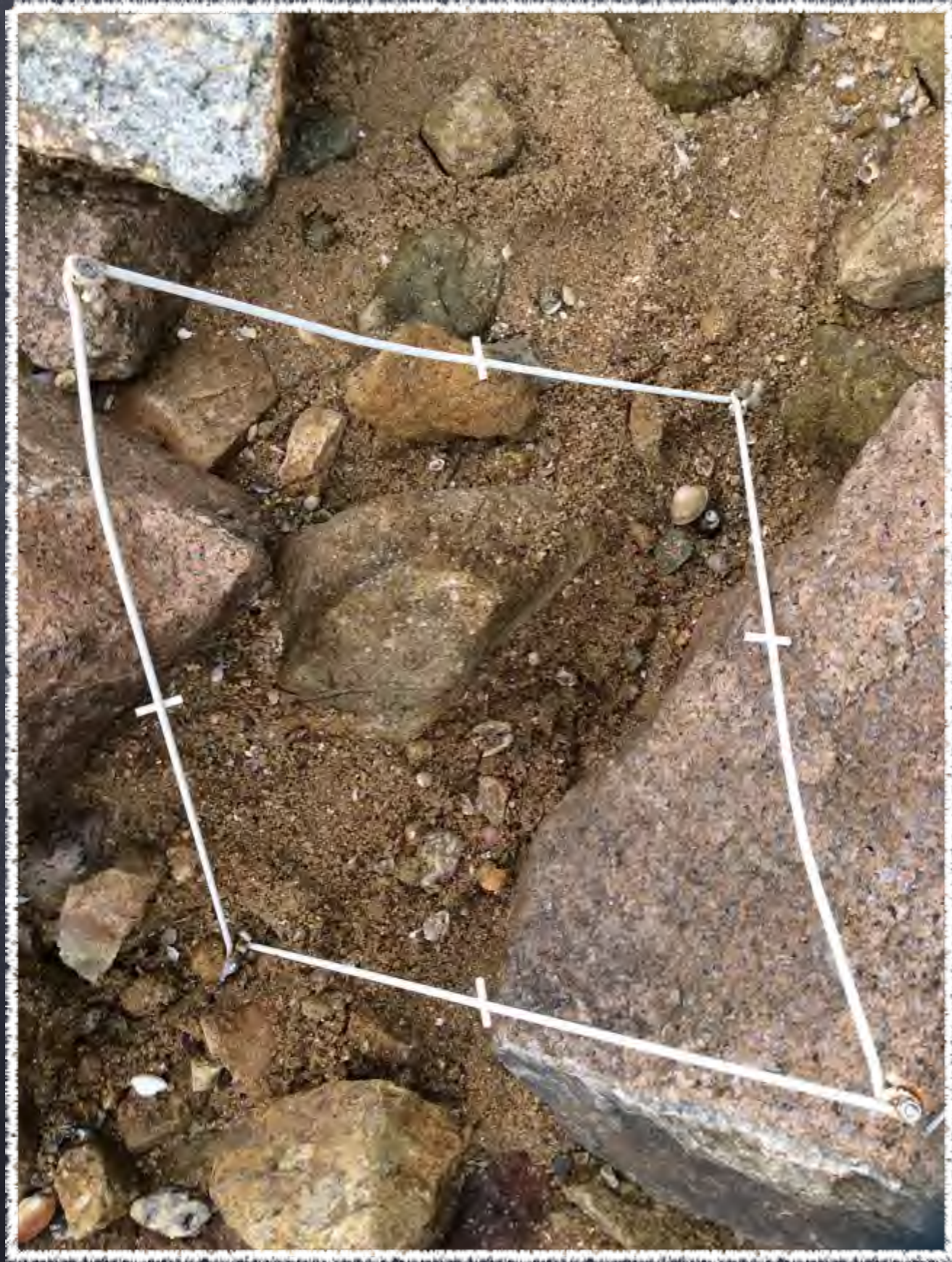
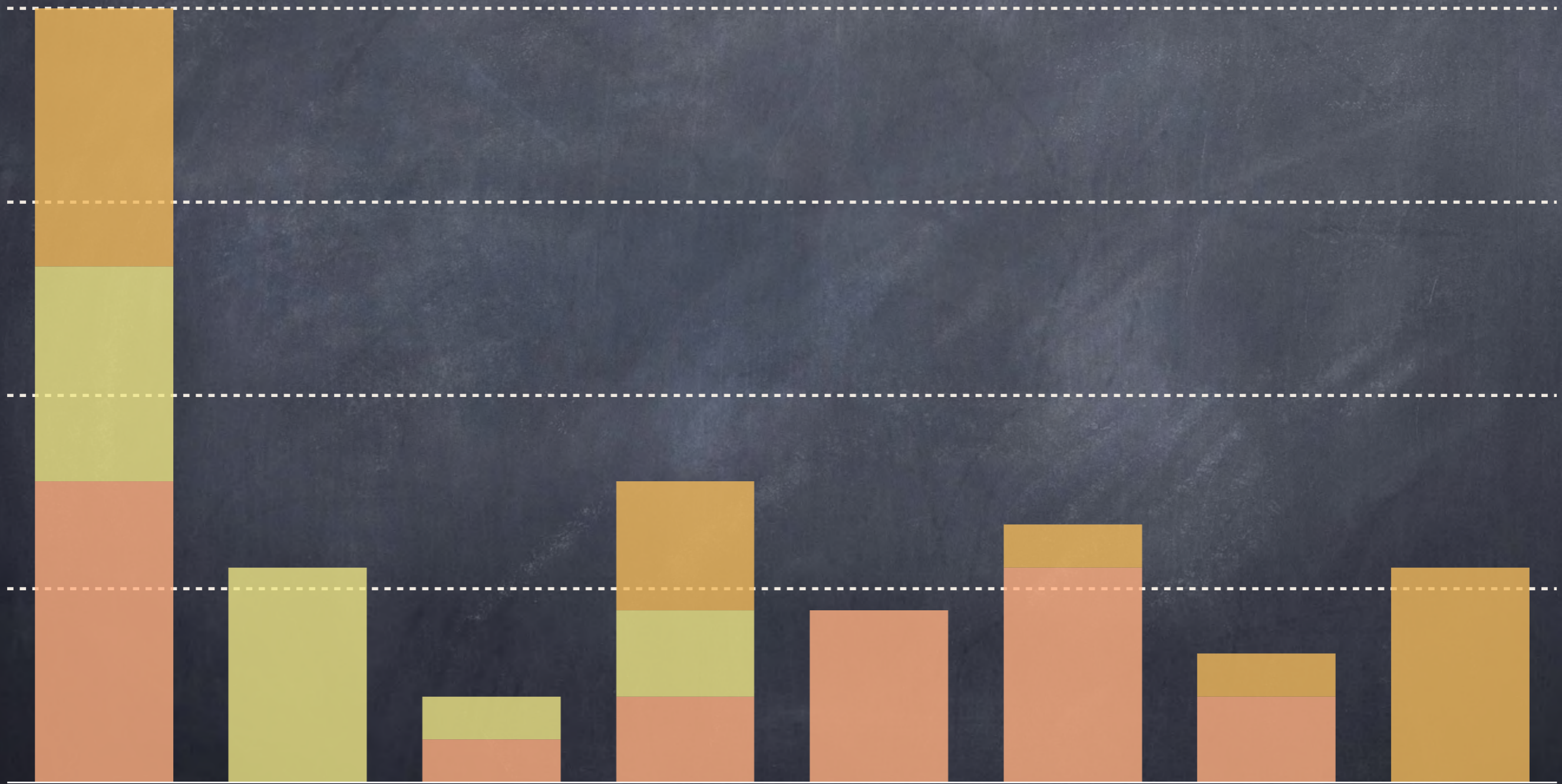


Study of Rocky Shore Ecosystem

Group 1



Green : Rock pool
Orange : splash zone
Red : intertidal zone



單齒螺

海葵

寄居蟹

中國朽葉蛤

疣荔枝螺

花冠小月螺

摺痕擬相手蟹

結螺



Intertidal zone vs Splash zone

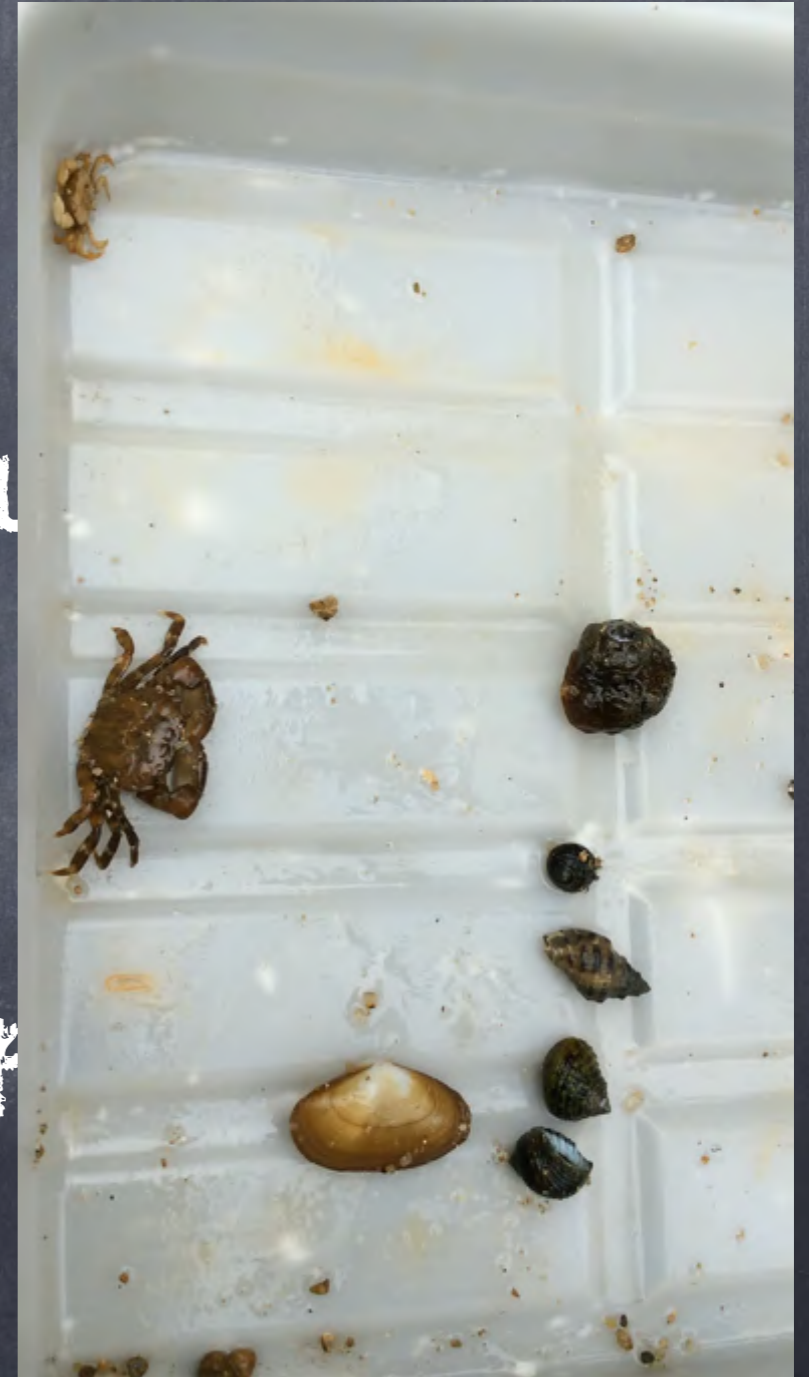
- Temperature & humidity : intertidal zone higher than splash zone → lower chance of desiccation





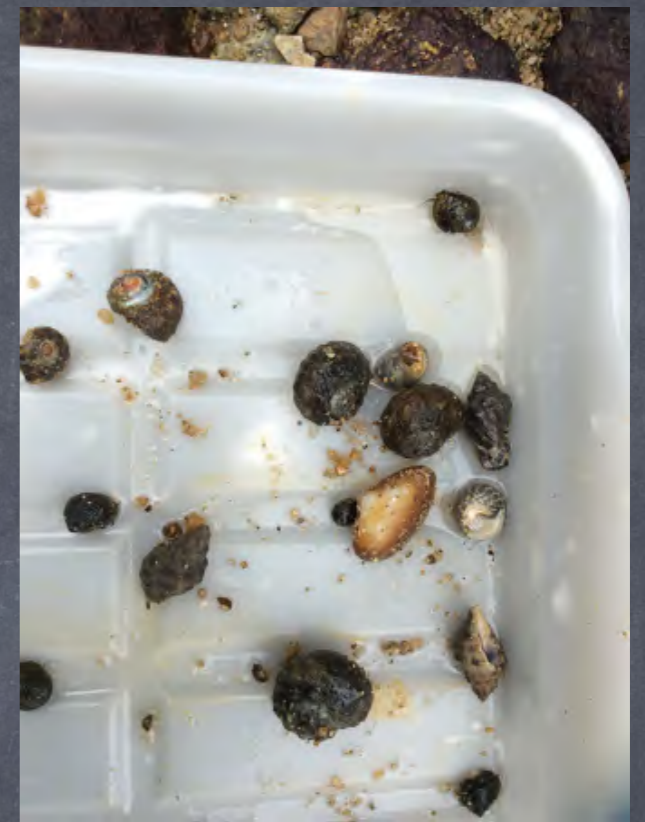
Intertidal zone vs Rock pool

- Salinity : intertidal zone & Rock pool
- → prevent dehydration
- → regulation of osmotic p



How do the living organisms
adapt to physical
environment of rocky shore?

海螺



- Strong shells & small size
- Grind soft rock with its shell to make exact fit
- Strong foot muscle rock
- Camouflage : prev



蟹



- Hiding under stones
- Finding shades
- Camouflage : prevent predation
- Move to find preys
- Hard shell : protection





海葵

-> prevent desiccation

- Hide between rock gaps
- Attach to rock surface
- Mouth opening firmly tucked inside -> retain water waiting for next high tide

