

1

- Immobilien**

2

- 4

- | | |
|--------------|----|
| CC | TV |
| Rock Shore T | |

- | | |
|--------------|---|
| 4 | R |
| 5 | R |
| Rock and Sea | |

- | | |
|----|---|
| 9 | R |
| 10 | P |
| 11 | R |

- | | |
|----|---|
| 15 | P |
| 16 | R |
| 17 | P |

- 1

6 - Sand & Gravel - CC 24-26, 32 -

- 8 - Estuary or Sand/Mud - CC 27-3

- 10 - Bedrock or Sediment - CC 34

- 11 - Bedrock or Sediment - CC 35

- | | | |
|--|----|-----------------------------------|
| | 23 | Gravel Flat or Fan |
| | 24 | Sand and Gravel Flat or Fan, Wide |
| | 25 | Sand and Gravel Beach |

- | | |
|----|--------------------|
| 28 | Long Flat |
| 29 | Mud Flat |
| 30 | Sand Beach, Narrow |
| 31 | Estuarine |

- | | |
|----|-------------------|
| 33 | Current Dominated |
| 34 | Channel |
| 35 | Field |

- [illegible]

How is Habitat Type determined?
Each Habitat Type has typical biological features (including both an indicator species list and typical associated biobands).
To determine the Habitat Type, the biomapper looks at the along-shore Units as designated and described by the physical mapper, and
1. records the observations of the biobands in the unit and looks for indicator species,
2. assigns a bio-(wave) exposure category,
3. assigns a bio-(wave) exposure category and an indicator species.

Habitat Type is a summary of the biophysical classification of the whole shore unit, based on:

- the biobands observed,
- the wave exposure as indicated by the bands, and
- the substrate types in the unit.

L⁺ - Exposed - very light wave exposure, open ocean swells usually fetches 200-300m
 VE - Very Exposed - Extreme high wave exposure
 SE - Semi Exposed - High wave exposure, open shorelines, areas between fully exposed and more sheltered, usually fetches 50 to 500m
 P - Protected - Low wave exposure, sheltered inlets, usually fetches less than 10km
 SP - Semi Protected - Moderate wave exposure, partly sheltered, usually fetches 10-50km
 VP - Very Protected - Very low wave exposure, fetches < 1km, sheltered anchorages at heads of bays and inlets

		MOBILE OR PARTIALLY MOBILE	CURRENT	TIDAL
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SUBSTRATE STABILITY	IMMOBILE SUBSTRATES					MOBILE OR PARTIALLY MOBILE SUBSTRATES					DOMINANT IACON
	MAJOR SUBSTRATE	BEUDOC	BEUDOC/BOLIDER	BEUDOC/GR/VEL	BEUDOC/GR/VEL	SAND + GRAVEL	SAND + GRAVEL	SAND/MUD	SEDIMENT	BEUDOC/GR/SEDIMENT	
COASTAL CLASSES	1-20	1-23, 32, 33	1-23, 33	1-23, 33	24-30, 32 no SAL band	24-30, 32 no SAL band	24-30, 31 has SAL band	24-30, 31			
EXPONDER	E	SE	SP	VP, P	SP	VP, P	VP, P, SP	VP, P, SP	SR, E	VP, P, SP	VP, P, SP
COMMUNITY CODE	2	3	4	5	6	7	8	9	10	11	
upper	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>	<i>Fornicaria</i>
	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>	<i>Edaphocryptus</i>
	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>	<i>Balanus glandula</i>
	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>	<i>Fucus denticatus</i>
middle	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>	<i>Paludicula polymorpha</i>
	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>	<i>Mytilus californianus</i>
	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>	<i>Streblospio benedicti</i>
midlow	<i>Alaria nana</i> morph	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>	<i>Hydrodictyon sordidum</i>
	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>	<i>Phyllocladus serotinus</i>
lower	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>
	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>
	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>	<i>Limonium</i>
midhigh	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>	<i>Nereocystis lachnina</i>
	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>	<i>Macrocystis integrifolia</i>
	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>	<i>Agave</i>
	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>	<i>Strongylocentrotus</i>
	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>	<i>Fraxinus</i>
	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>	<i>Zostera marina</i>

