

Hartland Point to Tintagel (rMCZ40) Evidence Review

Region	Finding Sanctuary	
Site Name/number	Hartland Point to Tintagel rMCZ FS40	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> • High energy intertidal rock • Moderate energy intertidal rock • Intertidal coarse sediment • Intertidal sand and muddy sand • Intertidal mud • Intertidal mixed sediments • Coastal saltmarshes and saline reedbeds • High energy infralittoral rock • Subtidal coarse sediment • Subtidal sand.
	Habitat FOCI	<ul style="list-style-type: none"> • Fragile sponge & anthozoan communities on subtidal rocky habitats • Honeycomb worm <i>Sabellaria alveolata</i> reefs.
	Species FOCI	<ul style="list-style-type: none"> • <i>Padina pavonica</i> • <i>Eunicella verrucosa</i>
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	<ul style="list-style-type: none"> • Subtidal sands and gravels.
	Species FOCI	-
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
High energy intertidal rock	MESH point datum; survey ID: JNCCMNCR10009723; and predicted modelled data from MESH and MB0102 (survey ID: GB001070). MESH confidence score of 1; no validation points. One ground-truthed record.	MESH and MB0102;
Moderate energy intertidal rock	Predicted modelled data from MESH and MB0102 (survey ID GB001070) MESH score 1. No validation points.	MESH and MB0102
Intertidal coarse sediment	Predicted modelled data from MESH/ MB0102 (survey ID GB001070) MESH score 42. No validation points.	MESH/ MB0102
Intertidal sand and muddy sand	Predicted modelled data from MESH and MB0102 (survey ID GB001070) MESH score 1. No validation points	MESH and MB0102
Intertidal mud	Predicted modelled data from MESH	MESH and MB0102

	and MB0102 (survey ID GB001070) MESH score 1. No validation points.	
Intertidal mixed sediments	Predicted modelled data from MESH/ MB0102 polygon data (survey ID GB001070) and MESH score 1. No validation points.	MESH and MB0102
Coastal saltmarshes and saline reedbeds	No data	
High energy infralittoral rock	Predicted modelled data from MESH and UKSeaMap (survey ID GB001055) and point data. MESH confidence score 0; no validation points agreeing with BSH. UKSeaMap conflicts.	MESH and UKSeaMap
Subtidal coarse sediment	Predicted modelled data from MESH/UKSeaMap. No MESH score; no validation points. Only one sample record.	MESH/UKSeaMap
Subtidal sand	Predicted modelled data from MESH/UKSeaMap. No MESH score; 1 validation point (out of ~42)	MESH/UKSeaMap
Fragile sponge & anthozoan communities on subtidal rocky habitats	Point datum from MESH and MB0102 No MESH score. No polygon data. One sample point. >1 HOCl CO in MCZ	MESH/ MB0102
Honeycomb worm <i>Sabellaria alveolata</i> reefs	No data	
<i>Padina pavonica</i>	MB0102 point datum from 1906; survey ID MPALAYERS000001. One record from 1906.	MB0102
<i>Eunicella verrucosa</i>	No data	

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
County_Devon_All_MCZ,	SW_Habitat_Mapping_BAP	Intertidal coarse sediment. Intertidal mud
County_Cornwall_Scilly_MCZ	SW_Habitat_Mapping_BAP	Intertidal coarse sediment. Intertidal mud Intertidal mixed sediments Coastal saltmarshes and saline reedbeds
North_Cornwall_Legend_Apr_16_2010_MCZ	SW_Habitat_Mapping	Intertidal coarse sediment.

		Intertidal mud Intertidal mixed sediments Coastal saltmarshes and saline reedbeds
North_Devon_legend_Apr_16_2010_MCZ	SW_Habitat_Mapping	Intertidal coarse sediment. Intertidal mud
FS_sample_species_1982_MCZ	Seasearch Survey	<i>Eunicella verrucosa</i>
Marinerecorderspecies_MCZ	Marine Recorder - MBA	<i>Eunicella verrucosa</i>

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Compilation of all survey data carried out in the area. Exact content unknown.	ERCCIS (Cornwall Wildlife Trust)	<i>Padina pavonica</i> and other unknown features
Rock and thin sediment.	British Geological Society	Broadscale habitats