

Biology Toolkit: Indicator 3.5.4

Student Handout: Biology: Indicator 3.5.4

Goal 3.0 Concepts Of Biology

Expectation 3.5 The student will investigate the interdependence of diverse living organisms and their interactions with the components of the biosphere.

Indicator 3.5.4 The student will illustrate how all organisms are part of and depend on two major global food webs that are positively or negatively influenced by human activity and technology.

Assessment Limits:

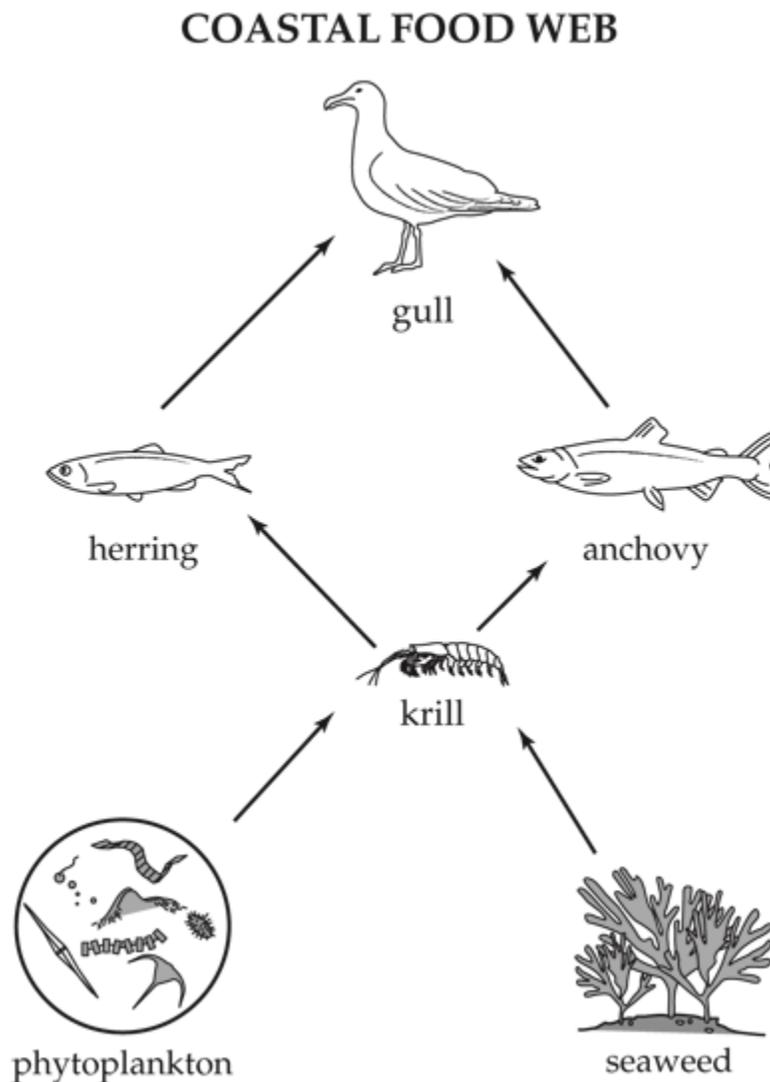
oceanic food web

terrestrial food web

Public Release - Selected Response Item - Released in 2009

Biology Indicator 3.5.4

The diagram below represents a Coastal Food Web.



Global warming causes an increase in coastal water temperatures. Increased coastal water temperature causes a decrease in reproduction of krill. Which of these would most likely experience an increase in population?

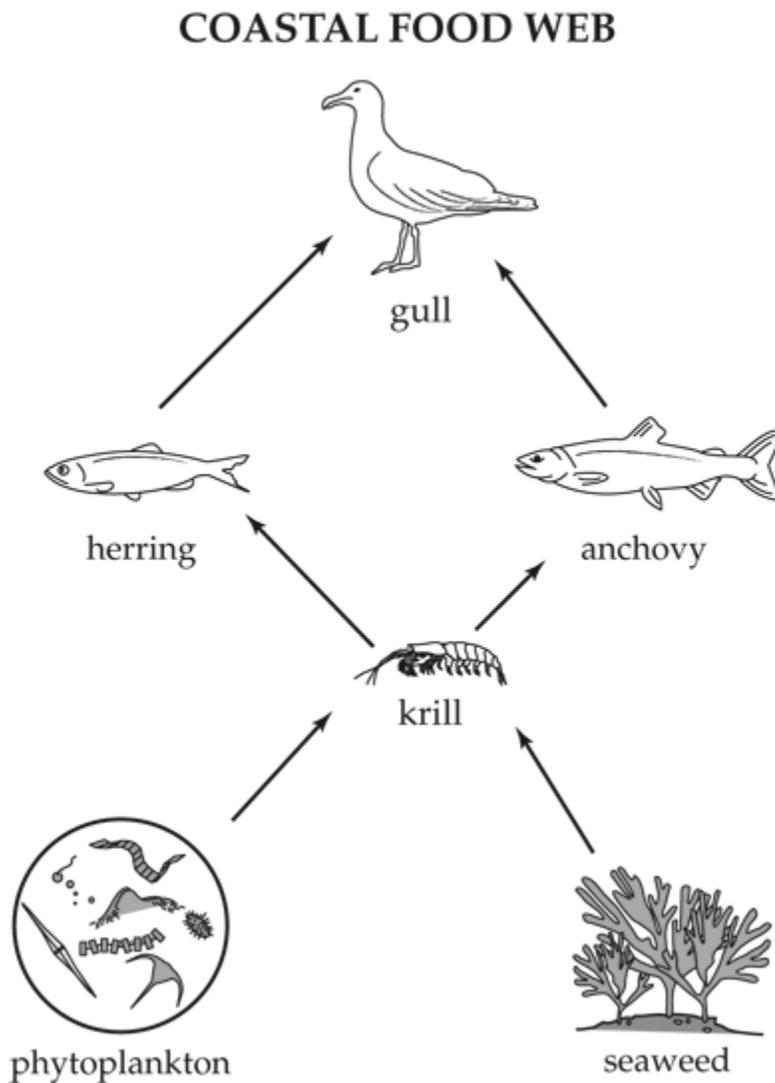
- A. gull
- B. herring
- C. anchovy
- D. phytoplankton

Correct Answer

D. phytoplankton

Item

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