Learn about the Boston Harbor Rocky Intertidal habitat of New England through this 13 species deck. The intertidal habitat is located in the area between high and low tide, and are very dynamic, productive and biodiverse habitats that provide an important link between marine and terrestrial systems.

Find this card deck and more at: education.eol.org/species_cards

Title Image Credit: Susannah Clary CC-BY-NC
**Common Periwinkle**  
*Littorina littorea*  
Gastropoda

- **Habitat**: Rocky Intertidal Zone
- **Size**: 2-5 cm  
  - Black, grey, striped  
  - 5-10 yrs  
  - Floating egg masses  
  - Intertidal/subtidal
- **Color**: LC  
  - IUCN Redlist
- **Life Span**: 15-20 yrs
- **Reproduction**: Mid-Intertidal
- **Zonation**: Herbivore

**Geographic Range**  
Native from northern Spain to Great Britain, Scandinavia and the White Sea in Russia  
Invasive: Western North Atlantic ocean

*Image: Janosch Plicka/cc-by-nc

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**Rockweed**  
*Ascophyllum nodosum*  
Phaeophyceae

- **Habitat**: Rocky Intertidal Zone
- **Size**: 0.6-1.8 m  
  - Olive green  
  - 6 days (max)
- **Color**: NE  
  - IUCN Redlist
- **Life Span**: 15-20 yrs  
  - Broadcast spawners  
  - Division; auxospores
- **Reproduction**: Mid-Intertidal
- **Zonation**: Herbivore

**Geographic Range**  
Native to the Eastern and Western shores of the North Atlantic ocean

*Image: Microscope CC-BY-NC

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**Phytoplankton**  
*Thalasiosira*  
Centric diatom

- **Habitat**: Rocky Intertidal Zone
- **Size**: 2-186 µm  
  - Yellow-brown  
  - 6 days (max)
- **Color**: NE  
  - IUCN Redlist
- **Life Span**: 15-20 yrs  
  - Broadcast spawners  
  - Division; auxospores
- **Reproduction**: Mid-Intertidal
- **Zonation**: Herbivore

**Geographic Range**  
Northern cold to temperate waters, abundant during spring and fall bloom

*Image: Microscope CC-BY-NC

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**Vocabulary**

- **Adaptation**: A physical characteristic or behavior that helps an organism survive in its environment
- **Brood/Litter**: Group of young produced at one time
- **Carapace**: Shell of a turtle or head and thorax of arthropods
- **Clutch Size**: Number of eggs laid in a nest at one time
- **Complete Metamorphosis**: Some insects have a four stage life cycle: egg, larva, pupa, adult
- **Crepuscular**: Active at dawn and dusk
- **Diurnal**: Active during the day
- **Habitat**: The area an organism lives and can find its resources
- **Growth Form**: Classification of plants as trees, shrubs, herbaceous, and grasses
- **Incomplete Metamorphosis**: Some insects have a three stage life cycle: eggs, nymph, adult
- **Molt**: The act of shedding exoskeleton, skin or feathers as an animal grows
- **Snout-vent Length**: In amphibians and reptiles, the length from tip of nose to tail base (cloaca)
- **Standard Length**: In fishes, length from tip of snout to end of last vertebra