

Appendix M: Gap Analysis Spreadsheets - Net Gain

(Cross reference to Section 5 of the Report)

This Appendix provides the results of the gap analysis in four separate spreadsheets with tabs for presence, extent and condition.

The High, Moderate and Low refer to the scores obtained from the Confidence Assessments as given in Appendix K.

High	H
Moderate	M
Low	L
No confidence	N

Gap is defined as a site having less than high confidence for one or more features (or less than high confidence for boundaries) therefore any site that has a orange cell will be considered to have a gap.

rMCZ	
Aln Estuary	NG 13a
Rock Unique	NG 15
Swallow Sand	NG 16

		Net Gain		
		NG13a	NG 15	NG 16
BSH	High energy intertidal rock			
	Moderate energy intertidal rock			
	Low energy intertidal rock			
	Intertidal coarse sediment			
	Intertidal sand and muddy sand			
	Intertidal mud	H		
	Intertidal mixed sediments			
	Coastal saltmarshes and saline reedbeds	H		
	Intertidal sediments dominated by aquatic angiosperms			
	Intertidal biogenic reefs			
	High energy infralittoral rock	L		
	Moderate energy infralittoral rock			
	Low energy infralittoral rock			
	High energy circalittoral rock			
	Moderate energy circalittoral rock			
	Low energy circalittoral rock		N	
	Subtidal coarse sediment		N	L
	Subtidal sand		M	H
	Subtidal mud			
	Subtidal mixed sediments			
Subtidal macrophyte-dominated sediment				
Subtidal biogenic reefs				
Deep-sea bed				
HABITATS	Blue Mussel beds (including intertidal beds on mixed and sandy sediments)			
	Cold-water coral reefs			
	Coral Gardens			
	Deep-sea sponge aggregations			
	Estuarine rocky habitats	L		
	File shell beds			
	Fragile sponge&anthozoan communities on subtidal rocky habitats			
	Intertidal under boulder communities			
	Littoral chalk communities			
	Maerl beds			
	Horse mussel (Modiolus modiolus) beds			
	Mud habitats in deep water			
	Sea-pen and burrowing megafauna communities			
	Native Oyster <i>Ostrea edulis</i> beds			
	Peat and clay exposures			
	Honeycomb worm <i>Sabellaria alveolata</i> reefs			
	Ross worm <i>Sabellaria spinulosa</i> reefs			
	Seagrass beds			
	Sheltered muddy gravels	L		
	Subtidal chalk			
Subtidal sands and gravels	L	M	H	
Tide-swept channels				
SPECIES	<i>Padina pavonica</i>			
	<i>Cruoria cruoriaeformis</i>			
	<i>Grateloupia montagnei</i>			
	<i>Lithothamnion corallioides</i>			
	<i>Phymatolithon calcareum</i>			
	<i>Alkmaria romijni</i>			
	<i>Armandia cirrhosa</i>			
	<i>Gobius cobitis</i>			
	<i>Gobius couchi</i>			
	<i>Hippocampus guttulatus</i>			
	<i>Hippocampus hippocampus</i>			
	<i>Victorella pavida</i>			
	<i>Amphianthus dohni</i>			
	<i>Eunicella verrucosa</i>			
	<i>Halicyclotus auricula</i>			
	<i>Leptopsammia pruvoti</i>			
	<i>Lucernariopsis campanulata</i>			
	<i>Lucernariopsis cruxmelitensis</i>			
	<i>Nematostella vectensis</i>			
	<i>Gammarus insensibilis</i>			
	<i>Gitanopsis bispinosa</i>			
	<i>Pollicipes pollicipes</i>			
	<i>Palinurus elephas</i>			
	<i>Arctica islandica</i>			
	<i>Atrina pectinata</i>			
	<i>Caecum armoricum</i>			
	<i>Ostrea edulis</i>			
	<i>Paludina littorina</i>			
	<i>Tenellia adpersa</i>			
	<i>Osmerus eperlanus</i>			
<i>Anguilla anguilla</i>				
<i>Raja undulata</i>				

		Net Gain		
		NG 13a	NG 15	NG 16
BSH	High energy intertidal rock			
	Moderate energy intertidal rock			
	Low energy intertidal rock			
	Intertidal coarse sediment			
	Intertidal sand and muddy sand			
	Intertidal mud	H		
	Intertidal mixed sediments			
	Coastal saltmarshes and saline reedbeds	H		
	Intertidal sediments dominated by aquatic angiosperms			
	Intertidal biogenic reefs			
	High energy infralittoral rock	L		
	Moderate energy infralittoral rock			
	Low energy infralittoral rock			
	High energy circalittoral rock			
	Moderate energy circalittoral rock			
	Low energy circalittoral rock		L	
	Subtidal coarse sediment		L	L
	Subtidal sand		M	H
	Subtidal mud			
	Subtidal mixed sediments			
Subtidal macrophyte-dominated sediment				
Subtidal biogenic reefs				
Deep-sea bed				
HABITATS	Blue Mussel beds (including intertidal beds on mixed and sandy sediments)			
	Cold-water coral reefs			
	Coral Gardens			
	Deep-sea sponge aggregations			
	Estuarine rocky habitats	L		
	File shell beds			
	Fragile sponge&anthozoan communities on subtidal rocky habitats			
	Intertidal under boulder communities			
	Littoral chalk communities			
	Maerl beds			
	Horse mussel (Modiolus modiolus) beds			
	Mud habitats in deep water			
	Sea-pen and burrowing megafauna communities			
	Native Oyster <i>Ostrea edulis</i> beds			
	Peat and clay exposures			
	Honeycomb worm <i>Sabellaria alveolata</i> reefs			
	Ross worm <i>Sabellaria spinulosa</i> reefs			
	Seagrass beds			
	Sheltered muddy gravels	L		
	Subtidal chalk			
Subtidal sands and gravels	L	M	H	
Tide-swept channels				
SPECIES	<i>Padina pavonica</i>			
	<i>Cruoria cruoriaeformis</i>			
	<i>Grateloupia montagnei</i>			
	<i>Lithothamnion corallioides</i>			
	<i>Phymatolithon calcareum</i>			
	<i>Alkmaria romijni</i>			
	<i>Armandia cirrhosa</i>			
	<i>Gobius cobitis</i>			
	<i>Gobius couchi</i>			
	<i>Hippocampus guttulatus</i>			
	<i>Hippocampus hippocampus</i>			
	<i>Victorella pavida</i>			
	<i>Amphianthus dohnii</i>			
	<i>Eunicella verrucosa</i>			
	<i>Halicyclotus auricula</i>			
	<i>Leptopsammia pruvoti</i>			
	<i>Lucernariopsis campanulata</i>			
	<i>Lucernariopsis cruxmelitensis</i>			
	<i>Nematostella vectensis</i>			
	<i>Gammarus insensibilis</i>			
	<i>Gitanopsis bispinosa</i>			
	<i>Pollicipes pollicipes</i>			
	<i>Palinurus elephas</i>			
	<i>Arctica islandica</i>			
	<i>Atrina pectinata</i>			
	<i>Caecum armoricum</i>			
	<i>Ostrea edulis</i>			
	<i>Paludina littorina</i>			
<i>Tenellia adpersa</i>				
<i>Osmerus eperlanus</i>				
<i>Anguilla anguilla</i>				
<i>Raja undulata</i>				

		Net Gain		
		NG 13a	NG 15	NG 16
BSH	High energy intertidal rock			
	Moderate energy intertidal rock			
	Low energy intertidal rock			
	Intertidal coarse sediment			
	Intertidal sand and muddy sand			
	Intertidal mud	L		
	Intertidal mixed sediments			
	Coastal saltmarshes and saline reedbeds	L		
	Intertidal sediments dominated by aquatic angiosperms			
	Intertidal biogenic reefs			
	High energy infralittoral rock			
	Moderate energy infralittoral rock			
	Low energy infralittoral rock			
	High energy circalittoral rock			
	Moderate energy circalittoral rock			
	Low energy circalittoral rock		L	
	Subtidal coarse sediment		L	L
	Subtidal sand		L	L
	Subtidal mud			
	Subtidal mixed sediments			
Subtidal macrophyte-dominated sediment				
Subtidal biogenic reefs				
Deep-sea bed				
HABITATS	Blue Mussel beds (including intertidal beds on mixed and sandy sediments)			
	Cold-water coral reefs			
	Coral Gardens			
	Deep-sea sponge aggregations			
	Estuarine rocky habitats	L		
	File shell beds			
	Fragile sponge&anthozoan communities on subtidal rocky habitats			
	Intertidal under boulder communities			
	Littoral chalk communities			
	Maerl beds			
	Horse mussel (<i>Modiolus modiolus</i>) beds			
	Mud habitats in deep water			
	Sea-pen and burrowing megafauna communities			
	Native Oyster <i>Ostrea edulis</i> beds			
	Peat and clay exposures			
	Honeycomb worm <i>Sabellaria alveolata</i> reefs			
	Ross worm <i>Sabellaria spinulosa</i> reefs			
	Seagrass beds			
	Sheltered muddy gravels	L		
	Subtidal chalk			
Subtidal sands and gravels	L	L	L	
Tide-swept channels				
SPECIES	<i>Padina pavonica</i>			
	<i>Cruoria cruoriaeformis</i>			
	<i>Grateloupia montagnei</i>			
	<i>Lithothamnion corallioides</i>			
	<i>Phymatolithon calcareum</i>			
	<i>Alkmaria romijni</i>			
	<i>Armandia cirrhosa</i>			
	<i>Gobius cobitis</i>			
	<i>Gobius couchi</i>			
	<i>Hippocampus guttulatus</i>			
	<i>Hippocampus hippocampus</i>			
	<i>Victorella pavida</i>			
	<i>Amphianthus dohni</i>			
	<i>Eunicella verrucosa</i>			
	<i>Halicyclotus auricula</i>			
	<i>Leptopsammia pruvoti</i>			
	<i>Lucernariopsis campanulata</i>			
	<i>Lucernariopsis cruxmilitensis</i>			
	<i>Nematostella vectensis</i>			
	<i>Gammarus insensibilis</i>			
	<i>Gitanopsis bispinosa</i>			
	<i>Pollicipes pollicipes</i>			
	<i>Palinurus elephas</i>			
	<i>Arctica islandica</i>			
	<i>Atrina pectinata</i>			
	<i>Caecum armoricum</i>			
	<i>Ostrea edulis</i>			
	<i>Paludina littorina</i>			
<i>Tenellia adpersa</i>				
<i>Osmerus eperlanus</i>				
<i>Anguilla anguilla</i>				
<i>Raja undulata</i>				