

HIPPO in California: Endangering Species

Lesson 5 | page 1 of 3

Name: _____

Instructions: Read each card about an endangered species in California. As a group, decide which human activities (HIPPO) have affected the rate of extinction of that species. Describe each activity under the HIPPO category it best relates to. (*Note: Not every cell must be completed.*) (1 point per cell)

Species	H (Habitat Destruction)	I (Introduced Species)	P (Pollution)	P (Population Growth)	O (Overcon- sumption)
California freshwater shrimp					
Salt marsh harvest mouse					
San Joaquin antelope squirrel					
Island fox					

Name: _____

Instructions: Working independently, answer the following questions in the spaces provided.

1. Humans alter the environment in many ways and the changes they bring can affect extinction rates. Explain how each of the following activities can endanger species other than humans. (2 points each)

Habitat destruction: _____

Introduced (nonnative) species: _____

Pollution: _____

Population growth: _____

Overconsumption: _____

2. Which of the human activities listed above has had the greatest effect on the species extinction rates in California? (2 points)

Name: _____

Instructions: Answer the questions in the spaces provided. (3 points each)

5. Why do scientists think there is a mass extinction or extinction event going on right now?

6. When a species goes extinct, the absence of the species affects the surrounding natural system. Give one example of how the extinction of one (nonhuman) species affects another.

7. Give three examples of how the extinction of a species could affect our human society (the way we live).

8. Why should we care about extinction?
