR.Sab.Salv	Sabellaria alveolata reefs on sand-abraded eulittoral rock	5	190	<	Reefs					<	Sabellaria alveolata reefs
4	**A2.72**	**Littoral mussel beds on sediment**	**A2.72**	**Littoral [Mytilus edulis] beds on sediment**	S	**LS.LBR.LMus**	**Littoral mussel beds on sediment**	**4**	**191**	<	Reefs						
5	A2.721	[Mytilus edulis] beds on littoral sediments	A2.721	[Mytilus edulis] beds on littoral sediments	S	LS.LBR.LMus.Myt	Mytilus edulis beds on littoral sediments	5	192	<	Reefs					<	Blue mussel beds
6	A2.7211	[Mytilus edulis] beds on littoral mixed substrata	A2.7211	[Mytilus edulis] beds on littoral mixed substrata	S	LS.LBR.LMus.Myt.Mx	Mytilus edulis beds on littoral mixed substrata	6	193	<	Reefs			<	Intertidal Mytilus edulis beds on mixed and sandy sediments	<	Blue mussel beds
6	A2.7212	[Mytilus edulis] beds on littoral sand	A2.7212	[Mytilus edulis] beds on littoral sand	S	LS.LBR.LMus.Myt.Sa	Mytilus edulis beds on littoral sand	6	194	<	Reefs			<	Intertidal Mytilus edulis beds on mixed and sandy sediments	<	Blue mussel beds
6	A2.7213	[Mytilus edulis] beds on littoral mud	A2.7213	[Mytilus edulis] beds on littoral mud	S	LS.LBR.LMus.Myt.Mu	Mytilus edulis beds on littoral mud	6	195	<	Reefs					<	Blue mussel beds
3	**A2.8**	**Features of littoral sediment**	**A2.8**	**Features of littoral sediment**													
4	**A2.81**	**Methane seeps in littoral sediments**	**A2.81**	**Methane seeps in littoral sediments**													
4	**A2.82**	**Ephemeral green or red seaweeds (freshwater or sand-influenced) on mobile substrata**	**A2.82**	**Ephemeral green or red seaweeds (freshwater or sand-influenced) on mobile substrata**	<	**LR.FLR.Eph**	**Ephemeral green or red seaweed communities (freshwater or sand-influenced)**	**4**	**95**								
5	A2.821	Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata	A2.821	Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata	S	LR.FLR.Eph.EphX	Ephemeral green and red seaweeds on variable salinity and/or disturbed eulittoral mixed substrata	5	98								
4	**A2.83**	**Hydrolittoral stony substrata**	**A2.83**	**Hydrolittoral stony substrata**						<	Reefs						
5	A2.831	Hydrolittoral stony substrata: level bottoms with little or no macrophyte vegetation	A2.831	Hydrolittoral stony substrata: level bottoms with little or no macrophyte vegetation						<	Reefs						
5	A2.832	Hydrolittoral stony substrata: level bottoms dominated by macrophyte vegetation	A2.832	Hydrolittoral stony substrata: level bottoms dominated by macrophyte vegetation						<	Reefs						
5	A2.833	Hydrolittoral stony substrata: reefs	A2.833	Hydrolittoral stony substrata: reefs						<	Reefs						
4	**A2.84**	**Hydrolittoral gravel substrata**	**A2.84**	**Hydrolittoral gravel substrata**													
5	A2.841	Hydrolittoral gravel substrata: level bottoms with little or no macrophyte vegetation	A2.841	Hydrolittoral gravel substrata: level bottoms with little or no macrophyte vegetation													
5	A2.842	Hydrolittoral gravel substrata: level bottoms dominated by macrophyte vegetation	A2.842	Hydrolittoral gravel substrata: level bottoms dominated by macrophyte vegetation													
5	A2.843	Hydrolittoral gravel substrata: banks	A2.843	Hydrolittoral gravel substrata: banks													
4	**A2.85**	**Hydrolittoral sandy substrata**	**A2.85**	**Hydrolittoral sandy substrata**						?<	Mudflats and sandflats not covered by seawater at low tide						

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5	A2.851	Hydrolittoral sandy substrata: level bottoms with little or no macrophyte vegetation	A2.851	Hydrolittoral sandy substrata: level bottoms with little or no macrophyte vegetation						?<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.852	Hydrolittoral sandy substrata: level bottoms dominated by macrophyte vegetation	A2.852	Hydrolittoral sandy substrata: level bottoms dominated by macrophyte vegetation						?<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.853	Hydrolittoral sandy substrata: bars	A2.853	Hydrolittoral sandy substrata: bars						?<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.854	Hydrolittoral sandy substrata: banks	A2.854	Hydrolittoral sandy substrata: banks						?<	Mudflats and sandflats not covered by seawater at low tide						
4	**A2.86**	**Hydrolittoral muddy substrata**	**A2.86**	**Hydrolittoral muddy substrata**						?<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.861	Hydrolittoral muddy substrata: with little or no macrophyte vegetation	A2.861	Hydrolittoral muddy substrata: with little or no macrophyte vegetation						?<	Mudflats and sandflats not covered by seawater at low tide						
5	A2.862	Hydrolittoral muddy substrata: dominated by macrophyte vegetation	A2.862	Hydrolittoral muddy substrata: dominated by macrophyte vegetation						?<	Mudflats and sandflats not covered by seawater at low tide						
4	**A2.87**	**Hydrolittoral mixed sediment substrata**	**A2.87**	**Hydrolittoral mixed sediment substrata**													
5	A2.871	Hydrolittoral mixed sediment substrata: with little or no macrophyte vegetation	A2.871	Hydrolittoral mixed sediment substrata: with little or no macrophyte vegetation													
5	A2.872	Hydrolittoral mixed sediment substrata: dominated by macrophyte vegetation	A2.872	Hydrolittoral mixed sediment substrata: dominated by macrophyte vegetation													
2	**A3**	**Infralittoral rock and other hard substrata**	**A3**	**Infralittoral rock and other hard substrata**	=	**IR**	**Infralittoral rock (and other hard substrata)**	**2**	**196**	<	Reefs						
3	**A3.1**	**Atlantic and Mediterranean high energy infralittoral rock**	**A3.1**	**Atlantic and Mediterranean high energy infralittoral rock**	=	**IR.HIR**	**High energy infralittoral rock**	**3**	**197**	<	Reefs						
4	**A3.11**	**Kelp with cushion fauna and/or foliose red seaweeds**	**A3.11**	**Kelp with cushion fauna and/or foliose red seaweeds**	S	**IR.HIR.KFaR**	**Kelp with cushion fauna and/or foliose red seaweeds**	**4**	**198**	<	Reefs						
5	A3.111	[Alaria esculenta] on exposed sublittoral fringe bedrock	A3.111	[Alaria esculenta] on exposed sublittoral fringe bedrock	S	IR.HIR.KFaR.Ala	Alaria esculenta on exposed sublittoral fringe bedrock	5	199	<	Reefs						
6	A3.1111	[Alaria esculenta], [Mytilus edulis] and coralline crusts on very exposed sublittoral fringe bedrock	A3.1111	[Alaria esculenta], [Mytilus edulis] and coralline crusts on very exposed sublittoral fringe bedrock	S	IR.HIR.KFaR.Ala.Myt	Alaria esculenta, Mytilus edulis and coralline crusts on very exposed sublittoral fringe bedrock	6	200	<	Reefs						
6	A3.1112	[Alaria esculenta] and [Laminaria digitata] on exposed sublittoral fringe bedrock	A3.1112	[Alaria esculenta] and [Laminaria digitata] on exposed sublittoral fringe bedrock	S	IR.HIR.KFaR.Ala.Ldig	Alaria esculenta and *Laminaria digitata* on exposed sublittoral fringe bedrock	6	201	<	Reefs						
5	A3.112	[Alaria esculenta] forest with dense anemones and crustose sponges on extremely exposed infralittoral bedrock	A3.112	[Alaria esculenta] forest with dense anemones and crustose sponges on extremely exposed infralittoral bedrock	S	IR.HIR.KFaR.AlaAnCrSp	Alaria esculenta forest with dense anemones and crustose sponges on extremely exposed infralittoral bedrock	5	202	<	Reefs						
5	A3.113	[Laminaria hyperborea] forest with a faunal cushion (sponges and polyclinids) and foliose red seaweeds on very exposed infralittoral rock	A3.113	[Laminaria hyperborea] forest with a faunal cushion (sponges and polyclinids) and foliose red seaweeds on very exposed infralittoral rock	S	IR.HIR.KFaR.LhypFa	Laminaria hyperborea forest with a faunal cushion (sponges and polyclinids) and foliose red seaweeds on very exposed upper infralittoral rock	5	203	<	Reefs						
5	A3.114	Sparse [Laminaria hyperborea] and dense [Paracentrotus lividus] on exposed infralittoral limestone	A3.114	Sparse [Laminaria hyperborea] and dense [Paracentrotus lividus] on exposed infralittoral limestone	S	IR.HIR.KFaR.LhypPar	Sparse *Laminaria hyperborea* and dense *Paracentrotus lividus* on exposed infralittoral limestone	5	204	<	Reefs						
5	A3.115	[Laminaria hyperborea] with dense foliose red seaweeds on exposed infralittoral rock	A3.115	[Laminaria hyperborea] with dense foliose red seaweeds on exposed infralittoral rock	S	IR.HIR.KFaR.LhypR	Laminaria hyperborea with dense foliose red seaweeds on exposed infralittoral rock	5	205	<	Reefs						
6	A3.1151	[Laminaria hyperborea] forest with dense foliose red seaweeds on exposed upper infralittoral rock	A3.1151	[Laminaria hyperborea] forest with dense foliose red seaweeds on exposed upper infralittoral rock	S	IR.HIR.KFaR.LhypR.Ft	Laminaria hyperborea forest with dense foliose red seaweeds on exposed upper infralittoral rock	6	206	<	Reefs						
6	A3.1152	[Laminaria hyperborea] park with dense foliose red seaweeds on exposed lower infralittoral rock	A3.1152	[Laminaria hyperborea] park with dense foliose red seaweeds on exposed lower infralittoral rock	S	IR.HIR.KFaR.LhypR.Pk	Laminaria hyperborea park with dense foliose red seaweeds on exposed lower infralittoral rock	6	207	<	Reefs						
6	A3.1153	Mixed [Laminaria hyperborea] and [Laminaria ochroleuca] forest on exposed infralittoral rock	A3.1153	Mixed [Laminaria hyperborea] and [Laminaria ochroleuca] forest on exposed infralittoral rock	S	IR.HIR.KFaR.LhypR.Loch	Mixed *Laminaria hyperborea* and *Laminaria ochroleuca* forest on exposed infralittoral rock	6	208	<	Reefs						
5	A3.116	Foliose red seaweeds on exposed lower infralittoral rock	A3.116	Foliose red seaweeds on exposed lower infralittoral rock	S	IR.HIR.KFaR.FoR	Foliose red seaweeds on exposed lower infralittoral rock	5	209	<	Reefs						
6	A3.1161	Foliose red seaweeds with dense [Dictyota dichotoma] and/or [Dictyopteris membranacea] on exposed lower infralittoral rock	A3.1161	Foliose red seaweeds with dense [Dictyota dichotoma] and/or [Dictyopteris membranacea] on exposed lower infralittoral rock	S	IR.HIR.KFaR.FoR.Dic	Foliose red seaweeds with dense *Dictyota dichotoma* and/or *Dictyopteris membranacea* on exposed lower infralittoral rock	6	210	<	Reefs						
5	A3.117	[Laminaria hyperborea] and red seaweeds on exposed vertical rock	A3.117	[Laminaria hyperborea] and red seaweeds on exposed vertical rock	S	IR.HIR.KFaR.LhypRVt	Laminaria hyperborea and red seaweeds on exposed vertical rock	5	211	<	Reefs						
5	A3.118	Turf of articulated [Corallinaceae] on exposed to sheltered infralittoral bedrock and boulders	A3.118	Turf of articulated [Corallinaceae] on exposed to sheltered infralittoral bedrock and boulders						<	Reefs						

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4	**A3.12**	**Sediment-affected or disturbed kelp and seaweed communities**	**A3.12**	**Sediment-affected or disturbed kelp and seaweed communities**	S	**IR.HIR.KSed**	**Sediment-affected or disturbed kelp and seaweed communities**	**4**	**212**	<	Reefs						
5	A3.121	[Saccorhiza polyschides] and other opportunistic kelps on disturbed upper infralittoral rock	A3.121	[Saccorhiza polyschides] and other opportunistic kelps on disturbed upper infralittoral rock	S	IR.HIR.KSed.Sac	Saccorhiza polyschides and other opportunistic kelps on disturbed sublittoral fringe rock	5	213	<	Reefs						
5	A3.122	[Laminaria saccharina] and/or [Saccorhiza polyschides] on exposed infralittoral rock	A3.122	[Laminaria saccharina] and/or [Saccorhiza polyschides] on exposed infralittoral rock	S	IR.HIR.KSed.LsacSac	Laminaria saccharina and/or *Saccorhiza polyschides* on exposed infralittoral rock	5	214	<	Reefs						
5	A3.123	[Laminaria saccharina], [Chorda filum] and dense red seaweeds on shallow unstable infralittoral boulders and cobbles	A3.123	[Laminaria saccharina], [Chorda filum] and dense red seaweeds on shallow unstable infralittoral boulders and cobbles	S	IR.HIR.KSed.LsacChoR	Laminaria saccharina, Chorda filum and dense red seaweeds on shallow unstable infralittoral boulders or cobbles	5	215	<	Reefs						
5	A3.124	Dense [Desmarestia] spp. with filamentous red seaweeds on exposed infralittoral cobbles, pebbles and bedrock	A3.124	Dense [Desmarestia] spp. with filamentous red seaweeds on exposed infralittoral cobbles, pebbles and bedrock	S	IR.HIR.KSed.DesFilR	Dense *Desmarestia* spp. with filamentous red seaweeds on exposed infralittoral cobbles, pebbles and bedrock	5	216	<	Reefs						
5	A3.125	Mixed kelps with scour-tolerant and opportunistic foliose red seaweeds on scoured or sand-covered infralittoral rock	A3.125	Mixed kelps with scour-tolerant and opportunistic foliose red seaweeds on scoured or sand-covered infralittoral rock	S	IR.HIR.KSed.XKScrR	Mixed kelps with scour-tolerant and opportunistic foliose red seaweeds on scoured or sand-covered infralittoral rock	5	217	<	Reefs						
5	A3.126	[Halidrys siliquosa] and mixed kelps on tide-swept infralittoral rock with coarse sediment	A3.126	[Halidrys siliquosa] and mixed kelps on tide-swept infralittoral rock with coarse sediment	S	IR.HIR.KSed.XKHal	Halidrys siliquosa and mixed kelps on tide-swept infralittoral rock with coarse sediment	5	218	<	Reefs						
5	A3.127	[Polyides rotundus], [Ahnfeltia plicata] and [Chondrus crispus] on sand-covered infralittoral rock	A3.127	[Polyides rotundus], [Ahnfeltia plicata] and [Chondrus crispus] on sand-covered infralittoral rock	S	IR.HIR.KSed.ProtAhn	Polyides rotundus, Ahnfeltia plicata and *Chondrus crispus* on sand-covered infralittoral rock	5	219	<	Reefs						
4	**A3.13**	**Mediterranean communities of infralittoral algae very exposed to wave action**	**A3.13**	**Mediterranean communities of infralittoral algae very exposed to wave action**						<	Reefs						
5	A3.131	Overgrazing facies with incrustant algaes and sea urchins	A3.131	Overgrazing facies with incrustant algaes and sea urchins						<	Reefs						
5	A3.132	Association with [Cystoseira amentacea] (var. [amentacea], var. [stricta], var. [spicata])	A3.132	Association with [Cystoseira amentacea] (var. [amentacea], var. [stricta], var. [spicata])						<	Reefs						
5	A3.133	Facies with [Vermetus] spp.	A3.133	Facies with [Vermetus] spp.						<	Reefs						
5	A3.134	Facies with [Mytilus galloprovincialis]	A3.134	Facies with [Mytilus galloprovincialis]						<	Reefs						
5	A3.135	Association with [Corallina elongata] and [Herposiphonia secunda]	A3.135	Association with [Corallina elongata] and [Herposiphonia secunda]						<	Reefs						
5	A3.136	Association with [Corallina officinalis]	A3.136	Association with [Corallina officinalis]						<	Reefs						
5	A3.137	Association with [Schottera nicaeensis]	A3.137	Association with [Schottera nicaeensis]						<	Reefs						
4	**A3.14**	**Encrusting algal communities**	**A3.14**	**Encrusting algal communities**						<	Reefs						
4	**A3.15**	**Frondose algal communities (other than kelp)**	**A3.15**	**Frondose algal communities (other than kelp)**						<	Reefs						
5	A3.151	[Cystoseira] spp. on exposed infralittoral bedrock and boulders	A3.151	[Cystoseira] spp. on exposed infralittoral bedrock and boulders						<	Reefs						
3	**A3.2**	**Atlantic and Mediterranean moderate energy infralittoral rock**	**A3.2**	**Atlantic and Mediterranean moderate energy infralittoral rock**	=	**IR.MIR**	**Moderate energy infralittoral rock**	**3**	**220**	<	Reefs						
4	**A3.21**	**Kelp and red seaweeds (moderate energy infralittoral rock)**	**A3.21**	**Kelp and red seaweeds (moderate energy infralittoral rock)**	S	**IR.MIR.KR**	**Kelp and red seaweeds (moderate energy infralittoral rock)**	**4**	**221**	<	Reefs						
5	A3.211	[Laminaria digitata] on moderately exposed sublittoral fringe rock	A3.211	[Laminaria digitata] on moderately exposed sublittoral fringe rock	S	IR.MIR.KR.Ldig	Laminaria digitata on moderately exposed sublittoral fringe rock	5	222	<	Reefs						
6	A3.2111	[Laminaria digitata] on moderately exposed sublittoral fringe bedrock	A3.2111	[Laminaria digitata] on moderately exposed sublittoral fringe bedrock	S	IR.MIR.KR.Ldig.Ldig	Laminaria digitata on moderately exposed sublittoral fringe bedrock	6	223	<	Reefs						
6	A3.2112	[Laminaria digitata] and under-boulder fauna on sublittoral fringe boulders	A3.2112	[Laminaria digitata] and under-boulder fauna on sublittoral fringe boulders	S	IR.MIR.KR.Ldig.Bo	Laminaria digitata and under-boulder fauna on sublittoral fringe boulders	6	224	<	Reefs					<	Intertidal underboulder communities
6	A3.2113	[Laminaria digitata] and piddocks on sublittoral fringe soft rock	A3.2113	[Laminaria digitata] and piddocks on sublittoral fringe soft rock	S	IR.MIR.KR.Ldig.Pid	Laminaria digitata and piddocks on sublittoral fringe soft rock	6	225	<	Reefs					May occur in UKBAP type	Subtidal chalk
5	A3.212	[Laminaria hyperborea] on tide-swept, infralittoral rock	A3.212	[Laminaria hyperborea] on tide-swept, infralittoral rock	S	IR.MIR.KR.LhypT	Laminaria hyperborea on tide-swept, infralittoral rock	5	226	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A3.2121	[Laminaria hyperborea] forest, foliose red seaweeds and a diverse fauna on tide-swept upper infralittoral rock	A3.2121	[Laminaria hyperborea] forest, foliose red seaweeds and a diverse fauna on tide-swept upper infralittoral rock	S	IR.MIR.KR.LhypT.Ft	Laminaria hyperborea forest, foliose red seaweeds and a diverse fauna on tide-swept upper infralittoral rock	6	227	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A3.2122	[Laminaria hyperborea] park with hydroids, bryozoans and sponges on tide-swept lower infralittoral rock	A3.2122	[Laminaria hyperborea] park with hydroids, bryozoans and sponges on tide-swept lower infralittoral rock	S	IR.MIR.KR.LhypT.Pk	Laminaria hyperborea park with hydroids, bryozoans and sponges on tide-swept lower infralittoral rock	6	228	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A3.213	[Laminaria hyperborea] on tide-swept infralittoral mixed substrata	A3.213	[Laminaria hyperborea] on tide-swept infralittoral mixed substrata	S	IR.MIR.KR.LhypTX	Laminaria hyperborea on tide-swept, infralittoral mixed substrata.	5	229	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A3.2131	[Laminaria hyperborea] forest and foliose red seaweeds on tide-swept upper infralittoral mixed substrata	A3.2131	[Laminaria hyperborea] forest and foliose red seaweeds on tide-swept upper infralittoral mixed substrata	S	IR.MIR.KR.LhypTX.Ft	Mixed kelps and seaweeds on upper infralittoral mixed substrata	6	230	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A3.2132	[Laminaria hyperborea] park and foliose red seaweeds on tide-swept lower infralittoral mixed substrata	A3.2132	[Laminaria hyperborea] park and foliose red seaweeds on tide-swept lower infralittoral mixed substrata	S	IR.MIR.KR.LhypTX.Pk	Mixed kelp park on lower infralittoral mixed substrata.	6	231	<	Reefs					May occur in UKBAP type	Tide-swept channels

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5	A3.214	[Laminaria hyperborea] and foliose red seaweeds on moderately exposed infralittoral rock	A3.214	[Laminaria hyperborea] and foliose red seaweeds on moderately exposed infralittoral rock	S	IR.MIR.KR.Lhyp	Laminaria hyperborea and foliose red seaweeds on moderately exposed infralittoral rock	5	232	<	Reefs						
6	A3.2141	[Laminaria hyperborea] forest and foliose red seaweeds on moderately exposed upper infralittoral rock	A3.2141	[Laminaria hyperborea] forest and foliose red seaweeds on moderately exposed upper infralittoral rock	S	IR.MIR.KR.Lhyp.Ft	Laminaria hyperborea forest and foliose red seaweeds on moderately exposed upper infralittoral rock	6	233	<	Reefs						
6	A3.2142	[Laminaria hyperborea] park and foliose red seaweeds on moderately exposed lower infralittoral rock	A3.2142	[Laminaria hyperborea] park and foliose red seaweeds on moderately exposed lower infralittoral rock	S	IR.MIR.KR.Lhyp.Pk	Laminaria hyperborea park and foliose red seaweeds on moderately exposed lower infralittoral rock	6	234	<	Reefs						
6	A3.2143	Grazed [Laminaria hyperborea] forest with coralline crusts on upper infralittoral rock	A3.2143	Grazed [Laminaria hyperborea] forest with coralline crusts on upper infralittoral rock	S	IR.MIR.KR.Lhyp.GzFt	Grazed *Laminaria hyperborea* forest with coralline crusts on upper infralittoral rock	6	235	<	Reefs						
6	A3.2144	Grazed [Laminaria hyperborea] park with coralline crusts on lower infralittoral rock	A3.2144	Grazed [Laminaria hyperborea] park with coralline crusts on lower infralittoral rock	S	IR.MIR.KR.Lhyp.GzPk	Grazed *Laminaria hyperborea* park with coralline crusts on lower infralittoral rock	6	236	<	Reefs						
6	A3.2145	[Sabellaria spinulosa] with kelp and red seaweeds on sand-influenced infralittoral rock	A3.215	[Sabellaria spinulosa] with kelp and red seaweeds on sand-influenced infralittoral rock	S	IR.MIR.KR.Lhyp.Sab	Sabellaria spinulosa with kelp and red seaweeds on sand-influenced infralittoral rock	6	237	<	Reefs						
5	A3.215	Dense foliose red seaweeds on silty moderately exposed infralittoral rock	A3.216	Dense foliose red seaweeds on silty moderately exposed infralittoral rock	S	IR.MIR.KR.XFoR	Dense foliose red seaweeds on silty moderately exposed infralittoral rock	5	238	<	Reefs						
5	A3.216	[Laminaria hyperborea] on moderately exposed vertical rock	A3.217	[Laminaria hyperborea] on moderately exposed vertical rock	S	IR.MIR.KR.LhypVt	Laminaria hyperborea on moderately exposed vertical rock.	5	239	<	Reefs						
5	A3.217	[Hiatella arctica] and seaweeds on vertical limestone / chalk	A3.218	[Hiatella arctica] and seaweeds on vertical limestone / chalk	S	IR.MIR.KR.HiaSw	Hiatella arctica with seaweeds on vertical limestone / chalk.	5	240	<	Reefs					May occur in UKBAP type	Subtidal chalk
4	**A3.22**	**Kelp and seaweed communities in tide-swept sheltered conditions**	**A3.22**	**Kelp and seaweed communities in tide-swept sheltered conditions**	S	**IR.MIR.KT**	**Kelp and seaweed communities in tide-swept sheltered conditions**	**4**	**241**	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A3.221	[Laminaria digitata], ascidians and bryozoans on tide-swept sublittoral fringe rock	A3.221	[Laminaria digitata], ascidians and bryozoans on tide-swept sublittoral fringe rock	S	IR.MIR.KT.LdigT	Laminaria digitata, ascidians and bryozoans on tide-swept sublittoral fringe rock	5	242	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A3.222	Mixed kelp with foliose red seaweeds, sponges and ascidians on sheltered tide-swept infralittoral rock	A3.222	Mixed kelp with foliose red seaweeds, sponges and ascidians on sheltered tide-swept infralittoral rock	S	IR.MIR.KT.XKT	Mixed kelp with foliose red seaweeds, sponges and ascidians on sheltered tide-swept infralittoral rock	5	243	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A3.223	Mixed kelp and red seaweeds on infralittoral boulders, cobbles and gravel in tidal rapids	A3.223	Mixed kelp and red seaweeds on infralittoral boulders, cobbles and gravel in tidal rapids	S	IR.MIR.KT.XKTX	Mixed kelp and red seaweeds on infralittoral boulders, cobbles and gravel in tidal rapids	5	244	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A3.224	[Laminaria saccharina] with foliose red seaweeds and ascidians on sheltered tide-swept infralittoral rock	A3.224	[Laminaria saccharina] with foliose red seaweeds and ascidians on sheltered tide-swept infralittoral rock	S	IR.MIR.KT.LsacT	Laminaria saccharina with foliose red seaweeds and ascidians on sheltered tide-swept infralittoral rock	5	245	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A3.225	Filamentous red seaweeds, sponges and [Balanus crenatus] on tide-swept variable-salinity infralittoral rock	A3.225	Filamentous red seaweeds, sponges and [Balanus crenatus] on tide-swept variable-salinity infralittoral rock	S	IR.MIR.KT.FilRVS	Filamentous red seaweeds, sponges and *Balanus crenatus* on tide-swept variable-salinity infralittoral rock	5	246	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A3.226	[Halopteris filicina] with coralline crusts on moderately exposed infralittoral rock	A3.241	[Halopteris filicina] with coralline crusts on moderately exposed infralittoral rock						<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
4	**A3.23**	**Mediterranean communities of infralittoral algae moderately exposed to wave action**	**A3.23**	**Mediterranean communities of infralittoral algae moderately exposed to wave action**						<	Reefs						
5	A3.231	Association with [Codium vermilara] and [Rhodymenia ardissonei]	A3.231	Association with [Codium vermilara] and [Rhodymenia ardissonei]						<	Reefs						
5	A3.232	Association with [Dasycladus vermicularis]	A3.232	Association with [Dasycladus vermicularis]						<	Reefs						
5	A3.233	Association with [Alsidium helminthochorton]	A3.233	Association with [Alsidium helmenthochorton]						<	Reefs						
5	A3.234	Association with [Cystoseira tamariscifolia] and [Saccorhiza polyschides]	A3.234	Association with [Cystoseira tamariscifolia] and [Saccorhiza polyschides]						<	Reefs						
5	A3.235	Association with [Gelidium spinosum v. hystrix]	A3.235	Association with [Gelidium spinosum v. hystrix]						<	Reefs						
5	A3.236	Association with [Lobophora variegata]	A3.236	Association with [Lobophora variegata]						<	Reefs						
5	A3.237	Association with [Ceramium rubrum]	A3.237	Association with [Ceramium rubrum]						<	Reefs						
5	A3.238	Facies with [Cladocora caespitosa]	A3.238	Facies with [Cladocora caespitosa]						<	Reefs						
5	A3.239	Association with [Cystoseira brachycarpa]	A3.239	Association with [Cystoseira brachycarpa]						<	Reefs						
5	A3.23A	Association with [Cystoseira crinita]	A3.23A	Association with [Cystoseira crinita]						<	Reefs						
5	A3.23B	Association with [Cystoseira crinitophylla]	A3.23B	Association with [Cystoseira crinitophylla]						<	Reefs						
5	A3.23C	Association with [Cystoseira sauvageauana]	A3.23C	Association with [Cystoseira sauvageauana]						<	Reefs						
5	A3.23D	Association with [Cystoseira spinosa]	A3.23D	Association with [Cystoseira spinosa]						<	Reefs						
5	A3.23E	Association with [Sargassum vulgaris]	A3.23E	Association with [Sargassum vulgaris]						<	Reefs						
5	A3.23F	Association with [Dictyopteris polypodioides]	A3.23F	Association with [Dictyopteris polypodioides]						<	Reefs						
5	A3.23G	Association with [Calpomenia sinuosa]	A3.23G	Association with [Calpomenia sinuosa]						<	Reefs						
5	A3.23H	Association with [Rhodymenia ardissonei] and [Rhodophyllis divaricata]	A3.23H	Association with [Rhodymenia ardissonei] and [Rhodophyllis divaricata]						<	Reefs						
5	A3.23I	Facies with [Astroides calycularis]	A3.23I	Facies with [Astroides calycularis]						<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A3.23J	Association with [Flabellia petiolata] and [Peyssonnelia squamaria]	A3.23J	Association with [Flabellia petiolata] and [Peyssonnelia squamaria]						<	Reefs						
5	A3.23K	Association with [Halymenia floresia] and [Halarachnion ligatatum]	A3.23K	Association with [Halymenia floresia] and [Halarachnion ligatatum]						<	Reefs						
5	A3.23L	Association with [Peyssonnelia rubra] and [Peyssonnelia] spp.	A3.23L	Association with [Peyssonnelia rubra] and [Peyssonnelia] spp.						<	Reefs						
4	**A3.24**	**Faunal communities on moderate energy infralittoral rock**	**A3.24**	**Faunal communities on moderate energy infralittoral rock**						<	Reefs						
3	**A3.3**	**Atlantic and Mediterranean low energy infralittoral rock**	**A3.3**	**Atlantic and Mediterranean low energy infralittoral rock**	=	**IR.LIR**	**Low energy infralittoral rock**	**3**	**247**	<	Reefs						
4	**A3.31**	**Silted kelp on low energy infralittoral rock with full salinity**	**A3.31**	**Silted kelp on low energy infralittoral rock with full salinity**	S	**IR.LIR.K**	**Silted kelp communities (sheltered infralittoral rock)**	**4**	**248**	<	Reefs						
5	A3.311	Mixed [Laminaria hyperborea] and [Laminaria ochroleuca] forest on moderately exposed or sheltered infralittoral rock	A3.311	Mixed [Laminaria hyperborea] and [Laminaria ochroleuca] forest on moderately exposed or sheltered infralittoral rock	S	IR.LIR.K.LhypLoch	Mixed L*aminaria hyperborea* and *Laminaria ochroleuca* forest on moderately exposed or sheltered infralittoral rock	5	249	<	Reefs	Typical of	Large shallow inlets and bays				
5	A3.312	Mixed [Laminaria hyperborea] and [Laminaria saccharina] on sheltered infralittoral rock	A3.312	Mixed [Laminaria hyperborea] and [Laminaria saccharina] on sheltered infralittoral rock	S	IR.LIR.K.LhypLsac	Mixed Laminaria hyperborea and Laminaria saccharina on sheltered infralittoral rock	5	250	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3121	Mixed [Laminaria hyperborea] and [Laminaria saccharina] forest on sheltered upper infralittoral rock	A3.3121	Mixed [Laminaria hyperborea] and [Laminaria saccharina] forest on sheltered upper infralittoral rock	S	IR.LIR.K.LhypLsac.Ft	Mixed *Laminaria hyperborea* and *Laminaria saccharina* forest on sheltered upper infralittoral rock	6	251	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3122	Mixed [Laminaria hyperborea] and [Laminaria saccharina] park on sheltered lower infralittoral rock	A3.3122	Mixed [Laminaria hyperborea] and [Laminaria saccharina] park on sheltered lower infralittoral rock	S	IR.LIR.K.LhypLsac.Pk	Mixed *Laminaria hyperborea* and *Laminaria saccharina* park on sheltered lower infralittoral rock	6	252	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3123	Grazed, mixed [Laminaria hyperborea] and [Laminaria saccharina] on sheltered infralittoral rock	A3.3123	Grazed, mixed [Laminaria hyperborea] and [Laminaria saccharina] on sheltered infralittoral rock	S	IR.LIR.K.LhypLsac.Gz	Grazed, mixed *Laminaria hyperborea* and *Laminaria saccharina* on sheltered infralittoral rock	6	253	<	Reefs	Typical of	Large shallow inlets and bays				
5	A3.313	[Laminaria saccharina] on very sheltered infralittoral rock	A3.313	[Laminaria saccharina] on very sheltered infralittoral rock	S	IR.LIR.K.Lsac	Laminaria saccharina on very sheltered infralittoral rock	5	254	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3131	[Laminaria saccharina] and [Laminaria digitata] on sheltered sublittoral fringe rock	A3.3131	[Laminaria saccharina] and [Laminaria digitata] on sheltered sublittoral fringe rock	S	IR.LIR.K.Lsac.Ldig	Laminaria saccharina and *Laminaria digitata* on sheltered sublittoral fringe rock	6	255	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3132	[Laminaria saccharina] forest on very sheltered upper infralittoral rock	A3.3132	[Laminaria saccharina] forest on very sheltered upper infralittoral rock	S	IR.LIR.K.Lsac.Ft	Laminaria saccharina forest on very sheltered upper infralittoral rock	6	256	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3133	[Laminaria saccharina] park on very sheltered lower infralittoral rock	A3.3133	[Laminaria saccharina] park on very sheltered lower infralittoral rock	S	IR.LIR.K.Lsac.Pk	Laminaria saccharina park on very sheltered lower infralittoral rock	6	257	<	Reefs	Typical of	Large shallow inlets and bays				
6	A3.3134	Grazed [Laminaria saccharina] with [Echinus], brittlestars and coralline crusts on sheltered infralittoral rock	A3.3134	Grazed [Laminaria saccharina] with [Echinus], brittlestars and coralline crusts on sheltered infralittoral rock	S	IR.LIR.K.Lsac.Gz	Grazed *Laminaria saccharina* with *Echinus* , brittlestars and coralline crusts on sheltered infralittoral rock	6	258	<	Reefs	Typical of	Large shallow inlets and bays				
5	A3.314	Silted cape-form [Laminaria hyperborea] on very sheltered infralittoral rock	A3.314	Silted cape-form [Laminaria hyperborea] on very sheltered infralittoral rock	S	IR.LIR.K.LhypCape	Silted cape-form *Laminaria hyperborea* on very sheltered infralittoral rock	5	259	<	Reefs	Typical of	Large shallow inlets and bays				
5	A3.315	[Sargassum muticum] on shallow slightly tide-swept infralittoral mixed substrata	A3.315	[Sargassum muticum] on shallow slightly tide-swept infralittoral mixed substrata	S	IR.LIR.K.Sar	Sargassum muticum on shallow slightly tide-swept infralittoral mixed substrata	5	260	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
4	**A3.32**	**Kelp in variable salinity on low energy infralittoral rock**	**A3.32**	**Kelp in variable salinity on low energy infralittoral rock**	S	**IR.LIR.KVS**	**Kelp in variable or reduced salinity**	**4**	**261**	<	Reefs	Typical of	Large shallow inlets and bays				
5	A3.321	[Codium] spp. with red seaweeds and sparse [Laminaria saccharina] on shallow, heavily-silted, very sheltered infralittoral rock	A3.321	[Codium] spp. with red seaweeds and sparse [Laminaria saccharina] on shallow, heavily-silted, very sheltered infralittoral rock	S	IR.LIR.KVS.Cod	Codium spp. with red seaweeds and sparse *Laminaria saccharina* on shallow, heavily-silted, very sheltered infralittoral rock	5	262	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
5	A3.322	[Laminaria saccharina] and [Psammechinus miliaris] on variable salinity grazed infralittoral rock	A3.322	[Laminaria saccharina] and [Psammechinus miliaris] on variable salinity grazed infralittoral rock	S	IR.LIR.KVS.LsacPsaVS	Laminaria saccharina and *Psammechinus miliaris* on variable salinity grazed infralittoral rock	5	263	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
5	A3.323	[Laminaria saccharina] with [Phyllophora] spp. and filamentous green seaweeds on variable or reduced salinity infralittoral rock	A3.323	[Laminaria saccharina] with [Phyllophora] spp. and filamentous green seaweeds on variable or reduced salinity infralittoral rock	S	IR.LIR.KVS.LsacPhyVS	Laminaria saccharina with *Phyllophora* spp. and filamentous green seaweeds on variable or reduced salinity infralittoral rock	5	264	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
4	**A3.33**	**Mediterranean submerged fucoids, green or red seaweeds on full salinity infralittoral rock**	**A3.33**	**Mediterranean submerged fucoids, green or red seaweeds on full salinity infralittoral rock**						<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
5	A3.331	Association with [Stypocaulon scoparium] (=[Halopteris scoparia])	A3.331	Association with [Stypocaulon scoparium] (=[Halopteris scoparia])						<	Reefs						
5	A3.332	Association with [Trichosolen myura] and [Liagora farinosa]	A3.332	Association with [Trichosolen myura] and [Liagora farinosa]						<	Reefs						
5	A3.333	Association with [Cystoseira compressa]	A3.333	Association with [Cystoseira compressa]						<	Reefs						
5	A3.334	Association with [Pterocladiella capillacea] and [Ulva laetevirens]	A3.334	Association with [Pterocladiella capillacea] and [Ulva laetevirens]						<	Reefs						
5	A3.335	Facies with large Hydrozoa	A3.335	Facies with large Hydrozoa						<	Reefs						
5	A3.336	Association with [Pterothamnion crispum] and [Compsothamnion thuyoides]	A3.336	Association with [Pterothamnion crispum] and [Compsothamnion thuyoides]						<	Reefs						
4	**A3.34**	**Submerged fucoids, green or red seaweeds (low salinity infralittoral rock)**	**A3.34**	**Submerged fucoids, green or red seaweeds (low salinity infralittoral rock)**	S	**IR.LIR.Lag**	**Submerged fucoids, green or red seaweeds (low salinity infralittoral rock)**	**4**	**269**	<	Reefs					Typical of	Saline lagoons
5	A3.341	Mixed fucoids, [Chorda filum] and green seaweeds on reduced salinity infralittoral rock	A3.341	Mixed fucoids, [Chorda filum] and green seaweeds on reduced salinity infralittoral rock	S	IR.LIR.Lag.FChoG	Mixed fucoids, Chorda filum and green seaweeds on reduced salinity infralittoral rock	5	271	<	Reefs	Typical of	Lagoons			Typical of	Saline lagoons

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A3.342	[Ascophyllum nodosum] and epiphytic sponges and ascidians on variable salinity infralittoral rock	A3.342	[Ascophyllum nodosum] and epiphytic sponges and ascidians on variable salinity infralittoral rock	S	IR.LIR.Lag.AscSpAs	Ascophyllum nodosum with epiphytic sponges and ascidians on variable salinity infralittoral rock	5	270	<	Reefs	Typical of	Lagoons			Typical of	Saline lagoons
5	A3.343	[Polyides rotundus] and/or [Furcellaria lumbricalis] on reduced salinity infralittoral rock	A3.343	[Polyides rotundus] and/or [Furcellaria lumbricalis] on reduced salinity infralittoral rock	S	IR.LIR.Lag.ProtFur	Polyides rotundus and/or *Furcellaria lumbricalis* on reduced salinity infralittoral rock	5	272	<	Reefs	Typical of	Lagoons			Typical of	Saline lagoons
5	A3.344	[Fucus ceranoides] and [Enteromorpha] spp. on low salinity infralittoral rock	A3.344	[Fucus ceranoides] and [Enteromorpha] spp. on low salinity infralittoral rock	S	IR.LIR.Lag.FcerEnt	Fucus ceranoides and *Enteromorpha* spp. on low salinity infralittoral rock	5	273	<	Reefs	Typical of	Lagoons			Typical of	Saline lagoons
5	A3.345	[Codium elisabethae], [Halopteris filicina] and coralline crusts on sheltered infralittoral bedrock	A3.351	[Codium elisabethae], [Halopteris filicina] and coralline crusts on sheltered infralittoral bedrock						<	Reefs	Typical of	Lagoons				
4	**A3.35**	**Faunal communities on low energy infralittoral rock**	**A3.35**	**Faunal communities on low energy infralittoral rock**						<	Reefs						
4	**A3.36**	**Faunal communities on variable or reduced salinity infralittoral rock**	**A3.36**	**Faunal communities on variable or reduced salinity infralittoral rock**	S	**IR.LIR.IFaVS**	**Faunal communities on variable or reduced salinity infralittoral rock**	**4**	**265**	<	Reefs						
5	A3.361	[Mytilus edulis] beds on reduced salinity infralittoral rock	A3.361	[Mytilus edulis] beds on reduced salinity infralittoral rock	S	IR.LIR.IFaVS.MytRS	Mytilus edulis beds on reduced salinity tide-swept infralittoral rock	5	266	<	Reefs	Typical of	Estuaries				
5	A3.362	[Cordylophora caspia] and [Electra crustulenta] on reduced salinity infralittoral rock	A3.362	[Cordylophora caspia] and [Electra crustulenta] on reduced salinity infralittoral rock	S	IR.LIR.IFaVS.CcasEle	Cordylophora caspia and *Electra crustulenta* on reduced salinity infralittoral rock	5	267	<	Reefs	Typical of	Estuaries				
5	A3.363	[Hartlaubella gelatinosa] and [Conopeum reticulum] on low salinity infralittoral mixed substrata	A3.363	[Hartlaubella gelatinosa] and [Conopeum reticulum] on low salinity infralittoral mixed substrata	S	IR.LIR.IFaVS.HarCon	Hartlaubella gelatinosa and *Conopeum reticulum* on low salinity infralittoral mixed substrata	5	268	<	Reefs	Typical of	Estuaries				
3	**A3.4**	**Baltic exposed infralittoral rock**	**A3.4**	**Baltic exposed infralittoral rock**						<	Reefs	Typical of	Estuaries				
3	**A3.5**	**Baltic moderately exposed infralittoral rock**	**A3.5**	**Baltic moderately exposed infralittoral rock**						<	Reefs						
3	**A3.6**	**Baltic sheltered infralittoral rock**	**A3.6**	**Baltic sheltered infralittoral rock**						<	Reefs						
3	**A3.7**	**Features of infralittoral rock**	**A3.7**	**Features of infralittoral rock**	=	**IR.FIR**	**Features of infralittoral rock**	**3**	**274**	May occur in Annex I type	Reefs, Submerged or partially submerged sea caves						
4	**A3.71**	**Robust faunal cushions and crusts in surge gullies and caves**	**A3.71**	**Robust faunal cushions and crusts in surge gullies and caves**	S	**IR.FIR.SG**	**Infralittoral surge gullies and caves**	**4**	**275**	< Sub-types, if occurring outside caves, correspond to Reef habitat	Submerged or partially submerged sea caves						
5	A3.711	Foliose seaweeds and coralline crusts in surge gully entrances	A3.711	Foliose seaweeds and coralline crusts in surge gully entrances	S	IR.FIR.SG.FoSwCC	Foliose seaweeds and coralline crusts in surge gully entrances	5	276	<	Submerged or partially submerged sea caves						
5	A3.712	Anemones, including [Corynactis viridis,] crustose sponges and colonial ascidians on very exposed or wave surged vertical infralittoral rock	A3.712	Anemones, including [Corynactis viridis,] crustose sponges and colonial ascidians on very exposed or wave surged vertical infralittoral rock	S	IR.FIR.SG.CrSpAsAn	Anemones, including *Corynactis viridis* , crustose sponges and colonial ascidians on very exposed or wave surged vertical infralittoral rock	5	277	<	Submerged or partially submerged sea caves						
5	A3.713	Crustose sponges and colonial ascidians with [Dendrodoa grossularia] or barnacles on wave-surged infralittoral rock	A3.713	Crustose sponges and colonial ascidians with [Dendrodoa grossularia] or barnacles on wave-surged infralittoral rock	S	IR.FIR.SG.CrSpAsDenB	Crustose sponges and colonial ascidians with *Dendrodoa grossularia* or barnacles on wave-surged infralittoral rock	5	278	<	Submerged or partially submerged sea caves						
5	A3.714	[Dendrodoa grossularia] and [Clathrina coriacea] on wave-surged vertical infralittoral rock	A3.714	[Dendrodoa grossularia] and [Clathrina coriacea] on wave-surged vertical infralittoral rock	S	IR.FIR.SG.DenCcor	Dendrodoa grossularia and *Clathrina coriacea* on wave-surged vertical infralittoral rock	5	279	<	Submerged or partially submerged sea caves						
5	A3.715	Crustose sponges on extremely wave-surged infralittoral cave or gully walls	A3.715	Crustose sponges on extremely wave-surged infralittoral cave or gully walls	S	IR.FIR.SG.CrSp	Crustose sponges on extremely wave-surged infralittoral cave or gully walls	5	280	<	Submerged or partially submerged sea caves						
5	A3.716	Coralline crusts in surge gullies and scoured infralittoral rock	A3.716	Coralline crusts in surge gullies and scoured infralittoral rock	S	IR.FIR.SG.CC	Coralline crusts in surge gullies and scoured infralittoral rock	5	281	<	Submerged or partially submerged sea caves						
6	A3.7161	[Balanus crenatus] and/or [Pomatoceros triqueter] with spirorbid worms and coralline crusts on severely scoured vertical infralittoral rock	A3.7161	[Balanus crenatus] and/or [Pomatoceros triqueter] with spirorbid worms and coralline crusts on severely scoured vertical infralittoral rock	S	IR.FIR.SG.CC.BalPom	Balanus crenatus and/or *Pomatoceros triqueter* with spirorbid worms and coralline crusts on severely scoured vertical infralittoral rock	6	282	<	Submerged or partially submerged sea caves						
6	A3.7162	Coralline crusts and crustaceans on mobile boulders or cobbles in surge gullies	A3.7162	Coralline crusts and crustaceans on mobile boulders or cobbles in surge gullies	S	IR.FIR.SG.CC.Mo	Coralline crusts and crustaceans on mobile boulders or cobbles in surge gullies	6	283	<	Submerged or partially submerged sea caves						
4	**A3.72**	**Infralittoral fouling seaweed communities**	**A3.72**	**Infralittoral fouling seaweed communities**	S	**IR.FIR.IFou**	**Infralittoral fouling seaweed communities**	**4**	**284**								
4	**A3.73**	**Vents and seeps in infralittoral rock**	**A3.73**	**Vents and seeps in infralittoral rock**													
5	A3.731	Freshwater seeps in infralittoral rock	A3.731	Freshwater seeps in infralittoral rock													
5	A3.732	Oil seeps in infralittoral rock	A3.732	Oil seeps in infralittoral rock													
5	A3.733	Vents in infralittoral rock	A3.733	Vents in infralittoral rock													
2	**A4**	**Circalittoral rock and other hard substrata**	**A4**	**Circalittoral rock and other hard substrata**	=	**CR**	**Circalittoral rock (and other hard substrata)**	**2**	**285**	<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**A4.1**	**Atlantic and Mediterranean high energy circalittoral rock**	**A4.1**	**Atlantic and Mediterranean high energy circalittoral rock**	=	**CR.HCR**	**High energy circalittoral rock**	**3**	**286**	<	Reefs						
4	**A4.11**	**Very tide-swept faunal communities on circalittoral rock**	**A4.11**	**Very tide-swept faunal communities on circalittoral rock**	S	**CR.HCR.FaT**	**Very tide-swept faunal communities**	**4**	**287**	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A4.111	[Balanus crenatus] and [Tubularia indivisa] on extremely tide-swept circalittoral rock	A4.111	[Balanus crenatus] and [Tubularia indivisa] on extremely tide-swept circalittoral rock	S	CR.HCR.FaT.BalTub	Balanus crenatus and *Tubularia indivisa* on extremely tide-swept circalittoral rock	5	288	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A4.112	[Tubularia indivisa] on tide-swept circalittoral rock	A4.112	[Tubularia indivisa] on tide-swept circalittoral rock	S	CR.HCR.FaT.CTub	Tubularia indivisa on tide-swept circalittoral rock	5	289	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A4.1121	[Tubularia indivisa] and cushion sponges on tide-swept turbid circalittoral bedrock	A4.1121	[Tubularia indivisa] and cushion sponges on tide-swept turbid circalittoral bedrock	S	CR.HCR.FaT.CTub.CuSp	Tubularia indivisa and cushion sponges on tide-swept turbid circalittoral bedrock	6	290	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A4.1122	[Alcyonium digitatum] with dense [Tubularia indivisa] and anemones on strongly tide-swept circalittoral rock	A4.1122	[Alcyonium digitatum] with dense [Tubularia indivisa] and anemones on strongly tide-swept circalittoral rock	S	CR.HCR.FaT.CTub.Adig	Alcyonium digitatum with dense *Tubularia indivisa* and anemones on strongly tide-swept circalittoral rock	6	291	<	Reefs					May occur in UKBAP type	Tide-swept channels
4	**A4.12**	**Sponge communities on deep circalittoral rock**	**A4.12**	**Sponge communities on deep circalittoral rock**	S	**CR.HCR.DpSp**	**Deep sponge communities**	**4**	**292**	<	Reefs						
5	A4.121	[Phakellia ventilabrum] and axinellid sponges on deep, wave-exposed circalittoral rock	A4.121	[Phakellia ventilabrum] and axinellid sponges on deep, wave-exposed circalittoral rock	S	CR.HCR.DpSp.PhaAxi	Phakellia ventilabrum and Axinellid sponges on deep, wave-exposed circalittoral rock	5	293	<	Reefs					<	Fragile sponge and anthozoan communities on subtidal rocky habitats
4	**A4.13**	**Mixed faunal turf communities on circalittoral rock**	**A4.13**	**Mixed faunal turf communities on circalittoral rock**	S	**CR.HCR.XFa**	**Mixed faunal turf communities**	**4**	**294**	<	Reefs						
5	A4.131	Bryozoan turf and erect sponges on tide-swept circalittoral rock	A4.131	Bryozoan turf and erect sponges on tide-swept circalittoral rock	S	CR.HCR.XFa.ByErSp	Bryozoan turf and erect sponges on tide-swept circalittoral rock	5	295	<	Reefs					<	Fragile sponge and anthozoan communities on subtidal rocky habitats
6	A4.1311	[Eunicella verrucosa] and [Pentapora foliacea] on wave-exposed circalittoral rock	A4.1311	[Eunicella verrucosa] and [Pentapora foliacea] on wave-exposed circalittoral rock	S	CR.HCR.XFa.ByErSp.Eun	Eunicella verrucosa and *Pentapora foliacea* on wave-exposed circalittoral rock	6	296	<	Reefs					<	Fragile sponge and anthozoan communities on subtidal rocky habitats
6	A4.1312	Mixed turf of bryozoans and erect sponges with [Dysidia fragilis] and [Actinothoe sphyrodeta] on tide-swept wave-exposed circalittoral rock	A4.1312	Mixed turf of bryozoans and erect sponges with [Dysidia fragilis] and [Actinothoe sphyrodeta] on tide-swept wave-exposed circalittoral rock	S	CR.HCR.XFa.ByErSp.DysAct	Mixed turf of bryozoans and erect sponges with *Dysidia fragilis* and *Actinothoe sphyrodeta* on tide-swept wave-exposed circalittoral rock	6	297	<	Reefs					<	Fragile sponge and anthozoan communities on subtidal rocky habitats
6	A4.1313	Mixed turf of bryozoans and erect sponges with [Sagartia elegans] on tide-swept ciraclittoral rock	A4.1313	Mixed turf of bryozoans and erect sponges with [Sagartia elegans] on tide-swept ciraclittoral rock	S	CR.HCR.XFa.ByErSp.Sag	Mixed turf of bryozoans and erect sponges with *Sagartia elegans* on tide-swept ciraclittoral rock	6	298	<	Reefs						
5	A4.132	[Corynactis viridis] and a mixed turf of crisiids, [Bugula], [Scrupocellaria], and [Cellaria] on moderately tide-swept exposed circalittoral rock	A4.132	[Corynactis viridis] and a mixed turf of crisiids, [Bugula], [Scrupocellaria], and [Cellaria] on moderately tide-swept exposed circalittoral rock	S	CR.HCR.XFa.CvirCri	Corynactis viridis and a mixed turf of crisiids, *Bugula, Scrupocellaria* , and *Cellaria* on moderately tide-swept exposed circalittoral rock	5	299	<	Reefs						
5	A4.133	Mixed turf of hydroids and large ascidians with [Swiftia pallida] and [Caryophyllia smithii] on weakly tide-swept circalittoral rock	A4.133	Mixed turf of hydroids and large ascidians with [Swiftia pallida] and [Caryophyllia smithii] on weakly tide-swept circalittoral rock	S	CR.HCR.XFa.SwiLgAs	Mixed turf of hydroids and large ascidians with *Swiftia pallida* and *Caryophyllia smithii* on weakly tide-swept circalittoral rock	5	300	<	Reefs					<	Fragile sponge and anthozoan communities on subtidal rocky habitats
5	A4.134	[Flustra foliacea] and colonial ascidians on tide-swept moderately wave-exposed circalittoral rock	A4.134	[Flustra foliacea] and colonial ascidians on tide-swept moderately wave-exposed circalittoral rock	S	CR.HCR.XFa.FluCoAs	Flustra foliacea and colonial ascidians on tide-swept moderately wave-exposed circalittoral rock	5	301	<	Reefs						
6	A4.1341	[Polyclinum aurantium] and [Flustra foliacea] on sand-scoured tide-swept moderately wave-exposed circalittoral rock	A4.1341	[Polyclinum aurantium] and [Flustra foliacea] on sand-scoured tide-swept moderately wave-exposed circalittoral rock	S	CR.HCR.XFa.FluCoAs.Paur	Polyclinum aurantium and *Flustra foliacea* on sand-scoured tide-swept moderately wave-exposed circalittoral rock	6	302	<	Reefs						
6	A4.1342	[Flustra foliacea], small solitary and colonial ascidians on tide-swept circalittoral bedrock or boulders	A4.1342	[Flustra foliacea], small solitary and colonial ascidians on tide-swept circalittoral bedrock or boulders	S	CR.HCR.XFa.FluCoAs.SmAs	Flustra foliacea, small solitary and colonial ascidians on tide-swept circalittoral bedrock or boulders	6	303	<	Reefs						
6	A4.1343	[Flustra foliacea] and colonial ascidians on tide-swept exposed circalittoral mixed substrata	A4.1343	[Flustra foliacea] and colonial ascidians on tide-swept exposed circalittoral mixed substrata	S	CR.HCR.XFa.FluCoAs.X	Flustra foliacea and colonial ascidians on tide-swept exposed circalittoral mixed substrata	6	304	<	Reefs						
5	A4.135	Sparse sponges, [Nemertesia] spp., and [Alcyonidium diaphanum] on circalittoral mixed substrata	A4.135	Sparse sponges, [Nemertesia] spp., and [Alcyonidium diaphanum] on circalittoral mixed substrata	S	CR.HCR.XFa.SpNemAdia	Sparse sponges, *Nemertesia* spp. and *Alcyonidium diaphanum* on circalittoral mixed substrata	5	305	<	Reefs						
5	A4.136	[Suberites] spp. with a mixed turf of crisiids and [Bugula] spp. on heavily silted moderately wave-exposed shallow circalittoral rock	A4.136	[Suberites] spp. with a mixed turf of crisiids and [Bugula] spp. on heavily silted moderately wave-exposed shallow circalittoral rock	S	CR.HCR.XFa.SubCriTf	Suberites spp. with a mixed turf of crisiids and *Bugula* spp. on heavily silted moderately wave-exposed shallow circalittoral rock	5	306	<	Reefs						
5	A4.137	[Flustra foliacea] and [Haliclona oculata] with a rich faunal turf on tide-swept circalittoral mixed substrata	A4.137	[Flustra foliacea] and [Haliclona oculata] with a rich faunal turf on tide-swept circalittoral mixed substrata	S	CR.HCR.XFa.FluHocu	Flustra foliacea and *Haliclona oculata* with a rich faunal turf on tide-swept circalittoral mixed substrata	5	307	<	Reefs						
5	A4.138	[Molgula manhattensis] with a hydroid and bryozoan turf on tide-swept moderately wave-exposed circalittoral rock	A4.138	[Molgula manhattensis] with a hydroid and bryozoan turf on tide-swept moderately wave-exposed circalittoral rock	S	CR.HCR.XFa.Mol	Molgula manhattensis with a hydroid and bryozoan turf on tide-swept moderately wave-exposed circalittoral rock	5	308	<	Reefs						
5	A4.139	Sponges and anemones on vertical circalittoral bedrock	A4.139	Sponges and anemones on vertical circalittoral bedrock	S	CR.HCR.XFa.SpAnVt	Sponges and anemones on vertical circalittoral bedrock	5	309	<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**A4.2**	**Atlantic and Mediterranean moderate energy circalittoral rock**	**A4.2**	**Atlantic and Mediterranean moderate energy circalittoral rock**	=	**CR.MCR**	**Moderate energy circalittoral rock**	**3**	**310**	<	Reefs						
4	**A4.21**	**Echinoderms and crustose communities on circalittoral rock**	**A4.21**	**Echinoderms and crustose communities on circalittoral rock**	S	**CR.MCR.EcCr**	**Echinoderms and crustose communities**	**4**	**311**	<	Reefs						
5	A4.211	[Caryophyllia smithii] and [Swiftia pallida] on circalittoral rock	A4.211	[Caryophyllia smithii] and [Swiftia pallida] on circalittoral rock	S	CR.MCR.EcCr.CarSwi	Caryophyllia smithii and Swiftia pallida on circalittoral rock	5	312	<	Reefs					May occur in UKBAP type	Fragile sponge and anthozoan communities on subtidal rocky habitats
6	A4.2111	[Caryophyllia smithii], [Swiftia pallida] and [Alcyonium glomeratum] on wave-sheltered circalittoral rock	A4.2111	[Caryophyllia smithii], [Swiftia pallida] and [Alcyonium glomeratum] on wave-sheltered circalittoral rock	S	CR.MCR.EcCr.CarSwi.Aglo	Caryophyllia smithii, Swiftia pallida and *Alcyonium glomeratum* on wave-sheltered circalittoral rock	6	313	<	Reefs					May occur in UKBAP type	Fragile sponge and anthozoan communities on subtidal rocky habitats
6	A4.2112	[Caryophyllia smithii], [Swiftia pallida] and large solitary ascidians on exposed or moderately exposed circalittoral rock	A4.2112	[Caryophyllia smithii], [Swiftia pallida] and large solitary ascidians on exposed or moderately exposed circalittoral rock	S	CR.MCR.EcCr.CarSwi.LgAs	Caryophyllia smithii, Swiftia pallida and large solitary ascidians on exposed or moderately exposed circalittoral rock	6	314	<	Reefs					May occur in UKBAP type	Fragile sponge and anthozoan communities on subtidal rocky habitats
5	A4.212	[Caryophyllia smithii], sponges and crustose communities on wave-exposed circalittoral rock	A4.212	[Caryophyllia smithii], sponges and crustose communities on wave-exposed circalittoral rock	S	CR.MCR.EcCr.CarSp	Caryophyllia smithii, sponges and crustose communities on wave-exposed circalittoral rock	5	315	<	Reefs						
6	A4.2121	Brittlestars overlying coralline crusts, [Parasmittina trispinosa] and [Caryophyllia smithii] on wave-exposed circalittoral rock	A4.2121	Brittlestars overlying coralline crusts, [Parasmittina trispinosa] and [Caryophyllia smithii] on wave-exposed circalittoral rock	S	CR.MCR.EcCr.CarSp.Bri	Brittlestars overlying coralline crusts, *Parasmittina trispinosa* and *Caryophyllia smithii* on wave-exposed circalittoral rock	6	316	<	Reefs						
6	A4.2122	[Caryophyllia smithii] and sponges with [Pentapora foliacea], [Porella compressa] and crustose communities on wave-exposed circalittoral rock	A4.2122	[Caryophyllia smithii] and sponges with [Pentapora foliacea], [Porella compressa] and crustose communities on wave-exposed circalittoral rock	S	CR.MCR.EcCr.CarSp.PenPcom	Caryophyllia smithii and sponges with *Pentapora foliacea, Porella compressa* and crustose communities on wave-exposed circalittoral rock	6	317	<	Reefs						
5	A4.213	[Urticina felina] and sand-tolerant fauna on sand-scoured or covered circalittoral rock	A4.213	[Urticina felina] and sand-tolerant fauna on sand-scoured or covered circalittoral rock	S	CR.MCR.EcCr.UrtScr	Urticina felina and sand-tolerant fauna on sand-scoured or covered circalittoral rock	5	318	<	Reefs						
5	A4.214	Faunal and algal crusts on exposed to moderately wave-exposed circalittoral rock	A4.214	Faunal and algal crusts on exposed to moderately wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr	Faunal and algal crusts on exposed to moderately wave-exposed circalittoral rock	5	319	<	Reefs						
6	A4.2141	[Flustra foliacea] on slightly scoured silty circalittoral rock	A4.2141	[Flustra foliacea] on slightly scoured silty circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Flu	Flustra foliacea on slightly scoured silty circalittoral rock	6	320	<	Reefs						
6	A4.2142	[Alcyonium digitatum], [Pomatoceros triqueter], algal and bryozoan crusts on wave-exposed circalittoral rock	A4.2142	[Alcyonium digitatum], [Pomatoceros triqueter], algal and bryozoan crusts on wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Adig	Alcyonium digitatum, Pomatoceros triqueter, algal and bryozoan crusts on wave-exposed circalittoral rock	6	321	<	Reefs						
6	A4.2143	[Alcyonium digitatum] with [Securiflustra securifrons] on tide-swept moderately wave-exposed circalittoral rock	A4.2143	[Alcyonium digitatum] with [Securiflustra securifrons] on tide-swept moderately wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Sec	Alcyonium digitatum with *Securiflustra securifrons* on tide-swept moderately wave-exposed circalittoral rock	6	322	<	Reefs						
6	A4.2144	Brittlestars on faunal and algal encrusted exposed to moderately wave-exposed circalittoral rock	A4.2144	Brittlestars on faunal and algal encrusted exposed to moderately wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Bri	Brittlestars on faunal and algal encrusted exposed to moderately wave-exposed circalittoral rock	6	323	<	Reefs						
6	A4.2145	Faunal and algal crusts with [Pomatoceros triqueter] and sparse [Alcyonium digitatum] on exposed to moderately wave-exposed circalittoral rock	A4.2145	Faunal and algal crusts with [Pomatoceros triqueter] and sparse [Alcyonium digitatum] on exposed to moderately wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Pom	Faunal and algal crusts with *Pomatoceros triqueter* and sparse *Alcyonium digitatum* on exposed to moderately wave-exposed circalittoral rock	6	324	<	Reefs						
6	A4.2146	[Caryophyllia smithii] with faunal and algal crusts on moderately wave-exposed circalittoral rock	A4.2146	[Caryophyllia smithii] with faunal and algal crusts on moderately wave-exposed circalittoral rock	S	CR.MCR.EcCr.FaAlCr.Car	Caryophyllia smithii with faunal and algal crusts on moderately wave-exposed circalittoral rock	6	325	<	Reefs						
5	A4.215	[Alcyonium digitatum] and faunal crust communities on vertical circalittoral bedrock	A4.215	[Alcyonium digitatum] and faunal crust communities on vertical circalittoral bedrock	S	CR.MCR.EcCr.AdigVt	Alcyonium digitatum and faunal crust communities on vertical circalittoral bedrock	5	326	<	Reefs						
4	**A4.22**	**[Sabellaria] reefs on circalittoral rock**	**A4.22**	**[Sabellaria] reefs on circalittoral rock**	S	**CR.MCR.CSab**	**Circalittoral Sabellaria reefs (on rock)**	**4**	**327**	<	Reefs			<	Sabellaria spinulosa reefs		
5	A4.221	[Sabellaria spinulosa] encrusted circalittoral rock	A4.221	[Sabellaria spinulosa] encrusted circalittoral rock	S	CR.MCR.CSab.Sspi	Sabellaria spinulosa encrusted circalittoral rock	5	328	<	Reefs			<	Sabellaria spinulosa reefs		
6	A4.2211	[Sabellaria spinulosa] with a bryozoan turf and barnacles on silty turbid circalittoral rock	A4.2211	[Sabellaria spinulosa] with a bryozoan turf and barnacles on silty turbid circalittoral rock	S	CR.MCR.CSab.Sspi.ByB	Sabellaria spinulosa with a bryozoan turf and barnacles on silty turbid circalittoral rock	6	329	<	Reefs			<	Sabellaria spinulosa reefs		
6	A4.2212	[Sabellaria spinulosa], didemnid and small ascidians on tide-swept moderately wave-exposed circalittoral rock	A4.2212	[Sabellaria spinulosa], didemnid and small ascidians on tide-swept moderately wave-exposed circalittoral rock	S	CR.MCR.CSab.Sspi.As	Sabellaria spinulosa, didemnids and other small ascidians on tide-swept moderately wave-exposed circalittoral rock	6	330	<	Reefs			<	Sabellaria spinulosa reefs		
4	**A4.23**	**Communities on soft circalittoral rock**	**A4.23**	**Communities on soft circalittoral rock**	S	**CR.MCR.SfR**	**Soft rock communities**	**4**	**331**	<	Reefs					May occur in UKBAP type	Subtidal chalk
5	A4.231	Piddocks with a sparse associated fauna in sublittoral very soft chalk or clay	A4.231	Piddocks with a sparse associated fauna in sublittoral very soft chalk or clay	S	CR.MCR.SfR.Pid	Piddocks with a sparse associated fauna in sublittoral very soft chalk or clay	5	332	<	Reefs					May occur in UKBAP type	Subtidal chalk and Peat and clay exposures
5	A4.232	[Polydora] sp. tubes on moderately exposed sublittoral soft rock	A4.232	[Polydora] sp. tubes on moderately exposed sublittoral soft rock	S	CR.MCR.SfR.Pol	Polydora sp. tubes on moderately exposed sublittoral soft rock	5	333	<	Reefs					May occur in UKBAP type	Subtidal chalk
5	A4.233	[Hiatella]-bored vertical sublittoral limestone rock	A4.233	[Hiatella]-bored vertical sublittoral limestone rock	S	CR.MCR.SfR.Hia	Hiatella-bored vertical sublittoral limestone rock	5	334	<	Reefs					May occur in UKBAP type	Subtidal chalk
4	**A4.24**	**Mussel beds on circalittoral rock**	**A4.24**	**Mussel beds on circalittoral rock**	S	**CR.MCR.CMus**	**Circalittoral mussel beds on rock**	**4**	**335**	<	Reefs						
5	A4.241	[Mytilus edulis] beds with hydroids and ascidians on tide-swept exposed to moderately wave-exposed circalittoral rock	A4.241	[Mytilus edulis] beds with hydroids and ascidians on tide-swept exposed to moderately wave-exposed circalittoral rock	S	CR.MCR.CMus.CMyt	Mytilus edulis beds with hydroids and ascidians on tide-swept exposed to moderately wave-exposed circalittoral rock	5	336	<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A4.242	[Musculus discors] beds on moderately exposed circalittoral rock	A4.242	[Musculus discors] beds on moderately exposed circalittoral rock	S	CR.MCR.CMus.Mdis	Musculus discors beds on moderately exposed circalittoral rock	5	337	<	Reefs						
4	**A4.25**	**Circalittoral faunal communities in variable salinity**	**A4.25**	**Circalittoral faunal communities in variable salinity**	S	**CR.MCR.CFaVS**	**Circalittoral faunal communities in variable salinity**	**4**	**338**	<	Reefs					May occur in UKBAP type	Tide-swept channels
5	A4.251	Cushion sponges and hydroids on turbid tide-swept sheltered circalittoral rock	A4.251	Cushion sponges and hydroids on turbid tide-swept sheltered circalittoral rock	S	CR.MCR.CFaVS.CuSpH	Cushion sponges and hydroids on turbid tide-swept sheltered circalittoral rock	5	339	<	Reefs					May occur in UKBAP type	Tide-swept channels
6	A4.2511	Cushion sponges, hydroids and ascidians on turbid tide-swept sheltered circalittoral rock	A4.2511	Cushion sponges, hydroids and ascidians on turbid tide-swept sheltered circalittoral rock	S	CR.MCR.CFaVS.CuSpH.As	Cushion sponges, hydroids and ascidians on turbid tide-swept sheltered circalittoral rock	6	340	<	Reefs	Typical of [rias]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
6	A4.2512	Cushion sponges and hydroids on turbid tide-swept variable salinity sheltered circalittoral rock	A4.2512	Cushion sponges and hydroids on turbid tide-swept variable salinity sheltered circalittoral rock	S	CR.MCR.CFaVS.CuSpH.VS	Cushion sponges and hydroids on turbid tide-swept variable salinity sheltered circalittoral rock	6	341	<	Reefs	Typical of [rias]	Large shallow inlets and bays			May occur in UKBAP type	Tide-swept channels
5	A4.252	[Halichondria bowerbanki], [Eudendrium arbusculum] and [Eucratea loricata] on reduced salinity tide-swept circalittoral mixed substrata	A4.252	[Halichondria bowerbanki], [Eudendrium arbusculum] and [Eucratea loricata] on reduced salinity tide-swept circalittoral mixed substrata	S	CR.MCR.CFaVS.HbowEud	Halichondria bowerbanki, Eudendrium arbusculum and *Eucratea loricata* on reduced salinity tide-swept circalittoral mixed substrata	5	342	<	Reefs	Typical of [rias]	Large shallow inlets and bays				
4	**A4.26**	**Mediterranean coralligenous communities moderately exposed to hydrodynamic action**	**A4.26**	**Mediterranean coralligenous communities moderately exposed to hydrodynamic action**						<	Reefs						
5	A4.261	Association with [Cystoseira zosteroides]	A4.261	Association with [Cystoseira zosteroides]						<	Reefs						
5	A4.262	Association with [Cystoseira usneoides]	A4.262	Association with [Cystoseira usneoides]						<	Reefs						
5	A4.263	Association with [Cystoseira dubia]	A4.263	Association with [Cystoseira dubia]						<	Reefs						
5	A4.264	Association with [Cystoseira corniculata]	A4.264	Association with [Cystoseira corniculata]						<	Reefs						
5	A4.265	Association with [Sargassum] spp.	A4.265	Association with [Sargassum] spp.						<	Reefs						
5	A4.266	Association with [Mesophyllum lichenoides]	A4.266	Association with [Mesophyllum lichenoides]						<	Reefs						
5	A4.267	Algal bioconcretion with [Lithophyllum frondosum] and [Halimeda tuna]	A4.267	Algal bioconcretion with [Lithophyllum frondosum] and [Halimeda tuna]						<	Reefs						
5	A4.268	Association with [Laminaria ochroleuca]	A4.268	Association with [Laminaria ochroleuca]						<	Reefs						
5	A4.269	Facies with [Eunicella cavolinii]	A4.269	Facies with [Eunicella cavolinii]						<	Reefs						
5	A4.26A	Facies with [Eunicella singularis]	A4.26A	Facies with [Eunicella singularis]						<	Reefs						
5	A4.26B	Facies with [Paramuricea clavata]	A4.26B	Facies with [Paramuricea clavata]						<	Reefs						
5	A4.26C	Facies with [Parazoanthus axinellae]	A4.26C	Facies with [Parazoanthus axinellae]						<	Reefs						
5	A4.26D	Coralligenous platforms	A4.26D	Coralligenous platforms						<	Reefs						
4	**A4.27**	**Faunal communities on deep moderate energy circalittoral rock**	**A4.27**	**Faunal communities on deep moderate energy circalittoral rock**						<	Reefs						
3	**A4.3**	**Atlantic and Mediterranean low energy circalittoral rock**	**A4.3**	**Atlantic and Mediterranean low energy circalittoral rock**	=	**CR.LCR**	**Low energy circalittoral rock**	**3**	**343**	<	Reefs						
4	**A4.31**	**Brachiopod and ascidian communities on circalittoral rock**	**A4.31**	**Brachiopod and ascidian communities on circalittoral rock**	S	**CR.LCR.BrAs**	**Brachiopod and ascidian communities**	**4**	**344**	<	Reefs						
5	A4.311	Solitary ascidians, including [Ascidia mentula] and [Ciona intestinalis], on wave-sheltered circalittoral rock	A4.311	Solitary ascidians, including [Ascidia mentula] and [Ciona intestinalis], on wave-sheltered circalittoral rock	S	CR.LCR.BrAs.AmenCio	Solitary ascidians, including Ascidia mentula and Ciona intestinalis, on wave-sheltered circalittoral rock	5	345	<	Reefs						
6	A4.3111	Solitary ascidians, including [Ascidia mentula] and [Ciona intestinalis], with [Antedon] spp. on wave-sheltered circalittoral rock	A4.3111	Solitary ascidians, including [Ascidia mentula] and [Ciona intestinalis], with [Antedon] spp. on wave-sheltered circalittoral rock	S	CR.LCR.BrAs.AmenCio.Ant	Solitary ascidians, including *Ascidia mentula* and *Ciona intestinalis* , with *Antedon* spp. on wave-sheltered circalittoral rock	6	346	<	Reefs						
6	A4.3112	Dense brittlestars with sparse [Ascidia mentula] and [Ciona intestinalis] on sheltered circalittoral mixed substrata	A4.3112	Dense brittlestars with sparse [Ascidia mentula] and [Ciona intestinali]s on sheltered circalittoral mixed substrata	S	CR.LCR.BrAs.AmenCio.Bri	Dense brittlestars with sparse *Ascidia mentula* and *Ciona intestinalis* on sheltered circalittoral mixed substrata	6	347	<	Reefs						
5	A4.312	Large solitary ascidians and erect sponges on wave-sheltered circalittoral rock	A4.312	Large solitary ascidians and erect sponges on wave-sheltered circalittoral rock	S	CR.LCR.BrAs.LgAsSp	Large solitary ascidians and erect sponges on wave-sheltered circalittoral rock	5	348	<	Reefs						
5	A4.313	[Antedon] spp., solitary ascidians and fine hydroids on sheltered circalittoral rock	A4.313	[Antedon] spp., solitary ascidians and fine hydroids on sheltered circalittoral rock	S	CR.LCR.BrAs.AntAsH	Antedon spp., solitary ascidians and fine hydroids on sheltered circalittoral rock	5	349	<	Reefs						
5	A4.314	[Neocrania anomala] and [Protanthea simplex] on sheltered circalittoral rock	A4.314	[Neocrania anomala] and [Protanthea simplex] on sheltered circalittoral rock	S	CR.LCR.BrAs.NeoPro	Neocrania anomala and Protanthea simplex on sheltered circalittoral rock	5	350	<	Reefs						
6	A4.3141	[Neocrania anomala] and [Protanthea simplex] on very wave-sheltered circalittoral rock	A4.3141	[Neocrania anomala] and [Protanthea simplex] on very wave-sheltered circalittoral rock	S	CR.LCR.BrAs.NeoPro.FS	Neocrania anomala and *Protanthea simplex* on very wave-sheltered circalittoral rock	6	351	<	Reefs						
6	A4.3142	[Neocrania anomala], [Dendrodoa grossularia] and [Sarcodictyon roseum] on variable salinity circalittoral rock	A4.3142	[Neocrania anomala], [Dendrodoa grossularia] and [Sarcodictyon roseum] on variable salinity circalittoral rock	S	CR.LCR.BrAs.NeoPro.VS	Neocrania anomala, Dendrodoa grossularia and *Sarcodictyon roseum* on variable salinity circalittoral rock	6	352	<	Reefs						
4	**A4.32**	**Mediterranean coralligenous communities sheltered from hydrodynamic action**	**A4.32**	**Mediterranean coralligenous communities sheltered from hydrodynamic action**						<	Reefs						
5	A4.321	Association with [Rodriguezella strafforelli]	A4.321	Association with [Rodriguezella strafforelli]						<	Reefs						
5	A4.322	Facies with [Lophogorgia sarmentosa]	A4.322	Facies with [Lophogorgia sarmentosa]						<	Reefs						
4	**A4.33**	**Faunal communities on deep low energy circalittoral rock**	**A4.33**	**Faunal communities on deep low energy circalittoral rock**						<	Reefs						

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**A4.4**	**Baltic exposed circalittoral rock**	**A4.4**	**Baltic exposed circalittoral rock**						<	Reefs						
3	**A4.5**	**Baltic moderately exposed circalittoral rock**	**A4.5**	**Baltic moderately exposed circalittoral rock**						<	Reefs						
3	**A4.6**	**Baltic sheltered circalittoral rock**	**A4.6**	**Baltic sheltered circalittoral rock**						<	Reefs						
3	**A4.7**	**Features of circalittoral rock**	**A4.7**	**Features of circalittoral rock**	=	**CR.FCR**	**Features of circalittoral rock**	**3**	**353**	May occur in Annex I type	Reefs, Submerged or partially submerged sea caves						
4	**A4.71**	**Communities of circalittoral caves and overhangs**	**A4.71**	**Communities of circalittoral caves and overhangs**	S	**CR.FCR.Cv**	**Circalittoral caves and overhangs**	**4**	**354**	< Sub-types, if occurring outside caves, correspond to Reef habitat	Submerged or partially submerged sea caves						
5	A4.711	Sponges, cup corals and anthozoans on shaded or overhanging circalittoral rock	A4.711	Sponges, cup corals and anthozoans on shaded or overhanging circalittoral rock	S	CR.FCR.Cv.SpCup	Sponges, cup corals and anthozoans on shaded or overhanging circalittoral rock	5	355	<	Submerged or partially submerged sea caves						
5	A4.712	Caves and overhangs with [Parazoanthus axinellae]	A4.712	Caves and overhangs with [Parazoanthus axinellae]						<	Submerged or partially submerged sea caves						
5	A4.713	Caves and overhangs with [Corallium rubrum]	A4.713	Caves and overhangs with [Corallium rubrum]						<	Submerged or partially submerged sea caves						
5	A4.714	Caves and overhangs with [Leptopsammia pruvoti]	A4.714	Caves and overhangs with [Leptopsammia pruvoti]						<	Submerged or partially submerged sea caves						
5	A4.715	Caves and ducts in total darkness (including caves without light or water movement at upper levels)	A4.715	Caves and ducts in total darkness (including caves without light or water movement at upper levels)						<	Submerged or partially submerged sea caves						
4	**A4.72**	**Circalittoral fouling faunal communities**	**A4.72**	**Circalittoral fouling faunal communities**	S	**CR.FCR.FouFa**	**Circalittoral fouling faunal communities**	**4**	**356**								
5	A4.721	[Alcyonium digitatum] and [Metridium senile] on moderately wave-exposed circalittoral steel wrecks	A4.721	[Alcyonium digitatum] and [Metridium senile] on moderately wave-exposed circalittoral steel wrecks	S	CR.FCR.FouFa.AdigMsen	Alcyonium digitatum and *Metridium senile* on moderately wave-exposed circalittoral steel wrecks	5	357								
5	A4.722	[Ascidiella aspersa] on circalittoral artificial substrata	A4.722	[Ascidiella aspersa] on circalittoral artificial substrata	S	CR.FCR.FouFa.Aasp	Ascidiella aspersa on circalittoral artificial substrata	5	358								
4	**A4.73**	**Vents and seeps in circalittoral rock**	**A4.73**	**Vents and seeps in circalittoral rock**													
5	A4.731	Freshwater seeps in circalittoral rock	A4.731	Freshwater seeps in circalittoral rock													
5	A4.732	Oil seeps in circalittoral rock	A4.732	Oil seeps in circalittoral rock													
5	A4.733	Vents in circalittoral rock	A4.733	Vents in circalittoral rock													
2	**A5**	**Sublittoral sediment**	**A5**	**Sublittoral sediment**	=	**SS**	**Sublittoral sediment**	**2**	**359**								
3	**A5.1**	**Sublittoral coarse sediment**	**A5.1**	**Sublittoral coarse sediment**	=	**SS.SCS**	**Sublittoral coarse sediment (unstable cobbles and pebbles, gravels and coarse sands)**	**3**	**360**							<	Subtidal sands and gravels
4	**A5.11**	**Infralittoral coarse sediment in reduced salinity**															
5	A5.111	Baltic level gravel bottoms of the infralittoral photic zone with little or no macrophyte vegetation	A5.111	Baltic level gravel bottoms of the infralittoral photic zone with little or no macrophyte vegetation													
5	A5.112	Baltic gravel banks of the infralittoral photic zone	A5.112	Baltic gravel banks of the infralittoral photic zone													
5	A5.113	Baltic shell gravel bottoms in the infralittoral photic zone	A5.113	Baltic shell gravel bottoms in the infralittoral photic zone													
5	A5.114	Baltic gravel bottoms of the aphotic zone	A5.143	Baltic gravel bottoms of the aphotic zone													
5	A5.115	Baltic shell gravel bottoms of the aphotic zone	A5.144	Baltic shell gravel bottoms of the aphotic zone													
4	**A5.12**	**Sublittoral coarse sediments in variable salinity (estuaries)**	**A5.11**	**Infralittoral coarse sediment in reduced salinity**	S	**SS.SCS.SCSVS**	**Sublittoral coarse sediments in variable salinity (estuaries)**	**4**	**362**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
4	**A5.13**	**Infralittoral coarse sediment**	**A5.12**	**Infralittoral coarse sediment**	S	**SS.SCS.ICS**	**Infralittoral coarse sediment**	**4**	**362**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.131	Sparse fauna on highly mobile sublittoral shingle (cobbles and pebbles)	A5.121	Sparse fauna on highly mobile sublittoral shingle (cobbles and pebbles)	S	SS.SCS.ICS.SSh	Sparse fauna on highly mobile sublittoral shingle (cobbles and pebbles)	5	363							<	Subtidal sands and gravels
5	A5.132	[Halcampa chrysanthellum] and [Edwardsia timida] on sublittoral clean stone gravel	A5.122	[Halcampa chrysanthellum] and [Edwardsia timida] on sublittoral clean stone gravel	S	SS.SCS.ICS.HchrEdw	Halcampa chrysanthellum and *Edwardsia timida* on sublittoral clean stone gravel	5	364							<	Subtidal sands and gravels
5	A5.133	[Moerella] spp. with venerid bivalves in infralittoral gravelly sand	A5.123	[Moerella] spp. with venerid bivalves in infralittoral gravelly sand	S	SS.SCS.ICS.MoeVen	Moerella spp. with venerid bivalves in infralittoral gravelly sand	5	365							<	Subtidal sands and gravels

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A5.134	[Hesionura elongata] and [Microphthalmus similis] with other interstitial polychaetes in infralittoral mobile coarse sand	A5.124	[Hesionura elongata] and [Microphthalmus similis] with other interstitial polychaetes in infralittoral mobile coarse sand	S	SS.SCS.ICS.HeloMsim	Hesionura elongata and *Microphthalmus similis* with other interstitial polychaetes in infralittoral mobile coarse sand	5	366							<	Subtidal sands and gravels
5	A5.135	[Glycera lapidum] in impoverished infralittoral mobile gravel and sand	A5.125	[Glycera lapidum] in impoverished infralittoral mobile gravel and sand	S	SS.SCS.ICS.Glap	Glycera lapidum in impoverished infralittoral mobile gravel and sand	5	367							<	Subtidal sands and gravels
5	A5.136	Cumaceans and [Chaetozone setosa] in infralittoral gravelly sand	A5.126	Cumaceans and [Chaetozone setosa] in infralittoral gravelly sand	S	SS.SCS.ICS.CumCset	Cumaceans and *Chaetozone setosa* in infralittoral gravelly sand	5	368							<	Subtidal sands and gravels
5	A5.137	Dense [Lanice conchilega] and other polychaetes in tide-swept infralittoral sand and mixed gravelly sand	A5.127	Dense [Lanice conchilega] and other polychaetes in tide-swept infralittoral sand and mixed gravelly sand	S	SS.SCS.ICS.SLan	Dense *Lanice conchilega* and other polychaetes in tide-swept infralittoral sand and mixed gravelly sand	5	369							<	Subtidal sands and gravels
5	A5.138	Association with rhodolithes in coarse sands and fine gravels mixed by waves	A5.128	Association with rhodolithes in coarse sands and fine gravels mixed by waves													
5	A5.139	Facies with [Gouania wildenowi]	A5.129	Facies with [Gouania wildenowi]													
5	A5.13A	Greenland cockle [Serripes] in shallow coarse sand (influenced by warm low-salinity melt water) of the Arctic	A5.12A	Greenland cockle [Serripes] in shallow coarse sand (influenced by warm low-salinity melt water) of the Arctic													
4	**A5.14**	**Circalittoral coarse sediment**	**A5.13**	**Circalittoral coarse sediment**	S	**SS.SCS.CCS**	**Circalittoral coarse sediment**	**4**	**370**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.141	[Pomatoceros triqueter] with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles	A5.131	[Pomatoceros triqueter] with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles	S	SS.SCS.CCS.PomB	Pomatoceros triqueter with barnacles and bryozoan crusts on unstable circalittoral cobbles and pebbles	5	371							<	Subtidal sands and gravels
5	A5.142	[Mediomastus fragilis], [Lumbrineris] spp. and venerid bivalves in circalittoral coarse sand or gravel	A5.132	[Mediomastus fragilis], [Lumbrineris] spp. and venerid bivalves in circalittoral coarse sand or gravel	S	SS.SCS.CCS.MedLumVen	Mediomastus fragilis, Lumbrineris spp. and venerid bivalves in circalittoral coarse sand or gravel	5	372							<	Subtidal sands and gravels
5	A5.143	[Protodorvillea kefersteini] and other polychaetes in impoverished circalittoral mixed gravelly sand	A5.133	[Protodorvillea kefersteini] and other polychaetes in impoverished circalittoral mixed gravelly sand	S	SS.SCS.CCS.Pkef	Protodorvillea kefersteini and other polychaetes in impoverished circalittoral mixed gravelly sand	5	373							<	Subtidal sands and gravels
5	A5.144	[Neopentadactyla mixta] in circalittoral shell gravel or coarse sand	A5.134	[Neopentadactyla mixta] in circalittoral shell gravel or coarse sand	S	SS.SCS.CCS.Nmix	Neopentadactyla mixta in circalittoral shell gravel or coarse sand	5	374							<	Subtidal sands and gravels
5	A5.145	[Branchiostoma lanceolatum] in circalittoral coarse sand with shell gravel	A5.135	[Branchiostoma lanceolatum] in circalittoral coarse sand with shell gravel	S	SS.SCS.CCS.Blan	Branchiostoma lanceolatum in circalittoral coarse sand with shell gravel	5	375							<	Subtidal sands and gravels
5	A5.146	Scallops on shell gravel and sand with some sand scour	A5.136	Scallops on shell gravel and sand with some sand scour													
4	**A5.15**	**Deep circalittoral coarse sediment**	**A5.14**	**Deep circalittoral coarse sediment**	S	**SS.SCS.OCS**	**Offshore circalittoral coarse sediment**	**4**	**376**							<	Subtidal sands and gravels
5	A5.151	[Glycera lapidum], [Thyasira] spp. and [Amythasides macroglossus] in offshore gravelly sand	A5.141	[Glycera lapidum], [Thyasira] spp. and [Amythasides macroglossus] in offshore gravelly sand	S	SS.SCS.OCS.GlapThyAmy	Glycera lapidum, Thyasira spp. and *Amythasides macroglossus* in offshore gravelly sand	5	377							<	Subtidal sands and gravels
5	A5.152	[Hesionura elongata] and [Protodorvillea kefersteini] in offshore coarse sand	A5.142	[Hesionura elongata] and [Protodorvillea kefersteini] in offshore coarse sand	S	SS.SCS.OCS.HeloPkef	Hesionura elongata and *Protodorvillea kefersteini* in offshore coarse sand	5	378							<	Subtidal sands and gravels
3	**A5.2**	**Sublittoral sand**	**A5.2**	**Sublittoral sand**	=	**SS.SSa**	**Sublittoral sands and muddy sands**	**3**	**379**							<	Subtidal sands and gravels
4	**A5.21**	**Sublittoral sand in low or reduced salinity**	**A5.21**	**Sublittoral sand in low or reduced salinity**	S	**SS.SSa.SSaLS**	**Sublittoral sand in low or reduced salinity (lagoons)**	**4**	**380**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					Typical of	Saline lagoons
5	A5.211	Baltic level sandy bottoms of the infralittoral photic zone with little or no macrophyte vegetation	A5.211	Baltic level sandy bottoms of the infralittoral photic zone with little or no macrophyte vegetation								Typical of	Lagoons				
5	A5.212	Baltic sand bars of the infralittoral photic zone	A5.212	Baltic sand bars of the infralittoral photic zone													
5	A5.213	Baltic sand banks of the infralittoral photic zone	A5.213	Baltic sand banks of the infralittoral photic zone													
5	A5.214	[Macoma balthica] in brackish environment (seasonally ice-covered)	A5.214	[Macoma balthica] in brackish environment (seasonally ice-covered)													
4	**A5.22**	**Sublittoral sand in variable salinity (estuaries)**	**A5.22**	**Sublittoral sand in variable salinity (estuaries)**	S	**SS.SSa.SSaVS**	**Sublittoral sand in variable salinity (estuaries)**	**4**	**381**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.221	Infralittoral mobile sand in variable salinity (estuaries)	A5.221	Infralittoral mobile sand in variable salinity (estuaries)	S	SS.SSa.SSaVS.MoSaVS	Infralittoral mobile sand in variable salinity (estuaries)	5	382			Typical of	Estuaries			<	Subtidal sands and gravels
5	A5.222	[Nephtys cirrosa] and [Macoma balthica] in variable salinity infralittoral mobile sand	A5.222	[Nephtys cirrosa] and [Macoma balthica] in variable salinity infralittoral mobile sand	S	SS.SSa.SSaVS.NcirMac	Nephtys cirrosa and *Macoma balthica* in variable salinity infralittoral mobile sand	5	383			Typical of	Estuaries			<	Subtidal sands and gravels
5	A5.223	[Neomysis integer] and [Gammarus] spp. in fluctuating low salinity infralittoral mobile sand	A5.223	[Neomysis integer] and [Gammarus] spp. in fluctuating low salinity infralittoral mobile sand	S	SS.SSa.SSaVS.NintGam	Neomysis integer and *Gammarus* spp. in variable salinity infralittoral mobile sand	5	384			Typical of	Estuaries			<	Subtidal sands and gravels

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
4	**A5.23**	**Infralittoral fine sand**	**A5.23**	**Infralittoral fine sand**	S	**SS.SSa.IFiSa**	**Infralittoral fine sand**	**4**	**385**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time	Typical of	Estuaries			<	Subtidal sands and gravels
5	A5.231	Infralittoral mobile clean sand with sparse fauna	A5.231	Infralittoral mobile clean sand with sparse fauna	S	SS.SSa.IFiSa.IMoSa	Infralittoral mobile clean sand with sparse fauna	5	386							<	Subtidal sands and gravels
5	A5.232	[Sertularia cupressina] and [Hydrallmania falcata] on tide-swept sublittoral sand with cobbles or pebbles	A5.232	[Sertularia cupressina] and [Hydrallmania falcata] on tide-swept sublittoral sand with cobbles or pebbles	S	SS.SSa.IFiSa.ScupHyd	Sertularia cupressina and *Hydrallmania falcata* on tide-swept sublittoral sand with cobbles or pebbles.	5	388							<	Subtidal sands and gravels
5	A5.233	[Nephtys cirrosa] and [Bathyporeia] spp. in infralittoral sand	A5.233	[Nephtys cirrosa] and [Bathyporeia] spp. in infralittoral sand	S	SS.SSa.IFiSa.NcirBat	Nephtys cirrosa and *Bathyporeia* spp. in infralittoral sand	5	387							<	Subtidal sands and gravels
5	A5.234	Semi-permanent tube-building amphipods and polychaetes in sublittoral sand	A5.234	Semi-permanent tube-building amphipods and polychaetes in sublittoral sand	S	SS.SSa.IFiSa.TbAmPo	Semi-permanent tube-building amphipods and polychaetes in sublittoral sand	5	389							<	Subtidal sands and gravels
5	A5.235	Mediterranean communities of fine sands in very shallow waters	A5.235	Mediterranean communities of fine sands in very shallow waters													
6	A5.2351	Facies with [Lentidium mediterraneum]	A5.2351	Facies with [Lentidium mediterraneum]													
5	A5.236	Mediterranean communities of well sorted fine sands	A5.236	Mediterranean communities of well sorted fine sands													
4	**A5.24**	**Infralittoral muddy sand**	**A5.24**	**Infralittoral muddy sand**	S	**SS.SSa.IMuSa**	**Infralittoral muddy sand**	**4**	**390**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.241	[Echinocardium cordatum] and [Ensis] spp. in lower shore and shallow sublittoral slightly muddy fine sand	A5.241	[Echinocardium cordatum] and [Ensis] spp. in lower shore and shallow sublittoral slightly muddy fine sand	S	SS.SSa.IMuSa.EcorEns	Echinocardium cordatum and *Ensis* spp. in lower shore and shallow sublittoral slightly muddy fine sand	5	391							<	Subtidal sands and gravels
5	A5.242	[Fabulina fabula] and [Magelona mirabilis] with venerid bivalves and amphipods in infralittoral compacted fine muddy sand	A5.242	[Fabulina fabula] and [Magelona mirabilis] with venerid bivalves and amphipods in infralittoral compacted fine muddy sand	S	SS.SSa.IMuSa.FfabMag	Fabulina fabula and *Magelona mirabilis* with venerid bivalves and amphipods in infralittoral compacted fine muddy sand	5	392							<	Subtidal sands and gravels
5	A5.243	[Arenicola marina] in infralittoral fine sand or muddy sand	A5.243	[Arenicola marina] in infralittoral fine sand or muddy sand	S	SS.SSa.IMuSa.AreISa	Arenicola marina in infralittoral fine sand or muddy sand	5	393							<	Subtidal sands and gravels
5	A5.244	[Spisula subtruncata] and [Nephtys hombergii] in shallow muddy sand	A5.244	[Spisula subtruncata] and [Nephtys hombergii] in shallow muddy sand	S	SS.SSa.IMuSa.SsubNhom	Spisula subtruncata and *Nephtys hombergii* in shallow muddy sand	5	394							<	Subtidal sands and gravels
5	A5.245	[Turritella] in muddy sands	A5.245	[Turritella] in muddy sands													
5	A5.246	[Ervillia castanea] beds in infralittoral sand	A5.246	[Ervillia castanea] beds in infralittoral sand													
4	**A5.25**	**Circalittoral fine sand**	**A5.25**	**Circalittoral fine sand**	S	**SS.SSa.CFiSa**	**Circalittoral fine sand**	**4**	**395**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.251	[Echinocyamus pusillus], [Ophelia borealis] and [Abra prismatica] in circalittoral fine sand	A5.251	[Echinocyamus pusillus], [Ophelia borealis] and [Abra prismatica] in circalittoral fine sand	S	SS.SSa.CFiSa.EpusOborApri	Echinocyamus pusillus, Ophelia borealis and *Abra prismatica* in circalittoral fine sand	5	396							<	Subtidal sands and gravels
5	A5.252	[Abra prismatica], [Bathyporeia elegans] and polychaetes in circalittoral fine sand	A5.252	[Abra prismatica], [Bathyporeia elegans] and polychaetes in circalittoral fine sand	S	SS.SSa.CFiSa.ApriBatPo	Abra prismatica, Bathyporeia elegans and polychaetes in circalittoral fine sand	5	397							<	Subtidal sands and gravels
5	A5.253	Medium to very fine sand, 100-120 m, with polychaetes [Spiophanes kroyeri], [Amphipectene auricoma], [Myriochele] sp., [Aricidea wassi] and amphipods [Harpinia antennaria]	A5.253	Medium to very fine sand, 100-120 m, with polychaetes [Spiophanes kroyeri], [Amphipectene auricoma], [Myriochele] sp., [Aricidea wassi] and amphipods [Harpinia antennaria]													
4	**A5.26**	**Circalittoral muddy sand**	**A5.26**	**Circalittoral muddy sand**	S	**SS.SSa.CMuSa**	**Circalittoral muddy sand**	**4**	**398**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Subtidal sands and gravels
5	A5.261	[Abra alba] and [Nucula nitidosa] in circalittoral muddy sand or slightly mixed sediment	A5.261	[Abra alba] and [Nucula nitidosa] in circalittoral muddy sand or slightly mixed sediment	S	SS.SSa.CMuSa.AalbNuc	Abra alba and *Nucula nitidosa* in circalittoral muddy sand or slightly mixed sediment	5	399							<	Subtidal sands and gravels
5	A5.262	[Amphiura brachiata] with [Astropecten irregularis] and other echinoderms in circalittoral muddy sand	A5.262	[Amphiura brachiata] with [Astropecten irregularis] and other echinoderms in circalittoral muddy sand	S	SS.SSa.CMuSa.AbraAirr	Amphiura brachiata with *Astropecten irregularis* and other echinoderms in circalittoral muddy sand	5	400							<	Subtidal sands and gravels
4	**A5.27**	**Deep circalittoral sand**	**A5.27**	**Deep circalittoral sand**	S	**SS.SSa.OSa**	**Offshore circalittoral sand**	**4**	**401**							<	Subtidal sands and gravels
5	A5.271	Maldanid polychaetes and [Eudorellopsis deformis] in deep circalittoral sand or muddy sand	A5.271	Maldanid polychaetes and [Eudorellopsis deformis] in deep circalittoral sand or muddy sand	S	SS.SSa.OSa.MalEdef	Maldanid polychaetes and *Eudorellopsis deformis* in offshore circalittoral sand or muddy sand	5	402							<	Subtidal sands and gravels
5	A5.272	[Owenia fusiformis] and [Amphiura filiformis] in deep circalittoral sand or muddy sand	A5.272	[Owenia fusiformis] and [Amphiura filiformis] in deep circalittoral sand or muddy sand	S	SS.SSa.OSa.OfusAfil	Owenia fusiformis and *Amphiura filiformis* in offshore circalittoral sand or muddy sand	5	403							<	Subtidal sands and gravels
5	A5.273	Baltic sandy bottoms of the aphotic zone	A5.273	Baltic sandy bottoms of the aphotic zone													
4	**A5.28**	**Mediterranean communities of superficial muddy sands in sheltered waters**	**A5.28**	**Mediterranean communities of superficial muddy sands in sheltered waters**													

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A5.281	Facies with [Callianassa tyrrhena] and [Kellia corbuloides]	A5.281	Facies with [Callianassa tyrrhena] and [Kellia corbuloides]													
5	A5.282	Facies with fresh water resurgences with [Cerastoderma glaucum] and [Cyathura carinata]	A5.282	Facies with fresh water resurgences with [Cerastoderma glaucum] and [Cyathura carinata]													
5	A5.283	Facies with [Loripes lacteus], [Tapes] spp.	A5.283	Facies with [Loripes lacteus], [Tapes] spp.													
5	A5.284	Association with [Caulerpa prolifera] on superficial muddy sands in sheltered waters	A5.284	Association with [Caulerpa prolifera] on superficial muddy sands in sheltered waters													
5	A5.285	Facies of hydrothermal oozes with [Cyclope neritea] and nematodes	A5.285	Facies of hydrothermal oozes with [Cyclope neritea] and nematodes													
3	**A5.3**	**Sublittoral mud**	**A5.3**	**Sublittoral mud**	=	**SS.SMu**	**Sublittoral cohesive mud and sandy mud communities**	**3**	**404**								
4	**A5.31**	**Sublittoral mud in low or reduced salinity**	**A5.31**	**Sublittoral mud in low or reduced salinity (lagoons)**	S	**SS.SMu.SMuLS**	**Sublittoral mud in low or reduced salinity (lagoons)**	**4**	**405**							Typical of	Saline lagoons
5	A5.311	Baltic brackish water sublittoral muddy biocenoses influenced by varying salinity	A5.311	Baltic brackish water sublittoral muddy biocenoses influenced by varying salinity								Typical of	Lagoons				
6	A5.3111	Baltic muds of the infralittoral photic zone with little or no macrophyte vegetation	A5.3111	Baltic muds of the infralittoral photic zone with little or no macrophyte vegetation													
6	A5.3112	Boreal Baltic narrow inlets with soft mud substrate	A5.3112	Boreal Baltic narrow inlets with soft mud substrate													
4	**A5.32**	**Sublittoral mud in variable salinity (estuaries)**	**A5.32**	**Sublittoral mud in variable salinity (estuaries)**	S	**SS.SMu.SMuVS**	**Sublittoral mud in variable salinity (estuaries)**	**4**	**406**								
5	A5.321	[Polydora ciliata] and [Corophium volutator] in variable salinity infralittoral firm mud or clay	A5.321	[Polydora ciliata] and [Corophium volutator] in variable salinity infralittoral firm mud or clay	S	SS.SMu.SMuVS.PolCvol	Polydora ciliata and *Corophium volutator* in variable salinity infralittoral firm mud or clay	5	407			Typical of	Estuaries				
5	A5.322	[Aphelochaeta marioni] and [Tubificoides] spp. in variable salinity infralittoral mud	A5.322	[Aphelochaeta marioni] and [Tubificoides] spp. in variable salinity infralittoral mud	S	SS.SMu.SMuVS.AphTubi	Aphelochaeta marioni and *Tubificoides* spp. in variable salinity infralittoral mud	5	408			Typical of	Estuaries				
5	A5.323	[Nephtys hombergii] and [Tubificoides] spp. in variable salinity infralittoral soft mud	A5.323	[Nephtys hombergii] and [Tubificoides] spp. in variable salinity infralittoral soft mud	S	SS.SMu.SMuVS.NhomTubi	Nephtys hombergii and *Tubificoides* spp. in variable salinity infralittoral soft mud	5	409			Typical of	Estuaries				
5	A5.324	Infralittoral fluid mobile mud	A5.324	Infralittoral fluid mobile mud	S	SS.SMu.SMuVS.MoMu	Infralittoral fluid mobile mud	5	410			Typical of	Estuaries				
5	A5.325	[Capitella capitata] and [Tubificoides] spp. in reduced salinity infralittoral muddy sediment	A5.325	[Capitella capitata] and [Tubificoides] spp. in reduced salinity infralittoral muddy sediment	S	SS.SMu.SMuVS.CapTubi	Capitella capitata and *Tubificoides* spp. in reduced salinity infralittoral muddy sediment	5	411			Typical of	Estuaries				
5	A5.326	Oligochaetes in variable or reduced salinity infralittoral muddy sediment	A5.326	Oligochaetes in variable or reduced salinity infralittoral muddy sediment	S	SS.SMu.SMuVS.OlVS	Oligochaetes in variable or reduced salinity infralittoral muddy sediment	5	412			Typical of	Estuaries				
5	A5.327	[Limnodrilus hoffmeisteri], [Tubifex tubifex] and [Gammarus] spp. in low salinity infralittoral muddy sediment	A5.327	[Limnodrilus hoffmeisteri], [Tubifex tubifex] and [Gammarus] spp. in low salinity infralittoral muddy sediment	S	SS.SMu.SMuVS.LhofTtub	Limnodrilus hoffmeisteri, Tubifex tubifex and *Gammarus* spp. in low salinity infralittoral muddy sediment	5	413			Typical of	Estuaries				
4	**A5.33**	**Infralittoral sandy mud**	**A5.33**	**Infralittoral sandy mud**	S	**SS.SMu.ISaMu**	**Infralittoral sandy mud**	**4**	**414**			Typical of	Estuaries				
5	A5.331	[Nephtys hombergii] and [Macoma balthica] in infralittoral sandy mud	A5.331	[Nephtys hombergii] and [Macoma balthica] in infralittoral sandy mud	S	SS.SMu.ISaMu.NhomMac	Nephtys hombergii and *Macoma balthica* in infralittoral sandy mud	5	415								
5	A5.332	[Sagartiogeton undatus] and [Ascidiella aspersa] on infralittoral sandy mud	A5.332	[Sagartiogeton undatus] and [Ascidiella aspersa] on infralittoral sandy mud	S	SS.SMu.ISaMu.SundAasp	Sagartiogeton undatus and *Ascidiella aspersa* on infralittoral sandy mud	5	416								
5	A5.333	[Mysella bidentata] and [Abra] spp. in infralittoral sandy mud	A5.333	[Mysella bidentata] and [Abra] spp. in infralittoral sandy mud	S	SS.SMu.ISaMu.MysAbr	Mysella bidentata and *Abra* spp. in infralittoral sandy mud	5	417								
5	A5.334	[Melinna palmata] with [Magelona] spp. and [Thyasira] spp. in infralittoral sandy mud	A5.334	[Melinna palmata] with [Magelona] spp. and [Thyasira] spp. in infralittoral sandy mud	S	SS.SMu.ISaMu.MelMagThy	Melinna palmata with *Magelona* spp. and *Thyasira* spp. in infralittoral sandy mud	5	418								
5	A5.335	[Ampelisca] spp., [Photis longicaudata] and other tube-building amphipods and polychaetes in infralittoral sandy mud	A5.335	[Ampelisca] spp., [Photis longicaudata] and other tube-building amphipods and polychaetes in infralittoral sandy mud	S	SS.SMu.ISaMu.AmpPlon	Ampelisca spp., *Photis longicaudata* and other tube-building amphipods and polychaetes in infralittoral sandy mud	5	419								
5	A5.336	[Capitella capitata] in enriched sublittoral muddy sediments	A5.336	[Capitella capitata] in enriched sublittoral muddy sediments	S	SS.SMu.ISaMu.Cap	Capitella capitata in enriched sublittoral muddy sediments	5	420								
4	**A5.34**	**Infralittoral fine mud**	**A5.34**	**Infralittoral fine mud**	S	**SS.SMu.IFiMu**	**Infralittoral fine mud**	**4**	**421**								
5	A5.341	[Cerastoderma edule] with [Abra nitida] in infralittoral mud	A5.341	[Cerastoderma edule] with [Abra nitida] in infralittoral mud	S	SS.SMu.IFiMu.CerAnit	Cerastoderma edule with *Abra nitida* in infralittoral mud	5	422								
5	A5.342	[Arenicola marina] in infralittoral mud	A5.342	[Arenicola marina] in infralittoral mud	S	SS.SMu.IFiMu.Are	Arenicola marina in infralittoral mud	5	423			Typical of	Large shallow inlets and bays				
5	A5.343	[Philine aperta] and [Virgularia mirabilis] in soft stable infralittoral mud	A5.343	[Philine aperta] and [Virgularia mirabilis] in soft stable infralittoral mud	S	SS.SMu.IFiMu.PhiVir	Philine aperta and *Virgularia mirabilis* in soft stable infralittoral mud	5	424			Typical of	Large shallow inlets and bays				
5	A5.344	[Ocnus planci] aggregations on sheltered sublittoral muddy sediment	A5.344	[Ocnus planci] aggregations on sheltered sublittoral muddy sediment	S	SS.SMu.IFiMu.Ocn	Ocnus planci aggregations on sheltered sublittoral muddy sediment	5	425			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.345	[Astarte crenata] beneath high salinity cold polar water	A5.345	[Astarte crenata] beneath high salinity cold polar water								Typical of [sealochs]	Large shallow inlets and bays				
5	A5.346	Oligochaetes in mobile mud	A5.346	Oligochaetes in mobile mud													
4	**A5.35**	**Circalittoral sandy mud**	**A5.35**	**Circalittoral sandy mud**	S	**SS.SMu.CSaMu**	**Circalittoral sandy mud**	**4**	**427**							<	Mud habitats in deep water

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A5.351	[Amphiura filiformis], [Mysella bidentata] and [Abra nitida] in circalittoral sandy mud	A5.351	[Amphiura filiformis], [Mysella bidentata] and [Abra nitida] in circalittoral sandy mud	S	SS.SMu.CSaMu.AfilMysAnit	Amphiura filiformis, Mysella bidentata and *Abra nitida* in circalittoral sandy mud	5	428							<	Mud habitats in deep water
5	A5.352	[Thyasira] spp. and [Nuculoma tenuis] in circalittoral sandy mud	A5.352	[Thyasira] spp. and [Nuculoma tenuis] in circalittoral sandy mud	S	SS.SMu.CSaMu.ThyNten	Thyasira spp. and *Nuculoma tenuis* in circalittoral sandy mud	5	429							<	Mud habitats in deep water
5	A5.353	[Amphiura filiformis] and [Nuculoma tenuis] in circalittoral and offshore muddy sand	A5.353	[Amphiura filiformis] and [Nuculoma tenuis] in circalittoral and offshore muddy sand	S	SS.SMu.CSaMu.AfilNten	Amphiura filiformis and *Nuculoma tenuis* in circalittoral and offshore sandy mud	5	430							<	Mud habitats in deep water
5	A5.354	[Virgularia mirabilis] and [Ophiura] spp. with [Pecten maximus] on circalittoral sandy or shelly mud	A5.354	[Virgularia mirabilis] and [Ophiura] spp. with [Pecten maximus] on circalittoral sandy or shelly mud	S	SS.SMu.CSaMu.VirOphPmax	Virgularia mirabilis and Ophiura spp. with Pecten maximus on circalittoral sandy or shelly mud	5	431							<	Mud habitats in deep water
6	A5.3541	[Virgularia mirabilis] and [Ophiura] spp. with [Pecten maximus], hydroids and ascidians on circalittoral sandy or shelly mud with shells or stones	A5.3541	[Virgularia mirabilis] and [Ophiura] spp. with [Pecten maximus], hydroids and ascidians on circalittoral sandy or shelly mud with shells or stones	S	SS.SMu.CSaMu.VirOphPmax.HAs	Virgularia mirabilis and *Ophiura* spp. with *Pecten maximus* , hydroids and ascidians on circalittoral sandy or shelly mud with stones	6	432							<	Mud habitats in deep water
5	A5.355	[Lagis koreni] and [Phaxas pellucidus] in circalittoral sandy mud	A5.355	[Lagis koreni] and [Phaxas pellucidus] in circalittoral sandy mud	S	SS.SMu.CSaMu.LkorPpel	Lagis koreni and *Phaxas pellucidus* in circalittoral sandy mud	5	433							<	Mud habitats in deep water
4	**A5.36**	**Circalittoral fine mud**	**A5.36**	**Circalittoral fine mud**	S	**SS.SMu.CFiMu**	**Circalittoral fine mud**	**4**	**434**							<	Mud habitats in deep water
5	A5.361	Seapens and burrowing megafauna in circalittoral fine mud	A5.361	Seapens and burrowing megafauna in circalittoral fine mud	S	SS.SMu.CFiMu.SpnMeg	Seapens and burrowing megafauna in circalittoral fine mud	5	435					=	Sea-pen and burrowing megafauna communities	<	Mud habitats in deep water
6	A5.3611	Seapens, including [Funiculina quadrangularis], and burrowing megafauna in undisturbed circalittoral fine mud	A5.3611	Seapens, including [Funiculina quadrangularis], and burrowing megafauna in undisturbed circalittoral fine mud	S	SS.SMu.CFiMu.SpnMeg.Fun	Seapens, including *Funiculina quadrangularis* , and burrowing megafauna in undisturbed circalittoral fine mud	6	436					<	Sea-pen and burrowing megafauna communities	<	Mud habitats in deep water
5	A5.362	Burrowing megafauna and [Maxmuelleria lankesteri] in circalittoral mud	A5.362	Burrowing megafauna and [Maxmuelleria lankesteri] in circalittoral mud	S	SS.SMu.CFiMu.MegMax	Burrowing megafauna and *Maxmuelleria lankesteri* in circalittoral mud	5	437					<	Sea-pen and burrowing megafauna communities	<	Mud habitats in deep water
5	A5.363	[Brissopsis lyrifera] and [Amphiura chiajei] in circalittoral mud	A5.363	[Brissopsis lyrifera] and [Amphiura chiajei] in circalittoral mud	S	SS.SMu.CFiMu.BlyrAchi	Brissopsis lyrifera and *Amphiura chiajei* in circalittoral mud	5	438							<	Mud habitats in deep water
5	A5.364	Silty sediments > 140 m with polychaetes [Lumbrineris fragilis], [Levinsenia gracilis] and amphipods [Eriopisa elongata]	A5.364	Silty sediments > 140 m with polychaetes [Lumbrineris fragilis], [Levinsenia gracilis] and amphipods [Eriopisa elongata]													
5	A5.365	[Spiochaetopterus] beneath high salinity Atlantic water	A5.365	[Spiochaetopterus] beneath high salinity Atlantic water													
5	A5.366	[Macoma calcarea] in deep-water soft clayey mud	A5.366	[Macoma calcarea] in deep-water soft clayey mud													
4	**A5.37**	**Deep circalittoral mud**	**A5.37**	**Deep circalittoral mud**	=	**SS.SMu.OMu**	**Offshore circalittoral mud**	**4**	**439**							<	Mud habitats in deep water
5	A5.371	[Ampharete falcata] turf with [Parvicardium ovale] on cohesive muddy sediment near margins of deep stratified seas	A5.371	[Ampharete falcata] turf with [Parvicardium ovale] on cohesive muddy sediment near margins of deep stratified seas	S	SS.SMu.OMu.AfalPova	Ampharete falcata turf with *Parvicardium ovale* on cohesive muddy sediment near margins of deep stratified seas	5	440							<	Mud habitats in deep water
5	A5.372	Foraminiferans and [Thyasira] spp. in deep circalittoral soft mud	A5.372	Foraminiferans and [Thyasira] spp. in deep circalittoral soft mud	S	SS.SMu.OMu.ForThy	Foraminiferans and *Thyasira* sp. in deep circalittoral fine mud	5	441							<	Mud habitats in deep water
5	A5.373	[Styela gelatinosa], [Pseudamussium septemradiatum] and solitary ascidians on sheltered deep circalittoral muddy sediment	A5.373	[Styela gelatinosa], [Pseudamussium septemradiatum] and solitary ascidians on sheltered deep circalittoral muddy sediment	S	SS.SMu.OMu.StyPse	Styela gelatinosa, Pseudamussium septemradiatum and solitary ascidians on sheltered deep circalittoral muddy sediment	5	442							<	Mud habitats in deep water
5	A5.374	[Capitella capitata] and [Thyasira] spp. in organically-enriched offshore circalittoral mud and sandy mud	A5.374	[Capitella capitata] and [Thyasira] spp. in organically-enriched offshore circalittoral mud and sandy mud	S	SS.SMu.OMu.CapThy	Capitella capitata and Thyasira spp. in organically-enriched offshore circalittoral mud and sandy mud	5	443							<	Mud habitats in deep water
6	A5.3741	[Capitella capitata], [Thyasira] spp. and [Ophryotrocha dubia] inorganically-enriched offshore circalittoral mud or sandy mud	A5.3741	[Capitella capitata], [Thyasira] spp. and [Ophryotrocha dubia] inorganically-enriched offshore circalittoral mud or sandy mud	S	SS.SMu.OMu.CapThy.Odub	Capitella capitata, Thyasira spp. and *Ophryotrocha dubia* in organically-enriched offshore circalittoral sandy mud	6	444							<	Mud habitats in deep water
5	A5.375	[Levinsenia gracilis] and [Heteromastus filifirmis] in offshore circalittoral mud and sandy mud	A5.375	[Levinsenia gracilis] and [Heteromastus filifirmis] in offshore circalittoral mud and sandy mud	S	SS.SMu.OMu.LevHet	Levinsenia gracilis and *Heteromastus filifirmis* in offshore circalittoral mud and sandy mud	5	445							<	Mud habitats in deep water
5	A5.376	[Paramphinome jeffreysii], [Thyasira] spp. and [Amphiura filiformis] in offshore circalittoral sandy mud	A5.376	[Paramphinome jeffreysii], [Thyasira] spp. and [Amphiura filiformis] in offshore circalittoral sandy mud	S	SS.SMu.OMu.PjefThyAfil	Paramphinome jeffreysii, *Thyasira* spp. and *Amphiura filiformis* in offshore circalittoral sandy mud	5	446							<	Mud habitats in deep water
5	A5.377	[Myrtea spinifera] and polychaetes in offshore circalittoral sandy mud	A5.377	[Myrtea spinifera] and polychaetes in offshore circalittoral sandy mud	S	SS.SMu.OMu.MyrPo	Myrtea spinifera and polychaetes in offshore circalittoral sandy mud	5	447							<	Mud habitats in deep water
5	A5.378	Baltic muddy bottoms of the aphotic zone	A5.378	Baltic muddy bottoms of the aphotic zone													
4	**A5.38**	**Mediterranean communities of muddy detritic bottoms**	**A5.38**	**Mediterranean communities of muddy detritic bottoms**													
5	A5.381	Facies with [Ophiothrix quinquemaculata]	A5.381	Facies with [Ophiothrix quinquemaculata]													
4	**A5.39**	**Mediterranean communities of coastal terrigenous muds**	**A5.39**	**Mediterranean communities of coastal terrigenous muds**													
5	A5.391	Facies of soft muds with [Turritella tricarinata communis]	A5.391	Facies of soft muds with [Turritella tricarinata communis]													
5	A5.392	Facies of sticky muds with [Virgularia mirabilis] and [Pennatula phosphorea]	A5.392	Facies of sticky muds with [Virgularia mirabilis] and [Pennatula phosphorea]													
5	A5.393	Facies of sticky muds with [Alcyonium palmatum] and [Stichopus regalis]	A5.393	Facies of sticky muds with [Alcyonium palmatum] and [Stichopus regalis]													

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**A5.4**	**Sublittoral mixed sediments**	**A5.4**	**Sublittoral mixed sediments**	=	**SS.SMx**	**Sublittoral mixed sediment**	**3**	**448**								
4	**A5.41**	**Sublittoral mixed sediment in low or reduced salinity**	**A5.41**	**Sublittoral mixed sediment in low or reduced salinity (lagoons)**	S	**SS.SMx.SMxLS**	**Sublittoral mixed sediment in low or reduced salinity (lagoons)**	**4**	**449**							Typical of	Saline lagoons
5	A5.411	Baltic level mixed sediment bottoms of the infralittoral photic zone with little or no macrophyte vegetation	A5.411	Baltic level mixed sediment bottoms of the infralittoral photic zone with little or no macrophyte vegetation								Typical of	Lagoons				
5	A5.412	Baltic mixed sediment bottoms of the aphotic zone	A5.452	Baltic mixed sediment bottoms of the aphotic zone													
4	**A5.42**	**Sublittoral mixed sediment in variable salinity (estuaries)**	**A5.42**	**Sublittoral mixed sediment in variable salinity (estuaries)**	S	**SS.SMx.SMxVS**	**Sublittoral mixed sediment in variable salinity (estuaries)**	**4**	**450**								
5	A5.421	[Aphelochaeta] spp. and [Polydora] spp. in variable salinity infralittoral mixed sediment	A5.421	[Aphelochaeta] spp. and [Polydora] spp. in variable salinity infralittoral mixed sediment	S	SS.SMx.SMxVS.AphPol	Aphelochaeta spp. and *Polydora* spp. in variable salinity infralittoral mixed sediment	5	451			Typical of	Estuaries				
5	A5.422	[Crepidula fornicata] and [Mediomastus fragilis] in variable salinity infralittoral mixed sediment	A5.422	[Crepidula fornicata] and [Mediomastus fragilis] in variable salinity infralittoral mixed sediment	S	SS.SMx.SMxVS.CreMed	Crepidula fornicata and *Mediomastus fragilis* in variable salinity infralittoral mixed sediment	5	452			Typical of	Estuaries				
4	**A5.43**	**Infralittoral mixed sediments**	**A5.43**	**Infralittoral mixed sediments**	S	**SS.SMx.IMx**	**Infralittoral mixed sediment**	**4**	**453**			Typical of	Estuaries				
5	A5.431	[Crepidula fornicata] with ascidians and anemones on infralittoral coarse mixed sediment	A5.431	[Crepidula fornicata] with ascidians and anemones on infralittoral coarse mixed sediment	S	SS.SMx.IMx.CreAsAn	Crepidula fornicata with ascidians and anenomes on infralittoral coarse mixed sediment	5	454							<	Sheltered muddy gravels
5	A5.432	[Sabella pavonina] with sponges and anemones on infralittoral mixed sediment	A5.432	[Sabella pavonina] with sponges and anemones on infralittoral mixed sediment	S	SS.SMx.IMx.SpavSpAn	Sabella pavonina with sponges and anemones on infralittoral mixed sediment	5	455							<	Sheltered muddy gravels
5	A5.433	[Venerupis senegalensis], [Amphipholis squamata] and [Apseudes latreilli] in infralittoral mixed sediment	A5.433	[Venerupis senegalensis], [Amphipholis squamata] and [Apseudes latreilli] in infralittoral mixed sediment	S	SS.SMx.IMx.VsenAsquAps	Venerupis senegalensis, Amphipholis squamata and *Apseudes latreilli* in infralittoral mixed sediment	5	456							<	Sheltered muddy gravels
5	A5.434	[Limaria hians] beds in tide-swept sublittoral muddy mixed sediment	A5.434	[Limaria hians] beds in tide-swept sublittoral muddy mixed sediment	S	SS.SMx.IMx.Lim	Limaria hians beds in tide-swept sublittoral muddy mixed sediment	5	457							=	File shell beds
5	A5.435	[Ostrea edulis] beds on shallow sublittoral muddy mixed sediment	A5.435	[Ostrea edulis] beds on shallow sublittoral muddy mixed sediment	S	SS.SMx.IMx.Ost	Ostrea edulis beds on shallow sublittoral muddy mixed sediment	5	458					=	Ostrea edulis beds	<	Sheltered muddy gravels
4	**A5.44**	**Circalittoral mixed sediments**	**A5.44**	**Circalittoral mixed sediments**	S	**SS.SMx.CMx**	**Circalittoral mixed sediment**	**4**	**459**								
5	A5.441	[Cerianthus lloydii] and other burrowing anemones in circalittoral muddy mixed sediment	A5.441	[Cerianthus lloydii] and other burrowing anemones in circalittoral muddy mixed sediment	S	SS.SMx.CMx.ClloMx	Cerianthus lloydii and other burrowing anemones in circalittoral muddy mixed sediment	5	460								
6	A5.4411	[Cerianthus lloydii] with [Nemertesia] spp. and other hydroids in circalittoral muddy mixed sediment	A5.4411	[Cerianthus lloydii] with [Nemertesia] spp. and other hydroids in circalittoral muddy mixed sediment	S	SS.SMx.CMx.ClloMx.Nem	Cerianthus lloydii with *Nemertesia* spp. and other hydroids in circalittoral muddy mixed sediment	6	461								
5	A5.442	Sparse [Modiolus modiolus], dense [Cerianthus lloydii] and burrowing holothurians on sheltered circalittoral stones and mixed sediment	A5.442	Sparse [Modiolus modiolus], dense [Cerianthus lloydii] and burrowing holothurians on sheltered circalittoral stones and mixed sediment	S	SS.SMx.CMx.ClloModHo	Sparse *Modiolus modiolus* , dense *Cerianthus lloydii* and burrowing holothurians on sheltered circalittoral stones and mixed sediment	5	462								
5	A5.443	[Mysella bidentata] and [Thyasira] spp. in circalittoral muddy mixed sediment	A5.443	[Mysella bidentata] and [Thyasira] spp. in circalittoral muddy mixed sediment	S	SS.SMx.CMx.MysThyMx	Mysella bidentata and *Thyasira* spp. in circalittoral muddy mixed sediment	5	463								
5	A5.444	[Flustra foliacea] and [Hydrallmania falcata] on tide-swept circalittoral mixed sediment	A5.444	[Flustra foliacea] and [Hydrallmania falcata] on tide-swept circalittoral mixed sediment	S	SS.SMx.CMx.FluHyd	Flustra foliacea and *Hydrallmania falcata* on tide-swept circalittoral mixed sediment	5	464								
5	A5.445	[Ophiothrix fragilis] and/or [Ophiocomina nigra] brittlestar beds on sublittoral mixed sediment	A5.445	[Ophiothrix fragilis] and/or [Ophiocomina nigra] brittlestar beds on sublittoral mixed sediment	S	SS.SMx.CMx.OphMx	Ophiothrix fragilis and/or *Ophiocomina nigra* brittlestar beds on sublittoral mixed sediment	5	465								
5	A5.446	Sandy mixed sediment with [Alcyonidium diaphanum]	A5.446	Sandy mixed sediment with [Alcyonidium diaphanum]													
4	**A5.45**	**Deep circalittoral mixed sediments**	**A5.45**	**Deep mixed sediments**	<	**SS.SMx.OMx**	**Offshore circalittoral mixed sediment**	**4**	**466**								
5	A5.451	Polychaete-rich deep [Venus] community in offshore mixed sediments	A5.451	Polychaete-rich deep [Venus] community in offshore mixed sediments	S	SS.SMx.OMx.PoVen	Polychaete-rich deep *Venus* community in offshore gravelly muddy sand	5	467								
4	**A5.46**	**Mediterranean animal communities of coastal detritic bottoms**	**A5.46**	**Mediterranean communities of coastal detritic bottoms**													
5	A5.461	Facies with [Ophiura texturata]	A5.467	Facies with [Ophiura texturata]													
5	A5.462	Facies with Synascidies	A5.468	Facies with Synascidies													
5	A5.463	Facies with large Bryozoa	A5.469	Facies with large Bryozoa													
4	**A5.47**	**Mediterranean communities of shelf-edge detritic bottoms**	**A5.47**	**Mediterranean communities of shelf-edge detritic bottoms**													
5	A5.471	Facies with [Neolampas rostellata]	A5.471	Facies with [Neolampas rostellata]													
5	A5.472	Facies with [Leptometra phalangium]	A5.472	Facies with [Leptometra phalangium]													
3	**A5.5**	**Sublittoral macrophyte-dominated sediment**	**A5.5**	**Sublittoral macrophyte-dominated sediment**	=	**SS.SMp**	**Sublittoral macrophyte-dominated communities on sediments**	**3**	**468**								
4	**A5.51**	**Maerl beds**	**A5.51**	**Maerl beds**	S	**SS.SMp.Mrl**	**Maerl beds**	**4**	**469**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time			=	Mearl beds	=	Maerl beds
5	A5.511	[Phymatolithon calcareum] maerl beds in infralittoral clean gravel or coarse sand	A5.511	[Phymatolithon calcareum] maerl beds in infralittoral clean gravel or coarse sand	S	SS.SMp.Mrl.Pcal	Phymatolithon calcareum maerl beds in infralittoral clean gravel or coarse sand	5	470					<	Mearl beds	<	Maerl beds

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
6	A5.5111	[Phymatolithon calcareum] maerl beds with red seaweeds in shallow infralittoral clean gravel or coarse sand	A5.5111	[Phymatolithon calcareum] maerl beds with red seaweeds in shallow infralittoral clean gravel or coarse sand	S	SS.SMp.Mrl.Pcal.R	Phymatolithon calcareum maerl beds with red seaweeds in shallow infralittoral clean gravel or coarse sand	6	471					<	Mearl beds	<	Maerl beds
6	A5.5112	[Phymatolithon calcareum] maerl beds with [Neopentadactyla mixta] and other echinoderms in deeper infralittoral clean gravel or coarse sand	A5.5112	[Phymatolithon calcareum] maerl beds with [Neopentadactyla mixta] and other echinoderms in deeper infralittoral clean gravel or coarse sand	S	SS.SMp.Mrl.Pcal.Nmix	Phymatolithon calcareum maerl beds with *Neopentadactyla mixta* and other echinoderms in deeper infralittoral clean gravel or coarse sand	6	472					<	Mearl beds	<	Maerl beds
5	A5.512	[Lithothamnion glaciale] maerl beds in tide-swept variable salinity infralittoral gravel	A5.512	[Lithothamnion glaciale] maerl beds in tide-swept variable salinity infralittoral gravel	S	SS.SMp.Mrl.Lgla	Lithothamnion glaciale maerl beds in tide-swept variable salinity infralittoral gravel	5	475					<	Mearl beds	<	Maerl beds
5	A5.513	[Lithothamnion corallioides] maerl beds on infralittoral muddy gravel	A5.513	[Lithothamnion corallioides] maerl beds on infralittoral muddy gravel	S	SS.SMp.Mrl.Lcor	Lithothamnion corallioides maerl beds on infralittoral muddy gravel	5	473					<	Mearl beds	<	Maerl beds
5	A5.514	[Lithophyllum fasciculatum] maerl beds on infralittoral mud	A5.514	[Lithophyllum fasciculatum] maerl beds on infralittoral mud	S	SS.SMp.Mrl.Lfas	Lithophyllum fasciculatum maerl beds on infralittoral mud	5	474					<	Mearl beds	<	Maerl beds
5	A5.515	Association with rhodolithes in coarse sands and fine gravels under the influence of bottom currents	A5.515	Association with rhodolithes in coarse sands and fine gravels under the influence of bottom currents										<	Mearl beds		
5	A5.516	Association with rhodolithes on coastal detritic bottoms	A5.461	Association with rhodolithes on coastal detritic bottoms													
4	**A5.52**	**Kelp and seaweed communities on sublittoral sediment**	**A5.52**	**Kelp and seaweed communities on sublittoral sediment**	S	**SS.SMp.KSwSS**	**Kelp and seaweed communities on sublittoral sediment**	**4**	**476**								
5	A5.521	[Laminaria saccharina] and red seaweeds on infralittoral sediments	A5.521	[Laminaria saccharina] and red seaweeds on infralittoral sediments	S	SS.SMp.KSwSS.LsacR	Laminaria saccharina and red seaweeds on infralittoral sediments	5	477								
6	A5.5211	Red seaweeds and kelps on tide-swept mobile infralittoral cobbles and pebbles	A5.5211	Red seaweeds and kelps on tide-swept mobile infralittoral cobbles and pebbles	S	SS.SMp.KSwSS.LsacR.CbPb	Red seaweeds and kelps on tide-swept mobile infralittoral cobbles and pebbles	6	478							May occur in UKBAP type	Tide-swept channels
6	A5.5212	[Laminaria saccharina] and robust red algae on infralittoral gravel and pebble	A5.5212	[Laminaria saccharina] and robust red algae on infralittoral gravel and pebble	S	SS.SMp.KSwSS.LsacR.Gv	Laminaria saccharina and robust red algae on infralittoral gravel and pebble	6	479								
6	A5.5213	[Laminaria saccharina] and filamentous red algae on infralittoral sand	A5.5213	[Laminaria saccharina] and filamentous red algae on infralittoral sand	S	SS.SMp.KSwSS.LsacR.Sa	Laminaria saccharina and filamentous red algae on infralittoral sand	6	480								
6	A5.5214	[Laminaria saccharina] with red and brown seaweeds on lower infralittoral muddy mixed sediment	A5.5214	[Laminaria saccharina] with red and brown seaweeds on lower infralittoral muddy mixed sediment	S	SS.SMp.KSwSS.LsacR.Mu	Laminaria saccharina with red and brown seaweeds on lower infralittoral muddy mixed sediment	6	481			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.522	[Laminaria saccharina] and [Chorda filum] on sheltered upper infralittoral muddy sediment	A5.522	[Laminaria saccharina] and [Chorda filum] on sheltered upper infralittoral muddy sediment	S	SS.SMp.KSwSS.LsacCho	Laminaria saccharina and *Chorda filum* on sheltered upper infralittoral muddy sediment	5	482			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.523	[Laminaria saccharina] with [Psammechinus miliaris] and/or [Modiolus modiolus] on variable salinity infralittoral sediment	A5.523	[Laminaria saccharina] with [Psammechinus miliaris] and/or [Modiolus modiolus] on variable salinity infralittoral sediment	S	SS.SMp.KSwSS.LsacMxVS	Laminaria saccharina with *Psammechinus miliaris* and/or *Modiolus modiolus* on variable salinity infralittoral sediment	5	483			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.524	[Laminaria saccharina], [Gracilaria gracilis] and brown seaweeds on full salinity infralittoral sediment	A5.524	[Laminaria saccharina], [Gracilaria gracilis] and brown seaweeds on full salinity infralittoral sediment	S	SS.SMp.KSwSS.LsacGraFS	Laminaria saccharina, *Gracilaria gracilis* and brown seaweeds on full salinity infralittoral sediment	5	484			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.525	[Laminaria saccharina] and [Gracilaria gracilis] with sponges and ascidians on variable salinity infralittoral sediment	A5.525	[Laminaria saccharina] and [Gracilaria gracilis] with sponges and ascidians on variable salinity infralittoral sediment	S	SS.SMp.KSwSS.LsacGraVS	Laminaria saccharina and *Gracilaria gracilis* with sponges and ascidians on variable salinity infralittoral sediment	5	485			Typical of [rias]	Large shallow inlets and bays				
5	A5.526	Mats of [Trailliella] on infralittoral muddy gravel	A5.526	Mats of [Trailliella] on infralittoral muddy gravel	S	SS.SMp.KSwSS.Tra	Mats of *Trailliella* on infralittoral muddy gravel	5	486			Typical of [rias]	Large shallow inlets and bays				
5	A5.527	Loose-lying mats of [Phyllophora crispa] on infralittoral muddy sediment	A5.527	Loose-lying mats of [Phyllophora crispa] on infralittoral muddy sediment	S	SS.SMp.KSwSS.Pcri	Loose-lying mats of *Phyllophora crispa* on infralittoral muddy sediment	5	487			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.528	Filamentous green seaweeds on low salinity infralittoral mixed sediment or rock	A5.528	Filamentous green seaweeds on low salinity infralittoral mixed sediment or rock	S	SS.SMp.KSwSS.FilG	Filamentous green seaweeds on low salinity infralittoral mixed sediment or rock	5	488			Typical of [sealochs]	Large shallow inlets and bays				
5	A5.529	Facies with [Ficopomatus enigmaticus]	A5.529	Facies with [Ficopomatus enigmaticus]								Typical of [sealochs]	Large shallow inlets and bays				
5	A5.52A	Association with [Gracilaria] spp.	A5.52A	Association with [Gracilaria] spp.													
5	A5.52B	Association with [Chaetomorpha linum] and [Valonia aegagropila]	A5.52B	Association with [Chaetomorpha linum] and [Valonia aegagropila]													
5	A5.52C	Association with [Halopitys incurva]	A5.52C	Association with [Halopitys incurva]													
5	A5.52D	Association with [Ulva laetevirens] and [Enteromorpha linza]	A5.52D	Association with [Ulva laetevirens] and [Enteromorpha linza]													
5	A5.52E	Association with [Cystoseira barbata]	A5.52E	Association with [Cystoseira barbata]													
5	A5.52F	Association with [Lamprothamnium papulosum]	A5.52F	Association with [Lamprothamnium papulosum]													
5	A5.52G	Association with [Cladophora echinus] and [Rytiphloea tinctoria]	A5.52G	Association with [Cladophora echinus] and [Rytiphloea tinctoria]													
5	A5.52H	Association with [Peyssonnelia rosa-marina]	A5.462	Association with [Peyssonnelia rosa-marina]													
5	A5.52I	Association with [Arthrocladia villosa]	A5.463	Association with [Arthrocladia villosa]													
5	A5.52J	Association with [Osmundaria volubilis]	A5.464	Association with [Osmundaria volubilis]													
5	A5.52K	Association with [Kallymenia patens]	A5.465	Association with [Kallymenia patens]													
5	A5.52L	Association with [Laminaria rodriguezii]	A5.466	Association with [Laminaria rodriguezii]													
4	**A5.53**	**Sublittoral seagrass beds**	**A5.53**	**Sublittoral seagrass beds**	=	**SS.SMp.SSgr**	**Sublittoral seagrass beds**	**4**	**489**	Sub-types, if in <20m depth, may occur in Annex I type	Sandbanks which are slightly covered by sea water all the time					<	Seagrass beds

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
5	A5.531	[Cymodocea] beds	A5.531	[Cymodocea] beds								Typical of	Large shallow inlets and bays	=	Cymodocea meadows		
6	A5.5311	Macaronesian [Cymodocea] beds	A5.5311	Macaronesian [Cymodocea] beds													
6	A5.5312	Lusitanian [Cymodocea] beds	A5.5312	Lusitanian [Cymodocea] beds													
6	A5.5313	Mediterranean [Cymodocea] beds	A5.5313	Mediterranean [Cymodocea] beds													
7	A5.53131	Association with [Cymodocea nodosa] on well sorted fine sands	A5.53131	Association with [Cymodocea nodosa] on well sorted fine sands													
7	A5.53132	Association with [Cymodocea nodosa] on superficial muddy sands in sheltered waters	A5.53132	Association with [Cymodocea nodosa] on superficial muddy sands in sheltered waters													
5	A5.532	[Halophila] beds	A5.532	[Halophila] beds													
6	A5.5321	Canary Island [Halophila] beds	A5.5321	Canary Island [Halophila] beds													
6	A5.5322	Mediterranean [Halophila] beds	A5.5322	Mediterranean [Halophila] beds													
5	A5.533	[Zostera] beds in full salinity infralittoral sediments	A5.533	[Zostera] beds in full salinity infralittoral sediments										<	Zostera beds	<	Seagrass beds
6	A5.5331	[Zostera marina]/[angustifolia] beds on lower shore or infralittoral clean or muddy sand	A5.5331	[Zostera marina]/[angustifolia] beds on lower shore or infralittoral clean or muddy sand	S	SS.SMp.SSgr.Zmar	Zostera marina/angustifolia beds on lower shore or infralittoral clean or muddy sand	5	490	<	Mudflats and sandflats not covered by seawater at low tide	Typical of	Large shallow inlets and bays	<	Zostera beds	<	Seagrass beds
6	A5.5332	'Mediterranean [Zostera noltii] beds	A2.613	'Mediterranean [Zostera noltii] beds								Typical of	Large shallow inlets and bays				
7	A5.53321	Association with [Zostera noltii] in euryhaline and eurythermal environment	A5.5332	Association with [Zostera noltii] in euryhaline and eurythermal environment													
7	A5.53322	Association with [Zostera noltii] on superficial muddy sands in sheltered waters	A5.5334	Association with [Zostera noltii] on superficial muddy sands in sheltered waters													
6	A5.5333	Association with [Zostera marina] in euryhaline and eurythermal environment	A5.5333	Association with [Zostera marina] in euryhaline and eurythermal environment													
6	A5.5334	'Mediterranean [Zostera hornemanniana] beds	A2.614	'Mediterranean [Zostera hornemanniana] beds													
5	A5.534	[Ruppia] and [Zannichellia] communities	A5.534	[Ruppia] and [Zannichellia] communities													
6	A5.5341	Middle European [Ruppia] and [Zannichellia] communities	A5.5341	Middle European [Ruppia] and [Zannichellia] communities													
6	A5.5342	Tethyan marine [Ruppia] communities	A5.5342	Tethyan marine [Ruppia] communities													
6	A5.5343	[Ruppia maritima] in reduced salinity infralittoral muddy sand	A5.5343	[Ruppia maritima] in reduced salinity infralittoral muddy sand	S	SS.SMp.SSgr.Rup	Ruppia maritima in reduced salinity infralittoral muddy sand	5	491							<	Seagrass beds
5	A5.535	[Posidonia] beds	A5.535	[Posidonia] beds						=	Posidonia beds	Typical of	Lagoons				
6	A5.5351	Ecomorphosis of striped [Posidonia oceanica] meadows	A5.5351	Ecomorphosis of striped [Posidonia oceanica] meadows						<	Posidonia beds						
6	A5.5352	Ecomorphosis of "barrier-reef" [Posidonia oceanica] meadows	A5.5352	Ecomorphosis of "barrier-reef" [Posidonia oceanica] meadows						<	Posidonia beds						
6	A5.5353	Facies of dead "mattes" of [Posidonia oceanica] without much epiflora	A5.5353	Facies of dead "mattes" of [Posidonia oceanica] without much epiflora						?<	Posidonia beds						
6	A5.5354	Association with [Caulerpa prolifera] on [Posidonia] beds	A5.5354	Association with [Caulerpa prolifera] on [Posidonia] beds						<	Posidonia beds						
4	**A5.54**	**Angiosperm communities in reduced salinity**	**A5.54**	**Angiosperm communities in reduced salinity**	<	**SS.SMp.Ang**	**Angiosperm communities in reduced salinity**	**4**	**492**							Typical of	Saline lagoons
5	A5.541	Vegetation of brackish waters dominated by [Phragmites australis]	A5.541	Vegetation of brackish waters dominated by [Phragmites australis]	S	SS.SMp.Ang.S4	Phragmites australis swamp and reed beds	5	494			Typical of	Lagoons			Typical of	Saline lagoons
5	A5.542	Association with [Potamogeton pectinatus]	A5.542	Association with [Potamogeton pectinatus]	#	SS.SMp.Ang.A12	Potamogeton pectinatus community	5	493			Typical of	Lagoons			Typical of	Saline lagoons
5	A5.543	Vegetation of brackish waters dominated by [Ranunculus baudotii]	A5.543	Vegetation of brackish waters dominated by [Ranunculus baudotii]								Typical of	Lagoons				
5	A5.544	Vegetation of brackish waters dominated by [Scirpus lacustris] or [Scirpus tabernaemontani]	A5.544	Vegetation of brackish waters dominated by [Scirpus lacustris] or [Scirpus tabernaemontani]													
5	A5.545	[Zostera] beds in reduced salinity infralittoral sediments	A5.545	[Zostera] beds in reduced salinity infralittoral sediments										<	Zostera beds	<	Seagrass beds
3	**A5.6**	**Sublittoral biogenic reefs**	**A5.6**	**Sublittoral biogenic reefs**	=	**SS.SBR**	**Sublittoral biogenic reefs on sediment**	**3**	**495**	<	Reefs						
4	**A5.61**	**Sublittoral polychaete worm reefs on sediment**	**A5.61**	**Sublittoral polychaete worm reefs on sediment**	S	**SS.SBR.PoR**	**Polychaete worm reefs (on sublittoral sediment)**	**4**	**496**	<	Reefs						
5	A5.611	[Sabellaria spinulosa] on stable circalittoral mixed sediment	A5.611	[Sabellaria spinulosa] on stable circalittoral mixed sediment	S	SS.SBR.PoR.SspiMx	Sabellaria spinulosa on stable circalittoral mixed sediment	5	497	<	Reefs			<	Sabellaria spinulosa reefs	=	Sabellaria spinulosa reefs
5	A5.612	[Sabellaria alveolata] on variable salinity sublittoral mixed sediment	A5.612	[Sabellaria alveolata] on variable salinity sublittoral mixed sediment	S	SS.SBR.PoR.SalvMx	Sabellaria alveolata on variable salinity sublittoral mixed sediment	5	498	<	Reefs					<	Sabellaria alveolata reefs
5	A5.613	[Serpula vermicularis] reefs on very sheltered circalittoral muddy sand	A5.613	[Serpula vermicularis] reefs on very sheltered circalittoral muddy sand	S	SS.SBR.PoR.Ser	Serpula vermicularis reefs on very sheltered circalittoral muddy sand	5	499	<	Reefs					=	Serpulid reefs
4	**A5.62**	**Sublittoral mussel beds on sediment**	**A5.62**	**Sublittoral mussel beds on sediment**	S	**SS.SBR.SMus**	**Sublittoral mussel beds (on sublittoral sediment)**	**4**	**500**	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays				
5	A5.621	[Modiolus modiolus] beds with hydroids and red seaweeds on tide-swept circalittoral mixed substrata	A5.621	[Modiolus modiolus] beds with hydroids and red seaweeds on tide-swept circalittoral mixed substrata	S	SS.SBR.SMus.ModT	Modiolus modiolus beds with hydroids and red seaweeds on tide-swept circalittoral mixed substrata	5	501	<	Reefs			<	Modiolus modiolus beds	<	Horse mussel beds
5	A5.622	[Modiolus modiolus] beds on open coast circalittoral mixed sediment	A5.622	[Modiolus modiolus] beds on open coast circalittoral mixed sediment	S	SS.SBR.SMus.ModMx	Modiolus modiolus beds on open coast circalittoral mixed sediment	5	502	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays	<	Modiolus modiolus beds	<	Horse mussel beds
5	A5.623	[Modiolus modiolus] beds with fine hydroids and large solitary ascidians on very sheltered circalittoral mixed substrata	A5.623	[Modiolus modiolus] beds with fine hydroids and large solitary ascidians on very sheltered circalittoral mixed substrata	S	SS.SBR.SMus.ModHAs	Modiolus modiolus beds with fine hydroids and large solitary ascidians on very sheltered circalittoral mixed substrata	5	503	<	Reefs			<	Modiolus modiolus beds	<	Horse mussel beds

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5	A5.624	[Modiolus modiolus] beds with [Chlamys varia], sponges, hydroids and bryozoans on slightly tide-swept very sheltered circalittoral mixed substrata	A5.624	[Modiolus modiolus] beds with [Chlamys varia], sponges, hydroids and bryozoans on slightly tide-swept very sheltered circalittoral mixed substrata	S	SS.SBR.SMus.ModCvar	Modiolus modiolus beds with *Chlamys varia* , sponges, hydroids and bryozoans on slightly tide-swept very sheltered circalittoral mixed substrata	5	504	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays	<	Modiolus modiolus beds	<	Horse mussel beds
5	A5.625	[Mytilus edulis] beds on sublittoral sediment	A5.625	[Mytilus edulis] beds on sublittoral sediment	S	SS.SBR.SMus.MytSS	Mytilus edulis beds on sublittoral sediment	5	505	<	Reefs	Typical of [sealochs]	Large shallow inlets and bays			<	Blue mussel beds
5	A5.626	[Hiatella arctica] beds on silty clay with small pebbles and shells	A5.626	[Hiatella arctica] beds on silty clay with small pebbles and shells						?<	Reefs						
5	A5.627	Baltic mussel beds in the infralittoral photic zone	A5.627	Baltic mussel beds in the infralittoral photic zone						<	Reefs						
6	A5.6271	Baltic mussel beds in the infralittoral photic zone with little or no macrophyte vegetation	A5.6271	Baltic mussel beds in the infralittoral photic zone with little or no macrophyte vegetation						<	Reefs						
6	A5.6272	Baltic mussel beds of the infralittoral photic zone dominated by macrophyte vegetation	A5.6272	Baltic mussel beds of the infralittoral photic zone dominated by macrophyte vegetation						<	Reefs						
4	**A5.63**	**Circalittoral coral reefs**	**A5.63**	**Circalittoral coral reefs**	S	**SS.SBR.Crl**	**Coral reefs**	**4**	**506**	<	Reefs						
5	A5.631	Circalittoral [Lophelia pertusa] reefs	A5.631	Circalittoral [Lophelia pertusa] reefs	<	SS.SBR.Crl.Lop	Lophelia reefs	5	507	<	Reefs			<	Lophelia pertusa reefs	<	Cold-water coral reefs
3	**A5.7**	**Features of sublittoral sediments**	**A5.7**	**Features of sublittoral sediments**													
4	**A5.71**	**Seeps and vents in sublittoral sediments**	**A5.71**	**Seeps and vents in sublittoral sediments**													
5	A5.711	Bubbling reefs in the sublittoral euphotic zone	A5.711	Bubbling reefs in the sublittoral euphotic zone						<	Submarine structures made by leaking gases						
6	A5.7111	Bubbling reefs in the sublittoral euphotic zone with little or no macrophyte vegetation	A5.7111	Bubbling reefs in the sublittoral euphotic zone with little or no macrophyte vegetation						<	Submarine structures made by leaking gases						
6	A5.7112	Bubbling reefs in the sublittoral euphotic zone dominated by macrophyte vegetation	A5.7112	Bubbling reefs in the sublittoral euphotic zone dominated by macrophyte vegetation						<	Submarine structures made by leaking gases						
5	A5.712	Bubbling reefs in the aphotic zone	A5.712	Bubbling reefs in the aphotic zone						<	Submarine structures made by leaking gases						
5	A5.713	Freshwater seeps in sublittoral sediments	A5.713	Freshwater seeps in sublittoral sediments													
5	A5.714	Methane seeps in sublittoral sediments	A5.714	Methane seeps in sublittoral sediments													
5	A5.715	Oil seeps in sublittoral sediments	A5.715	Oil seeps in sublittoral sediments													
5	A5.716	Vents in sublittoral sediments	A5.716	Vents in sublittoral sediments													
4	**A5.72**	**Organically-enriched or anoxic sublittoral habitats**	**A5.72**	**Organically-enriched or anoxic sublittoral habitats**													
5	A5.721	Periodically and permanently anoxic sublittoral muds	A5.721	Periodically and permanently anoxic sublittoral muds													
6	A5.7211	[Beggiatoa] spp. on anoxic sublittoral mud	A5.7211	[Beggiatoa] spp. on anoxic sublittoral mud	S	SS.SMu.IFiMu.Beg	Beggiatoa spp. on anoxic sublittoral mud	5	426							<	Mud habitats in deep water
2	**A6**	**Deep-sea bed**	**A6**	**Deep-sea bed**										> OSPAR type may occur within some sub-types of A6	Coral gardens		
3	**A6.1**	**Deep-sea rock and artificial hard substrata**	**A6.1**	**Deep-sea rock and artificial hard substrata**						<	Reefs						
4	**A6.11**	**Deep-sea bedrock**	**A6.11**	**Deep-sea bedrock**						<	Reefs						
4	**A6.12**	**Deep-sea artificial hard substrata**	**A6.12**	**Deep-sea artificial hard substrata**													
4	**A6.13**	**Deep-sea manganese nodules**	**A6.13**	**Deep-sea manganese nodules**						?<	Reefs						
4	**A6.14**	**Boulders on the deep-sea bed**	**A6.14**	**Boulders on the deep-sea bed**						<	Reefs						
3	**A6.2**	**Deep-sea mixed substrata**	**A6.2**	**Deep-sea mixed substrata**													
4	**A6.21**	**Deep-sea lag deposits**	**A6.21**	**Deep-sea lag deposits**						?<	Reefs						
4	**A6.22**	**Deep-sea biogenic gravels (shells, coral debris)**	**A6.22**	**Deep-sea biogenic gravels (shells, coral debris)**													
4	**A6.23**	**Deep-sea calcareous pavements**	**A6.23**	**Deep-sea calcareous pavements**						?<	Reefs						
4	**A6.24**	**Communities of allochthonous material**	**A6.24**	**Communities of allochthonous material**													
5	A6.241	Communities of macrophyte debris	A6.241	Communities of macrophyte debris													
3	**A6.3**	**Deep-sea sand**	**A6.3**	**Deep-sea sand**													
4	**A6.31**	**Communities of bathyal detritic sands with [Grypheus vitreus]**	**A6.31**	**Communities of bathyal detritic sands with [Grypheus vitreus]**													
3	**A6.4**	**Deep-sea muddy sand**	**A6.4**	**Deep-sea muddy sand**													
3	**A6.5**	**Deep-sea mud**	**A6.5**	**Deep-sea mud**													
4	**A6.51**	**Mediterranean communities of bathyal muds**	**A6.51**	**Mediterranean communities of bathyal muds**													
5	A6.511	Facies of sandy muds with [Thenea muricata]	A6.511	Facies of sandy muds with [Thenea muricata]													
5	A6.512	Facies of fluid muds with [Brissopsis lyrifera]	A6.512	Facies of fluid muds with [Brissopsis lyrifera]													

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5	A6.513	Facies of soft muds with [Funiculina quadrangularis] and [Apporhais seressianus]	A6.513	Facies of soft muds with [Funiculina quadrangularis] and [Apporhais seressianus]													
5	A6.514	Facies of compact muds with [Isidella elongata]	A6.514	Facies of compact muds with [Isidella elongata]													
4	**A6.52**	**Communities of abyssal muds**	**A6.52**	**Communities of abyssal muds**													
3	**A6.6**	**Deep-sea bioherms**	**A6.6**	**Deep-sea bioherms**						<	Reefs						
4	**A6.61**	**Communities of deep-sea corals**	**A6.61**	**Communities of deep-sea corals**						<	Reefs						
5	A6.611	Deep-sea [Lophelia pertusa] reefs	A6.611	Deep-sea [Lophelia pertusa] reefs	<	SS.SBR.Crl.Lop	Lophelia reefs	5	507	<	Reefs			<	Lophelia pertusa reefs	<	Cold-water coral reefs
4	**A6.62**	**Deep-sea sponge aggregations**	**A6.62**	**Deep-sea sponge aggregations**						?<	Reefs			=	Deep-sea sponge aggregations	=	Deep-sea sponge communities
5	A6.621	Facies with [Pheronema grayi]	A6.621	Facies with [Pheronema grayi]						?<	Reefs						
3	**A6.7**	**Raised features of the deep-sea bed**	**A6.7**	**Raised features of the deep-sea bed**						Sub-types, if composed of hard substrata, may occur in Annex I type	Reefs						
4	**A6.71**	**Permanently submerged flanks of oceanic islands**	**A6.71**	**Permanently submerged flanks of oceanic islands**													
4	**A6.72**	**Seamounts, knolls and banks**	**A6.72**	**Seamounts, knolls and banks**										> Sub-types, if occurring on a seamount (rather than a knoll or bank), occur within OSPAR type	Seamounts	=	Seamount communities
5	A6.721	Summit communities of seamount, knoll or bank within euphotic zone	A6.721	Summit communities of seamount, knoll or bank within euphotic zone												<	Seamount communities
5	A6.722	Summit communities of seamount, knoll or bank within the mesopelagic zone, i.e. interacting with diurnally migrating plankton	A6.722	Summit communities of seamount, knoll or bank within the mesopelagic zone, i.e. interacting with diurnally migrating plankton												<	Seamount communities
5	A6.723	Deep summit communities of seamount, knoll or bank (i.e. below mesopelagic zone)	A6.723	Deep summit communities of seamount, knoll or bank (i.e. below mesopelagic zone)												<	Seamount communities
5	A6.724	Flanks of seamount, knoll or bank	A6.724	Flanks of seamount, knoll or bank												<	Seamount communities
5	A6.725	Base of seamount, knoll or bank	A6.725	Base of seamount, knoll or bank												<	Seamount communities
6	A6.7251	Moat around base of seamount, knoll or bank	A6.7251	Moat around base of seamount, knoll or bank												<	Seamount communities
4	**A6.73**	**Oceanic ridges**	**A6.73**	**Oceanic ridges**													
5	A6.731	Communities of ridge flanks	A6.731	Communities of ridge flanks													
5	A6.732	Communities of ridge axial trough (i.e. non-vent fauna)	A6.732	Communities of ridge axial trough (i.e. non-vent fauna)													
5	A6.733	Oceanic ridge without hydrothermal effects	A6.733	Oceanic ridge without hydrothermal effects													
4	**A6.74**	**Abyssal hills**	**A6.74**	**Abyssal hills**													
4	**A6.75**	**Carbonate mounds**	**A6.75**	**Carbonate mounds**										=	Carbonate mounds	=	Carbonate mounds
3	**A6.8**	**Deep-sea trenches and canyons, channels, slope failures and slumps on the continental slope**	**A6.8**	**Deep-sea trenches and canyons, channels, slope failures and slumps on the continental slope**						Sub-types, if composed of hard substrata, may occur in Annex I type	Reefs						
4	**A6.81**	**Canyons, channels, slope failures and slumps on the continental slope**	**A6.81**	**Canyons, channels, slope failures and slumps on the continental slope**													
5	A6.811	Active downslope channels	A6.811	Active downslope channels													
5	A6.812	Inactive downslope channels	A6.812	Inactive downslope channels													
5	A6.813	Alongslope channels	A6.813	Alongslope channels													
5	A6.814	Turbidites and fans	A6.814	Turbidites and fans													
4	**A6.82**	**Deep-sea trenches**	**A6.82**	**Deep-sea trenches**													
3	**A6.9**	**Vents, seeps, hypoxic and anoxic habitats of the deep sea**	**A6.9**	**Vents, seeps, hypoxic and anoxic habitats of the deep sea**						Sub-types may occur in Annex I habitat	Submarine structures made by leaking gases						
4	**A6.91**	**Deep-sea reducing habitats**	**A6.91**	**Deep-sea reducing habitats**													
5	A6.911	Seeps in the deep-sea bed	A6.911	Seeps in the deep-sea bed													
6	A6.9111	Cold seep benthic communities of hadal zone	A6.9111	Cold seep benthic communities of hadal zone													
5	A6.912	Gas hydrates in deep-sea	A6.912	Gas hydrates in deep-sea													
5	A6.913	Cetacean and other carcasses on the deep-sea bed	A6.913	Cetacean and other carcasses on the deep-sea bed													

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4	A6.92	Deep-sea bed influenced by hypoxic water column	A6.92	Deep-sea bed influenced by hypoxic water column													
4	A6.93	Isolated 'oceanic' features influenced by hypoxic water column	A6.93	Isolated 'oceanic' features influenced by hypoxic water column													
4	A6.94	Vents in the deep sea	A6.94	Vents in the deep sea										=	Oceanic ridges with hydrothermal vents/fields		
5	A6.941	Active vent fields	A6.941	Active vent fields													
5	A6.942	Inactive vent fields	A6.942	Inactive vent fields													
2	A7	Pelagic water column	A7	Pelagic water column													
3	A7.1	Neuston	A7.1	Neuston													
4	A7.11	Temporary neuston layer	A7.11	Temporary neuston layer													
4	A7.12	Permanent neuston layer	A7.12	Permanent neuston layer													
3	A7.2	Completely mixed water column with reduced salinity	A7.2	Completely mixed water column with reduced salinity													
4	A7.21	Completely mixed water column with reduced salinity and short residence time	A7.21	Completely mixed water column with reduced salinity and short residence time													
5	A7.211	Baltic outer unenclosed seasonally stratified coastal water	A7.211	Baltic outer unenclosed seasonally stratified coastal water													
4	A7.22	Completely mixed water column with reduced salinity and medium residence time	A7.22	Completely mixed water column with reduced salinity and medium residence time													
5	A7.221	Baltic inner unenclosed seasonally stratified coastal water	A7.221	Baltic inner unenclosed seasonally stratified coastal water													
4	A7.23	Completely mixed water column with reduced salinity and long residence time	A7.23	Completely mixed water column with reduced salinity and long residence time													
5	A7.231	Water body of Baltic eutrophic coastal lakes	A7.231	Water body of Baltic eutrophic coastal lakes													
5	A7.232	Water body of Baltic mesotrophic coastal lakes	A7.232	Water body of Baltic mesotrophic coastal lakes													
5	A7.233	Water body of Baltic eutrophic glo-lakes	A7.233	Water body of Baltic eutrophic glo-lakes													
5	A7.234	Water body of Baltic mesotrophic glo-lakes	A7.234	Water body of Baltic mesotrophic glo-lakes													
3	A7.3	Completely mixed water column with full salinity	A7.3	Completely mixed water column with full salinity													
4	A7.31	Completely mixed water column with full salinity and short residence time	A7.31	Completely mixed water column with full salinity and short residence time													
4	A7.32	Completely mixed water column with full salinity and medium residence time	A7.32	Completely mixed water column with full salinity and medium residence time													
4	A7.33	Completely mixed water column with full salinity and long residence time	A7.33	Completely mixed water column with full salinity and long residence time													
3	A7.4	Partially mixed water column with reduced salinity and medium or long residence time	A7.4	Partially mixed water column with reduced salinity and medium or long residence time													
4	A7.41	Partially mixed water column with reduced salinity and medium residence time	A7.41	Partially mixed water column with reduced salinity and medium residence time													
4	A7.42	Partially mixed water column with reduced salinity and long residence time	A7.42	Partially mixed water column with reduced salinity and long residence time													
3	A7.5	Unstratified water column with reduced salinity	A7.5	Unstratified water column with reduced salinity													
4	A7.51	Euphotic (epipelagic) zone in unstratified reduced salinity water	A7.51	Euphotic (epipelagic) zone in unstratified reduced salinity water													
4	A7.52	Mesopelagic zone in unstratified reduced salinity water	A7.52	Mesopelagic zone in unstratified reduced salinity water													
4	A7.53	Bathypelagic zone in unstratified reduced salinity water	A7.53	Bathypelagic zone in unstratified reduced salinity water													
4	A7.54	Abyssopelagic zone in unstratified reduced salinity water	A7.54	Abyssopelagic zone in unstratified reduced salinity water													
3	A7.6	Vertically stratified water column with reduced salinity	A7.6	Vertically stratified water column with reduced salinity													
4	A7.61	Water column with ephemeral thermal stratification and reduced salinity	A7.61	Water column with ephemeral thermal stratification and reduced salinity													

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4	A7.62	Water column with seasonal thermal stratification and reduced salinity	A7.62	Water column with seasonal thermal stratification and reduced salinity													
4	A7.63	Water column with permanent thermal stratification and reduced salinity	A7.63	Water column with permanent thermal stratification and reduced salinity													
4	A7.64	Water column with ephemeral halocline and reduced salinity	A7.64	Water column with ephemeral halocline and reduced salinity													
4	A7.65	Water column with seasonal halocline and reduced salinity	A7.65	Water column with seasonal halocline and reduced salinity													
4	A7.66	Water column with permanent halocline and reduced salinity	A7.66	Water column with permanent halocline and reduced salinity													
5	A7.661	Baltic offshore deep water above the halocline	A7.661	Baltic offshore deep water above the halocline													
5	A7.662	Baltic offshore deep water below the halocline	A7.662	Baltic offshore deep water below the halocline													
4	A7.67	Water column with ephemeral oxygen stratification and reduced salinity	A7.67	Water column with ephemeral oxygen stratification and reduced salinity													
4	A7.68	Water column with seasonal oxygen stratification and reduced salinity	A7.68	Water column with seasonal oxygen stratification and reduced salinity													
4	A7.69	Water column with permanent oxygen stratification and reduced salinity	A7.69	Water column with permanent oxygen stratification and reduced salinity													
3	A7.7	Fronts in reduced salinity water column	A7.7	Fronts in reduced salinity water column													
4	A7.71	Ephemeral fronts in reduced salinity water column	A7.71	Ephemeral fronts in reduced salinity water column													
4	A7.72	Seasonal fronts in reduced salinity water column	A7.72	Seasonal fronts in reduced salinity water column													
4	A7.73	Persistent fronts in reduced salinity water column	A7.73	Persistent fronts in reduced salinity water column													
3	A7.8	Unstratified water column with full salinity	A7.8	Unstratified water column with full salinity													
4	A7.81	Euphotic (epipelagic) zone in unstratified full salinity water	A7.81	Euphotic (epipelagic) zone in unstratified full salinity water													
4	A7.82	Mesopelagic zone in unstratified full salinity water	A7.82	Mesopelagic zone in unstratified full salinity water													
4	A7.83	Bathypelagic zone in unstratified full salinity water	A7.83	Bathypelagic zone in unstratified full salinity water													
4	A7.84	Abyssopelagic zone in unstratified full salinity water	A7.84	Abyssopelagic zone in unstratified full salinity water													
3	A7.9	Vertically stratified water column with full salinity	A7.9	Vertically stratified water column with full salinity													
4	A7.91	Water column with ephemeral thermal stratification and full salinity	A7.91	Water column with ephemeral thermal stratification and full salinity													
4	A7.92	Water column with seasonal thermal stratification and full salinity	A7.92	Water column with seasonal thermal stratification and full salinity													
4	A7.93	Water column with permanent thermal stratification and full salinity	A7.93	Water column with permanent thermal stratification and full salinity													
4	A7.94	Water column with ephemeral halocline and full salinity	A7.94	Water column with ephemeral halocline and full salinity													
4	A7.95	Water column with seasonal halocline and full salinity	A7.95	Water column with seasonal halocline and full salinity													
4	A7.96	Water column with permanent halocline and full salinity	A7.96	Water column with permanent halocline and full salinity													
4	A7.97	Water column with ephemeral oxygen stratification and full salinity	A7.97	Water column with ephemeral oxygen stratification and full salinity													
4	A7.98	Water column with seasonal oxygen stratification and full salinity	A7.98	Water column with seasonal oxygen stratification and full salinity													
4	A7.99	Water column with permanent oxygen stratification and full salinity	A7.99	Water column with permanent oxygen stratification and full salinity													
5	A7.991	Anoxic water column in water with permanent oxygen stratification and full salinity	A7.991	Anoxic water column in water with permanent oxygen stratification and full salinity													
3	A7.A	Fronts in full salinity water column	A7.A	Fronts in full salinity water column													

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4	A7.A1	Ephemeral fronts in full salinity water column	A7.A1	Ephemeral fronts in full salinity water column													
4	A7.A2	Seasonal fronts in full salinity water column	A7.A2	Seasonal fronts in full salinity water column													
4	A7.A3	Persistent fronts in full salinity water column	A7.A3	Persistent fronts in full salinity water column													
2	A8	Ice-associated marine habitats	A8	Ice-associated marine habitats													
3	A8.1	Sea ice	A8.1	Sea ice													
4	A8.11	Seasonal pack-ice	A8.11	Seasonal pack-ice													
4	A8.12	Permanent pack-ice	A8.12	Permanent pack-ice													
4	A8.13	Ice floes	A8.13	Ice floes													
3	A8.2	Freshwater ice	A8.2	Freshwater ice													
4	A8.21	Large tabular iceberg	A8.21	Large tabular iceberg													
4	A8.22	Medium iceberg	A8.22	Medium iceberg													
4	A8.23	Small iceberg	A8.23	Small iceberg													
4	A8.24	Bergy bit	A8.24	Bergy bit													
4	A8.25	Growler	A8.25	Growler													
3	A8.3	Brine channels	A8.3	Brine channels													
4	A8.31	Brine channels in first year ice	A8.31	Brine channels in first year ice													
4	A8.32	Brine channels in multi-year ice	A8.32	Brine channels in multi-year ice													
3	A8.4	Under-ice habitat	A8.4	Under-ice habitat													
4	A8.41	Under-ice habitat in first-year ice	A8.41	Under-ice habitat in first-year ice													
4	A8.42	Under-ice habitat in multi-year ice	A8.42	Under-ice habitat in multi-year ice													
1	B	Coastal habitats	B	Coastal habitats													
2	B1	Coastal dunes and sandy shores	B1	Coastal dunes and sandy shores													
3	B1.1	Sand beach driftlines	B1.1	Sand beach driftlines													
4	B1.11	Boreo-Arctic sand beach annual communities	B1.11	Boreo-Arctic sand beach annual communities													
4	B1.12	Middle European sand beach annual communities	B1.12	Middle European sand beach annual communities													
5	B1.121	Baltic sand beach annual communities	B1.121	Baltic sand beach annual communities													
4	B1.13	Tethyan sand beach driftline communities	B1.13	Tethyan sand beach driftline communities													
5	B1.131	Western Tethyan sand beach annual communities	B1.131	Western Tethyan sand beach annual communities													
5	B1.132	Pontic sand beach annual communities	B1.132	Pontic sand beach annual communities													
5	B1.133	Pontic sand beach perennial communities	B1.133	Pontic sand beach perennial communities													
3	B1.2	Sand beaches above the driftline	B1.2	Sand beaches above the driftline													
4	B1.21	Unvegetated sand beaches above the driftline	B1.21	Unvegetated sand beaches above the driftline													
5	B1.211	Baltic unvegetated spits and bars above the driftline	B1.211	Baltic unvegetated spits and bars above the driftline													
5	B1.212	Baltic unvegetated sandy beaches above the driftline	B1.212	Baltic unvegetated sandy beaches above the driftline													
4	B1.22	Biocenosis of supralittoral sands	B1.22	Biocenosis of supralittoral sands													
5	B1.221	Facies of depressions with residual humidity	B1.221	Facies of depressions with residual humidity													
5	B1.222	Facies of quickly-drying wracks	B1.222	Facies of quickly-drying wracks													
5	B1.223	Facies of tree trunks which have been washed ashore	B1.223	Facies of tree trunks which have been washed ashore													
5	B1.224	Facies of phanerogams which have been washed ashore (upper part)	B1.224	Facies of phanerogams which have been washed ashore (upper part)													
4	B1.23	Boreo-arctic sand beach perennial communities	B1.23	Boreo-arctic sand beach perennial communities													
5	B1.231	North Sea sand beach perennial communities	B1.231	North Sea sand beach perennial communities													
5	B1.232	Baltic sand beach perennial communities	B1.232	Baltic sand beach perennial communities													
5	B1.233	Boreo-Bothnian sand beach perennial communities	B1.233	Boreo-Bothnian sand beach perennial communities													
5	B1.234	Icelandic sand beach perennial communities	B1.234	Icelandic sand beach perennial communities													
5	B1.235	Beach ridges consisting of algal or other plant material	B1.235	Beach ridges consisting of algal or other plant material													
4	B1.24	Sandy beach ridges with no or low vegetation	B1.24	Sandy beach ridges with no or low vegetation													
4	B1.25	Sandy beach ridges dominated by shrubs or trees	B1.25	Sandy beach ridges dominated by shrubs or trees													

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3	B1.3	Shifting coastal dunes	B1.3	Shifting coastal dunes													
4	B1.31	Embryonic shifting dunes	B1.31	Embryonic shifting dunes													
5	B1.311	Atlantic embryonic dunes	B1.311	Atlantic embryonic dunes													
5	B1.312	Western Tethyan embryonic dunes	B1.312	Western Tethyan embryonic dunes													
5	B1.313	Pontic embryonic dunes	B1.313	Pontic embryonic dunes													
5	B1.314	Large migrating dunes with no or low vegetation	B1.314	Large migrating dunes with no or low vegetation													
4	B1.32	White dunes	B1.32	White dunes													
5	B1.321	Atlantic white dunes	B1.321	Atlantic white dunes													
6	B1.3211	Coastal dunes: white dunes (sensu strictu)	B1.3211	Coastal dunes: white dunes (sensu strictu)													
6	B1.3212	Coastal dunes: green dunes	B1.3212	Coastal dunes: green dunes													
5	B1.322	Western Tethyan white dunes	B1.322	Western Tethyan white dunes													
5	B1.323	Canario-Saharan white dunes	B1.323	Canario-Saharan white dunes													
5	B1.324	Pontic white dunes	B1.324	Pontic white dunes													
4	B1.33	Young boreo-arctic dunes	B1.33	Young boreo-arctic dunes													
3	B1.4	Coastal stable dune grassland (grey dunes)	B1.4	Coastal stable dune grassland (grey dunes)													
4	B1.41	Northern fixed grey dunes	B1.41	Northern fixed grey dunes													
5	B1.411	Crested-hairgrass dune communities	B1.411	Crested-hairgrass dune communities													
5	B1.412	Grey-hairgrass dune communities	B1.412	Grey-hairgrass dune communities													
5	B1.413	Mouse-ear dune communities	B1.413	Mouse-ear dune communities													
4	B1.42	Biscay fixed grey dunes	B1.42	Biscay fixed grey dunes													
4	B1.43	Mediterraneo-Atlantic fixed grey dunes	B1.43	Mediterraneo-Atlantic fixed grey dunes													
4	B1.44	East Mediterranean fixed grey dunes	B1.44	East Mediterranean fixed grey dunes													
4	B1.45	Atlantic dune [Mesobromion] grassland	B1.45	Atlantic dune [Mesobromion] grassland													
4	B1.46	Atlantic dune thermophile fringes	B1.46	Atlantic dune thermophile fringes													
4	B1.47	Dune fine-grass annual communities	B1.47	Dune fine-grass annual communities													
4	B1.48	Tethyan dune deep sand therophyte communities	B1.48	Tethyan dune deep sand therophyte communities													
4	B1.49	Dune Mediterranean xeric grassland	B1.49	Dune Mediterranean xeric grassland													
4	B1.4A	Thermo-Atlantic succulent and semi-fixed dunes	B1.4A	Thermo-Atlantic succulent and semi-fixed dunes													
4	B1.4B	Pontic fixed dunes	B1.4B	Pontic fixed dunes													
5	B1.4B1	Western Pontic fixed dunes	B1.4B1	Western Pontic fixed dunes													
6	B1.4B11	Southwestern Pontic fixed dunes	B1.4B11	Southwestern Pontic fixed dunes													
6	B1.4B12	Northwestern Pontic fixed dunes	B1.4B12	Northwestern Pontic fixed dunes													
5	B1.4B2	Eastern Pontic fixed dunes	B1.4B2	Eastern Pontic fixed dunes													
5	B1.4B3	Southern Pontic fixed dunes	B1.4B3	Southern Pontic fixed dunes													
4	B1.4C	Boreo-arctic grey dunes	B1.4C	Boreo-arctic grey dunes													
3	B1.5	Coastal dune heaths	B1.5	Coastal dune heaths													
4	B1.51	[Empetrum] brown dunes	B1.51	[Empetrum] brown dunes													
4	B1.52	[Calluna vulgaris] brown dunes	B1.52	[Calluna vulgaris] brown dunes													
5	B1.521	East Anglian ling coastal dune heaths	B1.521	East Anglian ling coastal dune heaths													
5	B1.522	French ling coastal dune heaths	B1.522	French ling coastal dune heaths													
5	B1.523	British bell heather coastal dune heaths	B1.523	British bell heather coastal dune heaths													
5	B1.524	French bell heather coastal dune heaths	B1.524	French bell heather coastal dune heaths													
5	B1.525	French Dorset heath coastal dune heaths	B1.525	French Dorset heath coastal dune heaths													
5	B1.526	Iberian green heather coastal dune heaths	B1.526	Iberian green heather coastal dune heaths													
5	B1.527	Iberian Dorset heath coastal dune heaths	B1.527	Iberian Dorset heath coastal dune heaths													
5	B1.528	Northern ling coastal dune heaths	B1.528	Northern ling coastal dune heaths													
3	B1.6	Coastal dune scrub	B1.6	Coastal dune scrub													
4	B1.61	Coastal dune thickets	B1.61	Coastal dune thickets													
5	B1.611	[Hippophae rhamnoides] dune thickets	B1.611	[Hippophae rhamnoides] dune thickets													
5	B1.612	Western nemoral mixed dune thickets	B1.612	Western nemoral mixed dune thickets													
4	B1.62	[Salix arenaria] mats	B1.62	[Salix arenaria] mats													
4	B1.63	Dune [Juniperus] thickets	B1.63	Dune [Juniperus] thickets													
5	B1.631	Dune prickly juniper thickets	B1.631	Dune prickly juniper thickets													
5	B1.632	Lycian juniper thickets	B1.632	Lycian juniper thickets													
5	B1.633	Rufescent juniper thickets	B1.633	Rufescent juniper thickets													
5	B1.634	Common juniper dune thickets	B1.634	Common juniper dune thickets													
4	B1.64	Dune sclerophyllous scrubs and thickets	B1.64	Dune sclerophyllous scrubs and thickets													
3	B1.7	Coastal dune woods	B1.7	Coastal dune woods													

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4	B1.71	Coastal brown dunes covered with natural or almost natural coniferous forest, e.g. [Pinus silvestris]	B1.71	Coastal brown dunes covered with natural or almost natural coniferous forest, e.g. [Pinus silvestris]													
4	B1.72	Coastal brown dunes covered with deciduous forest ([Fagus], [Betula], [Quercus])	B1.72	Coastal brown dunes covered with deciduous forest ([Fagus], [Betula], [Quercus])													
3	B1.8	Moist and wet dune slacks	B1.8	Moist and wet dune slacks													
4	B1.81	Dune-slack pools	B1.81	Dune-slack pools													
4	B1.82	Dune-slack pioneer swards	B1.82	Dune-slack pioneer swards													
4	B1.83	Dune-slack fens	B1.83	Dune-slack fens													
4	B1.84	Dune-slack grassland and heaths	B1.84	Dune-slack grassland and heaths													
4	B1.85	Dune-slack reedbeds, sedgebeds and canebeds	B1.85	Dune-slack reedbeds, sedgebeds and canebeds													
4	B1.86	Coastal dunes: wet dune slacks: dominated by shrubs or trees	B1.86	Coastal dunes: wet dune slacks: dominated by shrubs or trees													
3	B1.9	Machair	B1.9	Machair													
2	B2	Coastal shingle	B2	Coastal shingle													
3	B2.1	Shingle beach driftlines	B2.1	Shingle beach driftlines													
4	B2.11	Boreo-arctic gravel beach annual communities	B2.11	Boreo-arctic gravel beach annual communities													
4	B2.12	Atlantic and Baltic shingle beach drift lines	B2.12	Atlantic and Baltic shingle beach drift lines													
4	B2.13	Gravel beach communities of the mediterranean region	B2.13	Gravel beach communities of the mediterranean region													
4	B2.14	Biocenosis of slowly drying wracks	B2.14	Biocenosis of slowly drying wracks													
3	B2.2	Unvegetated mobile shingle beaches above the driftline	B2.2	Unvegetated mobile shingle beaches above the driftline													
3	B2.3	Upper shingle beaches with open vegetation	B2.3	Upper shingle beaches with open vegetation													
4	B2.31	Baltic [Crambe maritima] communities	B2.31	Baltic [Crambe maritima] communities													
4	B2.32	Channel [Crambe maritima] communities	B2.32	Channel [Crambe maritima] communities													
4	B2.33	Atlantic [Crambe maritima] communities	B2.33	Atlantic [Crambe maritima] communities													
3	B2.4	Fixed shingle beaches, with herbaceous vegetation	B2.4	Fixed shingle beaches, with herbaceous vegetation													
4	B2.41	Euro-Siberian gravel bank grasslands	B2.41	Euro-Siberian gravel bank grasslands													
3	B2.5	Shingle and gravel beaches with scrub	B2.5	Shingle and gravel beaches with scrub													
4	B2.51	Euro-Siberian gravel bank heaths	B2.51	Euro-Siberian gravel bank heaths													
3	B2.6	Shingle and gravel beach woodland	B2.6	Shingle and gravel beach woodland													
2	B3	Rock cliffs, ledges and shores, including the supralittoral	B3	Rock cliffs, ledges and shores, including the supralittoral													
3	B3.1	Supralittoral rock (lichen or splash zone)	B3.1	Supralittoral rock (lichen or splash zone)						<	Reefs					<	Maritime cliffs and slopes
4	B3.11	Lichens or small green algae on supralittoral and littoral fringe rock	B3.11	Lichens or small green algae on supralittoral and littoral fringe rock	S	LR.FLR.Lic	Lichens or small green algae on supralittoral and littoral fringe rock	4	64	<	Reefs					<	Maritime cliffs and slopes
5	B3.111	Yellow and grey lichens on supralittoral rock	B3.111	Yellow and grey lichens on supralittoral rock	S	LR.FLR.Lic.YG	Yellow and grey lichens on supralittoral rock	5	65	<	Reefs					<	Maritime cliffs and slopes
5	B3.112	[Prasiola stipitata] on nitrate-enriched supralittoral or littoral fringe rock	B3.112	[Prasiola stipitata] on nitrate-enriched supralittoral or littoral fringe rock	S	LR.FLR.Lic.Pra	*Prasiola stipitata* on nitrate-enriched supralittoral or littoral fringe rock	5	66	<	Reefs					<	Maritime cliffs and slopes
5	B3.113	[Verrucaria maura] on littoral fringe rock	B3.113	[Verrucaria maura] on littoral fringe rock	S	LR.FLR.Lic.Ver	Verrucaria maura on littoral fringe rock	5	67	<	Reefs						
6	B3.1131	[Verrucaria maura] and sparse barnacles on exposed littoral fringe rock	B3.1131	[Verrucaria maura] and sparse barnacles on exposed littoral fringe rock	S	LR.FLR.Lic.Ver.B	*Verrucaria maura* and sparse barnacles on exposed littoral fringe rock	6	68	<	Reefs						
6	B3.1132	[Verrucaria maura] on very exposed to very sheltered upper littoral fringe rock	B3.1132	[Verrucaria maura] on very exposed to very sheltered upper littoral fringe rock	S	LR.FLR.Lic.Ver.Ver	*Verrucaria maura* on very exposed to very sheltered upper littoral fringe rock	6	69	<	Reefs						
5	B3.114	[Blidingia] spp. on vertical littoral fringe chalk	B3.114	[Blidingia] spp. on vertical littoral fringe chalk	S	LR.FLR.Lic.Bli	*Blidingia* spp. on vertical littoral fringe soft rock	5	70	<	Reefs			May occur in OSPAR type	Littoral chalk communities		
5	B3.115	[Ulothrix flacca] and [Urospora] spp. on freshwater-influenced vertical littoral fringe soft rock	B3.115	[Ulothrix flacca] and [Urospora] spp. on freshwater-influenced vertical littoral fringe soft rock	S	LR.FLR.Lic.UloUro	*Ulothrix flacca* and *Urospora* spp. on freshwater-influenced vertical littoral fringe soft rock	5	71	<	Reefs			May occur in OSPAR type	Littoral chalk communities		
5	B3.116	Association with [Entophysalis deusta] and [Verrucaria amphibia]	B3.116	Association with [Entophysalis deusta] and [Verrucaria amphibia]													
4	B3.12	Rock stacks and islets above high tide level in splash zone	B3.12	Rock stacks and islets above high tide level in splash zone													

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3	**B3.2**	**Unvegetated rock cliffs, ledges, shores and islets**	**B3.2**	**Unvegetated rock cliffs, ledges, shores and islets**													
4	**B3.21**	**High Arctic sea-cliffs and rocky shores**	**B3.21**	**High Arctic sea-cliffs and rocky shores**													
4	**B3.22**	**Atlantic low Arctic sea-cliffs and rocky shores**	**B3.22**	**Atlantic low Arctic sea-cliffs and rocky shores**													
4	**B3.23**	**Temperate Atlantic sea-cliffs and rocky shores**	**B3.23**	**Temperate Atlantic sea-cliffs and rocky shores**													
4	**B3.24**	**Unvegetated Baltic rocky shores and cliffs**	**B3.24**	**Unvegetated Baltic rocky shores and cliffs**													
5	B3.241	Baltic boulder beaches	B3.241	Baltic boulder beaches													
5	B3.242	Baltic unvegetated gently sloping limestone rocky shores	B3.242	Baltic unvegetated gently sloping limestone rocky shores													
5	B3.243	Baltic unvegetated gently sloping sandstone rocky shores	B3.243	Baltic unvegetated gently sloping sandstone rocky shores													
5	B3.244	Baltic unvegetated gently sloping crystalline bedrock shores	B3.244	Baltic unvegetated gently sloping crystalline bedrock shores													
5	B3.245	Baltic unvegetated coastal limestone cliffs and caves	B3.245	Baltic unvegetated coastal limestone cliffs and caves													
5	B3.246	Baltic unvegetated coastal sandstone cliffs and caves	B3.246	Baltic unvegetated coastal sandstone cliffs and caves													
5	B3.247	Baltic unvegetated coastal crystalline bedrock cliffs and caves	B3.247	Baltic unvegetated coastal crystalline bedrock cliffs and caves													
4	**B3.25**	**Subtropical Atlantic sea-cliffs and rocky shores**	**B3.25**	**Subtropical Atlantic sea-cliffs and rocky shores**													
4	**B3.26**	**Mediterraneo-Pontic sea-cliffs and rocky shores**	**B3.26**	**Mediterraneo-Pontic sea-cliffs and rocky shores**													
4	**B3.27**	**Rock stacks and islets above splash zone**	**B3.27**	**Rock stacks and islets above splash zone**													
3	**B3.3**	**Rock cliffs, ledges and shores, with angiosperms**	**B3.3**	**Rock cliffs, ledges and shores, with angiosperms**													
4	**B3.31**	**Atlantic sea-cliff communities**	**B3.31**	**Atlantic sea-cliff communities**													
4	**B3.32**	**Vegetated Baltic gently sloping rocky shores and cliffs**	**B3.32**	**Vegetated Baltic gently sloping rocky shores and cliffs**													
5	B3.321	Baltic gently sloping limestone rocky shores with low vegetation	B3.321	Baltic gently sloping limestone rocky shores with low vegetation													
5	B3.322	Baltic gently sloping limestone rocky shores dominated by shrubs or trees	B3.322	Baltic gently sloping limestone rocky shores dominated by shrubs or trees													
5	B3.323	Baltic gently sloping sandstone rocky shores with low vegetation	B3.323	Baltic gently sloping sandstone rocky shores with low vegetation													
5	B3.324	Baltic gently sloping sandstone rocky shores dominated by shrubs or trees	B3.324	Baltic gently sloping sandstone rocky shores dominated by shrubs or trees													
5	B3.325	Baltic gently sloping crystalline bedrock shores with low vegetation	B3.325	Baltic gently sloping crystalline bedrock shores with low vegetation													
5	B3.326	Baltic gently sloping crystalline bedrock shores dominated by shrubs or trees	B3.326	Baltic gently sloping crystalline bedrock shores dominated by shrubs or trees													
5	B3.327	Baltic coastal limestone cliffs and caves with low vegetation	B3.327	Baltic coastal limestone cliffs and caves with low vegetation													
5	B3.328	Baltic coastal limestone cliffs and caves dominated by shrubs or trees	B3.328	Baltic coastal limestone cliffs and caves dominated by shrubs or trees													
5	B3.329	Baltic coastal sandstone cliffs and caves with low vegetation	B3.329	Baltic coastal sandstone cliffs and caves with low vegetation													
5	B3.32A	Baltic coastal sandstone cliffs and caves dominated by shrubs or trees	B3.32A	Baltic coastal sandstone cliffs and caves dominated by shrubs or trees													
5	B3.32B	Baltic coastal crystalline bedrock cliffs and caves with low vegetation	B3.32B	Baltic coastal crystalline bedrock cliffs and caves with low vegetation													
5	B3.32C	Baltic coastal crystalline bedrock cliffs and caves dominated by shrubs or trees	B3.32C	Baltic coastal crystalline bedrock cliffs and caves dominated by shrubs or trees													
4	**B3.33**	**Tethyan sea-cliff communities**	**B3.33**	**Tethyan sea-cliff communities**													
5	B3.331	Western Tethyan sea-cliff communities	B3.331	Western Tethyan sea-cliff communities													
5	B3.332	Pontic sea-cliff communities	B3.332	Pontic sea-cliff communities													
6	B3.3321	Western Pontic herbaceous sea-cliff communities	B3.3321	Western Pontic herbaceous sea-cliff communities													
6	B3.3322	Western Pontic sea-cliff [Ficus] thickets	B3.3322	Western Pontic sea-cliff [Ficus] thickets													
6	B3.3323	Western Pontic low cliff communities	B3.3323	Western Pontic low cliff communities													
6	B3.3324	Eastern Pontic sea-cliff communities	B3.3324	Eastern Pontic sea-cliff communities													
6	B3.3325	Southern Pontic sea-cliff communities	B3.3325	Southern Pontic sea-cliff communities													
4	**B3.34**	**Canary Island and Madeiran sea-cliff communities**	**B3.34**	**Canary Island and Madeiran sea-cliff communities**													
4	**B3.35**	**Azorean sea-cliff communities**	**B3.35**	**Azorean sea-cliff communities**													
4	**B3.36**	**Coastal lagoon cliff communities**	**B3.36**	**Coastal lagoon cliff communities**													
5	B3.361	Pantellerian lagoon cliff communities	B3.361	Pantellerian lagoon cliff communities													
5	B3.362	Pontic saline lagoon cliffs	B3.362	Pontic saline lagoon cliffs													

EUNIS level	EUNIS code 2006	EUNIS name 2006	EUNIS code 2004	EUNIS name 2004	Relation to JNCC 0405 type	JNCC 04.05 code	JNCC 04.05 name	JNCC 04.05 EUNIS Level	JNCC 04.05 sort order	Relation to Annex I 'habitat' types	Annex I 'habitat' type	Relation to Annex I 'physio-graphic' types	Annex I 'physio-graphic' type	Relation to OSPAR types	OSPAR priority habitat	Relation to UK BAP types	UK BAP habitat
3	**B3.4**	**Soft sea-cliffs, often vegetated**	**B3.4**	**Soft sea-cliffs, often vegetated**													
4	**B3.41**	**Baltic chalk and moraine cliffs**	**B3.41**	**Baltic chalk and moraine cliffs**													
5	B3.411	Baltic unvegetated coastal chalk cliffs and caves	B3.411	Baltic unvegetated coastal chalk cliffs and caves													
5	B3.412	Baltic coastal chalk cliffs and caves with low vegetation	B3.412	Baltic coastal chalk cliffs and caves with low vegetation													
5	B3.413	Baltic coastal chalk cliffs and caves dominated by shrubs or trees	B3.413	Baltic coastal chalk cliffs and caves dominated by shrubs or trees													
5	B3.414	Baltic unvegetated coastal moraine cliffs and caves	B3.414	Baltic unvegetated coastal moraine cliffs and caves													
5	B3.415	Baltic unvegetated coastal moraine cliffs and caves with low vegetation	B3.415	Baltic unvegetated coastal moraine cliffs and caves with low vegetation													
5	B3.416	Baltic unvegetated coastal moraine cliffs and caves dominated by shrubs or trees	B3.416	Baltic unvegetated coastal moraine cliffs and caves dominated by shrubs or trees													
4	**C3.44**	**[Eleocharis parvula] and [Eleocharis acicularis] beds of inland saline and brackish waters**	**C3.44**	**[Eleocharis parvula] and [Eleocharis acicularis] beds of inland saline and brackish waters**	#	LS.LMp.Sm.SM3	*Eleocharis parvula salt-marsh community*	5	185								
					-	LS.LMp.Sm.SM16._	Sub-communities of *Festuca rubra* with *Agrostis stolonifera* , *Juncus gerardi* , *Puccinellia maritima* , *Glaux maritima* , *Triglochin maritima* , *Armeria maritima* and *Plantago maritima*	6	169								
					-	LS.LMp.Sm.SM13._	Sub-communities of *Puccinellia maritima* saltmarsh with *Limonium vulgare* and *Armeria maritima* ; *Puccinellia maritima* with *Glaux maritima* co-dominant in species-poor vegetation; *Puccinellia maritima* with *Plantago maritima* and/or *Armeria maritima*	6	173								
					-	**LS.LMp.Sm_**	**Saltmarsh (low)**	**4.5**	**184**								
					-	**SS.SCS.SCSVS**	**Sublittoral coarse sediment in variable salinity (estuaries)**	**4**	**361**								

RELATIONSHIP CODES

Habitat in original classification (e.g. EUNIS)	Code	Habitat in new classification (e.g. JNCC 04.05)	Meaning
X	=	Y	Habitat X is the same as Habitat Y
X	≈	Y	Habitat X is nearly the same as Habitat Y
X	<	Y	Habitat X is contained within Habitat Y (i.e. X has a narrower definition than Y)
X	>	Y	Habitat Y is contained within Habitat X (i.e. X has a broader definition than Y)
X	#	Y	Habitat X definition partially overlaps with that of Habitat Y
	-	Y	Habitat Y is not present in original classification
	S		Other habitat (i.e. JNCC 04.05 classification) is source of EUNIS habitat

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