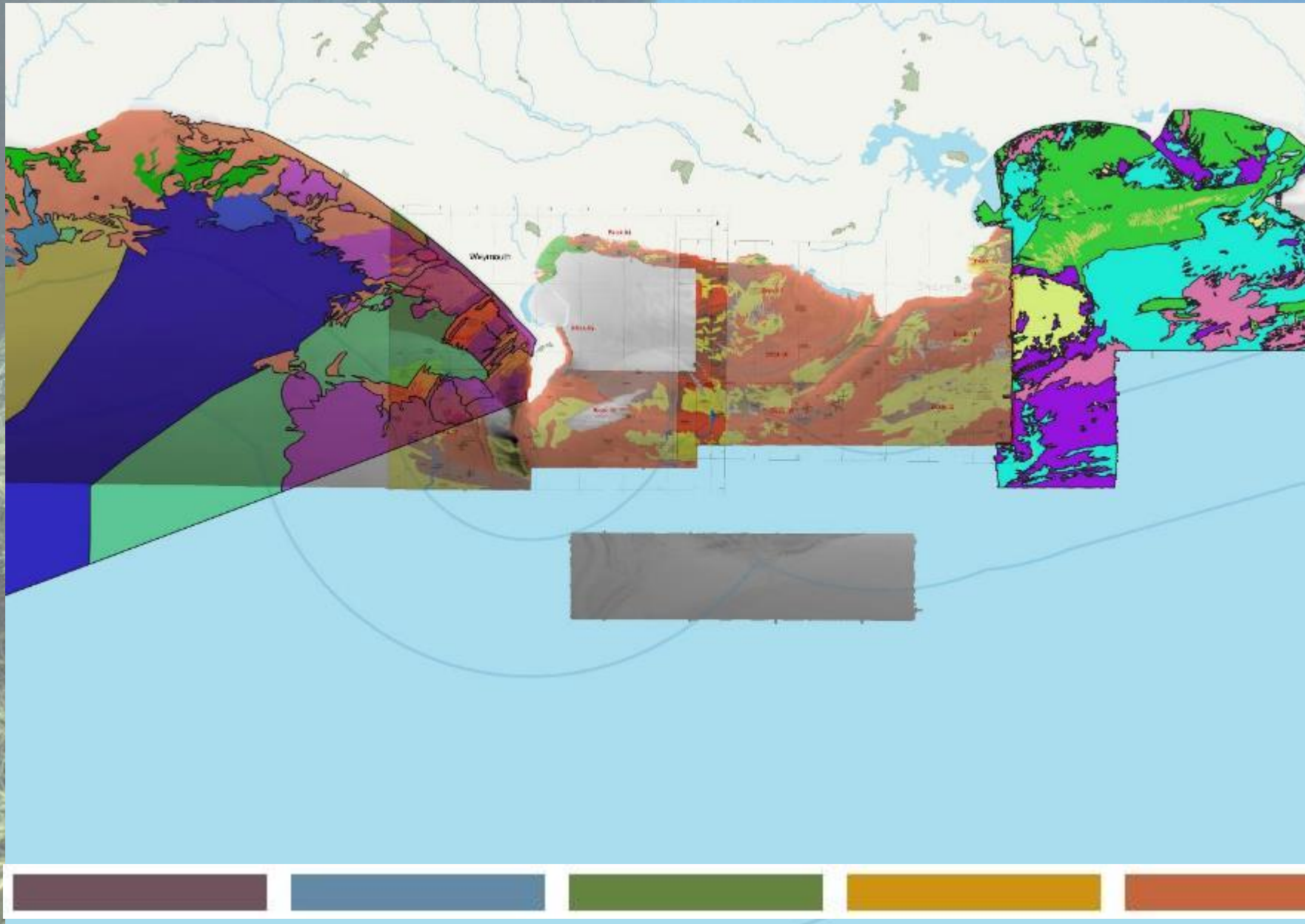
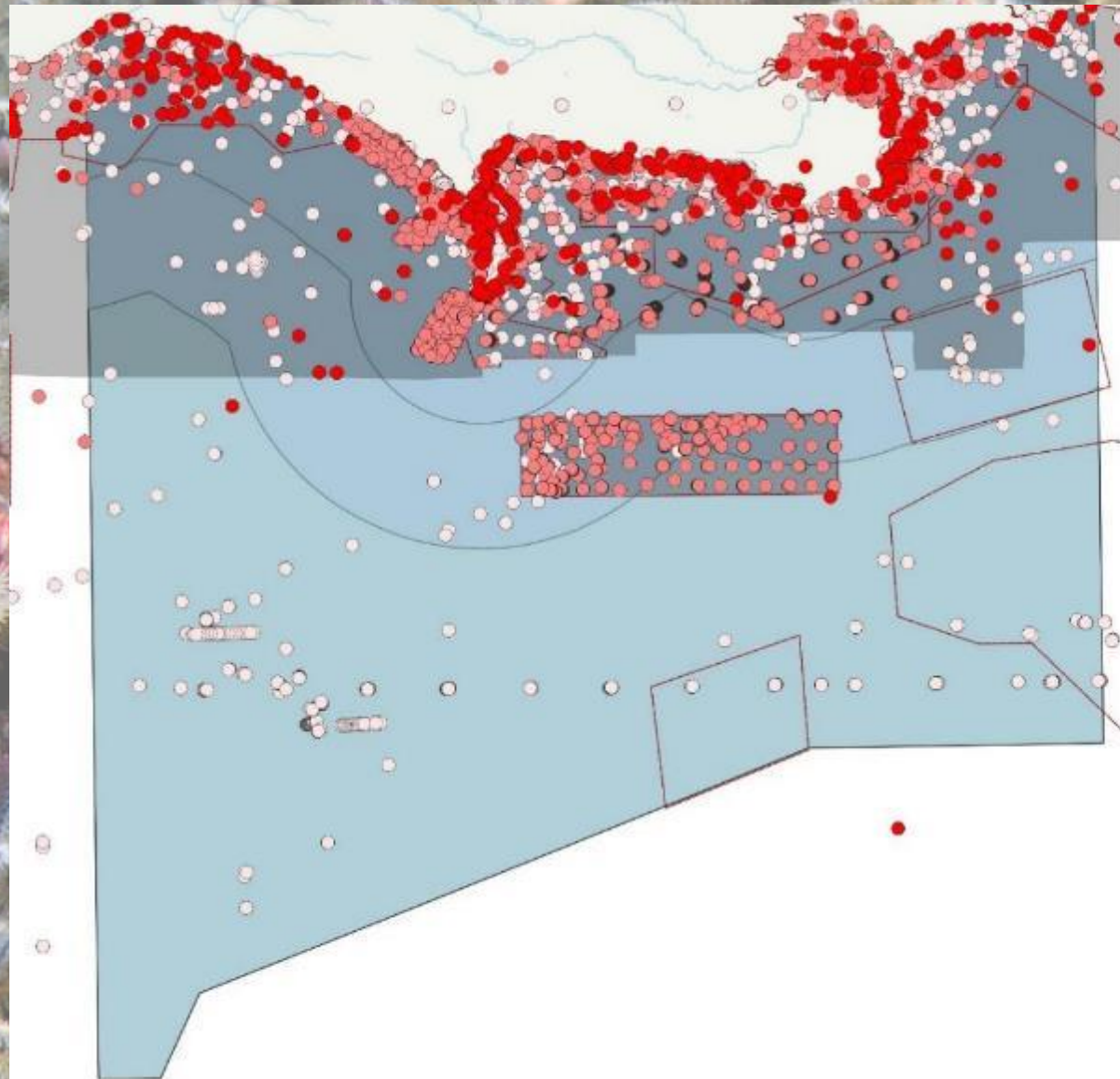


Marine Biodiversity Audit

Peter Tinsley
Dorset Wildlife Trust

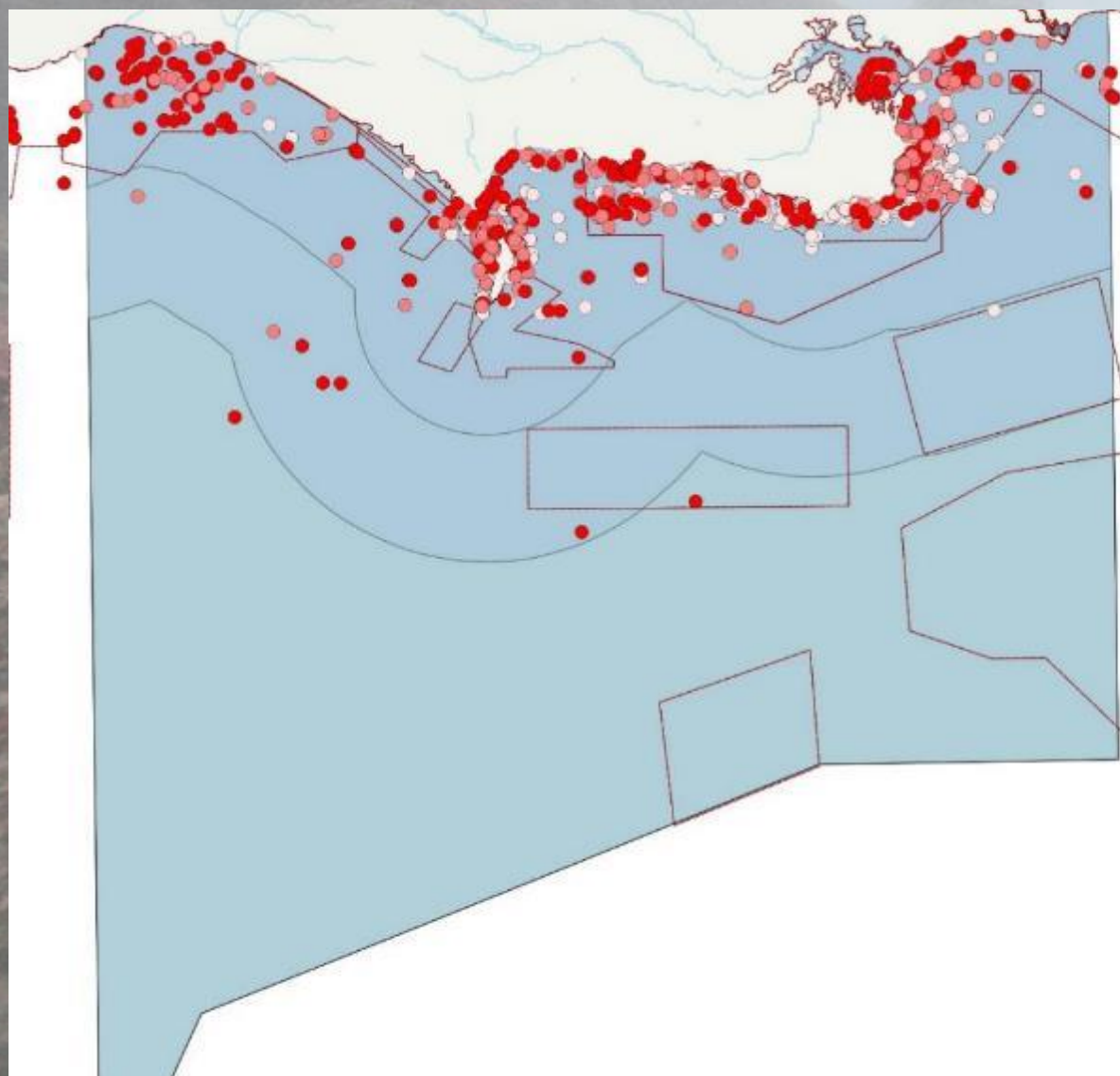






Age of record
● up to 6 years old
● 6-12 years old
● over 12 years old
□ Protected area boundary
■ Area covered by 100% multibeam





Age of records

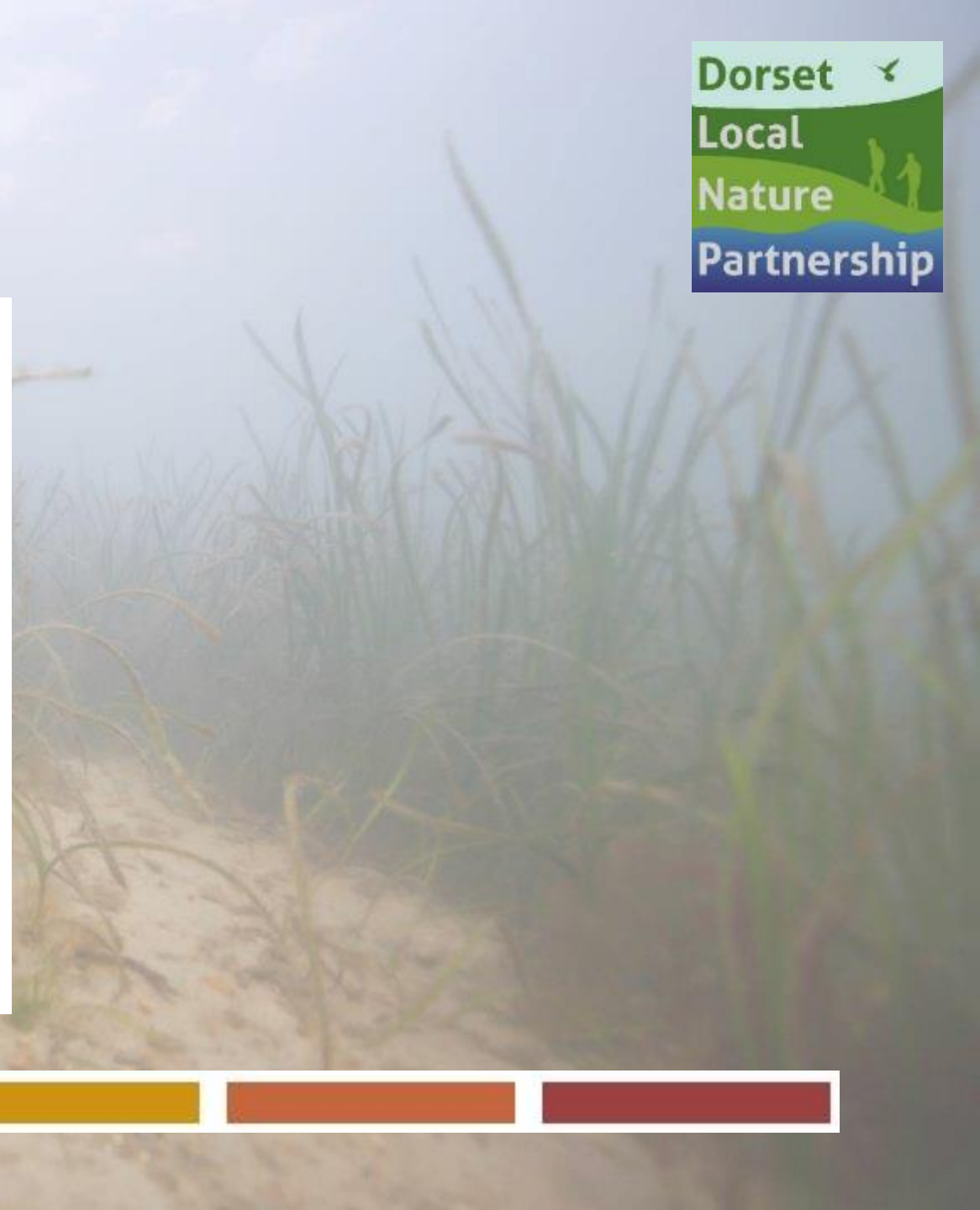
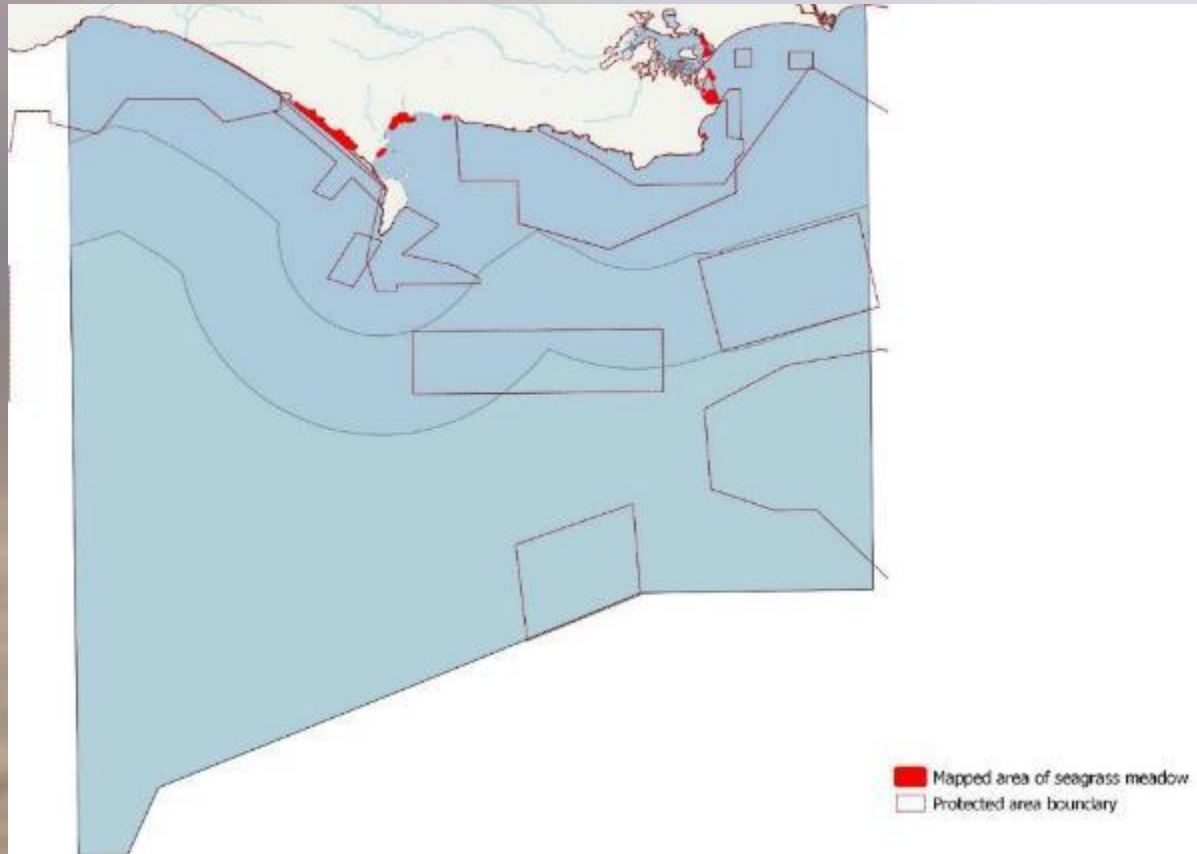
- up to 6 yrs old
- 6-12 yrs old
- over 12 yrs old
- Protected area boundary



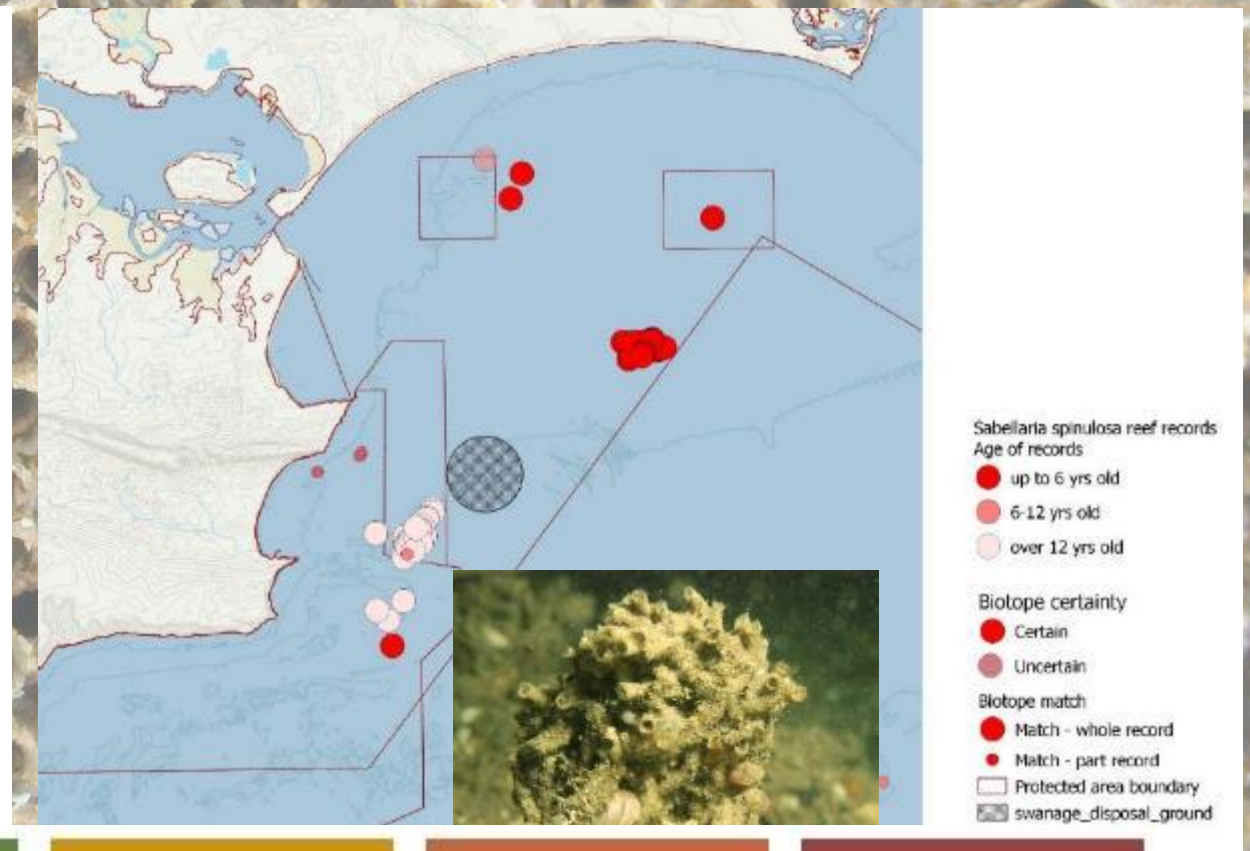
	FOCI/Priority Habitat occurring in Dorset	UK/Dorset Priority Habitat		ha
Blue Mussel Beds	?	UK	Mussel beds on rock excluded from UK priority habitat – probably applies to most Dorset examples	
Estuarine rocky habitats	?	UK	Difficult to map, but probably present in Poole Harbour and Portland Harbour	
Fragile sponge and anthozoan communities on subtidal rocky habitats	Yes	UK		
Intertidal mudflats	Yes	UK		2049
Intertidal underboulder communities	Yes	UK	The extent of boulders on the shore can often be determined from aerial photographs but ground-truthing is necessary to determine species richness	50?
Littoral chalk communities	Yes	UK		
Maerl beds	Yes	UK		
Sea-pen and burrowing megafauna communities	?	UK	Uncertainty over which mud biotope applies in Portland Harbour	
Native oyster (<i>Ostrea edulis</i>) beds	No	UK	Individual oysters widespread, but not at sufficient density to form a bed	
Peat and clay exposures	Yes	UK		

	FOCI/Priority Habitat occurring in Dorset	UK/Dorset Priority Habitat		ha
Honeycomb worm (<i>Sabellaria alveolata</i>) reefs	Yes	UK		
Ross worm (<i>Sabellaria spinulosa</i>) reefs	Yes	UK		
Seagrass beds	Yes	UK		476
Sheltered muddy gravels	Yes	UK	Includes peacock worm “forests” in Poole Harbour	
Subtidal chalk	Yes	UK		
Tide-swept channels	?	UK		
Ampelisca mats	Yes	Dorset		
Brittlestar beds	Yes	Dorset		
Neopentadactyla aggregations in maerl gravel	Yes	Dorset		
Black bream nesting sites	Yes	UK		

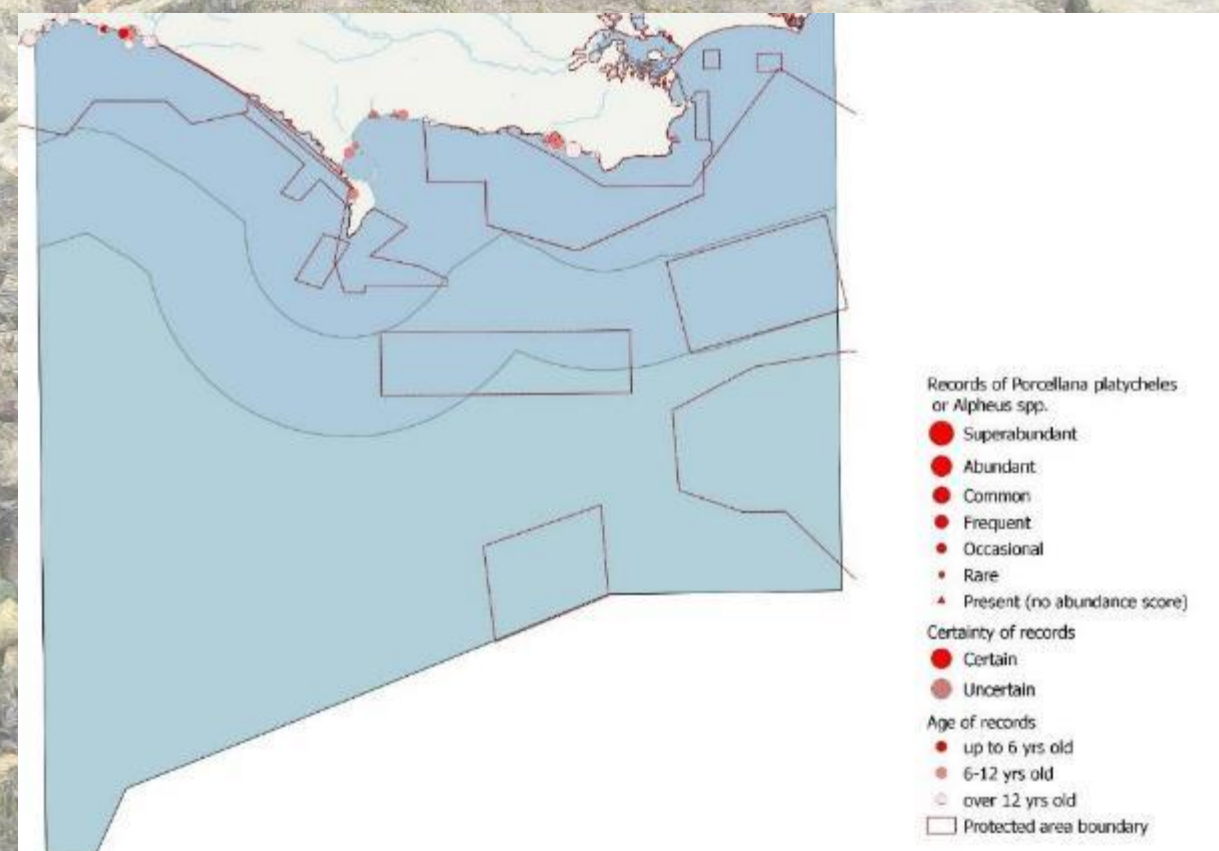
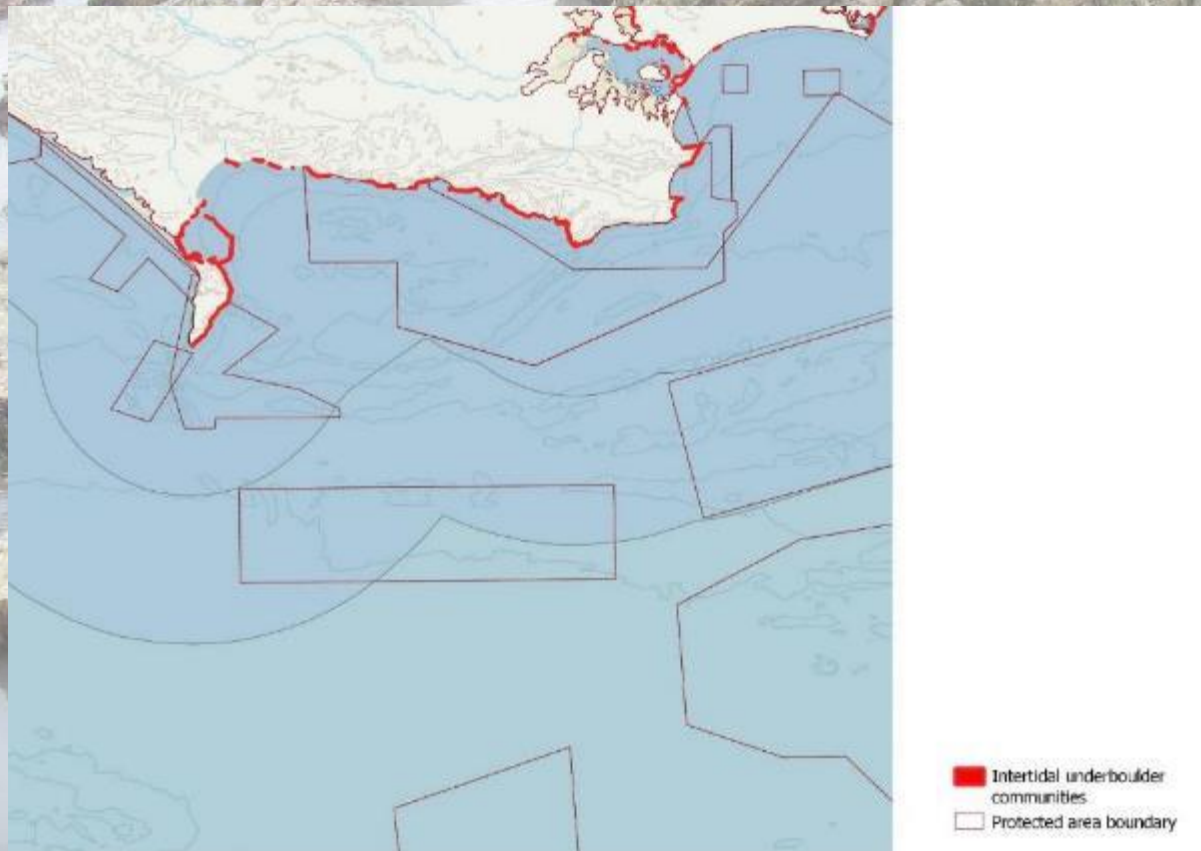
Seagrass beds



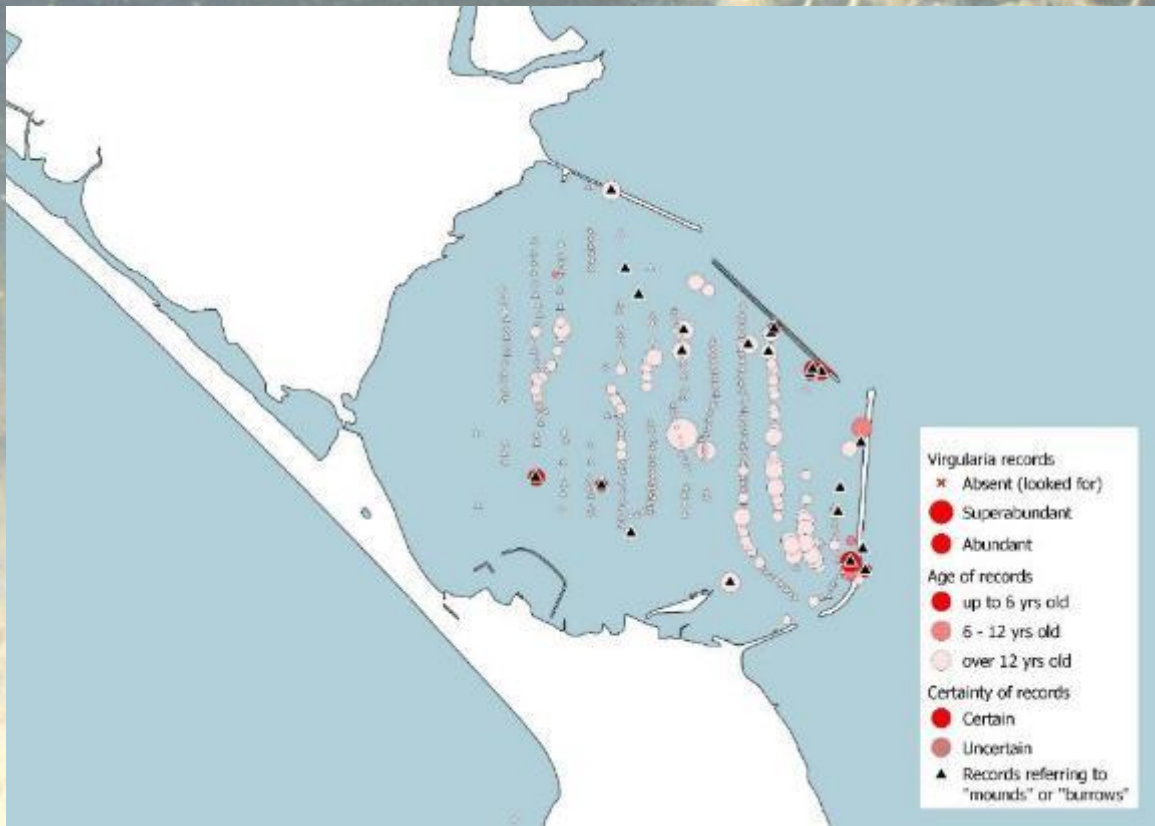
Sabellaria reefs



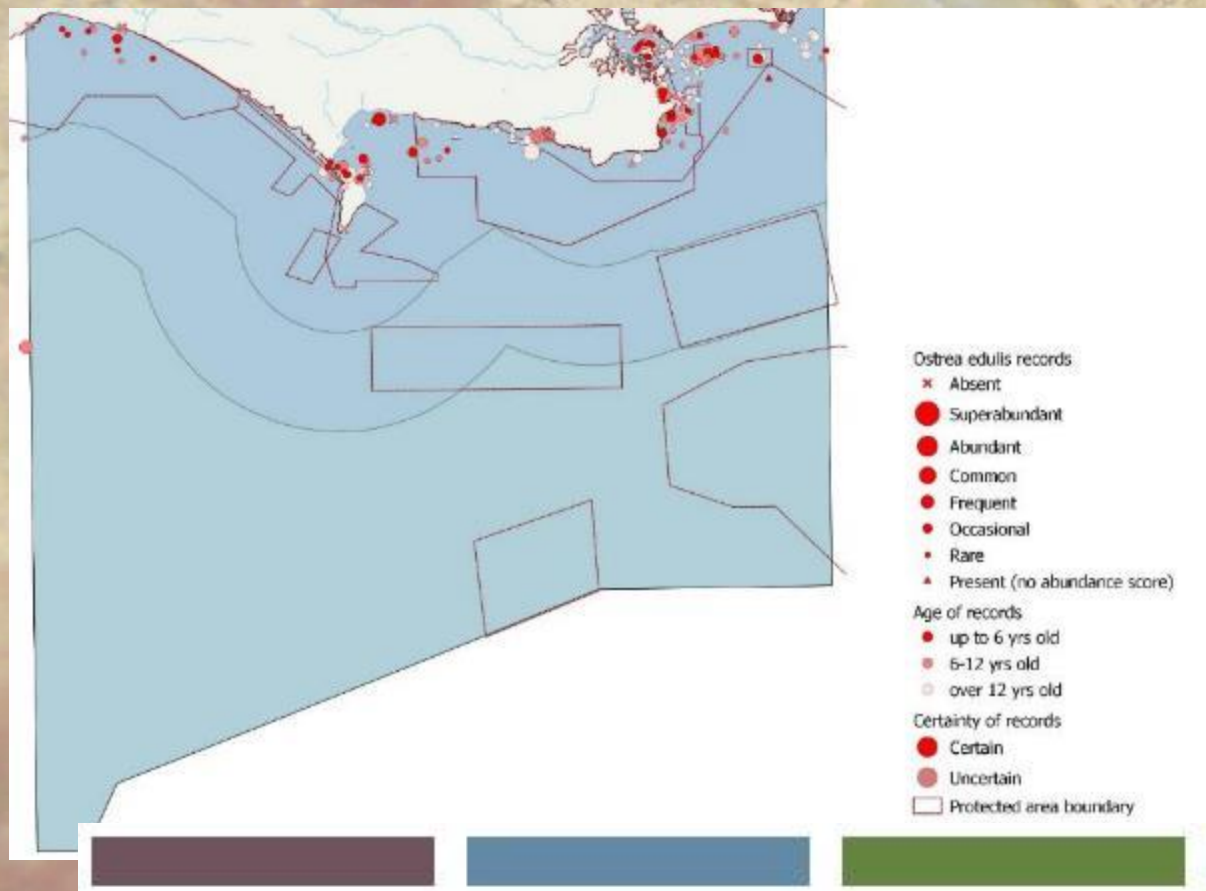
Intertidal underboulder communities



Sea-pens and burrowing megafauna in fine mud



Native oyster beds



20th -26th March
Porcupine MNHS Bioblitz