

Folkestone Pomerania (rMCZ11.4) Evidence Review

Region	Balanced Seas	
Site Name/number	Folkestone Pomerania rMCZ BS11.4	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy circalittoral rock Subtidal coarse sediment Subtidal sand.
	Habitat FOCI	<ul style="list-style-type: none"> Blue Mussel beds (including intertidal beds on mixed and sandy sediments) Fragile sponge & anthozoan communities on subtidal rocky habitats Honeycomb worm <i>Sabellaria alveolata</i> reefs Ross worm <i>Sabellaria spinulosa</i> reefs Subtidal sands and gravels.
	Species FOCI	-
ENG Features present but not proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy infralittoral rock
	Habitat FOCI	-
	Species FOCI	<ul style="list-style-type: none"> <i>Ostrea edulis</i> <i>Osmerus eperlanus</i> <i>Anguilla anguilla</i> <i>Raja undulata</i>.
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Moderate energy circalittoral rock	Presence and extent based on predicted modelled polygon data from MESH, polygon data from UKSeaMap,	MESH/UKSeaMap
Subtidal coarse sediment	Presence and extent based on predicted modelled polygon data from MESH and polygon data from UKSeaMap.	MESH/UKSeaMap
Subtidal sand	Presence and extent based on predicted modelled polygon data from MESH, polygon data from UKSeaMap, and datapoints from Regional Projects BS.	MESH/UKSeaMap, Regional Projects BS
Blue Mussel beds (including intertidal beds on mixed and sandy sediments)	No data available	No data available
Fragile sponge &	No data available	No data available

anthozoan communities on subtidal rocky habitats		
Honeycomb worm <i>Sabellaria alveolata</i> reefs	No data available	No data available
Ross worm <i>Sabellaria spinulosa</i> reefs	Presence and extent based on a data point from MESH.	MESH
Subtidal sands and gravels	Presence and extent based on predicted modelled polygon data from MESH, polygon data from UKSea Map, polygon data from MB0102 and data points from Regional Project BS.	MB0102, Regional Projects BS, MESH and UKSeaMap

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
EUNIS_Level3_Cco_Kent_Region_MCZ and EK_Level3_Habitats_MCZ	Kent Wildlife Trust	Moderate energy circalittoral rock
Feature data points	SeaSearch Surveys	Fragile sponge&anthozoan communities on subtidal rocky habitats Ross worm <i>Sabellaria spinulosa</i> reefs
Feature data points	Marine recorder - MBA	Ross worm <i>Sabellaria spinulosa</i> reefs

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Rock and thin sediment.	British Geological Society	Broadscale habitats
MCZ Verification Survey - Folkestone Pomerania	Cefas	Moderate energy circalittoral rock Subtidal coarse sediment Subtidal sand

Confidence Assessment undertaken by MB0116 project

Feature	Presence	Extent	Condition	Boundaries (site)
Moderate energy circalittoral rock	Low	Low	Low	Low
Subtidal coarse sediment	Low	Low	Low	
Subtidal sand	Moderate	Moderate	Low	
Blue Mussel beds (including intertidal beds on mixed and	No confidence	No confidence	No confidence	

sandy sediments)				
Fragile sponge & anthozoan communities on subtidal rocky habitats	Moderate	Low	Low	
Honeycomb worm <i>Sabellaria alveolata</i> reefs	No confidence	No confidence	No confidence	
Ross worm <i>Sabellaria spinulosa</i> reefs	High	Low	Low	
Subtidal sands and gravels	Low	Low	Low	

The presence and extent of 'moderate energy circalittoral rock' and 'subtidal coarse sediment' were both based on polygon data alone with no validation samples to support the polygon data resulted in both presence and extent for both habitats being 'low'.

For 'subtidal sand', 67% of validation samples agree with BSH feature and sample data are not well distributed over more than 50% of rMCZ. The MESH confidence score is under 58 and hence obtained a 'moderate' confidence score on presence and a 'moderate' score for extent.

Blue Mussel beds (including intertidal beds on mixed and sandy sediments) and Honeycomb worm *Sabellaria alveolata* reefs do not have data to assess confidence.

While there is no polygon data for 'Fragile sponge & anthozoan communities on subtidal rocky habitats' the point data clusters well but covers much less than 50% of the rMCZ resulting in a 'moderate' score for presence and a 'low' confidence in extent.

For the confidence assessment of 'Ross worm *Sabellaria spinulosa* reefs', a 'high' score was given for presence since there were validated records less than 6 years old in two clusters. It was difficult to determine extent and therefore a 'low' score was obtained.

'Subtidal sands and gravels' receive a 'low' confidence score for presence and a 'moderate' confidence in extent. The point data overlap the polygon data but only 20% of all HOCl data points overlapping the polygon agree, and the sample data covers <50% of the rMCZ. However, the confidence score assigned to extent was reduced to 'low' to reflect the low confidence score assigned to the presence of this feature.

The condition assessment for all the features was based on a Vulnerability Assessment and could not be improved beyond a 'low' confidence score. The confidence assessment in the boundary of the site was classified as low primarily because the overall confidence in the extent of the respective BSH and Habitat FOCI was determined as low.