

Knowledge-based Learning Outcomes

Upon completion of *Keystone Predator (WB)*, students should be able to:

1. Define ecological community.
2. Define food web.
3. Define ecological competition.
4. Describe characteristics of a keystone species (impact on ecological community large relative to its abundance).
5. Identify types of organisms that live in the intertidal zone (algae, sessile invertebrates, mobile predatory invertebrates).

Skills-based Learning Outcomes

Upon completion of *Keystone Predator (WB)*, students should be able to:

1. Deduce competitive relationships in an ecological community, and construct or interpret diagrams that reflect these relationships.
2. Deduce trophic relationships in an ecological community, and construct or interpret diagrams that reflect these relationships.
3. Predict qualitative results of species removal experiments, given competitive dominance and feeding relationships for the species in an ecological community.
4. Apply understanding of relationships among species in a community to predict and explain the effects of the introduction of an invasive predator.