

Devon Avon Estuary (rMCZ25) Evidence Review

Region	Finding Sanctuary	
Site Name/number	Devon Avon Estuary rMCZ FS25	
ENG Features present and proposed for inclusion within MCZ designation	BSH	<ul style="list-style-type: none"> Moderate energy intertidal rock Intertidal coarse sediment Intertidal sand and muddy sand Intertidal mud Coastal saltmarshes and saline reed beds High energy infralittoral rock Subtidal sand Subtidal mud.
	Habitat FOCI	
	Species FOCI	<ul style="list-style-type: none"> <i>Alkmaria romijni</i> <i>Anguilla anguilla.</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	MB0102 polygon data: GB001070; MESH polygon data: GB001070. MESH confidence =1; no validation records, no ground truthed records, no non-conflicting modelled data.	MB0102/MESH polygon data:
Intertidal coarse sediment	No data	
Intertidal sand and muddy sand	MESH point and polygon data; confidence = 42; <50% validation samples in agreement; >1 ground truthed record, samples not well distributed.	MESH point data and polygon data
Intertidal mud	MESH polygon data, > 50% validation samples agree. 3 ground truthed points. Not just parent data. Not well distributed over feature.	MESH point data: MB0102/MESH polygon data:
Coastal saltmarshes and saline reedbeds	Polygon data from SW_Habitat_Mapping (South_West_Devon_Legend_Apr_16_2010_MCZ) and SW_Habitat_Mapping_BAP (County_Devon_All_MCZ). No ground-truthed records.	MESH point data:
High energy infralittoral	B001055. No validation records; no ground-truthed records; Modelled data only (UKSeaMap).	MESH polygon data: UKSeaMap polygon data:

rock		
Subtidal sand	MESH polygon data: GB001055 (UKSeaMap). No validation records; no ground-truthed records; modelled data only.	MESH polygon data:
Subtidal mud	No validation records; no ground-truthed records; modelled data only.	MESH polygon data:
<i>Alkmaria romijni</i>	MB0102: JNCCMNCR10000622; all >12 years old.	MB0102
<i>Anguilla anguilla</i>	No data	No data

Description of New Evidence Identified by MB0116 project

Evidence Description	Source	Feature
Barfield, P. (1994) Avon and Erme Estuaries: a survey of the benthic macroinvertebrate infauna, July 1991		<i>Alkmaria romijni</i>
South_West_Devon_legend_Apr_16_2010_MCZ	SW_Habitat_Mapping	Intertidal coarse sediment Coastal saltmarshes and saline reedbeds
County_Devon_All_MCZ	SW_Habitat_Mapping_BAP	Intertidal coarse sediment Coastal saltmarshes and saline reedbeds
National_wfd_benthic_ea_data_MCZ Avon Estuary (south) Macrobenthic Survey May 1991	Environment Agency WFD	<i>Alkmaria romijni</i>

Evidence That Could Not Be Acquired by MB0116 project

Evidence Description	Source	Feature
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> .