

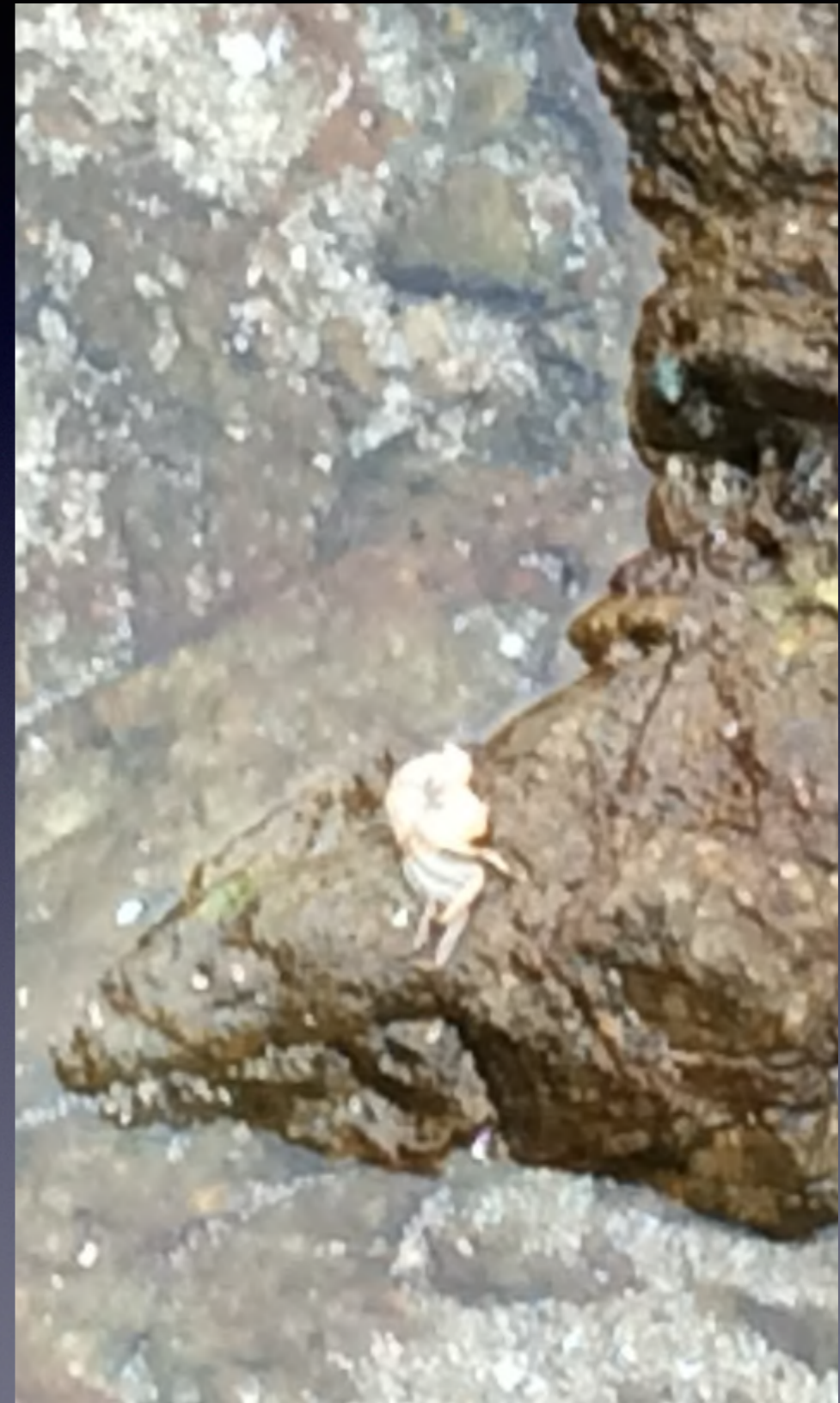
Group 3 - Rocky Shore

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Active Searching for Animals



Grapsid Crab



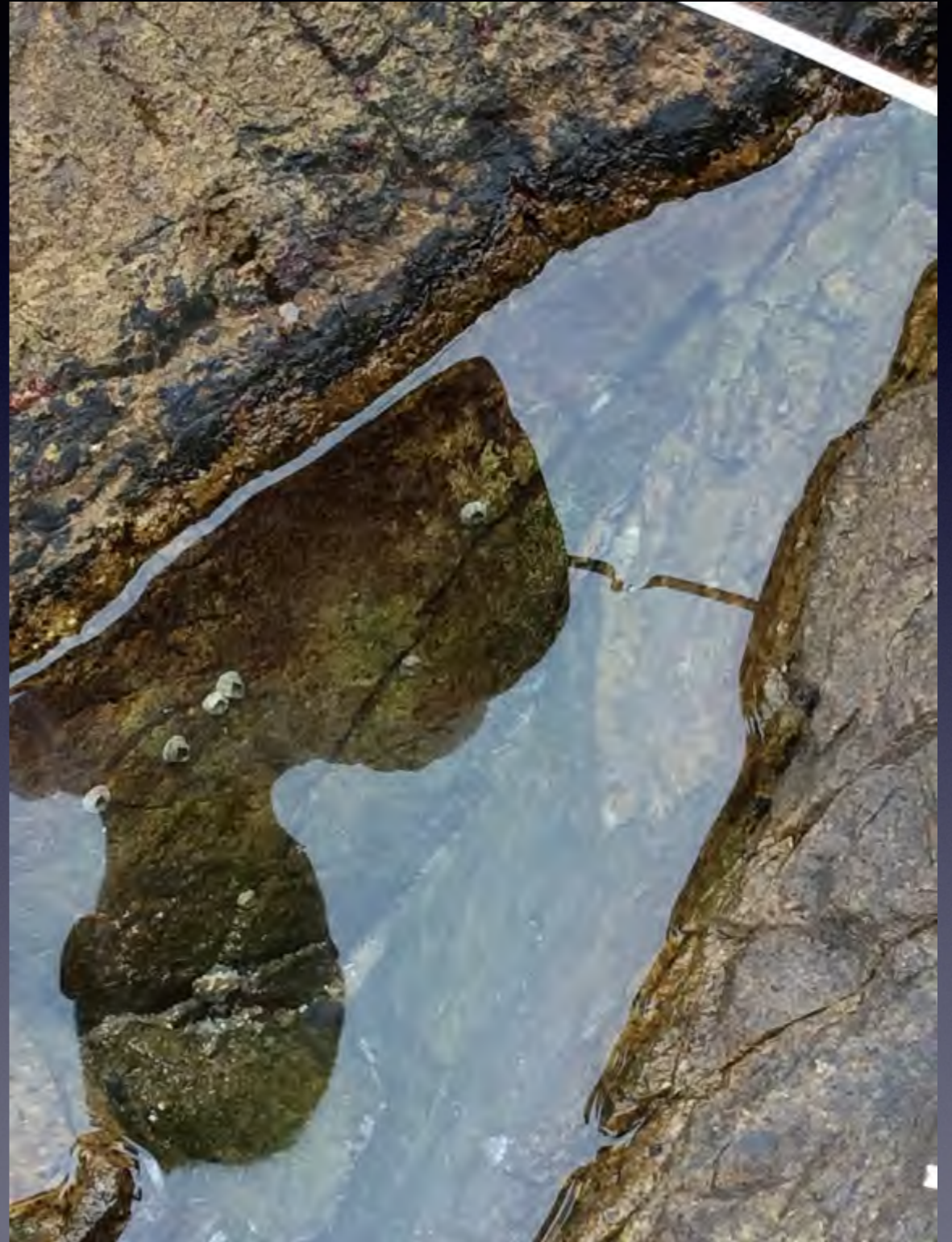


Top shell



Sea slaters

Rock Pool





Splash Zone



Abiotic factors

Factor/Area	Rock pool	Splash zone
Temperature (°C)	25.2	26.5
Relative humidity (%)	77	72
Light intensity (lux)	14250	35300
Wind speed (m/s)	0.9	0.2

Quadrat survey

Animal	Phylum	No of individuals in rock pool	No of individuals in splash zone
Acorn barnacles	Athropoda	15	0
Sea slaters	Athropoda	1	4
Hermit crabs	Athropoda	2	0
Top shell	Mollusca	7	0
Bumpy drill	Mollusca	1	0
Grapsid crab	Athropoda	1	2

Anti-predation methods

Animal	Bearing hard shell	Camouflage	Quick reaction	No reaction	Firmly attached
Acorn barnacles	✓	✗	✗	✓	✓
Sea slaters	✗	✗	✓	✗	✗
Hermit crab	✓	✓	✓	✗	✗
Top shell	✓	✗	✗	✗	✓
Bumpy drill	✓	✓	✗	✓	✓
Grapsid crab	✓	✓	✓	✗	✗

Adaptation to wave actions

Animals	Small body size	Flattened body	Well developed attachment ability	Congregation behavior
Acorn barnacle	✓	✗	✓	✓
Sea slaters	✓	✗	✗	✓
Hermit crab	✓	✗	✗	✗
Top shell	✓	✗	✓	✓
Bumpy drill	✓	✗	✓	✗
Grapsid crab	✗	✓	✗	✗