

Octopus
Qarnta



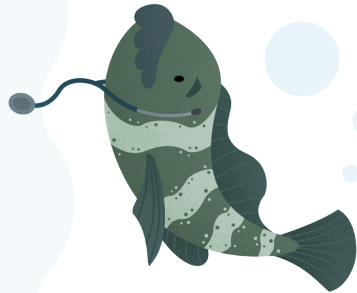
Feeder Type:
Benthic
Feeding Strategy:
Active Hunter
Size:
Large

Rainbow Wrasse
Charusa



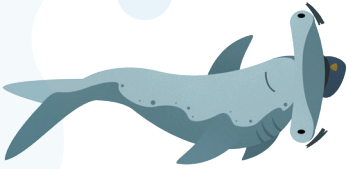
Feeder Type:
Benthic
Feeding Strategy:
Forager
Size:
Small

White Crouper
Dott



Feeder Type:
Benthopelagic
Feeding Strategy:
Ambush Predator
Size:
Large

Hammerhead Shark
Kurazza



Feeder Type:
Pelagic
Feeding Strategy:
Active Hunter
Size:
Large

Scopoli's Shearwater
Ciefa



Feeder Type:
Pelagic
Feeding Strategy:
Surface Feeder
Size:
Medium

Scorpionfish
Skorfna



Feeder Type:
Benthic
Feeding Strategy:
Ambush Predator
Size:
Medium

SCENARIO CARD
GETTING CAUGHT IN PLASTIC

SCENARIO CARD
EATING MICROPLASTICS

SCENARIO CARD
PLASTIC WASTE IN HABITATS

SCENARIO CARD
RISING SEA TEMPERATURES





Strengths:

High intelligence
Flexible and manipulative
Selective hunter
Adaptable to habitat changes

Weaknesses:

Sensitive to extreme temperatures



Strengths:

Strong swimmer
Selective hunter
Wide-ranging habitat

Weaknesses:

Slow reproductive rate



Strengths:

Navigates small spaces
Moderate thermal tolerance

Weaknesses:

Prone to ingesting smaller plastic pieces that settle at the bottom



Strengths:

Strong flying capabilities
Nests on islands away from oceanic threats

Weaknesses:

Can ingest floating plastics/microplastics
Limited wing movement
Sensitive to temperature changes



Strengths:

Can move to new habitats
Targets larger prey
Temperature tolerant

Weaknesses:

Low reproduction rate



Strengths:

Camouflaged and stationary
Targets larger prey

Weaknesses:

Specific habitat needs
Less mobile

ANIMALS WITH SELECTIVE FEEDING STRATEGIES ARE LESS LIKELY TO INGEST HARMFUL MICROPLASTICS. EATING PLASTIC MAY LEAD TO LOSS OF NUTRITION, INTERNAL INJURY, STARVATION, AND EVEN DEATH.

ANIMALS AT RISK OF GETTING ENTANGLED IN PLASTIC DEBRIS MUST HAVE ABILITIES TO AVOID OR ESCAPE ENTANGLEMENT.

INSULATION PROPERTIES OF PLASTIC INCREASE WATER TEMPERATURES, AFFECTING ANIMALS THAT CANNOT TOLERATE TEMPERATURE CHANGES.

PLASTIC WASTE ACCUMULATION AFFECTS SPECIFIC HABITATS; ANIMALS WITH VERSATILE HABITAT PREFERENCES HAVE AN ADVANTAGE.



Age: 8+

Activity Type: Game

WHAT'S AT RISK BELOW?

Use the cut-outs on this page to place the ocean dwellers in the correct regions on the ocean zone map. Then, place each of the 5 plastic items from the density activity in the areas where they would end up to see which creatures might be affected. If you found any other items that are not included below, go ahead and draw your own!

