

Isles of Scilly: Smith Sound Non-Disturbance Area rMCZ (FS35b) Evidence Review

Region	Finding Sanctuary	
Site Name/number	Isles of Scilly: Smith Sound Non-Disturbance Area rMCZ (FS35b)	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy intertidal rock High energy infralittoral rock Moderate energy infralittoral rock
	Habitat FOCI	<ul style="list-style-type: none"> Tide-swept channels
	Species FOCI	<ul style="list-style-type: none"> <i>Amphianthus dohrnii</i> <i>Eunicella verrucosa</i> <i>Palinurus elephas</i>
ENG Features present but not proposed for inclusion within MCZ designation	BSH	-
	Habitat FOCI	-
	Species FOCI	-
Non-ENG Features (Geological/geomorphological)		-

Evidence Summary – data provided by Regional MCZ Projects

Feature	Evidence Summary	Key Sources
Moderate energy intertidal rock	No GI Aerial photography from CCO	CCO
High energy infralittoral rock	The presence and extent of this broad-scale habitat was supported by polygon data derived from 2 Combined MESH/UKSeaMap GB001055 polygons. Point data were available from 2 MESH points.	Combined MESH/ UKSeaMap CCO
Moderate energy infralittoral rock	The presence and extent of this broad-scale habitat was supported by polygon data derived from 1 Combined MESH/UKSeaMap GB001055 polygon. No point data were available.	Combined MESH/UKSeaMap
Tide-swept channels	The presence and extent of this Habitat FOCI was supported by polygon data derived from 1 loS_LG_habitat_poly_NewInters ect polygon from Regional Project - FS. No point data were available.	Regional Project - FS

<i>Amphianthus dohrnii</i>	No GI	No GI
<i>Eunicella verrucosa</i>	No GI	No GI
<i>Palinurus elephas</i>	No GI	No GI

Description of New Evidence Identified by MB0116 project

Anecdotal evidence provided by NE to MB0116 project

Evidence Description	Source	Feature
Irving, R. and Northern, K. (2012) Isles of Scilly Special Area of Conservation (SAC) Condition Assessment for Reefs: Diving Monitoring Studies: June 2011. Final Report.	Natural England Commissioned Report number 104 (NECR104).	High energy infralittoral rock Moderate energy infralittoral rock

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
Geo-referenced photographic evidence	NE	Moderate energy infralittoral rock
Irving, R.A. and Northern, K.O. (2012) Isles of Scilly SAC Diving Monitoring Studies, 2011.	Natural England Commissioned Reports, Number 104	High energy infralittoral rock Moderate energy infralittoral rock
Isles of Scilly Intertidal Biotope Mapping Dataset (2010)	ERCCIS	High energy intertidal rock Moderate energy intertidal rock
Aerial photography	Coastal Channel Observatory. 2011	High energy intertidal rock Moderate energy intertidal rock

Confidence Assessment undertaken by MB0116 project

Feature	Presence	Extent	Condition	Boundaries (site)
Moderate energy intertidal rock	No confidence	No confidence	No confidence	Low
High energy infralittoral rock	High	Moderate	Low	
Moderate energy infralittoral rock	Low	Low	Low	
Tide-swept channels	Low	Low	Low	
<i>Amphianthus dohrnii</i>	No confidence	No confidence	No confidence	
<i>Eunicella verrucosa</i>	No confidence	No confidence	No confidence	
<i>Palinurus elephas</i>	No confidence	No confidence	No confidence	

There was no geographic information available for the ENG features 'Moderate energy intertidal rock', '*Amphianthus dohrnii*', '*Eunicella verrucosa*' or '*Palinurus elephas*' and therefore no confidence score could be assigned to the presence or extent of these features.

Polygon data derived from combined MESH/UKSeaMap GB001055 supported the occurrence of the broad-scale habitats 'High energy infralittoral rock' and 'Moderate energy infralittoral rock'. Two MESH points were available within the polygons of 'High energy infralittoral rock' to verify presence (100% agreement with broad-scale habitat type), and a 'high' confidence score was therefore assigned to the presence of this broad-scale habitat. Whilst multiple validation points were available within the polygons of this broad-scale habitat, they were distributed over less than 50% of the feature, resulting in a confidence score of 'moderate'. No point data were available to support the presence or extent of the broad-scale habitat 'Moderate energy infralittoral rock', resulting in a confidence score of 'low' being assigned to the feature's presence and extent.

Polygon data derived from 'IoS_LG_habitat_poly_NewIntersect' supported the presence of the habitat FOCI 'Tide-swept channels'. An absence of point data resulted in a low confidence score being assigned to both the presence and extent of this habitat.

None of the features assessed were considered highly sensitive to any pressures considered within the MB0102 sensitivity X pressures matrix and hence confidence in condition, based on this, they have been assessed as low.

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.