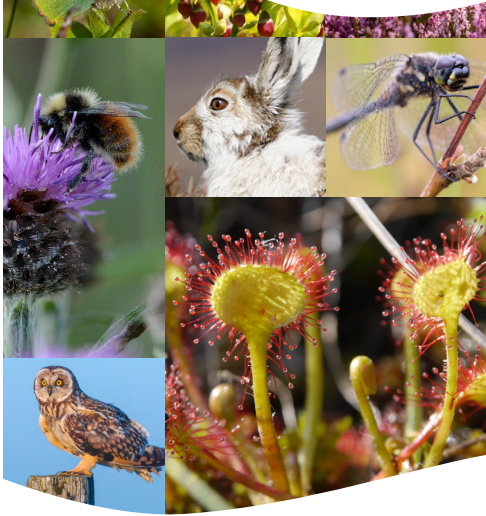


Bogtastic CARDS



Bogtastic FACT FILE



Bogtastic ACTIVITIES

Make a food web

1. Before looking at the info cards can you make some predictions about which species eat what?
2. Lay out your species (if you have a larger piece of paper/card use this to lay them out on) with the plants at the bottom and the species with the highest predator/prey scores at the top.
If you don't have card/paper to draw on you could use string for step 3.
3. Now have a go and drawing lines between them to show which species is being eaten by which.
4. Check the info cards when you have had a go – did you predict any correctly?
Adjust the lines to match what you've learnt.
5. Try taking a species out – how would this disappearance affect other species in the web?

Bogtastic ACTIVITIES

Bogtastic PAIRS

1. Shuffle the cards.
2. Lay the cards out face down – don't look at what they are.
3. Turn the cards over two at a time.
When you turn over two cards which have the same species on them, take them out of play.
4. Take turns with the other player.
The first to win all the pairs is the winner.

You could also play Bogtastic snap!

Bogtastic ACTIVITIES

Make your own CARDS

Different types of habitats link together to form an important network for wildlife. Choose another habitat to study such as woodland.

Create your own cards by researching the species that you might find there.
Try to include all the groups below:

Plants, Mammals, Reptiles, Amphibians, Insects, Birds, Molluscs, Arachnids

Bogtastic ACTIVITIES

MOOR to do...!

Find out how you can help to protect these precious habitats from moorland fire.



Moors for the Future Partnership delivers landscape-scale blanket bog restoration, alongside a programme of research and monitoring, with public engagement across the Peak District and South Pennine moors.

www.moorsforthefuture.org.uk

Bogtastic CARDS

Bogtastic FACT FILE

Bogtastic FACT FILE

Bogtastic CARDS

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Common Lizard




Bogtastic CARDS	Bogtastic factor	6
	Camouflage	9
	Speed	10
	Predator	7
	Size	4

Reptile: 
Zootoca vivipara

Tiger Beetle




Bogtastic CARDS	Bogtastic factor	6
	Camouflage	6
	Speed	8
	Predator	7
	Size	1

Insect: 
Cicindela campestris

Golden Plover




Bogtastic CARDS	Bogtastic factor	9
	Camouflage	8
	Speed	10
	Predator	4
	Size	5

Bird: 
Pluvialis apricaria

Bilberry Bumblebee




Bogtastic CARDS	Bogtastic factor	8
	Camouflage	3
	Speed	6
	Predator	1
	Size	1

Insect: 
Bombus monticola

Common Cotton Grass




Bogtastic CARDS	Bogtastic factor	9
	Camouflage	1
	Speed	1
	Predator	1
	Size	7

Plant: 
Eriophorum angustifolium

Common Heather




Bogtastic CARDS	Bogtastic factor	5
	Camouflage	1
	Speed	1
	Predator	1
	Size	8

Plant: 
Calluna vulgaris

Green Hairstreak




Bogtastic CARDS	Bogtastic factor	6
	Camouflage	8
	Speed	6
	Predator	1
	Size	1

Insect: 
Callophrys rubi

Sundew



Bogtastic CARDS	Bogtastic factor	10
	Camouflage	7
	Speed	3
	Predator	7
	Size	2

Plant: 
Drosera

**Bogtastic
CARDS**

**Bogtastic
CARDS**

**Bogtastic
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**Bogtastic
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**Bogtastic
CARDS**



Black Darter Dragonfly



Bogtastic CARDS	Bogtastic factor	8
	Camouflage	5
	Speed	9
	Predator	10
	Size	3

Insect:
Sympetrum danae 

Mountain Hare



Bogtastic CARDS	Bogtastic factor	9
	Camouflage	8
	Speed	8
	Predator	1
	Size	7

Mammal:
Lepus timidus 

Red Grouse



Bogtastic CARDS	Bogtastic factor	6
	Camouflage	9
	Speed	7
	Predator	1
	Size	7

Bird:
Lagopus lagopus 

Curlew




Bogtastic CARDS	Bogtastic factor	9
	Camouflage	8
	Speed	7
	Predator	8
	Size	9

Bird:
Numenius arquata 

Sphagnum



Bogtastic CARDS	Bogtastic factor	10
	Camouflage	5
	Speed	1
	Predator	1
	Size	2

Moss:
Sphagnum spp. 

Twite



Bogtastic CARDS	Bogtastic factor	7
	Camouflage	8
	Speed	7
	Predator	1
	Size	4

Bird:
Carduelis flavirostris 

Short Eared Owl




Bogtastic CARDS	Bogtastic factor	8
	Camouflage	10
	Speed	9
	Predator	9
	Size	9

Bird:
Asio flammeus 

Bilberry



Bogtastic CARDS	Bogtastic factor	5
	Camouflage	1
	Speed	1
	Predator	1
	Size	6

Plant:
Vaccinium myrtillus 

**Bogtastic
CARDS**

**Bogtastic
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**Bogtastic
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**Bogtastic
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**Bogtastic
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**Bogtastic
CARDS**



Common Lizard



Bogtastic FACT FILE

Scientific name : *Zootoca vivipara*

Category : Reptile

About : Our most widespread reptile. In spring they bask in the open to absorb the sun's heat. They hibernate from October-April.

Eats : Small insects

Eaten by : Stoats, weasels and birds of prey

Fantastic fact : If grabbed by a predator, the lizard can shed its tail and run away and leave its wriggling tail behind.

Tiger Beetle



Bogtastic FACT FILE

Scientific name : *Cicindela campestris*

Category : Insect

About : Ferocious adults hunt in sunny, sandy spots on paths from April to September. Their larva (young) live in burrows and ambush prey that wanders too near!

Eats : Spiders, caterpillars and ants

Eaten by : Dragonflies, lizards, wading birds

Fantastic fact : UK's fastest running insect at 0.5m a second, the human equivalent of 50 metres a second.

Golden Plover



Bogtastic FACT FILE

Scientific name : *Pluvialis apricaria*

Category : Bird

About : Golden plovers migrate to spend the winter at the coasts and estuaries. They return to the moors in spring.

Eats : Small insects and worms

Eaten by : Birds of prey

Fantastic fact : Golden plovers can fly at speeds of up to 60mph.

Bilberry Bumblebee



Bogtastic FACT FILE

Scientific name : *Bombus monticola*

Category : Insect

About : Has bright yellow bands on the thorax and red hairs on the abdomen.

Eats : Gathers pollen from clover, bilberry and heather

Eaten by : Birds, mice and lizards

Fantastic fact : Bilberry bumblebees nest on or in the ground, often using old animal burrows.

Common Cotton Grass



Bogtastic FACT FILE

Scientific name : *Eriophorum angustifolium*

Category : Plant

About : Looks like tufts of cotton wool swaying in the breeze. Grows in blanket bog areas, where it flowers from April-June.

Eats : Uses soil, water and sunlight to grow

Eaten by : Mountain hares

Fantastic fact : In the past, the flowers were used for stuffing pillows, wound dressings and baby nappies.

Common Heather



Bogtastic FACT FILE

Scientific name : *Calluna vulgaris*

Category : Plant

About : Heather is a bushy, evergreen shrub with twiggly stems and tiny needle-shaped leaves.

Eats : Uses soil, water and sunlight to grow

Eaten by : Mountain hares and red grouse

Fantastic fact : Local people used to use heather to make a type of broom called a 'besom' to sweep their cottage floors.

Green Hairstreak



Bogtastic FACT FILE

Scientific name : *Callophrys rubi*

Category : Insect

About : Small, iridescent adults can be spotted March to June where they breed and lay eggs on moorland plants. Caterpillars pupate in undergrowth and emerge as butterflies in spring.

Eats : Caterpillars eat bilberry and gorse

Eaten by : Birds

Fantastic fact : Green Hairstreak pupae can actually make an audible squeaking noise.

Sundew



Bogtastic FACT FILE

Scientific name : *Drosera*

Category : Plant

About : Carnivorous plants which live in wet habitats, where the acidic soil conditions limits the amount of nutrients it can get, so they supplement their diet by trapping insects with their sticky leaves.

Eats : Insects

Eaten by : Caterpillars

Fantastic fact : Sundews are found on every continent except Antarctica.

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Black Darter Dragonfly



Bogtastic FACT FILE

Scientific name : *Sympetrum danae*

Category : Insect

About : The male is black with yellow spots on the sides, the females and young are brownish yellow. This bog loving dragonfly can be seen from April to September.

Eats : Small flying insects

Eaten by : Birds

Fantastic fact :

This is the smallest British dragonfly.

Mountain Hare



Bogtastic FACT FILE

Scientific name : *Lepus timidus*

Category : Mammal

About : Native to the Scottish Highlands, but introduced to the Peak District in the 19th Century. Prefers areas of mixed heather and cotton grass moorland.

Eats : Heather, gorse and grasses

Eaten by : Birds of prey

Fantastic fact : Its coat turns from brown to white in the winter, to camouflage with the snow.

Red Grouse



Bogtastic FACT FILE

Scientific name : *Lagopus lagopus*

Category : Bird

About : A plump bird a little smaller than a chicken. Can be spotted on moorland as it flies out of the heather with rapid, whirring wingbeats.

Eats : Heather and small insects

Eaten by : Birds of prey

Fantastic fact : No other bird in the world depends so heavily on heather for shelter, food and breeding habitat.

Curlew



Bogtastic FACT FILE

Scientific name : *Numenius arquata*

Category : Bird

About : A tall wading bird with long legs and a long, downward-curving beak. They feed by probing their beak into damp soil.

Eats : Spiders, crustaceans and worms

Eaten by : Stoats, weasels and foxes

Fantastic fact :

The curlew is named after its sad, loud "cur-lee" call which can be heard in springtime.

Sphagnum



Bogtastic FACT FILE

Scientific name : *Sphagnum spp.*

Category : Moss

About : Sphagnum mosses play a vital role in the creation of peat bogs; they hold water like a sponge, provide essential nutrients to the soil and help to prevent to decay of dead plant material.

Eats : Uses soil, water and sunlight to grow

Eaten by : No predators

Fantastic fact :

Peat is largely made up of sphagnum, which has partly rotted down over hundreds of years.

Twite



Bogtastic FACT FILE

Scientific name : *Carduelis flavirostris*

Category : Bird

About : A small sociable bird which nests under rocky crags or in patches of bracken, heather and bilberry on the moors. They migrate to coastal areas in winter.

Eats : Seeds

Eaten by : Stoats, weasels and birds of prey

Fantastic fact : Twites sometimes gather in flocks with other finches. A flock of finches can be called a 'charm' or a 'trembling'.

Short Eared Owl



Bogtastic FACT FILE

Scientific name : *Asio flammeus*

Category : Bird

About : Mainly hunts in the daytime, flying low over moorland and grassland.

Eats : Small birds, mice and voles

Eaten by : Foxes

Fantastic fact : Some short eared owls migrate here from Europe in the winter, and can sometimes be seen flying over the sea.

Bilberry



Bogtastic FACT FILE

Scientific name : *Vaccinium myrtillus*

Category : Plant

About : A small bush which has tiny pink flowers in spring, followed by small blue berries in summer.

Eats : Uses soil, water and sunlight to grow

Eaten by : Caterpillars, mountain hares

Fantastic fact : Bilberry has lots of local names across the UK, including blaeberry, whortleberry, wimberrry, whinberry and urts.

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