

Ecopsystems

15. A rabbit feeds on grass, is eaten by foxes and is a habitat for fleas.

The statement above describes the rabbit's

- A ecosystem
- B community
- C niche
- D prey.

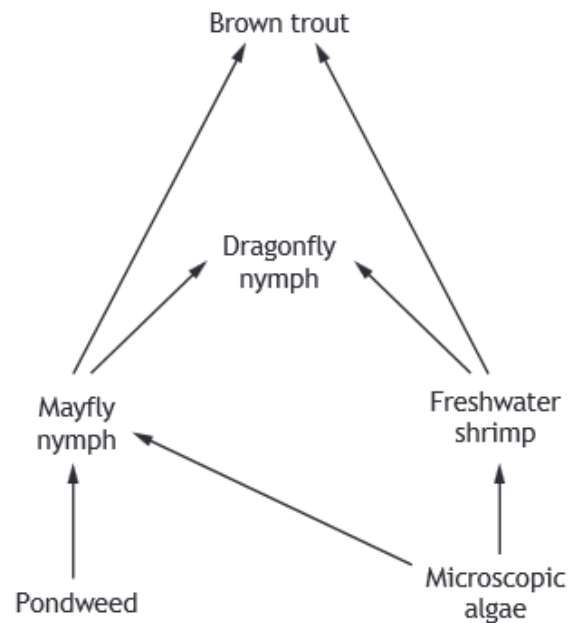
17. In which of the following would competition not occur?

- A Rabbits grazing in a field
- B Owls and foxes hunting for mice
- C Daisies and dandelions growing in a lawn
- D Algae and fish in a loch

15. Which of the following statements best describes a niche?

- A A living factor which affects biodiversity in an ecosystem.
- B A region of our planet as distinguished by its climate, fauna and flora.
- C All the organisms in an area and their habitat.
- D The role that an organism plays within a community.

20. The diagram below represents a freshwater food web.



The number of freshwater shrimps was found to have decreased dramatically.

Predict the effect this will have on the numbers of dragonfly nymphs and microscopic algae.

- A Both populations would decrease.
 - B Both populations would increase.
 - C Microscopic algae would decrease and dragonfly nymphs would increase.
 - D Microscopic algae would increase and dragonfly nymphs would decrease.
18. An ecosystem consists of abiotic factors plus a

- A community and its biodiversity
- B population and its biodiversity
- C population and its habitat
- D community and its habitat.