

Worksheet #2: Habitat & Niche – Food Webs

FOOD WEBS

You have just learned that food chains show food relationships. However, in nature, many food chains combine and overlap. They form a **food web**. A food web is a more complete way of showing food relationships. A food web shows how a number of food chains are related.

Look at the food web in Figure C. Then answer the questions.

1. What is the diagram shown called? _____

2. What does the diagram show? _____

3. What does a rabbit eat? _____

4. What organisms do wolves eat? _____

5. Which organism is the producer? _____

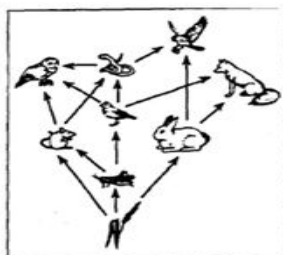


Figure C

MAKE YOUR OWN FOOD CHAIN

In the space below, draw one of the food chains shown in the diagram above.

COMPLETE THE CHART

Classify each organism in the table as a producer, consumer, or decomposer. Place a check mark in the correct columns.

| | Organism | Producer | Consumer | Decomposer |
|----|------------|----------|----------|------------|
| 1 | Seaweed | | | |
| 2 | Duck | | | |
| 3 | Hawk | | | |
| 4 | Ants | | | |
| 5 | Bacteria | | | |
| 6 | People | | | |
| 7 | Rabbits | | | |
| 8 | Grass | | | |
| 9 | Apple Tree | | | |
| 10 | Bees | | | |
| 11 | Earth Worm | | | |
| 12 | Beetle | | | |

COMPLETE THE CHART

Classify each description as a **habitat** or **niche** by checking the correct column.

| | Description | Habitat | Niche |
|----|-------------------------|---------|-------|
| 1 | Eaten by fish | | |
| 2 | Under rocks | | |
| 3 | Hole in tree | | |
| 4 | Eat mice | | |
| 5 | Nest on a tree branch | | |
| 6 | Eat seeds and fruit | | |
| 7 | Log | | |
| 8 | Jungle | | |
| 9 | Shared by organisms | | |
| 10 | Not shared by organisms | | |

MATCHING

Match each term in Column A with its description in Column B. Write the correct letter in the space provided.

| Column A | Column B |
|---------------------|--|
| _____ 1. Plants | a) organism that makes its own food |
| _____ 2. Producer | b) animal that feeds on other animals |
| _____ 3. Decomposer | c) bird that eats dead animals |
| _____ 4. Consumer | d) organisms that breaks down the wastes or remains of other organisms |
| _____ 5. Vulture | e) main producers on land |
| _____ 6. Algae | f) main producers in lakes and oceans |

FILL IN THE BLANK

Complete each statement using a term from the list below. Write your answers in the spaces provided.

niche webs food
sun soil

1. A producer can make its own _____.
2. The _____ is the source of energy for an ecosystem.
3. Food chains combine to form food _____.
4. The role of an organism is called its _____.
5. A decomposer returns materials from dead organisms to the _____.