



**Cuthbert's Moor**  
An area of upland peatland in the Durham Dales

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What's special about peatlands?



IUCN International Peatland Programme

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What do living things need so they can grow?

Plants      Animals

3

What plants need to grow

Producers

Air      Water      Sunlight      Habitat

4

What is a producer?

Producers are organisms that are able to make their own food.  
Plants are producers - they use energy from the sun, air and water to make their own food.  
This is called photosynthesis.



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What animals need to grow

Consumers

Air      Water      Food      Habitat

6

What is a consumer?

Consumers are living things that can't make their own food so have to eat other living things to grow.  
They get the nutrients and energy they need to survive from eating plants, other animals or both.

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Activity - Producers and consumers

**TASK** In your group, look at the Species Cards and see if you can sort them into Producers and Consumers.

**REMEMBER!** Producers make their own food. Consumers eat other living things.

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Let's take a closer look at Consumers

Consumers can be divided into three groups depending on what they eat. Do you know what these are?

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Herbivores, Carnivores and Omnivores

Herbivore      Carnivore      Omnivore

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Activity - Herbivores, carnivores and omnivores

**TASK** In your group, look at the Consumers and see if you can sort them into Herbivores, Carnivores and Omnivores.

**REMEMBER!**

- Herbivores: only eat Plants
- Carnivores: only eat Meat from other animals
- Omnivores: eat a mix of Plants and Meat

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What is a food chain?

It shows how energy is passed from plants to animals



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Activity - Finding food chains on Cuthbert's Moor

**TASK** Pick one of the Producers from your Species Cards then look at the Consumers and what food they eat. See if you can make a food chain with 3 cards or more.

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Peatlands are an Ecosystem

Living Things      Non-living Things



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Credits

Lapwing, Curlew and Black Grouse sound recordings by Simon Elliott

"The Day We Found The Bog" Video

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