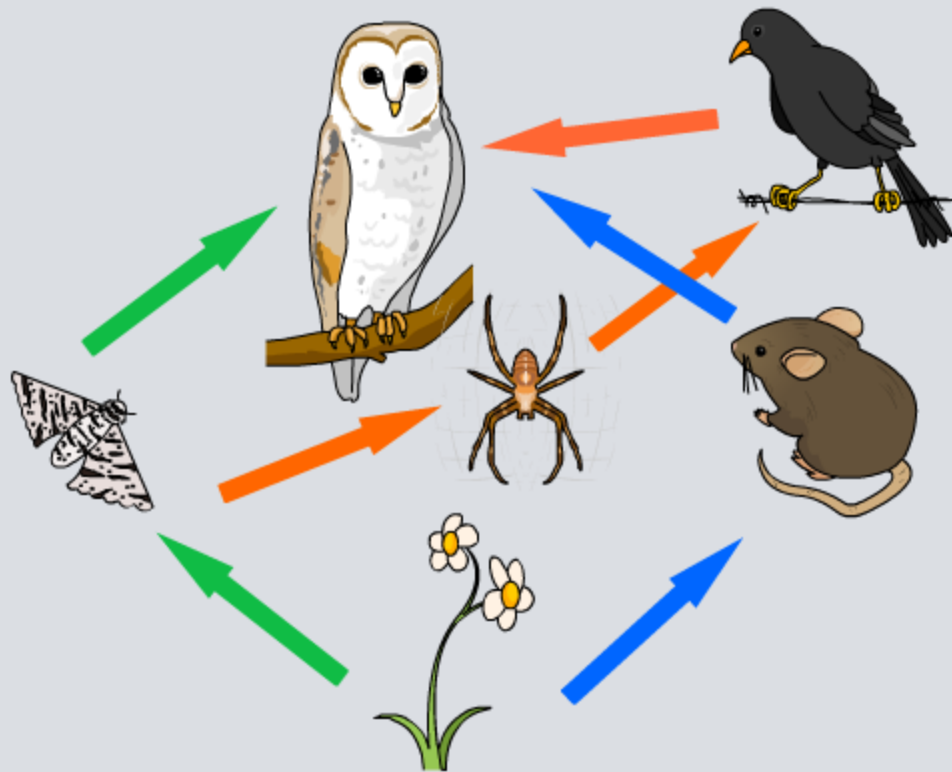


# Food Webs



# What is a food web?

Why is it a good idea for an organism to have different sources of food? Animals usually eat many different things and are involved in lots of different food chains:

plants → aphid → ladybug → chickadee → owl

plants → moth → chickadee → owl

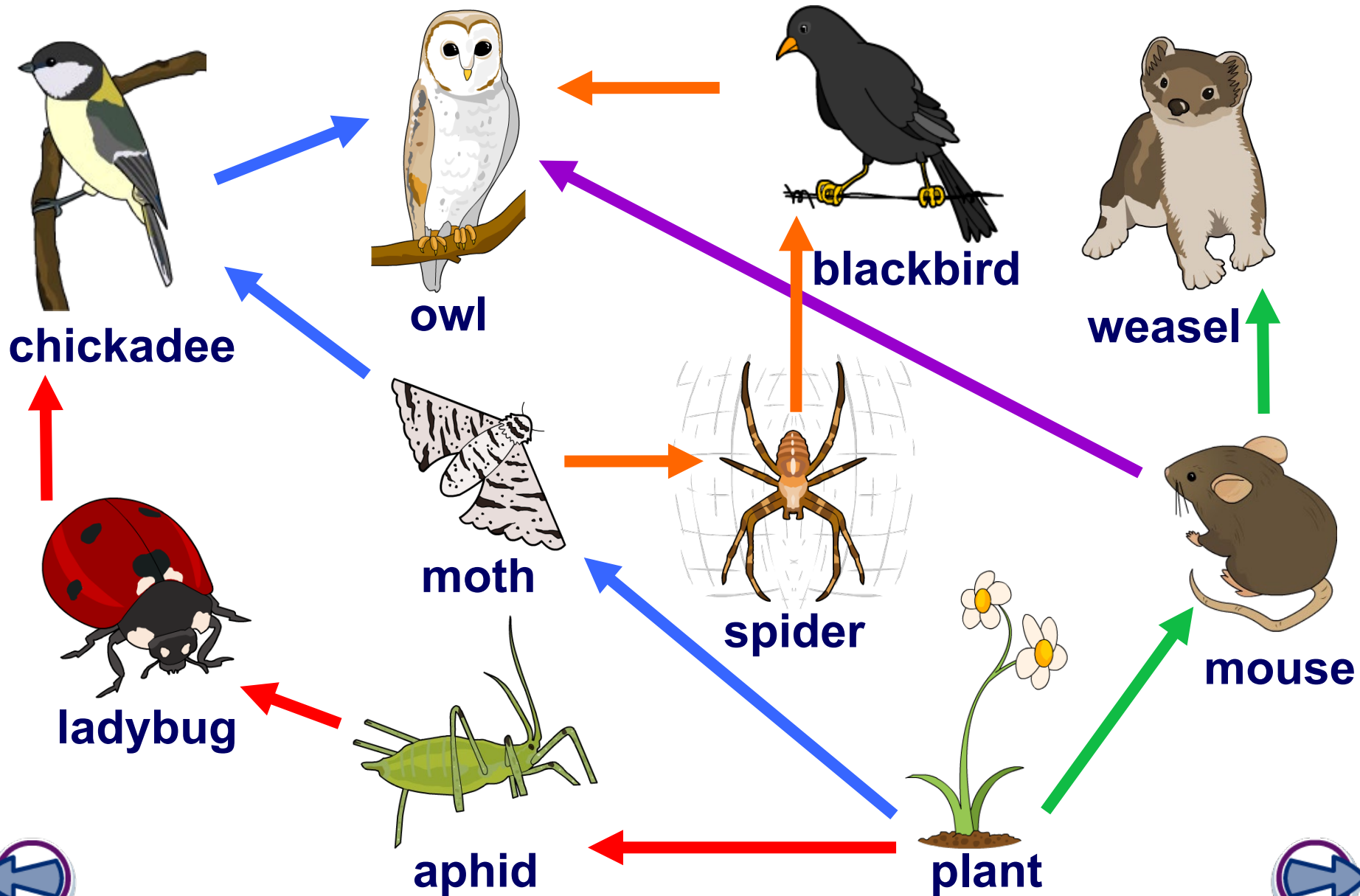
plants → mouse → weasel

plants → mouse → owl

These food chains can be put together in a **food web**, which shows how the food chains are connected.

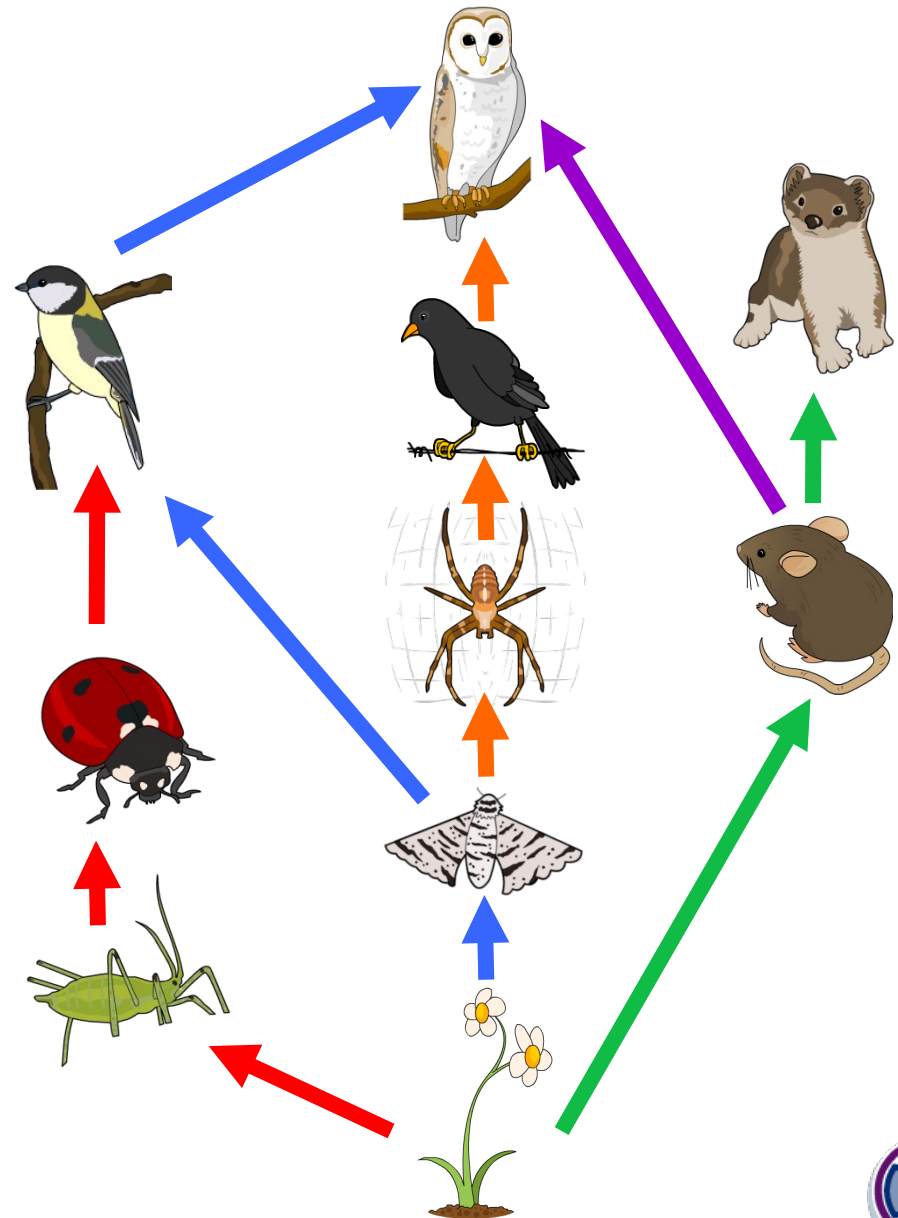
What would the food web for these food chains look like?

# Food webs



# Using a food web

1. Name the producer in this food web.
2. Name two herbivores in this food web.
3. Name two species that are top carnivores.
4. How many secondary consumers are there?
5. Which food chains include the moth?



## What is the food web?

Make a note of these food chains and then click "start" to build the food web made up of these food chains.

algae → mussel → starfish

algae → barnacle → seagull

algae → mussel → whelk → crab → seagull

algae → limpet → whelk → crab → seagull



start



# Changes in the food web

Nearly every species of animal is dependent on a number of other species for survival – this is called **interdependence**.

Human activity is damaging the natural habitats of many animals.

This will not only affect the animals in the area, but it could have far-reaching effects on the rest of the species in the food web.



If the population of a species declines dramatically, how might this affect the other species that depend upon it?

# Changes in the food web

Click an animal to see how the food web could change if the species dies out

