

Case Study of Differential Survival of Organisms

Name: _____

Instructions: Use the information provided in **Case Study: Great Barrier Reef, Australia** (Student Edition, pages 8–11) to complete the following chart. (1 point per cell, 15 points total)

1. In the left-hand column, list five changes to the environment. Then complete the other two columns.

Changes to the Environment	Cause: Natural Factors or Human Activity	Effects on Species

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Name: _____

Instructions: Use the information provided in **Case Study: Great Barrier Reef, Australia** to answer the following questions in the spaces provided. (10 points each)

2. Identify and describe the effects of natural and human factors that have affected the survival of the population of coral in the Great Barrier Reef.

3. What would be the long-term effects if a large population of crown-of-thorns sea stars continues to eat the coral? What adaptations might allow coral to survive and avoid local extinction?
