

# Marine Resources

USING AND EXPLOITING THE ENVIRONMENT

## Introduction

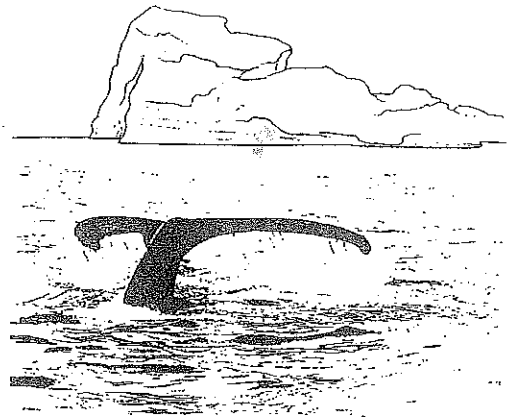
In this section you will be using a graph, chart and diagram to gain some knowledge about the exploitation of sea resources in the Antarctic area. Ask your teacher to explain the meaning of 'exploitation'.

### ACTIVITY II

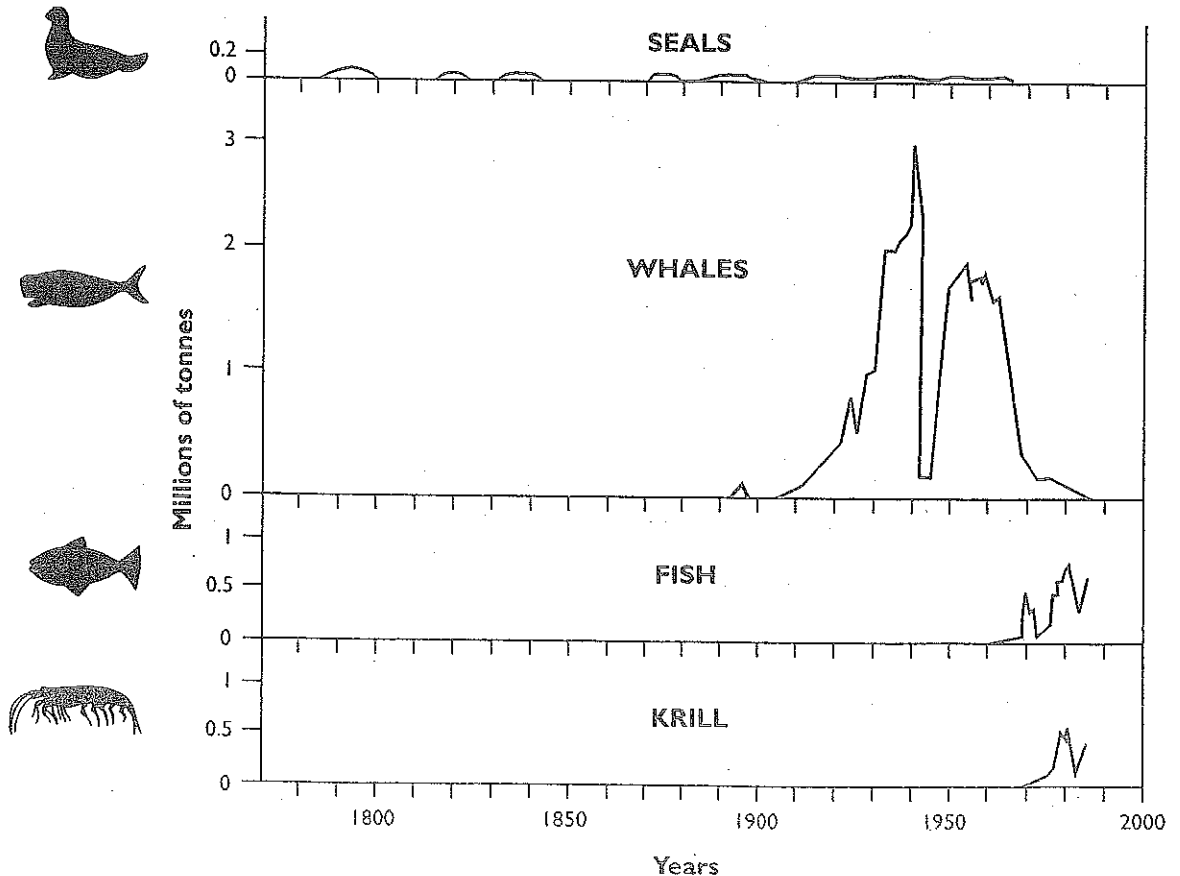
### Graph Work



A. Look at the graph and then try the questions on the following page.



## Commercial Catches of Marine Animals in the Antarctic Area 1784-1988

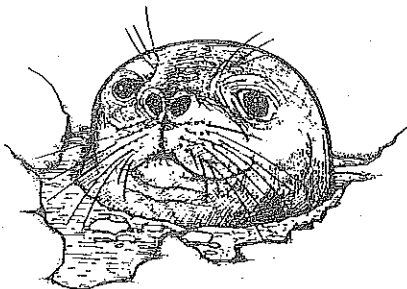




ACTIVITY II

Graph Work (continued)

- Which of the marine animals was exploited first?  
\_\_\_\_\_
- Which marine animal has made up the largest fraction of the total catch (by weight)?  
\_\_\_\_\_
- What was the weight of the krill catch in 1980?  
\_\_\_\_\_
- Which word best describes the fish-catch line:  
*declining, increasing, even, varying?*  
\_\_\_\_\_
- Why do you think the seal-catch line is 'bumpy'?  
\_\_\_\_\_
- Do you know why seals were killed?  
\_\_\_\_\_
- Why do you think the whale-catch line fell so much in the early 1940s?  
\_\_\_\_\_  
\_\_\_\_\_
- Why do you think the whale-catch line fell away in the 1980s?  
\_\_\_\_\_  
\_\_\_\_\_
- The amount of fish taken has been small, but overfishing has had local effects. Can you think of an example of one such effect?  
\_\_\_\_\_  
\_\_\_\_\_
- Why might krill fishing have been late in developing?  
\_\_\_\_\_



■ **Did you know?**  
Weddell seals can stay submerged for more than one hour.