

## Bogtastic TRUMP 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 TRUMP 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 Trump 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!..

Head to the virtual Bogtastic van to learn more about our precious bogs.



*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](http://www.moorsforthefuture.org.uk)

## Bogtastic TRUMP CARDS

## Bogtastic FACT FILE

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MOORS  
FOR THE FUTURE  
PARTNERSHIP



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## Bogtastic ACTIVITIES

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**Common  
Lizard**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	6
	Camouflage	9
	Speed	10
	Predator	7
	Size	4
Reptile:  <i>Zootoca vivipara</i>		




**Tiger Beetle**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	6
	Camouflage	6
	Speed	8
	Predator	7
	Size	1
Insect:  <i>Cicindela campestris</i>		




**Golden Plover**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	9
	Camouflage	8
	Speed	10
	Predator	4
	Size	5
Bird:  <i>Pluvialis apricaria</i>		




**Bilberry  
Bumblebee**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	8
	Camouflage	3
	Speed	6
	Predator	1
	Size	1
Insect:  <i>Bombus monticola</i>		




**Common  
Cotton Grass**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	9
	Camouflage	1
	Speed	1
	Predator	1
	Size	7
Plant:  <i>Eriophorum angustifolium</i>		




**Common  
Heather**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	5
	Camouflage	1
	Speed	1
	Predator	1
	Size	8
Plant:  <i>Calluna vulgaris</i>		




**Green  
Hairstreak**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	6
	Camouflage	8
	Speed	6
	Predator	1
	Size	1
Insect:  <i>Callophrys rubi</i>		



**Sundew**

<b>Bogtastic TRUMP CARDS</b>	Bogtastic factor	10
	Camouflage	7
	Speed	3
	Predator	7
	Size	2
Plant:  <i>Drosera</i>		



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## Black Darter Dragonfly



### Bogtastic TRUMP CARDS

Insect:  
*Sympetrum danae*



Bogtastic factor	8
Camouflage	5
Speed	9
Predator	10
Size	3

## Mountain Hare



### Bogtastic TRUMP CARDS

Mammal:  
*Lepus timidus*



Bogtastic factor	9
Camouflage	8
Speed	8
Predator	1
Size	7

## Red Grouse



### Bogtastic TRUMP CARDS

Bird:  
*Lagopus lagopus*



Bogtastic factor	6
Camouflage	9
Speed	7
Predator	1
Size	7

## Curlew



### Bogtastic TRUMP CARDS

Bird:  
*Numenius arquata*



Bogtastic factor	9
Camouflage	8
Speed	7
Predator	8
Size	9

## Sphagnum



### Bogtastic TRUMP CARDS

Moss:  
*Sphagnum spp.*



Bogtastic factor	10
Camouflage	5
Speed	1
Predator	1
Size	2

## Twite



### Bogtastic TRUMP CARDS

Bird:  
*Carduelis flavirostris*



Bogtastic factor	7
Camouflage	8
Speed	7
Predator	1
Size	4

## Short Eared Owl



### Bogtastic TRUMP CARDS

Bird:  
*Asio flammeus*



Bogtastic factor	8
Camouflage	10
Speed	9
Predator	9
Size	9

## Bilberry



### Bogtastic TRUMP CARDS

Plant :  
*Vaccinium myrtillus*



Bogtastic factor	5
Camouflage	1
Speed	1
Predator	1
Size	6



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## 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, wimberry, winberry and urts.



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