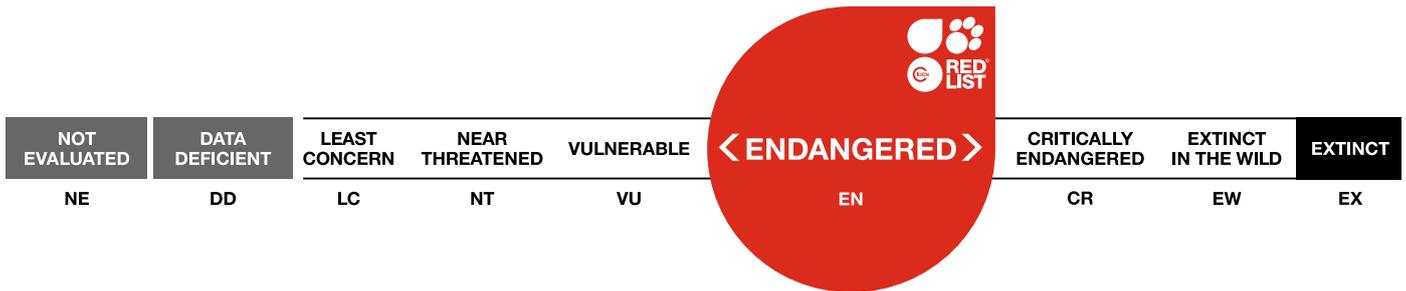


KS3 & KS4 Lesson Plan: Biodiversity and Conservation

Discover how we classify animals on a scale from least concern to extinct and conduct your own research on an animal facing threats in the wild. Start by reading some background information...

To classify animals, we use the IUCN Red List indicator:



A species classified as Vulnerable (VU) is likely to become endangered unless the circumstances threatening its survival improve.



A species classified as Endangered (EN) is at risk of becoming extinct because it is few in numbers or threatened by something such as changing environment.

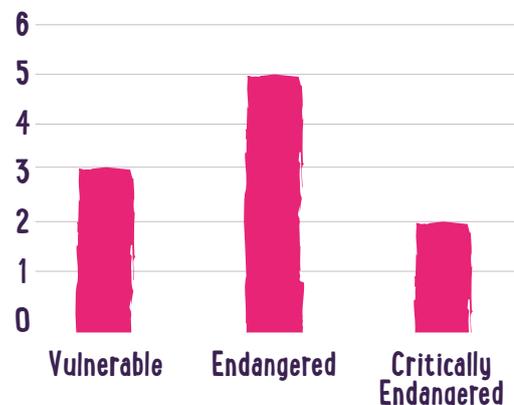


A species classified as Critically Endangered (CR) is at extremely high risk of becoming extinct as a result of threats to their population.

A good way to visualize how many animals of each category we have is by putting the numbers into a bar chart.

First, tally up how many species fall into each category, then draw out a bar chart using a ruler and a pencil.

It should look something like this!



KS3 & KS4 Lesson Plan: Biodiversity and Conservation

Here is some extra information about a few of our animals and things we can look out for to help them out.

AMUR LEOPARD

This leopard is the worlds rarest big cat, with less than 70 left in the wild! This is due to habitat destruction, and humans hunting their prey.

Twycross Zoo is helping this species by being part of the Wildlife Vets International charity who are working in the Russian Far East to establish a reintroduction programme.



BONOBO

Bonobos are our closest living relatives and through financial aid, Twycross Zoo has helped with the daily running of Lola ya Bonobo, the only Bonobo sanctuary in the world, since 2007!

This sanctuary cares for bonobos as well as teaching locals about the bonobo and the impact of threats such as capture for the pet and bush meat trade.



HUMBOLDT PENGUIN

Our Humboldt penguins are part of a European Endangered species programme (EEP). This means we collaborate with zoos across Europe to manage the breeding and care of endangered species.

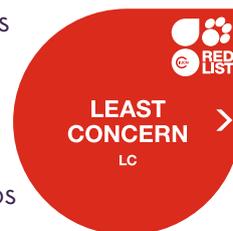
Our Zoo has been successful at breeding our penguins and we usually have chicks every year They are more silvery in colour and do not have a defined band across their forehead or chest.



HUMANS

There are 7.7 billion people on the Earth. Due to this and the resources we use we are causing many of the threats that these animals face. We can help by living more sustainably where we can!

There are lots of simple ways that you can do this that will make a big difference to our environment. Just look out for the following logos when you are out shopping.



tz

Twycross Zoo
IN THE HEART OF CONSERVATION



Biodiversity and Conservation

Use our website to find species that have the status' below, and write them down. You can then take this data and create a bar chart.



How can we help? All of these items can be used as an alternative to single use items that can cause harm to and pollute the planet. Switching to these items makes a huge difference to wildlife!

Can you think of what items they replace and how that helps the environment?



Bag for Life

What is it replacing?

How will this help?



Reusable Water Bottle

What is it replacing?

How will this help?



Metal Straw

What is it replacing?

How will this help?



Rechargeable Batteries

What is it replacing?

How will this help?



At Twycross zoo, we house over 500 animals from approximately 130 species. Many face different threats depending on where they come from. Choose an animal to explore what is threatening them and how we can help.

Animal:

What threats are these animal facing in the wild?

What can be done to help this animal?

What can I do to help this animal?

There are now 7.7 billion people on the Earth, due to this and the resources we use we are causing all of the threats that these animals face. Looking out for the following logos when you are out shopping could make a huge difference.



This logo means that palm oil used is from a sustainable source.



Look out for this on fish to check it is sustainable!



Look out for this on paper like toilet roll to buy sustainably!



You can use this logo to check if your product has been recycled.

Which of these logos would best help your chosen animal?

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