

**Supplementary information 2 :**

Mean relative cover percentage (and standard deviation) across different habitats, sites and campaign of the different taxa described during image annotation. Taxa were identified using the CATAMI classification (Althaus et al., 2015), except for the “Calcareous tube worms” category (specifically to our study).

		Site A						
		Half-Shell				Natural		
Taxon		2014 Summer	2015 Winter	2015 Summer	2018 Winter	2014 Summer	2015 Winter	2015 Summer
Algae	Encrusting brown macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	9.7% (±7.5%)	14.6% (±6.4%)	11.8% (±5.2%)
	Encrusting red macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	16.1% (±4.1%)	8.0% (±5.1%)	6.6% (±3.1%)
	Filamentous red macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Canopy forming brown macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Sheet like brown macroalgae	0.6% (±1.3%)	0.8% (±2.5%)	3.7% (±11.0%)	1.9% (±5.3%)	0.1% (±0.3%)	0.0% (±0.0%)	1.5% (±2.2%)
	Sheet like green macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)
	Sheet like red macroalgae	9.1% (±4.4%)	13.8% (±13.0%)	22.1% (±13.3%)	9.3% (±10.0%)	33.2% (±10.6%)	22.7% (±12.1%)	44.1% (±9.1%)
	Erect fine branching brown macroalgae	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.6%)
	Erect fine branching red macroalgae	2.8% (±2.5%)	1.7% (±2.7%)	9.5% (±6.0%)	0.4% (±1.3%)	10.8% (±11.1%)	6.7% (±8.1%)	11.5% (±13.6%)
Animal	Stalked colonial ascidia	35.8% (±12.1%)	18.3% (±6.3%)	7.2% (±7.7%)	0.0% (±0.0%)	3.2% (±4.2%)	0.7% (±1.3%)	0.9% (±1.4%)
	Stalked solitary ascidia	2.2% (±3.2%)	2.0% (±5.1%)	0.8% (±1.1%)	0.0% (±0.0%)	0.4% (±1.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Unstalked colonial ascidia	1.6% (±1.7%)	0.6% (±1.9%)	0.2% (±0.4%)	0.0% (±0.0%)	0.5% (±1.0%)	0.3% (±0.7%)	0.0% (±0.0%)
	Unstalked solitary ascidia	34.0% (±12.2%)	26.5% (±16.6%)	40.9% (±18.6%)	18.3% (±20.6%)	4.2% (±3.7%)	5.8% (±4.5%)	1.1% (±1.9%)
	Fish	0.3% (±0.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Hard branching bryozoa	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Hard encrusting bryozoa	1.5% (±2.0%)	0.0% (±0.0%)	0.7% (±1.3%)	0.2% (±0.6%)	6.6% (±6.7%)	8.9% (±6.1%)	10.1% (±8.3%)
	Colonial corallimorps anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.4%)	1.0% (±2.2%)	0.4% (±1.0%)
	Hydroids	2.7% (±3.4%)	18.1% (±8.1%)	9.4% (±9.8%)	64.1% (±26.3%)	0.0% (±0.0%)	0.8% (±1.9%)	0.3% (±0.7%)
	Stony solitary coral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Anemone	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.5% (±1.0%)	5.4% (±6.1%)	0.0% (±0.0%)
	Colonial zoanthid anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Fleshy arborescent octocoral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Acorn barnacle	0.0% (±0.0%)	2.4% (±4.7%)	0.1% (±0.3%)	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)
	True crab	1.2% (±2.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.5%)	0.3% (±0.9%)	0.0% (±0.0%)
	Hermit crab	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Shrimp	0.4% (±0.8%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.6% (±1.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Sea cucumber	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Bivalve	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Chiton	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Gastropod	2.1% (±2.1%)	7.1% (±9.7%)	0.7% (±1.3%)	2.5% (±4.0%)	0.1% (±0.3%)	1.2% (±1.5%)	0.0% (±0.0%)
	Encrusting sponge	1.3% (±3.5%)	0.2% (±0.6%)	2.2% (±3.6%)	1.3% (±1.9%)	10.6% (±6.9%)	4.9% (±5.5%)	9.9% (±4.9%)
	Erect sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Massive sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Cryptic sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
	Calcareous tube worm	3.9% (±6.7%)	2.4% (±4.0%)	2.0% (±2.2%)	1.6% (±2.3%)	0.8% (±1.5%)	1.2% (±1.6%)	0.5% (±1.1%)
	Non-calcareous tube worm	0.2% (±0.6%)	5.9% (±6.3%)	0.0% (±0.0%)	0.2% (±0.6%)	1.8% (±2.9%)	18.0% (±14.4%)	0.6% (±1.1%)

	Site A	Site B					
	Natural	Half-Shell					Mattress
Taxon	2018 Winter	2014 Summer	2015 Winter	2015 Summer	2017 Summer	2018 Winter	2014 Summer
Encrusting brown macroalgae	20.9% (±8.7%)	1.3% (±2.9%)	0.2% (±0.6%)	0.0% (±0.0%)	1.0% (±2.2%)	0.1% (±0.3%)	0.0% (±0.0%)
Encrusting red macroalgae	10.0% (±6.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.6% (±1.3%)	0.8% (±2.5%)	0.6% (±1.0%)
Filamentous red macroalgae	0.3% (±0.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Canopy forming brown macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.8% (±1.6%)	2.9% (±9.2%)	0.0% (±0.0%)
Sheet like brown macroalgae	0.0% (±0.0%)	2.8% (±8.9%)	1.2% (±3.2%)	0.4% (±0.8%)	1.2% (±1.6%)	2.2% (±4.0%)	0.4% (±0.5%)
Sheet like green macroalgae	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like red macroalgae	33.2% (±11.4%)	2.1% (±3.8%)	8.0% (±8.0%)	21.4% (±15.5%)	38.0% (±9.6%)	21.6% (±15.4%)	2.1% (±1.6%)
Erect fine branching brown macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.6%)	2.2% (±1.5%)	1.9% (±3.4%)	0.0% (±0.0%)
Erect fine branching red macroalgae	4.0% (±7.4%)	0.1% (±0.3%)	0.0% (±0.0%)	3.9% (±3.8%)	0.5% (±0.7%)	0.0% (±0.0%)	0.0% (±0.0%)
Stalked colonial ascidia	0.1% (±0.3%)	10.0% (±5.8%)	13.9% (±11.0%)	3.5% (±3.5%)	3.7% (±3.3%)	1.5% (±3.2%)	10.0% (±8.1%)
Stalked solitary ascidia	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.4%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Unstalked colonial ascidia	0.2% (±0.6%)	15.1% (±10.9%)	4.4% (±6.1%)	2.1% (±1.8%)	15.1% (±13.1%)	4.8% (±6.8%)	30.4% (±12.4%)
Unstalked solitary ascidia	9.1% (±6.8%)	58.4% (±14.8%)	37.2% (±12.9%)	55.9% (±16.0%)	6.3% (±3.2%)	21.1% (±8.8%)	53.6% (±14.6%)
Fish	0.0% (±0.0%)	0.5% (±1.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard branching bryozoa	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard encrusting bryozoa	7.2% (±5.8%)	1.4% (±2.1%)	0.8% (±1.4%)	0.0% (±0.0%)	4.9% (±4.1%)	1.8% (±2.6%)	0.3% (±0.5%)
Colonial corallimorps anemone	1.2% (±1.6%)	0.1% (±0.3%)	0.4% (±1.3%)	0.2% (±0.4%)	0.1% (±0.3%)	1.7% (±3.3%)	0.0% (±0.0%)
Hydroids	0.6% (±1.0%)	3.6% (±3.9%)	9.5% (±11.2%)	10.8% (±14.7%)	17.1% (±13.6%)	29.2% (±23.1%)	0.1% (±0.3%)
Stony solitary coral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Anemone	3.0% (±2.5%)	0.1% (±0.3%)	1.1% (±2.8%)	0.2% (±0.4%)	0.7% (±0.7%)	1.7% (±2.5%)	0.0% (±0.0%)
Colonial zoanthid anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	1.3% (±0.8%)	0.0% (±0.0%)	0.0% (±0.0%)
Fleshy arborescent octocoral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Acorn barnacle	0.0% (±0.0%)	0.8% (±1.3%)	13.9% (±15.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.4% (±1.3%)	1.4% (±2.5%)
True crab	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hermit crab	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Shrimp	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sea cucumber	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Bivalve	0.6% (±1.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Chiton	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Gastropod	0.0% (±0.0%)	2.4% (±5.0%)	2.9% (±5.4%)	0.0% (±0.0%)	1.0% (±1.1%)	0.8% (±1.5%)	0.6% (±0.5%)
Encrusting sponge	3.7% (±4.8%)	0.0% (±0.0%)	0.2% (±0.6%)	0.1% (±0.3%)	4.6% (±3.5%)	1.7% (±2.5%)	0.4% (±1.3%)
Erect sponge	0.0% (±0.0%)	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Massive sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Cryptic sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Calcareous tube worm	1.1% (±1.9%)	0.8% (±1.9%)	5.9% (±5.7%)	1.8% (±2.5%)	0.8% (±0.8%)	5.0% (±6.7%)	0.2% (±0.4%)
Non-calcareous tube worm	4.5% (±6.8%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.7%)	0.4% (±1.3%)	0.1% (±0.3%)

Taxon	Site B						
	Mattress				Natural		
	2015 Winter	2015 Summer	2017 Summer	2018 Winter	2014 Summer	2015 Winter	2015 Summer
Encrusting brown macroalgae	0.0% (±0.0%)	1.2% (±3.5%)	5.1% (±9.6%)	7.9% (±12.8%)	31.9% (±21.2%)	36.3% (±24.3%)	40.4% (±22.5%)
Encrusting red macroalgae	0.3% (±0.5%)	0.1% (±0.3%)	0.6% (±1.1%)	0.4% (±1.3%)	14.4% (±13.5%)	12.7% (±10.9%)	9.2% (±6.1%)
Filamentous red macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Canopy forming brown macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	11.5% (±21.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like brown macroalgae	0.3% (±0.7%)	1.8% (±2.6%)	15.6% (±13.1%)	3.6% (±5.2%)	2.3% (±4.0%)	1.0% (±1.7%)	3.3% (±4.6%)
Sheet like green macroalgae	0.0% (±0.0%)	0.3% (±0.5%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like red macroalgae	2.5% (±1.4%)	26.5% (±7.7%)	32.0% (±16.7%)	45.2% (±25.3%)	22.9% (±17.5%)	20.2% (±20.0%)	25.1% (±18.7%)
Erect fine branching brown macroalgae	0.0% (±0.0%)	0.9% (±1.9%)	6.4% (±8.5%)	1.4% (±2.2%)	1.0% (±2.2%)	0.1% (±0.3%)	0.0% (±0.0%)
Erect fine branching red macroalgae	0.0% (±0.0%)	4.5% (±5.0%)	3.4% (±3.1%)	0.7% (±1.6%)	0.3% (±0.7%)	0.3% (±0.7%)	2.6% (±4.4%)
Stalked colonial ascidia	8.1% (±7.4%)	1.4% (±1.6%)	6.0% (±6.1%)	2.2% (±2.9%)	6.5% (±6.5%)	6.1% (±8.1%)	2.5% (±2.4%)
Stalked solitary ascidia	0.2% (±0.6%)	1.1% (±2.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.4%)	0.0% (±0.0%)	0.1% (±0.3%)
Unstalked colonial ascidia	0.3% (±0.5%)	3.1% (±2.1%)	1.0% (±1.6%)	0.9% (±1.3%)	7.4% (±8.5%)	9.7% (±11.9%)	9.4% (±8.9%)
Unstalked solitary ascidia	54.3% (±20.1%)	50.0% (±16.0%)	20.4% (±11.5%)	10.4% (±9.2%)	3.8% (±5.9%)	0.6% (±1.1%)	0.0% (±0.0%)
Fish	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard branching bryozoa	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard encrusting bryozoa	0.2% (±0.4%)	0.2% (±0.4%)	1.5% (±1.1%)	1.4% (±1.8%)	6.1% (±4.5%)	2.1% (±2.1%)	3.4% (±2.8%)
Colonial corallimorps anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.9% (±1.4%)	0.7% (±1.1%)	0.0% (±0.0%)	0.2% (±0.6%)	0.0% (±0.0%)
Hydroids	1.5% (±1.4%)	5.0% (±13.7%)	5.5% (±8.1%)	4.8% (±5.9%)	0.3% (±0.7%)	0.4% (±1.0%)	0.9% (±1.3%)
Stony solitary coral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Anemone	0.2% (±0.4%)	2.5% (±2.6%)	0.8% (±1.0%)	1.9% (±2.4%)	0.4% (±0.5%)	2.0% (±2.8%)	0.4% (±1.0%)
Colonial zoanthid anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)
Fleshy arborescent octocoral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Acorn barnacle	30.0% (±25.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.4% (±1.3%)	0.6% (±1.0%)	4.2% (±6.1%)	0.8% (±1.9%)
True crab	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hermit crab	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Shrimp	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sea cucumber	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Bivalve	0.0% (±0.0%)	0.1% (±0.3%)	0.1% (±0.3%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Chiton	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Gastropod	2.0% (±1.9%)	0.9% (±1.1%)	0.3% (±0.5%)	0.0% (±0.0%)	0.7% (±1.3%)	0.8% (±1.5%)	0.9% (±1.3%)
Encrusting sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.7% (±1.2%)	0.6% (±0.8%)	2.8% (±2.6%)	0.5% (±1.0%)
Erect sponge	0.2% (±0.6%)	0.1% (±0.3%)	0.0% (±0.0%)	0.5% (±1.0%)	0.3% (±0.5%)	0.7% (±2.2%)	0.0% (±0.0%)
Massive sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.4% (±1.3%)	0.0% (±0.0%)	0.1% (±0.3%)
Cryptic sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Calcareous tube worm	0.2% (±0.4%)	1.0% (±1.7%)	0.8% (±1.5%)	5.0% (±6.9%)	0.1% (±0.3%)	0.3% (±0.9%)	1.1% (±1.2%)
Non-calcareous tube worm	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)

Taxon	Site B		Site C				
	Natural		Half-Shell		Mattress		
	2017 Summer	2018 Winter	2014 Summer	2015 Winter	2014 Summer	2015 Winter	2015 Summer
Encrusting brown macroalgae	33.6% (±31.1%)	38.3% (±19.7%)	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.9%)	0.1% (±0.3%)	0.0% (±0.0%)
Encrusting red macroalgae	7.4% (±4.6%)	8.7% (±5.7%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Filamentous red macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Canopy forming brown macroalgae	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like brown macroalgae	1.9% (±2.8%)	0.1% (±0.3%)	0.0% (±0.0%)	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	1.0% (±1.7%)
Sheet like green macroalgae	0.2% (±0.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like red macroalgae	36.9% (±28.1%)	20.9% (±11.7%)	1.3% (±1.6%)	0.9% (±1.5%)	1.3% (±1.8%)	0.0% (±0.0%)	16.5% (±16.0%)
Erect fine branching brown macroalgae	0.3% (±0.7%)	0.0% (±0.0%)	0.4% (±1.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Erect fine branching red macroalgae	0.6% (±1.1%)	0.2% (±0.6%)	0.4% (±1.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	1.1% (±1.6%)
Stalked colonial ascidia	2.5% (±4.3%)	0.0% (±0.0%)	5.1% (±6.8%)	0.8% (±1.3%)	6.3% (±8.3%)	0.7% (±1.6%)	3.0% (±4.1%)
Stalked solitary ascidia	0.0% (±0.0%)	0.0% (±0.0%)	2.2% (±3.6%)	0.0% (±0.0%)	1.2% (±2.2%)	0.4% (±0.7%)	1.4% (±1.8%)
Unstalked colonial ascidia	5.4% (±9.0%)	7.7% (±13.0%)	6.8% (±8.2%)	0.6% (±1.9%)	13.0% (±11.6%)	0.3% (±0.7%)	3.3% (±7.1%)
Unstalked solitary ascidia	1.5% (±1.1%)	9.7% (±12.2%)	26.1% (±15.4%)	5.1% (±8.8%)	54.7% (±23.1%)	13.8% (±7.3%)	39.4% (±23.3%)
Fish	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.9%)	0.0% (±0.0%)	0.5% (±1.1%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard branching bryozoa	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard encrusting bryozoa	3.6% (±2.9%)	2.3% (±3.9%)	1.7% (±4.4%)	0.0% (±0.0%)	1.9% (±4.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Colonial corallimorps anemone	0.4% (±0.7%)	1.0% (±1.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hydroids	0.7% (±0.7%)	1.1% (±1.4%)	45.1% (±16.7%)	66.9% (±26.6%)	9.1% (±9.0%)	20.8% (±26.5%)	27.6% (±18.3%)
Stony solitary coral	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Anemone	0.1% (±0.3%)	3.7% (±3.7%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Colonial zoanthid anemone	0.4% (±0.5%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Fleshy arborescent octocoral	0.9% (±2.8%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Acorn barnacle	0.0% (±0.0%)	0.5% (±1.6%)	5.6% (±5.8%)	17.1% (±13.0%)	10.5% (±12.1%)	63.8% (±30.1%)	0.1% (±0.3%)
True crab	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hermit crab	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Shrimp	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sea cucumber	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Bivalve	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Chiton	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Gastropod	0.5% (±0.7%)	0.1% (±0.3%)	5.0% (±10.4%)	8.4% (±17.3%)	1.6% (±4.1%)	0.3% (±0.7%)	2.7% (±5.0%)
Encrusting sponge	1.0% (±0.9%)	2.6% (±2.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Erect sponge	0.5% (±1.6%)	1.0% (±3.2%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.4%)	0.0% (±0.0%)
Massive sponge	0.9% (±1.7%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Cryptic sponge	0.4% (±1.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Calcareous tube worm	0.1% (±0.3%)	1.6% (±2.4%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	3.8% (±9.8%)
Non-calcareous tube worm	0.2% (±0.4%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)

Taxon	Site C						
	Mattress		Natural				
	2017 Summer	2018 Winter	2014 Summer	2015 Winter	2015 Summer	2017 Summer	2018 Winter
Encrusting brown macroalgae	1.4% (±2.5%)	4.1% (±4.1%)	33.7% (±11.7%)	47.9% (±19.7%)	37.2% (±11.8%)	48.8% (±7.9%)	60.4% (±12.6%)
Encrusting red macroalgae	0.5% (±0.7%)	0.7% (±1.6%)	7.2% (±4.0%)	5.9% (±4.7%)	5.3% (±4.3%)	7.4% (±3.9%)	6.7% (±5.6%)
Filamentous red macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.5% (±1.6%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Canopy forming brown macroalgae	0.0% (±0.0%)	37.2% (±29.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like brown macroalgae	34.0% (±27.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	1.1% (±2.8%)	0.2% (±0.4%)	0.6% (±1.9%)
Sheet like green macroalgae	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sheet like red macroalgae	18.6% (±16.0%)	13.8% (±11.9%)	7.0% (±6.2%)	1.8% (±2.1%)	18.7% (±9.7%)	10.2% (±4.3%)	5.5% (±8.1%)
Erect fine branching brown macroalgae	0.6% (±1.1%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Erect fine branching red macroalgae	0.5% (±1.0%)	0.5% (±1.1%)	0.0% (±0.0%)	0.0% (±0.0%)	1.3% (±2.6%)	0.6% (±1.1%)	0.0% (±0.0%)
Stalked colonial ascidia	4.5% (±4.8%)	2.4% (±4.9%)	4.0% (±4.4%)	0.5% (±1.6%)	1.8% (±2.2%)	0.7% (±0.8%)	0.0% (±0.0%)
Stalked solitary ascidia	0.5% (±1.0%)	0.4% (±0.8%)	0.0% (±0.0%)	0.0% (±0.0%)	0.4% (±1.3%)	0.0% (±0.0%)	0.9% (±1.9%)
Unstalked colonial ascidia	0.0% (±0.0%)	0.7% (±1.3%)	3.9% (±3.6%)	0.0% (±0.0%)	1.6% (±1.6%)	0.5% (±0.7%)	0.2% (±0.6%)
Unstalked solitary ascidia	24.8% (±13.7%)	14.6% (±9.1%)	2.4% (±3.4%)	0.0% (±0.0%)	0.5% (±0.8%)	0.4% (±1.0%)	1.8% (±2.0%)
Fish	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard branching bryozoa	0.0% (±0.0%)	0.0% (±0.0%)	0.3% (±0.9%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hard encrusting bryozoa	0.4% (±0.5%)	0.7% (±0.8%)	31.1% (±7.8%)	8.4% (±4.3%)	21.0% (±5.6%)	26.3% (±7.6%)	13.5% (±5.1%)
Colonial corallimorps anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hydroids	13.4% (±8.8%)	20.0% (±15.0%)	4.0% (±4.7%)	2.8% (±2.6%)	4.6% (±5.0%)	1.0% (±1.6%)	2.9% (±5.9%)
Stony solitary coral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Anemone	0.0% (±0.0%)	1.4% (±3.8%)	0.7% (±1.5%)	2.2% (±4.2%)	0.2% (±0.4%)	0.5% (±1.3%)	1.4% (±2.9%)
Colonial zoanthid anemone	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)
Fleshy arborescent octocoral	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Acorn barnacle	0.0% (±0.0%)	1.7% (±2.6%)	2.0% (±2.4%)	25.9% (±18.2%)	1.7% (±2.3%)	0.4% (±0.7%)	4.6% (±4.6%)
True crab	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Hermit crab	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.6%)	0.1% (±0.3%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)
Shrimp	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Sea cucumber	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Bivalve	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.2% (±0.6%)
Chiton	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Gastropod	0.0% (±0.0%)	0.4% (±0.7%)	2.2% (±1.7%)	2.8% (±3.0%)	2.2% (±3.3%)	1.2% (±1.1%)	0.3% (±0.7%)
Encrusting sponge	0.0% (±0.0%)	0.9% (±1.3%)	0.7% (±1.9%)	0.6% (±1.3%)	0.3% (±0.5%)	1.1% (±2.8%)	0.1% (±0.3%)
Erect sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Massive sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Cryptic sponge	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)	0.0% (±0.0%)
Calcareous tube worm	0.1% (±0.3%)	0.9% (±0.9%)	0.7% (±0.9%)	0.3% (±0.5%)	1.8% (±1.3%)	0.4% (±0.7%)	0.5% (±0.7%)
Non-calcareous tube worm	0.1% (±0.3%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)	0.1% (±0.3%)	0.0% (±0.0%)	0.0% (±0.0%)