

## HOWSLOTH AREYOU?

Circle your choices and add up your score!

WANT TO HANG OUT?



## Fast & Fun

You're quite the life and soul – always on the go and living life at top speed!
You're the one to lead the way and show everyone how to do things. It's not quite the laidback way of doing things, so you'll have to try to relax once in a while if you want to unleash your inner sloth!

## In Training 12-18

You have the best of both worlds. Speedy when you need to be, but no stranger to kicking back and watching any drama from a safe and chilled-out distance! You're not at the stage of fully-fledged sloth, but you're giving it your best go – some extra naps and some lazy days could take you all the way!

### Super-Sloth!

19-25

You've got this sloth life down to a T, and there's nothing you don't know about how to slow down and take things easy.
You're a snooze-loving, fruit-munching, cool customer and we should all take a leaf out of your book and learn how to chill!





#### **Hello animal lovers!**

Welcome to another action-packed issue of Animal Planet magazine! It's Christmas! Well, not really. But it feels like it for us, because on October 4 it's World Animal Day! Come and celebrate animals with us on page 15.

Have you ever wondered what the difference between a turtle and a

tortoise is? Flip to page 10 to find out.

Dive into page 11 to see the incredible underwater world of shipwrecks and meet the creatures who call them home. before taking a dive to incredible shipwrecks and meeting the creatures who call them home.

Don't forget to join The Dolittles on page 30. This month, they come face to face with gorillas — yikes!

#### Happy exploring!

Meghan McCormack, Editor







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Cockroaches have three brains.



apqomen. in their skull and one in their False - they have two! One

**B.** FALSE.

A:SAER: A

PLUS!

**NEWS** 

**REVIEWS POSTERS** 

**PUZZLES** 

**COMIC STRIPS** <

CRAFTS

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## YOU WON'T BEE-LIEVE THIS!

It seems incredible, but in California, bees are considered to be fish! Yes, you read that correctly – our fuzzy friends are given more protection by the state if they're classified as fish and not general invertebrates. In a quirk of language, invertebrates – organisms that don't possess a spine – don't receive the protection of the California Endangered Species Act, because

the term only covered mammals, reptiles, fish, amphibians, or plants. Not great news for our busy buzzers, which are vital pollinators. However, a California court recently ruled that the classification 'fish' would include invertebrates and just like that, the bumble bees, which are already facing serious decline, were protected.



## BIRD MACATION

Scientists were baffled recently when a wandering oystercatcher swapped the peace and tranquility of Orkney, for the bustle and smog of London. A satellite tag on the bird first tracked it from Ireland to Orkney, but the GPS device fell off on the island of Sanday.

It continued to transmit a signal when it started to move again, and began pinging locations from a campsite, a pizza restaurant and then a residential street in Ealing, London! Talk about touring! It's thought the device was picked up by a tourist on Sanday, who then returned home to London. The device itself is worth about £1000, so a reward of £100 has been offered for its return. So while it's unlikely an oystercatcher has ordered a stuffed crust in a pizza diner in London, it just goes to show the power of GPS tracking for our migratory seabirds.





### FANCY SOME SPACE FOOD?

Humans are always dreaming of life in space, on another planet, and we've already tried growing plants – but what if we could 'grow' our own meat?

Meat grown from cells isn't a new concept, but Israeli company

Aleph Farms is the first to try it in space. Their aim is to keep it sterile and to work out how to transport it up there whilst keeping costs down.

You never know – maybe there will be a Fly-Thru burger joint for astronauts one day!

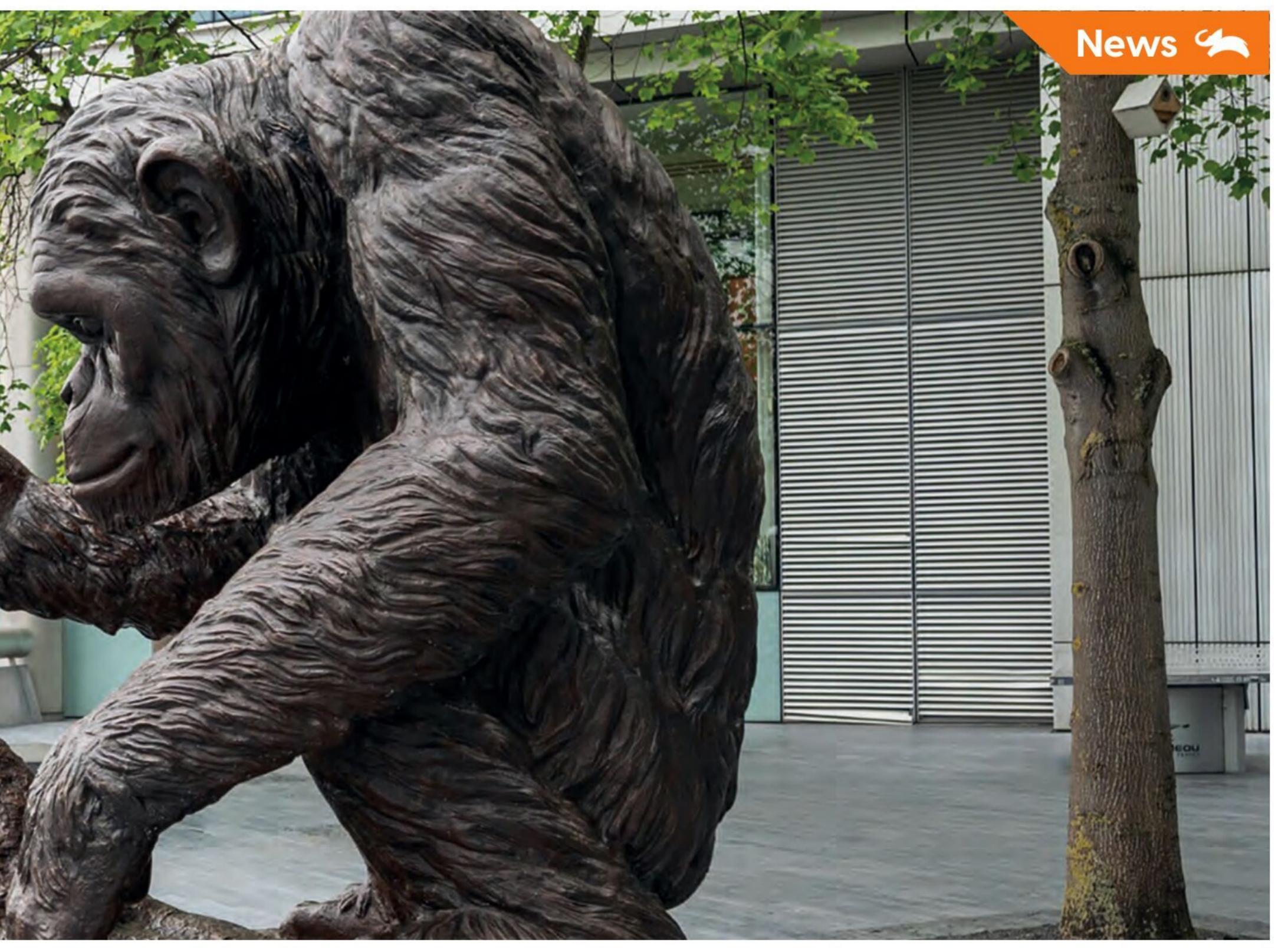
### CAR CONUNDRUMS

Can cars ever be environmentally friendly? Scientists aren't convinced. In fact, they've declared that far from being climate friendly, electric vehicles are only a little less climate unfriendly than petrol and diesel cars! By the time we take into account the electricity used to charge them, the mining needed for battery components and pollution after battery disposal, they're not quite the pal of the planet we think! The solution? For now, we're being encouraged more and more to get on our bikes...









## WHAT'S THE DEAL?

Did you know your favourite meal deal may be massively harmful to our planet? Believe it or not, there are some worrying statistics behind your sandwich, drink and crisps combo! Recent research has revealed that the carbon footprint of these tasty packed lunches is far worse than we

ever thought. Coming in as the biggest villain was the prawn mayo sandwich, with emissions matching those of a lightbulb that's on constantly for 343 hours! Not far behind was the humble ham and cheese – this equalled a lightbulb burning for 200 hours. Time to rethink lunch?

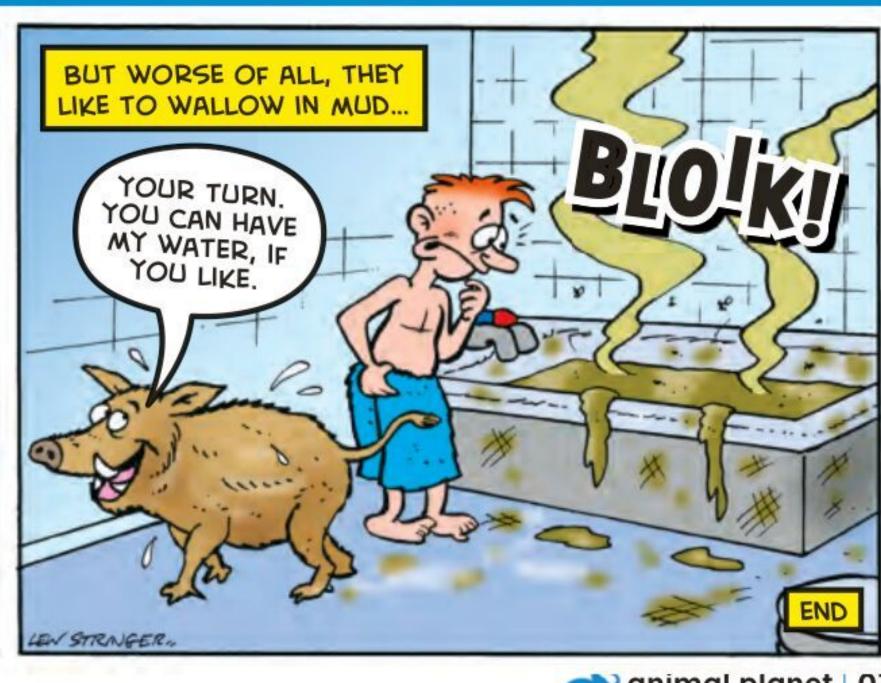


WORDS: Nigel Auchterlounie ART: Lew Stringer

#### **BAD PETS**











ARE YOU TURTLEY CONFUSED? HERE'S OUR CHEAT SHEET TO TELL THEM APART!

### TURTLE

- Aquatic, spending most of their time in the water.
- They're like Olympic swimmers. Leatherback turtles can hit speeds of 22 miles per hour.
- Flipper-like feet with long claws to grab floating logs or climb riverbanks.
- Heart-shaped top shell.
- Live 20-40 years.

swim faster.

### TORTOISE

- Live on land. They only go to water to drink or bathe.
  - Can't swim. They'd drown if they fell into water
    - higher than them.
    - stumpy, bent legs with horny, scaly toes that look like elephant feet.
    - Egg-shaped top shell.
    - Their shell is domed and very thick to protect them from predators.
    - Never shed, their shell is constantly growing which is what gives it that layered look compared to a turtle.
    - Can completely hide their head inside the shell.
    - Herbivores only eats plants, fruits and veggies.
    - Live 60-80 years.
    - environments such as deserts, grasslands, scrublands and forests in

Asia or Africa.

#### DID YOU KNOW?

- A tortoise is actually a type of turtle that lives on land!

  A tortoise is actually a type of turtle that lives on land!
- Shed the layers on their shell to stay light so they don't sink. They sunbathe to flake them off or scrape them away using trees and rocks.
- Can only partially withdraw its head inside its shell.
- Omnivores eating plants, fish, worms and jellyfish.
- Prefer the tropical climates of Africa and America in

lakes, rivers,

ponds, swamps, marshes and even the open sea.

twork by Laur

## SHPWRECK CITY

Meet the underwater inhabitants who seek shelter in the shadows of a shipwreck!



O They may look ferocious, but tiger sharks rarely attack humans, except in self-defence. As the name suggests, sand tiger sharks like to swim close to the sandy floor of the ocean, searching the shallows for a bite to eat. They often gather in groups at shipwrecks and females will return to the same wreck again and again.

### GOLIATH GROUPER

Goliath groupers are underwater giants who like to stay close to craggy caves and shipwrecks. Despite their intimidating size, they're actually pretty relaxed. The largest groupers can grow up to 2.4 metres long – that's taller than a grown adult! The goliath grouper may look big enough to swallow a human whole, but they prefer to feast on large fish and even small sharks.

### BARRACUDA

These torpedo-shaped predators are super-speedy, darting through the warm shallow water with ease.

Barracuda are attracted to shiny reflective

things, so silvery flitting fish are top of



FRIENDS,
NOT FOOD!

the menu! Barracuda can often be found lurking at shipwrecks as they wait to strike an unsuspecting school of fish.

### CONGER EEL

O The biggest conger eels live out in deeper water and love to hide in the shadowy darkness of a shipwreck. Their strong jaws, filled with rows of razor-sharp teeth, and agile, snake-like bodies make them top predators. Conger eels are practically blind, so they rely on scent to hunt their prey.



## ANIMALS BEHAV

### THE WORLD'S FUNNIEST ANIMAL









S CAUGHT ON CAMERA!



When your friend

tells you some

gossip and you

have to pretend

you had NO idea...

Even though you've known for weeks!



I CAN'T

BELIEVE THEY

JUST DID

THAT,





# GANGES ALSE? A YOU'RE HAVING TOU'RE HAVING T



Giraffes are the tallest living land mammals in the world.



They can be found roaming the jungles of South America.



A giraffe's diet is made up of plants, insects and fish.



OR FALSE





Giraffe's tongues are red



A group of giraffes is known as a tower.



6

Male giraffes are called bulls.



Baby giraffes take weeks to walk.





A giraffe's patterned coat is as unique as our fingerprints.



OR FALSE





An adult male can be three times as tall as a human.



Giraffes need to drink water every day.



BILLE SE SE

ANSWERS: 1. True. 2. False – they live in the savanna of Africa. 3. False – they only eat plants. 4. False - they can be black, blue, or even purple in colour! 5. True. 6. True. 7. False - baby giraffes stand within 30 minutes. 8. True. 9. True. 10. False – they only need to drink once every few days.



We think animals are always amazing, but every year on World Animal Day, humans across the globe celebrate a little extra! Let's join in this paw-some party!



Okay – so we don't have time to celebrate them all, but we can tell you all about some special species that humans around the globe are working hard to protect!

- ANIMAL ART!
- PAW-SOME PETS!
- FIND YOUR HAPPY HABITAT!



### WHAT IS CONSERVATION? Conservation means to protect and care for something, to ensure their survival!

FACTS TO MAKE YOU FEEL GOOD!





**OCATION:** MOUNTAIN FORESTS OF ASIA

In June, a Siberian tiger at the Hengdaohezi Feline Breeding Center in China gave birth to quadruplets! That's FOURsome news for this endangered species!

HONEY I



Siberian tigers are the largest cats in the world, and the only tiger that can survive in the snow!

#### SEA TURTLE



**LOCATION: OCEANS ACROSS THE WORLD** 

 A nest containing 107 of the most at risk sea-turtle species in the world was recently discovered in Texas! Scientists are now looking after the rare Kemp's Ridley turtles, massively improving their chances of survival.

#### **BURROWING PARROT**



**LOCATION: OPEN TERRAINS OF SOUTH AMERICA** 

 Just 35 years ago, these incredible creatures were on the brink of extinction. An intense conservation programme in Chile has been a huge success, seeing numbers rising from 217 in the 1980s to over 4000 today.

DID YOU KNOW?

These parrots live in huge groups and - as their name suggests - nest in burrows!

#### PHAYRE'S LEAF MONKEY

LOCATION: FORESTS OF SOUTHEAST ASIA



 No, this monkey isn't wearing glasses! The Phayre's leaf monkey is one of China's most endangered wild animals, but after strong conservation efforts, the populations of this rare creature are steadily increasing, with more being spotted every year!

#### PANGOLIN



**LOCATION: TROPICAL ASIA AND AFRICA** 

Despite their scales, pangolins are actually mammals. Also known as 'scaly anteaters' they are sadly victims of illegal trade in Africa. Amazingly, African giant pouched rats (often nicknamed 'hero rats') are being trained to sniff out illegal pangolin shipments to help bust the illegal wildlife trade.



#### **GOLDEN MANTELLA FROG**

#### **LOCATION: FORESTS OF AFRICA**

These tiny frogs, measuring up to just 3cm, are the second smallest in the world! In Madagascar, a huge community project is underway to protect these sensitive frogs from industry and pollution, with volunteers combing forests to find them before mines are built in their habitat. As of 2017, over 1500 of these frogs have been rescued, proving there's still HOP!

#### WHITE-TAILED EAGLE

**LOCATION: COASTLINES AND WATERWAYS OF EUROPE** 

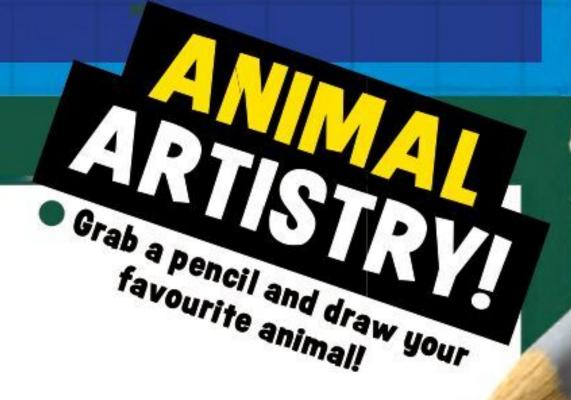


called the 'jewels of Madagascar' because of the beautiful colours of each variety.

**DID YOU** 

Mantella frogs are often

White-tailed eagles became extinct in the UK in the 1800's, but scientists have been working hard to reintroduce them to the country! There are now more than 100 territorial pairs in Scotland alone, and the population is now considered to be self-sustaining!



Tell us a fact about it!

animal planet 17



 All animals should be invited to this party – and that includes our pets at home! Having a pet is hard work, but they make our lives SO much better!

Having a pet can make us happier and reduce stress scientists have proved it!

#### 2. UNCONDITIONAL FRIENDSHIP!

They're always there for a comforting hug! Even if we don't want to talk to other people, our pets are there

## 4. KEEPING ACTIVE!

Dogs need to be walked every day to stay fit and healthy, just like us! Even when we don't want to go out, it's hard to say no to a pair of puppy dog eyes!

to listen.

#### 5. FEELING SECURE!

If we're ever home alone or feeling anxious, a pet can help us feel much safer.

## IMIMICALL AS

Your pets bring in lots of different kinds of dirt and germs... which sounds scary, but is actually a good thing! Being introduced to these germs can raise your immunity to colds and other mild illnesses.

#### 6. UNLIMITED ENTERTAINMENT!

We'll never get bored of watching our pets! Whether we're playing fetch or teaching them tricks, they're a joy to interact with. Even if you don't have one of your own, watching videos or pet-sitting for friends is just as entertaining!

## 7. CONFIDENCE BOOSTING!

Did you know that pets can even give us a confidence boost? Scientists think people who have close relationships with their pets have close relationships with humans too!

#### 8. TEACHING RESPONSIBILITY!

From feeding and watering, walking, washing and playing with our pets, there's a lot to remember – it's a great way to learn more responsibility!

## **BUSTERS!**

Research suggests that if you're exposed to animals early in life, you're less likely to have allergies as adults. It's really important to remember that this isn't the case if someone's allergic to the pets themselves though!

## 10. INSPIRING GREATNESS!

Pets can inspire us in amazing ways! Did you know that Albert Einstein would watch his cat Tiger as he worked through his theories?

## HOW DOES YOUR PET INSPIRE YOU?

If you were an animal, where would you make your home?

1. Your favourite season is	
Autumn	
Summer	
Spring	
Winter	
2. Your ideal holiday destination would have	<b>/</b>
Lots to explore!	
So much sunshine!	
Water sports!	
Lots of quiet time!	
3. You would describe yourself as	be
**************************************	be
3. You would describe yourself as	be
3. You would describe yourself as  Loud	pe
3. You would describe yourself as  Loud  Independent	e S
3. You would describe yourself as  Loud  Independent  Mysterious	
3. You would describe yourself as  Loud Independent Mysterious Brave	
3. You would descripyourself as  Loud Independent Mysterious Brave  4. If you weren't hum you would be a	
3. You would descripyourself as  Loud Independent Mysterious Brave  4. If you weren't hum you would be a Mammal	

5. Pick an active hobby	
Swimming	
Climbing	
Skiing	
Running	
6. What weather a you most comforta with?	re ble
Hot and dry	
Wet and cold	
Warm and humid	
Dry and cold	
7. Pick a drink	
Fruit juice	
Fizzy juice	
Water	
Hot chocolate	
8. What's your favourite film?	
The Jungle Book	
Finding Nemo	
The Lion King	
Happy Feet	

#### **MOSTLY GREEN = RAINFOREST**

The rainforest is your perfect playground. Whether swinging from trees or exploring in the heart of the jungle, you'd never get bored of the adventure!

You're a wild one – your ideal habitat is the desert! You think the desert, and the creatures in it, are totally ROARsome! Just remember your sunblock!

#### MOSTLY BLUE = OCEAN

The mysteries of the deep appeal to your curious nature, making the ocean your perfect home. You'll need to be a strong swimmer to keep up with the ocean life... or escape from sharks!

#### MOSTLY RED = ARCTIC

Bundle up, explorer - you belong in the arctic! You're no stranger to the cold or the quiet, and the ice caps are the perfect place to test your endurance. Brrr!











## EWOLVES

#### VANCOUVER ISLAND WOLF

It's believed that there are around 350 of these wolves living on Vancouver Island – a large landmass located between New Zealand and western North America. Some of these animals are considered to be coastal wolves as a result of their marine diet, which includes seal pups and river otters.



#### **EURASIAN WOLF**

The Eurasian wolf is the most common subspecies of grey wolf. Although they mainly survive on livestock and rubbish left behind by humans, they are also known to hunt in packs, praying on the likes of red deer, moose and wild boar.



#### HIMALAYAN WOLF

Found living in the Himalayas and the Tibetan Plateau, these wolves are perfectly adapted to life in the high-altitude mountains. Very little is known about these animals, but they're believed to be an ancient wolf that evolved before the more common grey wolf that we know today.



## WHY ARE WOLVES SEEN AS NATURE'S VILLAINS?

• In fairy tales, the wolf is often seen as the ultimate baddie – just ask Little Red Riding Hood and The Three Little Pigs!
The idea of wolves as villains may come from the 1800s, when settlers arrived in America. They saw wolves as a threat to humans, as well as their livestock, but wolves very rarely show aggression towards humans, so they definitely don't deserve the reputation of Big Bad Wolf!



Celebrate World Rhino Day On September 22 with these fascinating facts.

#### HOW MANY?

five species of rhinoceros found on our planet. There are two types of African rhino (black and white) and three Asian rhinos – Sumatran, Javan and the greater one-horned rhino, which is also known as the Indian rhino.

### WHAT'S IN A NAME?

five species of rhinoceros found on our planet.
There are two types of African rhino (black and white) and three Asian rhinos –
Sumatran, Javan and the greater one-horned rhino, which is also known as the Indian rhino.

#### RHINO TALK

Not only do they communicate through growls, trumpet calls and sneezes, rhinos also send messages to one another through their poo and wee – their clever placement is used to let others know they're in the area.

#### SMALLEST RHINO

Even though the Sumatran rhino is the world's smallest species of rhino, they can still weigh as much as 600kg!



#### LARGEST RHINO

• In comparison, white rhinos can weigh a whopping 3,500kg!

## WHAT DOES IT MEAN?

The word 'rhinoceros' means 'nose horn' in Ancient Greek.

#### FUN FACT!

A group of rhinos is known as a crash!



A rhino's horn is made out of the same material as our fingernails!
This protein is called keratin and can be found in our hair and nails.

## WHAT'S INSIDE... COWS EAT UP TO 100 POUNDS OF FOOD A DAY! SO HOW DO THEY DIGEST IT ALL?

#### **THE RUMEN**

Cows only have teeth on the bottom of their mouth, so they don't chew their food enough. When they swallow it, it goes into the rumen which is like a chamber filled with good bacteria. It mixes the food with saliva to soften it and turns it into little balls called cuds.

The cud balls move to the reticulum which burps them back up into the mouth so the cow can chew it again gross! Belching happens every 90 seconds. The honeycomb texture of this compartment also filters out any bad stuff the cow shouldn't have eaten like stones or metal.

#### **ABOMASUM**

Now the food goes to the final part of the stomach, the abomasum. This is more like a human stomach where nutrients are absorbed and stomach acid and digestive enzymes break down the food.

After chewing the cud to make it smaller, it is swallowed again and goes into the omasum which absorbs all the water from it.

8

Cows are one of the biggest causes of global warming. Their burps and parps release 100 million tons of methane into the atmosphere every year.

### A-MOO-SING FACTS!

They don't bite when they eat, they curl their tongue around grass to tear clumps out.

Cows produce up to

litres of saliva a day!

They chew for

hours every day!

They drink enough water a day to fill a

## 

## MARVEL

## O IS IT A BIRD? IS IT A PLANE? NO, IT'S THE PYGMY FLYING MOUSE!

Don't let the name fool you –
the pygmy flying mouse
doesn't actually fly! These
tiny creatures have a thin
membrane of skin, known
as a patagium (pa-ta-gee-um),
which stretches from their elbow to
their knee. When it launches from a
tree, this special skin fold stretches
open like a parachute, allowing
the little mammal to to
glide through the air.
It can 'fly' for an
astonishing
28m!

Despite its not a mouse kangaro to mouse is not a like a kangaro to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to a mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a lis native to mouse is not a like a like a lis native to mouse is not a like a like a lis native to mouse is not a like a lis native to mouse is not a like a like a lis native to mouse is not a like a like a lis native to mouse is not a like a lis native to mouse is not a like a lik

O cm These miniscule pilots are just 6.5.

flying mouse is also known as the pygmy feathertail glider. It uses its fringed tail to steer during the glide, just like a rudder on a ship!

## MEASUREUPI

Discover how the pygmy flying mouse measures up to the world's smallest animals.



#### BEE HUMMINGBIRD

The male bee hummingbird is just 5.5 cm long!



#### SPECKLED PADLOPER TORTOISE

This tiny tortoise could fit in your pocket!



#### HARVEST MOUSE

The UK's smallest rodent can weigh as little as a 2p piece!



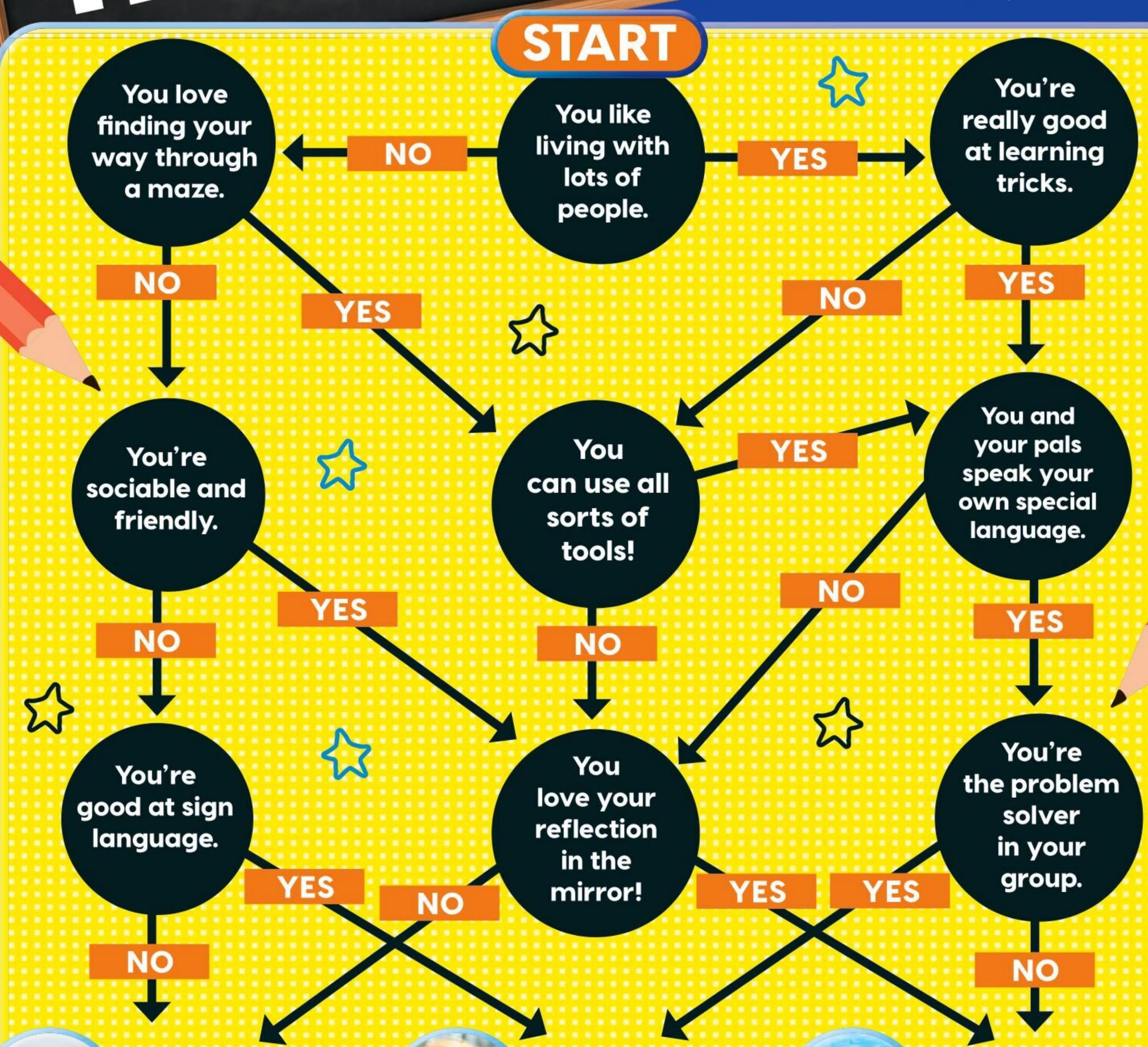






# TOPOF STATES

Follow the arrows to see how you measure up against these clever creatures!



#### **RATS**

Wow! Welcome to the Rat Gang!
You're one smart cookie. You love finding your way through mazes – and remembering the route for the next time!
– and you're good at doing little jobs. You can feel lonely on your own, so keep your chums close.

#### ORANGUTANS

You don't get much smarter than an orangutan!
Not only can they perform tasks, they know why, so they can apply their knowledge to solve other problems like building shelters. They can even use sign language to communicate!

#### **DOLPHINS**

You'd fit in well with a pod of bottlenose dolphins. They're super-smart and can learn tricks easily, recognise themselves in the mirror, and remember mates from 20 years previously! They have their own special language of clicks and noises — so clever!

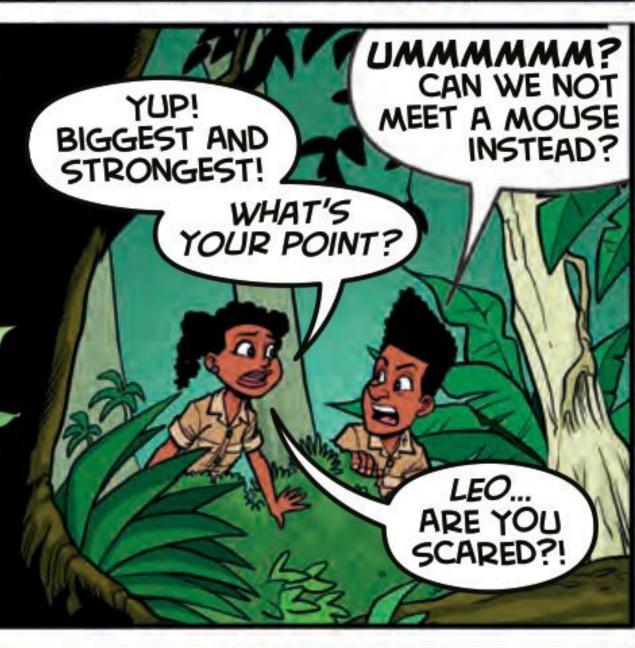
## DOLITILESI

#### THEY TALK TO THE ANIMALS!













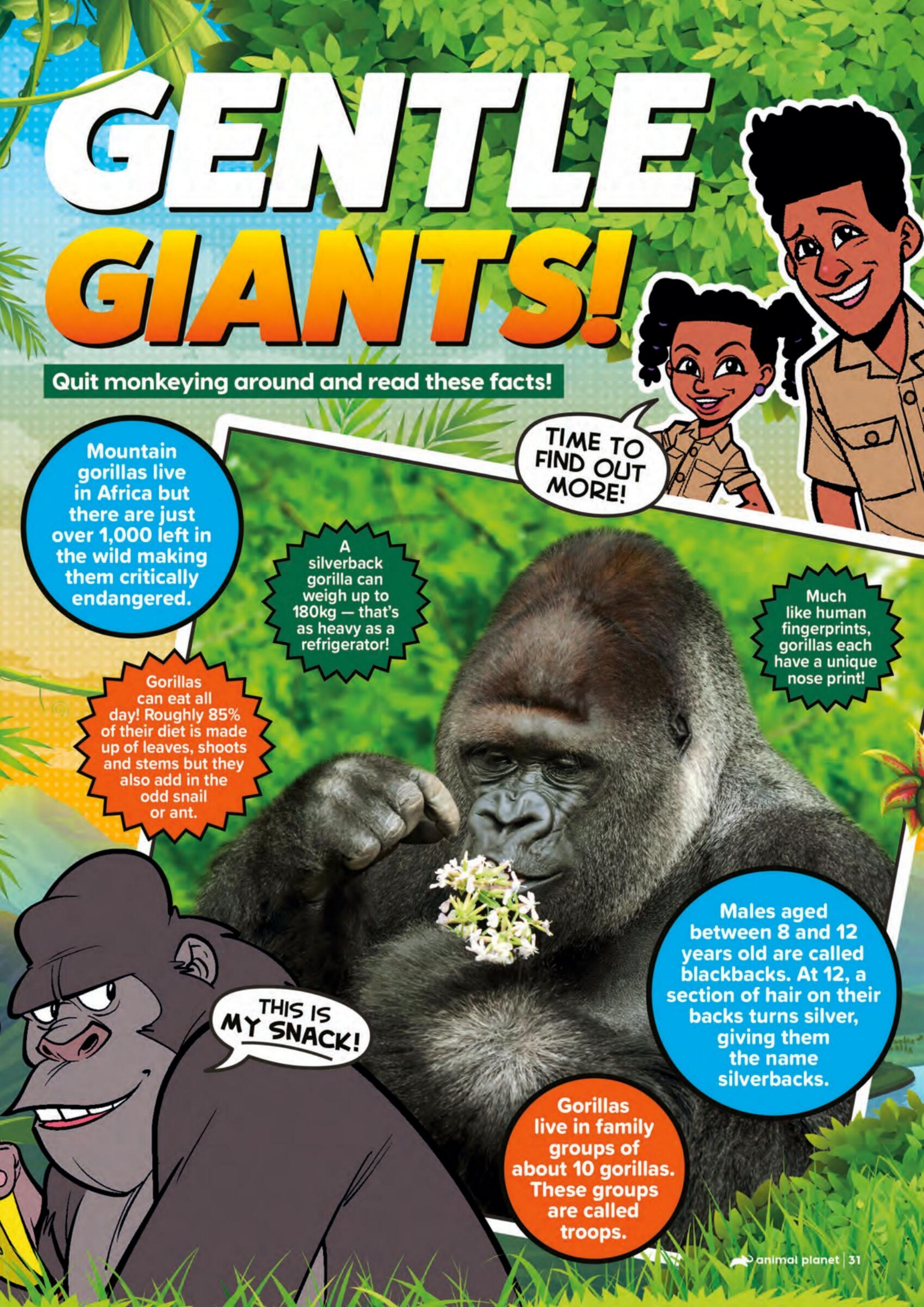












## ASK THE EXP

Be a #PlanetWarrior and ask our experts your burning questions about animals, t

What's your favourite koala fact?

Ffion, 9

**NATALIE SAYS:** Koalas have a very special diet (you could say they are a bit picky!) and are able to eat a plant that is poisonous to most animals called eucalyptus! They're able to do this because they have a very special organ to help their bodies cope with all this plant material which would be toxic to us and most other animals. You thought that was picky enough... they also prefer the eucalyptus leaves at the very top of big trees because they are healthier!



HELLO IN THE PROPERTY OF THE P

Do birds have accents or their own language, and if they do, can all species of birds understand each other?

Elisha, 12

of bird has its own distinctive call and songs. This enables them to recognise individuals of their own kind, especially if they can't see each other due to being hidden by thick foliage in a wood or if they are flying high overhead.

Some species, like the Chaffinch, are found over huge areas. Their vast distribution means that birds in the eastern part of their range may have a slightly different accent to the ones found in the west.

Similarly, birds in the north and south may also sound slightly different. But, they will all still understand each other!



Scribble your question down here, snap a pic and send it in! Don't forget to include your name, and where you're from.

## WHAT DO YOU WANT TO KNOW?

Email editor@animalplanetmagazine.com with your question, name and address. Your questions could feature in a future issue!

he environment and much more!

#### MEET THE PANEL



**Dr Jess French** Presenter, veterinarian and author



**Nick Baker** Naturalist and TV presenter



**David Lindo** Bird Expert, Naturalist, Author and Broadcaster



Marine Biologist and Conservationist

#### What is the biggest kind of butterfly? Ellie, 6

NICK SAYS: Well, the problem with 'biggest' is that you could mean different things! It could be the largest wingspan (the distance from the tip of one wing to the other) or it could be the largest surface area of the wings, or you might be asking what is the heaviest butterfly? However, in this case, I would think the answers all refer to just one species which is handy.

To call Queen Alexandra's Birdwing a monster seems a little unfair, but it is huge. This massive butterfly from Papua New Guinea spends its time zipping around in the high forest canopy. They've reached a record wingspan of 27.3 cm — that's almost the size of a ruler! Other members of the Birdwing family get close though, as does the Giant African Swallow tail and the Owl butterflies from South and Central America.



JESS SAYS: Dogs can be very noisy, can't they Tarni-Mai? Dogs bark for all sorts of reasons; it could mean they are excited, frightened, bored or in pain – or it could be to get your attention. If your dog is giving out a string of single barks, with slight pauses between them, it's likely they are asking you to share your food. Be careful how you respond to your dog's request! If you give in to their barking and feed them when they bark, they are likely to repeat the behaviour in the future. It's also important not to give your pets too much human food to eat, some things that are fine for us to eat, such as chocolate, onions and raisins, can be dangerous for our furry friends. Too much fatty food can also give dogs tummy upsets and cause them to gain weight.





You can also send your questions to us on social media. Always ask an adult for permission.



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Learn all about this incredible climate justi

## PROFIE:

Name: Xiye Bastida

Born: 2002 From: San Pedro Tultepec, Mexico

• Xiye Bastida grew up in the Otomi-Toltec Indigenous community in Central Mexico. With environmentalist parents and a community that believes strongly in living harmoniously with Mother Earth, Xiye has always understood the importance of protecting the planet. Xiye

has had first-hand experience of the effects of climate change as her small town suffered three years of drought, followed by devastating

heavy flooding. Shortly after the floods, when

Xiye was 13 years old, she and her family moved to New York City where her parents began working for the Center for Earth Ethics.



It was also around this time that Xiye started to get more involved in climate activism and in 2017 she attended her first

United Nations climate change conference. Since then, she has become an organiser for Fridays for Future, the youth climate strike movement which was started by Greta Thunberg. One of Xiye's strikes saw a whopping 300,000 people take to the streets of New York City to demand climate justice.

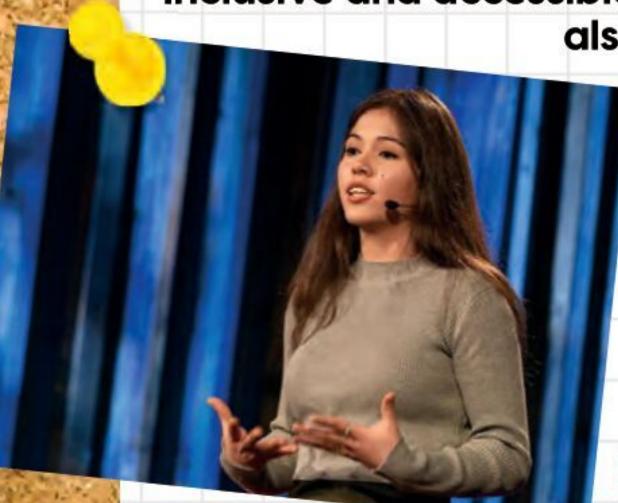
In 2020, Xiye co-founded the Re-Earth Initiative, a campaign group that strives to make the climate movement more inclusive and accessible to all. Over the last two years she has also spoken at climate change events

around the world, including COP26 and, in 2021 she addressed the world's leaders at a White House Climate Summit!

Xiye is now 20-years-old and currently studying Environmental Studies at the University of Pennsylvania.



Kiye with Greta Thunberg.







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#### LOVED THIS ISSUE? THEN SSS-SUBSCRIBE SO YOU DON'T MISS OUT!

### FOR PARENTS

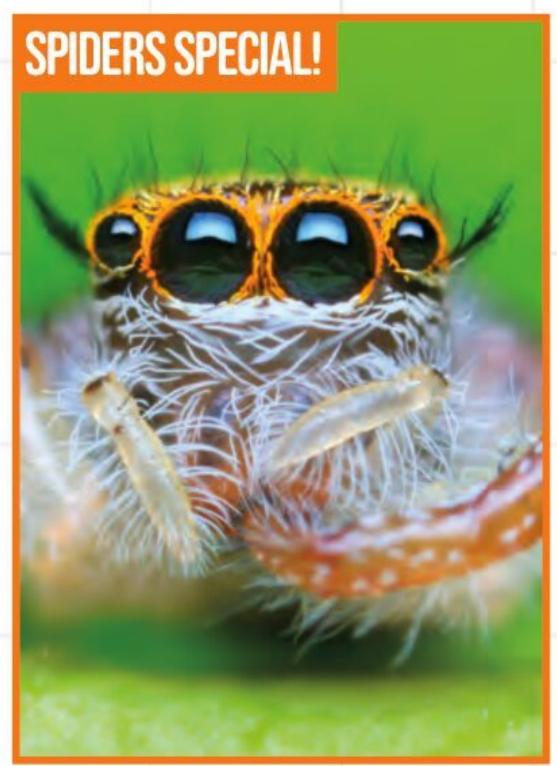
Filled with amazing animals and natural wonders, Animal Planet Magazine brings children up close to wildlife in every way.

Every issue we take readers on an adventure, captivating them with spectacular photography, facts, activities, experts and stories that spark a feeling of joy and wonder on every page.

#### SO MUCH TO ENJOY

- Animal kingdom
- Vets and pets
- Conservation
- Our weird and world
- Wildlife warriors
- Science

#### LOTS STILL TO COME!









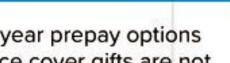
#### THE MAGAZINE FUR CURIOUS KIDS

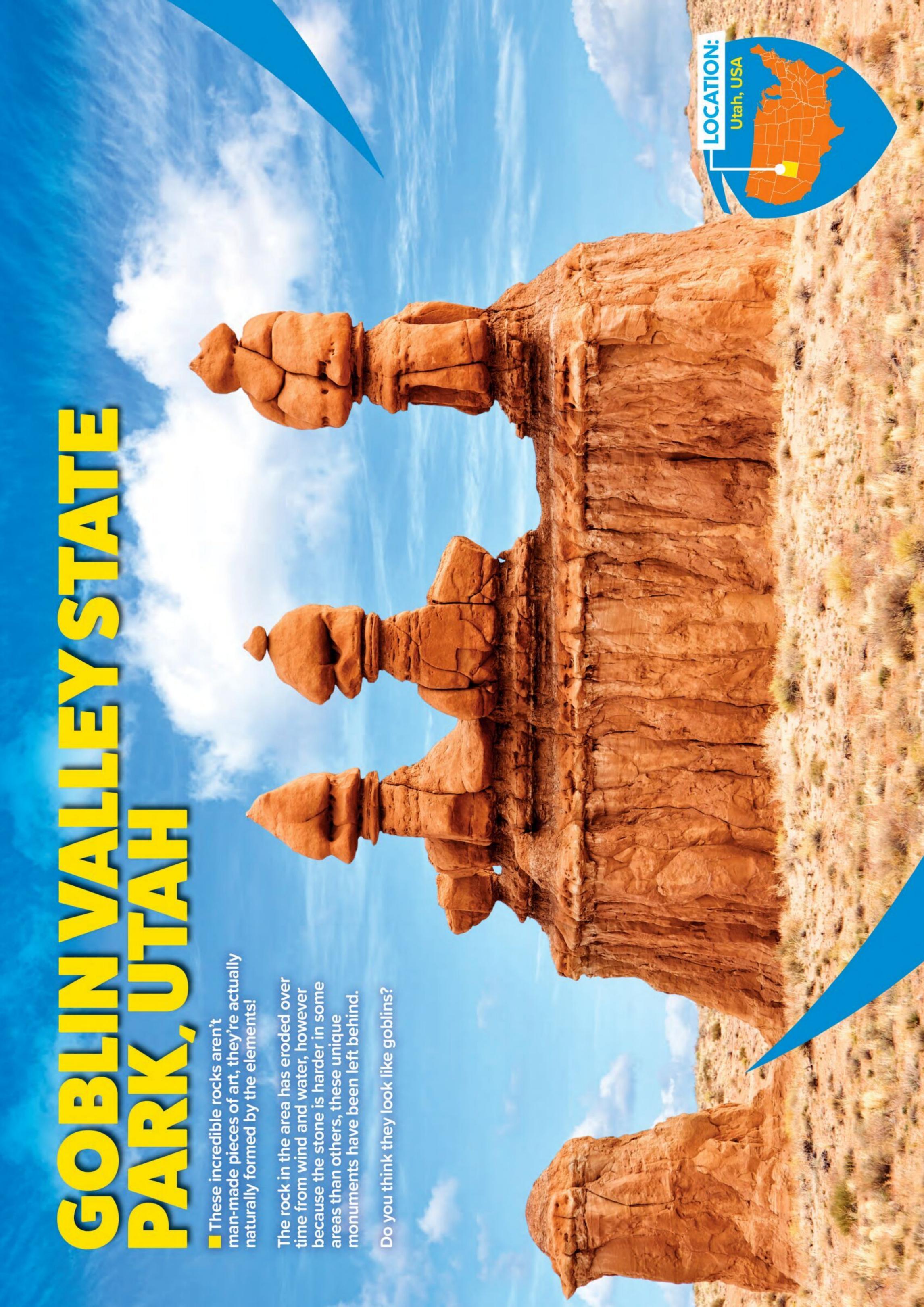


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Freephone from UK landlines and mobiles (MON-FRI 8am-6pm)







SOME TREES ARE IMMORTAL! WELL, ALMOST... THERE ARE SOME VARIETIES OF TREE THAT WILL **NEVER DIE OF OLD** AGE, LIKE THE BRISTLECONE PINE.

Around 70 MILLION AGRES of forests disappear from the Earth every year.



Trees didn't exist for the first 90% of our planet's history and only appeared on Earth around 400 MILLION years ago. Sounds like a long time until ou remember that our world is 4.54 BILLION years old!

There are 422 times as many trees on Earth as people! That may sound like a lot but, sadly, about

15 BILLION

trees are lost each year due to deforestation.

**An incredible** 1.6 BILLIO

people rely on forests for their livelihoods.

There are over 60,000 tree species in the world.

Ancient Pagan cultures believed that spirits and gods lived in trees and could be summoned for protection by knocking on the tree trunk. We still use the phrase "knock on wood" today!

YOU CAN COUNT THE RINGS IN A TREE'S TRUNK TO WORK OUT HOW OLD IT IS. **EACH RING EQUALS** ONE YEAR!

HI!

The world's tallest tree is nicknamed Hyperion and can be found n the Redwood National Park in California. It stretches to a whopping 115m

- that's taller than Big Ben!



Trees in a forest can 'talk' to one another, thanks to soil fungi hidden deep underground. The fungi links the trees, allowing them to share nutrients and even help younger trees!

## DUTTREES!

Who knew trees were so amazing?!

A large oak tree can 'drink' around 100 gallons of water per day – that's a serious thirst!

A single large oak tree can drop

10,000
acorns
in just
one year!



#### TREES FART!

They release methane and carbon dioxide from their trunks, just like we release gas. Gross but so cool!

The rainforest canopy can be more than 40 feet thick.

Xylem (zai-lum) sap is a sticky liquid which carries water, sugar and nutrients through the tree's trunk and branches.

One single tree in a rainforest can have more than 40 different ant species in it!



and has been standing since the time of woolly mammoths!

#### EVERGREEN

is the name given to trees that keep their leaves all year round.

#### DECIDUOUS

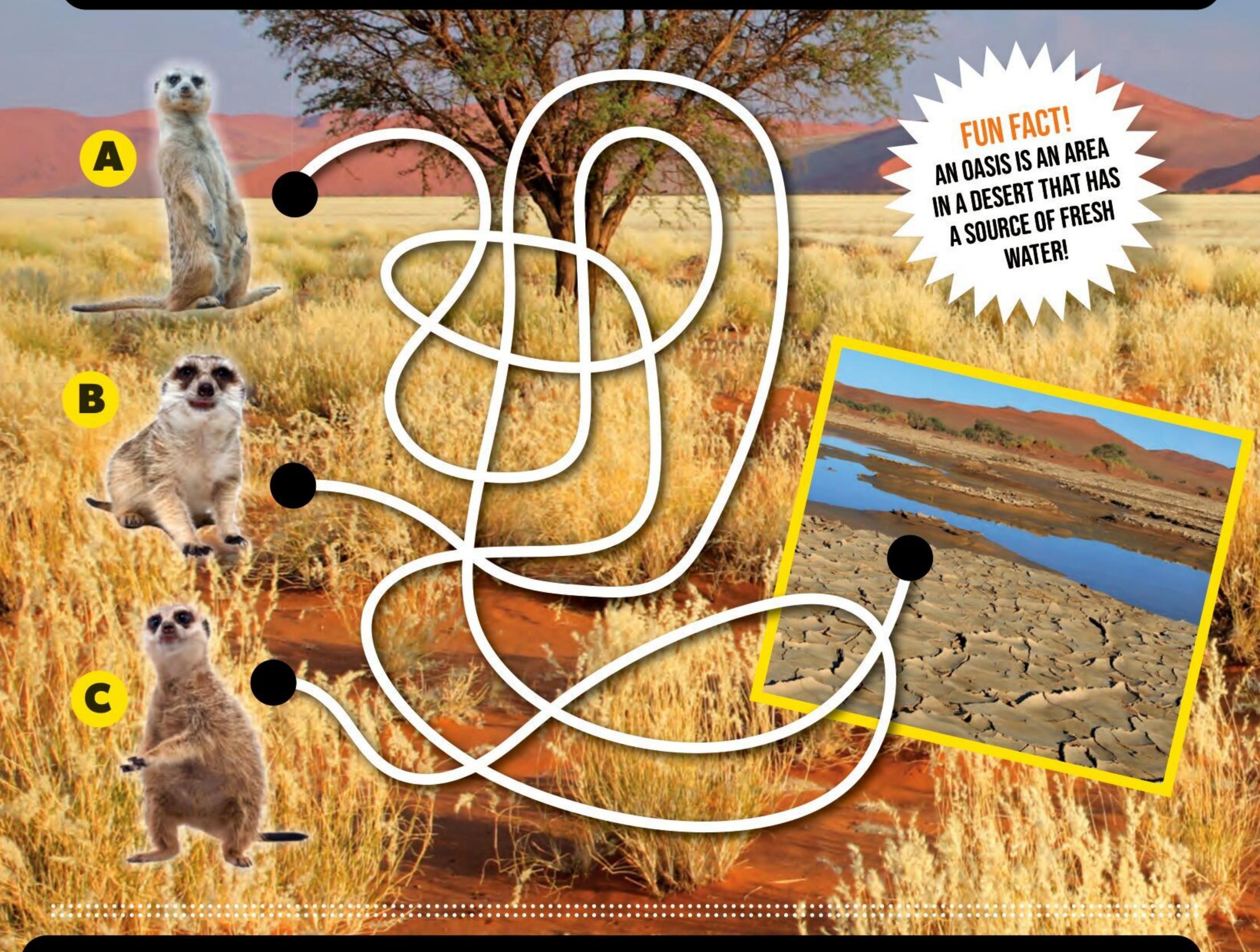
trees lose their leaves every year.

The tradition of decorating Christmas trees came to the UK thanks to Queen Charlotte! She set up the first known Christmas tree in the UK in 1800 after being inspired by the tradition while in southern Germany.

Bonsai trees are miniature ornamental trees grown in pots. Bonsai is a Japanese art and these tiny trees need careful cultivation. One particularly fine bonsai tree sold for \$\frac{C1}{2} \text{MILLIONII}\$

\$1.3MILLION!

**THIRSTY WORK!** These little meerkats have been playing all day in the sunshine — but who makes it to the watering hole first?



**SPOT THE DIFFERENCE**These handsome fellas seem identical, but look closely and see if you can spot the five differences between the pictures.





Flex your brain with these boredom busters!

#### DESERT DUDES

- Can you find the hidden words all about these little sand-dwelling mammals?
- MEERKAT
- MONGOOSE
- OMNIVORE
- STRIPED
- SENTRY 🗾
- FORAGE ☑
- CLAWS 🗾
- GRASSLANDS 🗾



A SINGLE MEERKAT
CALLED A SENTRY
KEEPS WATCH FOR
ANY DANGER!

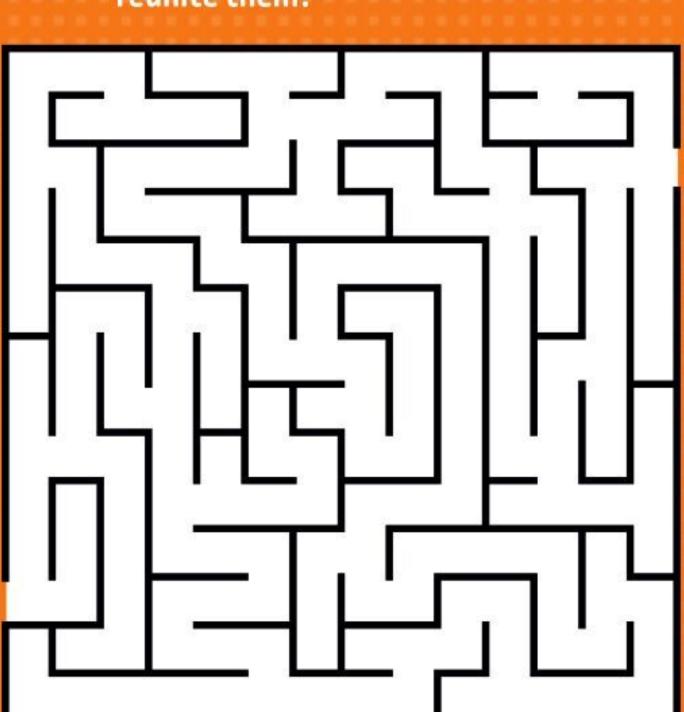
GZMLFZQWQMDRJOXBWFUEKOASNCBECEMMSSTGMCLRFNEWSROHAKOINTDLIOWARVTNZLAPSTAORBJRPNEEGRYXCQYXDDEESFSJHNQS

#### BURROW BUDDIES These pals have lost each other at opposite sides of the burrow – can you reunite them?

#### DID YOU KNOW?

ONE MEERKAT BURROW
CAN HAVE AS MANY AS 15
ENTRANCES AND EXITS
AND BE OVER 2
METERS DEEP!







NSW BRS

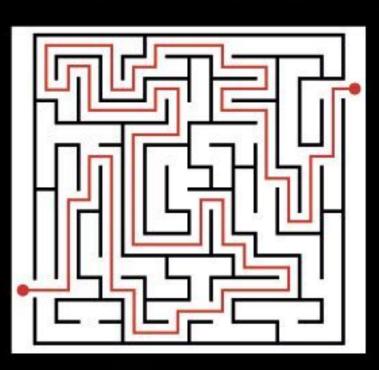
THIBSTY WORK



SPOT THE DIFFERENCE

GZMLFZQWQM GZMLFZQWQM DRJOXBWFUE KOASUCBECE KOASUCBE MMSSTCR FUEWSROHAK FUEWSROHAK OINTDLIOWA FUEWSROHAK OINTDLIOWA FUEWSROHAK ONTDLIOWA GRYXCQYXDD GRYXCQYXDD

DESERT DUDES



**BNBBOM BNDDIE2** 

## #PLANETWARRIORS PAGE THAT'S ALL ABOUT



#### HAZEL, 6

"My favourite thing about the magazine was Meet the Super Pets because I like that pets can keep you company and some are very friendly, some are relaxed and cute, and some have lots of energy. I've drawn a picture, but it is not my cat Chippy because she is black and white."

### PICK OF THE POSTERS!

WE LOVED SEEING YOUR POSTERS!

#### STANLEY, 8

This is TURTally awesome, Stanley!



• We love your realistic Siberian tiger, Scarlett!



#### THOMAS,?

Looks like Thomas is all set for World Bamboo Day on September 18!

JOIN THE



## JOKE OF THE MONTH

What do you call a lazy baby kangaroo?



### #PLANETWARRIOR CHALLENGE

September 17 is World Cleanup Day, where volunteers across 191 countries get together to clean up their patch. If you go on a litter pick, send us a picture, or tell us about it!

- DRAWINGS AND PICTURES AMAZING WILDLIFE OR TRAVEL SNAPS
- INSPIRING STORIES

Include the subject line 'Planet Warrior Club' and the following details: full name, date of birth, address, postcode, parent/guardian's name and email/contact number. Our editorial team will pick the entries that make them smile the most to feature on this page! Please see P3 for full info.

TO SEND US YOUR DRAWINGS PHOTOS AND



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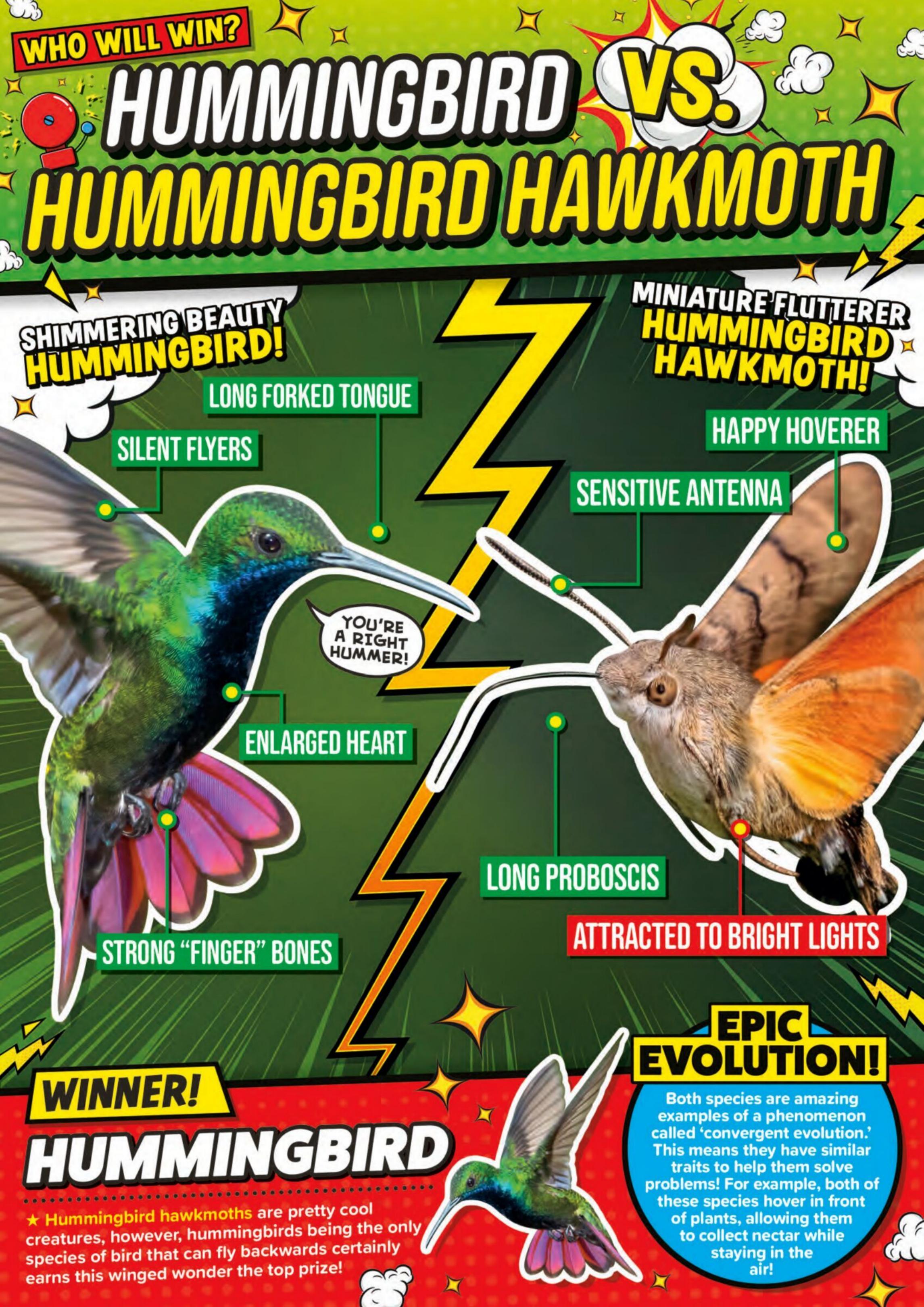
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## DONT MISS ISSUE 22





Discover their webs of wonder!



#### O SPOTLIGHT ON... STEVE IRWIN!



#### **BEAUTIFUL BATS!**



CAT DIARIES!

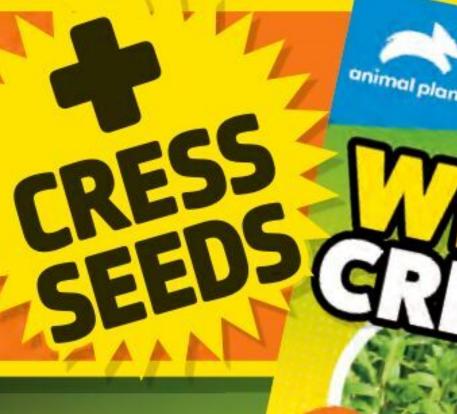


• WORLD'S FREAKIEST FUNGUS!



POPPINE GROWN OF THE PARTY OF T







## TOTAL ITREALLY EXISTS!

Each month, we take a look at the strangest animals on the planet.

Say hello to the TORTOISE BEETLE!

Tortoise beetles are members of the leaf beetle family, and these little bugs are fascinating! These beautiful beetles are named after their specially adapted wing covers, which look a little bit like tortoise shells.

Different types of tortoise beetles are found in many countries all around the world, usually living on plants and foliage. As members of the leaf beetle family, they prefer to make their homes on plants and foliage.

plants.





#### get closer to nature, with wild new shows





### LETIMACINATIONS RUNCULDI

• GET UP CLOSE AND PERSONAL WITH THE ANIMAL KINGDOM, LEARN LOADS OF FACTS, EXPERIMENT, COMPLETE PUZZLES AND MUCH MORE!

