

Knowledge-based Learning Outcomes

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

1. Define ecological community.
2. Define community structure.
3. Differentiate between producers and consumers in an ecological community.
4. Differentiate between direct and indirect effects.
5. Describe characteristics of a keystone species.
6. Explain the difference between a dominant species and a keystone species.

Skills-based Learning Outcomes

Upon completion of *Keystone Predator*, 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.