

Name: _____ Date: _____

Energy Flow Through Ecosystems

Using the video, create a food web with the following species:

Bear	Grasses	Herring	Dall's Porpoises	Salmon
Berries	Plankton	Humpback whales	Killer whale	Decomposers

- 1) Identify producers: _____
- 2) Identify consumers: _____
- 3) What is an example decomposer? _____
- 4) What would happen if all plankton were removed from the food web – which species would be affected and why? _____

- 5) The local fishing industry has overfished the Salmon in the area, leaving a greatly reduced number of Salmon who make it to the island.
 - a. How do you think this will affect bears immediately? _____

 - b. How might it affect bears later in the season? _____

 - c. How might this change affect other forms of life on the island (other animals, plants, decomposers) now and many years later? _____
