

## **Top Trumps**

Top Trumps is brought to you as a partnership project for British Science week from the Carbon Landscape Partnership, Leonard Cheshire Disability "Can Do Volunteering" Project and the Hamlet with funding from Heritage Lottery Fund and the Granada Foundation. All organisations are not-for-profit and these Top Trumps have been produced for educational purposes only.



The Granada

Foundation www.carbonlandscape.org.uk





### Rules

All the cards are dealt as equally as possible to the players and the players hold their cards in a face up stack so that they can see their first card only and the other players cannot see their card.

The starting player - normally the player to the left of the dealer - chooses one attribute - for example length. Everyone then reads out the value of that attribute on their first card and whoever has the highest or best value wins all the first cards, collects them and places them at the bottom of their stack.

Whoever won the cards then chooses any attribute to read from their next card, and again whoever has the best value of this attribute on their top card wins the cards and has the next turn. This continues for as many turns as necessary, and players drop out of the game as they run out of cards. Whoever eventually manages to collect all the cards wins the game.

Ties—With some packs it is possible to have a tie for best value of an attribute. If this happens, all players place their top card in the middle of the table and the turn remains with same the player who chose that attribute. The next player who wins cards also collects the pile of cards from the middle of the table.





### Water vole

Cuteness7Rarity10Ferocity4Speed5Skill5

### **Favourite Habitat**

. Riverine

### **Carbon Story**

. Canals and rivers

Flaps of skin cover ears to keep out the water when swimming

Photo credit

**Dave Hunter** 



## Hedgehog

Cuteness 7

Rarity 5

Ferocity 5

Speed 5

Skill 5

### **Favourite Habitat**

. Fenscape

### **Carbon Story**

Post coal mining

Baby spines drop off to be replaced by adult quills.

Photo credit Gillian Day



## Roe Deer

### Favourite Habitat

Fenscape

### **Carbon Story**

Post coal mining

Male = stag or buck Female = doe

Young = fawn

Rarity 4
Ferocity 1

8

**Cuteness** 

Speed 7

Skill 4

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Photo credit

Mark Hamblin



## Fox

Cuteness 6
Rarity 2
Ferocity 9
Speed 6
Skill 7

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### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post coal mining

Like cats, tail used for balance

Photo credit

Danny Green



### **Brown Hare**

**Favourite Habitat** 

Fenscape

**Carbon Story** 

Post coal mining

Cuteness 5
Rarity 6
Ferocity 4
Speed 10
Skill 6

Speed up to 35 miles per hour

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Photo credit Richard Steel



## Rabbit

Cuteness 7

Rarity 1

Ferocity 1

Speed 8

Skill 5

### **Favourite Habitat**

. Fenscape

### **Carbon Story**

Post coal mining

Warren = group living together in a burrow

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Photo credit Guy Edwards



### Weasel

Cuteness 4

Rarity 7

Ferocity 7

Speed 7

Skill 7

### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post coal mining

Body shape adapted to going down burrows after prey

Photo credit

**Elliot Smith** 



## **Brown rat**

## Favourite Habitat

Riverine

### **Carbon Story**

Canals and rivers

Cuteness 1
Rarity 1
Ferocity 4
Speed 5
Skill 5

Often lives close to humans for scraps of food.

Photo credit Gillian Day



## Woodmouse

### **Favourite Habitat**

. Fenscape

### **Carbon Story**

Post coal mining

Cuteness7Rarity2Ferocity2Speed5Skill7

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Intelligent as it likes to assess situations.

Photo credit

Margaret Holland



## **Bank vole**

Cuteness 7
Rarity 3
Ferocity 2
Speed 4
Skill 4

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### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post coal mining

Omnivore that likes to eat plants and insects.

Photo credit

Wildstock via Wildlife Trust s



### Adder

Cuteness 5
Rarity 9
Ferocity 2
Speed 6
Skill 4

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**Favourite Habitat** 

Mosslands

**Carbon Story** 

Peat extraction

Very shy and not aggressive towards people.

Photo credit

John Hawkins



## **Great**Crested newt

Cuteness 5
Rarity 8
Ferocity 2
Speed 2
Skill 3

### **Favourite Habitat**

. Claypits

### **Carbon Story**

 Manchester Ship canal

Rarest and largest of Britain's three newts



# Black darter dragonfly

**Favourite Habitat** 

Mosslands

**Carbon Story** 

Peat extraction

Cuteness 3
Rarity 6
Ferocity 4
Speed 8
Skill 7

Smallest of the UK dragonflies that loves peat bogs.

Photo credit

Vicky Nall



## Large heath butterfly

**Favourite Habitat** 

Mosslands

**Carbon Story** 

Peat extraction

Cuteness 9
Rarity 10
Ferocity 1
Speed 6
Skill 5

Locally extinct and hoping to be reintroduced.

Photo credit Wildstock



## Bog bush cricket

Cuteness 2

Rarity 6

Ferocity 4

Speed 4

Skill 3

### **Favourite Habitat**

. Peatlands

### **Carbon Story**

Mosslands

Plants are being reintroduced to provide their habitat for breeding

Photo credit

Andy Hankinson



## **Emperor Moth**

Cuteness5Rarity7Ferocity4Speed5Skill5

### **Favourite Habitat**

Mosslands

### **Carbon Story**

Peat Extraction

Four eyespots (two are hidden in photo)

www.carbonlandscape.org.uk

Photo credit

Malcolm Storey



# Sibianor larae spider

#### **Favourite Habitat**

. Mosslands

### **Carbon Story**

Peat extraction

Cuteness2Rarity10Ferocity3Speed7Skill6

Rare jumping spider only recorded in 2018

Photo credit

Richard Burkmar



## Palmate Newt

Cuteness4Rarity5Ferocity2Speed4Skill3

**Favourite Habitat** 

. Wetlands

**Carbon Story** 

Post industrial

Look similar to smooth newts but this amphibian is rarer.

Photo credit

Philip Precey



## Common toad

Cuteness 5
Rarity 3
Ferocity 3
Speed 3
Skill 2

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### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post coal mining

Warty with shorter legs than frogs. They prefer to walk than hop.

Photo credit

John Hawkins



# Common frog

Cuteness 5
Rarity 1
Ferocity 1
Speed 4
Skill 2

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### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post coal mining

Don't need to drink as they absorb water through their skin.

Photo credit

Dale Sutton



## Willow tit

### **Favourite Habitat**

Wet woodland

### **Carbon Story**

Post coal mining

6
10
7
7
6

Internationally rare but the Carbon Landscape is a stronghold.

Photo credit

Mark Champion



# Black necked grebe

**Favourite Habitat** 

Wetlands

**Carbon Story** 

Mersey Corridor

Cuteness	5
Rarity	10
Ferocity	3
Speed	3
Skill	6

Migrates from South Africa and breeds at Woolston Eyes.

www.carbonlandscape.org.uk

Photo credit

**Andy Hankinson** 



## **Bittern**

Cuteness 7
Rarity 9

Ferocity 7

Speed 6

Skill 8

### **Favourite Habitat**

Reedbed

### **Carbon Story**

Post coal mining

Secretive heron that has good camouflage in the reeds.

www.carbonlandscape.org.uk

Photo credit

**David Tippling** 







## **Kestrel**

Cuteness 7
Rarity 2
Ferocity 8
Speed 9
Skill 10

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#### **Favourite Habitat**

. Fenscape

### **Carbon Story**

Post industrial

Britain's most common bird of prey.

Photo credit

Andy Hankinson



# Common Snipe

**Cuteness 3** 

Rarity 5

Ferocity 3

Speed 7

Skill

### **Favourite Habitat**

Scrapes

### **Carbon Story**

Post industrial

Males make a drumming sound during courtship displays.

Photo credit

Andy Rouse



## Kingfisher

#### **Favourite Habitat**

. Riverine

### **Carbon Story**

Canals and rivers

Cuteness	10
Rarity	3
Ferocity	4
Speed	10
Skill	8

Experts at catching fish. Live in burrows on river banks.

Photo credit

Malcolm Brown



## Lapwing

### **Favourite Habitat**

Fenscape

### **Carbon Story**

Post industrial

Cuteness 4
Rarity 5
Ferocity 2
Speed 8
Skill 4

Ground nesting bird that makes a "peewit" noise during courtship

Photo credit

Mark Hamblin



# Pink footed goose

Cuteness 7
Rarity 5
Ferocity 2
Speed 6
Skill 5

**Favourite Habitat** 

. Wetlands

**Carbon Story** 

Post industrial

Migratory goose from Iceland and Greenland.

www.carbonlandscape.org.uk

Photo credit

**David Tipling** 



### Buzzard

Cuteness7Rarity2Ferocity7Speed8Skill6

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#### **Favourite Habitat**

. Fenscape

### **Carbon Story**

Post industrial

Not really that into hunting preferring road kill and earthworms.

Photo credit

**Andy Hankinson** 



## Water rail

### **Favourite Habitat**

. Wetlands

### **Carbon Story**

Post industrial

Cuteness 8
Rarity 8
Ferocity 4
Speed 5
Skill 5

Secretive wader that squeals like a pig.

Photo credit

Margaret Holland