

Solutions

Each answer shows the steps, then the **result**.

2.1

- It has no natural predators in the new area, so its population is not kept in check

2.2

- Any one: habitat destruction, pollution, climate change, overharvesting

2.3

- A species with an outsized role whose loss greatly affects the whole community

3.1 B

- lacks natural predators in the new area

3.2

(a)

- The native prey population declines (may collapse)

(b)

- Species that ate the prey lose their food, and species the prey controlled may increase — the change ripples through the food web

3.3

- A keystone species has a large effect on many others (e.g. controlling prey numbers); removing it lets some populations explode and others crash, disrupting the whole community