

## Newquay and the Gannel (rMCZ37) Evidence Review

Region	Finding Sanctuary	
Site Name/number	Newquay and the Gannel rMCZ FS37	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> <li>• High energy intertidal rock</li> <li>• Moderate energy intertidal rock</li> <li>• Low energy intertidal rock</li> <li>• Intertidal coarse sediment</li> <li>• Intertidal sand and muddy sand</li> <li>• Intertidal mud</li> <li>• Coastal saltmarshes and saline reedbeds</li> <li>• Subtidal coarse sediment</li> <li>• Subtidal sand</li> <li>• Subtidal mud.</li> </ul>
	Habitat FOCI	-
	Species FOCI	<ul style="list-style-type: none"> <li>• <i>Gobius cobitis</i></li> <li>• <i>Eunicella verrucosa</i></li> <li>• <i>Ostrea edulis</i></li> <li>• <i>Paludinella littorina</i></li> <li>• <i>Anguilla anguilla</i>.</li> </ul>
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	<ul style="list-style-type: none"> <li>• Subtidal sands and gravels.</li> </ul>
	Species FOCI	-
Non-ENG Features (Geological/geomorphological)		-

### Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
High energy intertidal rock	Presence based on predictive modelled polygon data from MB0102 and MESH, survey ID: GB001070. Conflicting with MESH/ UKSeaMap modelled polygon data. No validation points. MESH confidence score <58.	MB0102 and MESH,
Moderate energy intertidal rock	Presence based polygon data. Conflicting with modelled data from UKSeaMap.	MB0102 and MESH
Low energy intertidal rock	Presence based on predictive modelled polygon data only from MB0102 and MESH. Survey ID: GB001070. Conflicting with modelled data from UKSeaMap. No validation points. MESH confidence score <58.	MB0102 and MESH.
Intertidal coarse	No data	

sediment		
Intertidal sand and muddy sand	Presence based on predictive modelled polygon data only from MB0102 and MESH (Survey ID: GB001070). No modelled data available. No validation points.	MB0102; MESH.
Intertidal mud	Presence based on predictive modelled polygon data only from Mb0102. MESH score 42. No supporting modelled data or validation points.	MB0102 and MESH
Coastal saltmarshes and saline reedbeds	No data	
Subtidal coarse sediment	Presence based on predictive modelled polygon data only from MESH (survey ID: GB001055). UK SeaMap. No modelled data.	MESH (survey ID: GB001055);
Subtidal sand	MESH survey ID GB001055	MESH
Subtidal mud	Polygon data only from MESH (survey ID: GB001055). No modelled data.	MESH (survey ID: GB001055)
<i>Gobius cobitis</i>	MB0102 The record (survey ID: MRMLN004000000E4).	MB0102
<i>Eunicella verrucosa</i>	No data	
<i>Ostrea edulis</i>	No data	
<i>Paludinella littorina</i>	No data	
<i>Anguilla anguilla</i>	No data	

### Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
County_Cornwall_Scilly_MCZ	SW_Habitat_Mapping_BAP	Intertidal coarse sediment Intertidal mud
North_Cornwall_legend_Apr_16_2010_MCZ	SW_habitat_mapping	Intertidal coarse sediment Intertidal mud
Biotopes_surveys_MCZ	Cornwall Wildlife Trust	Subtidal coarse sediment Subtidal sand
Marinerecorderspecies_MCZ 1992-1993 JNCC Gobius Cobitis Survey South West Britain	Marine Recorder - MBA	<i>Gobius cobitis</i>

### Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Compilation of all survey data	ERCCIS (Cornwall)	<i>Padina pavonica</i> and other

carried out in the area. Exact content unknown.	Wildlife Trust)	unknown features
Rock and thin sediment.	British Geological Society	Broadscale habitats
Distribution and abundance of young fish.	CEFAS. The distribution and abundance of young fish on the east and south coast of England (1981 to 1997).	<i>Anguilla anguilla.</i>