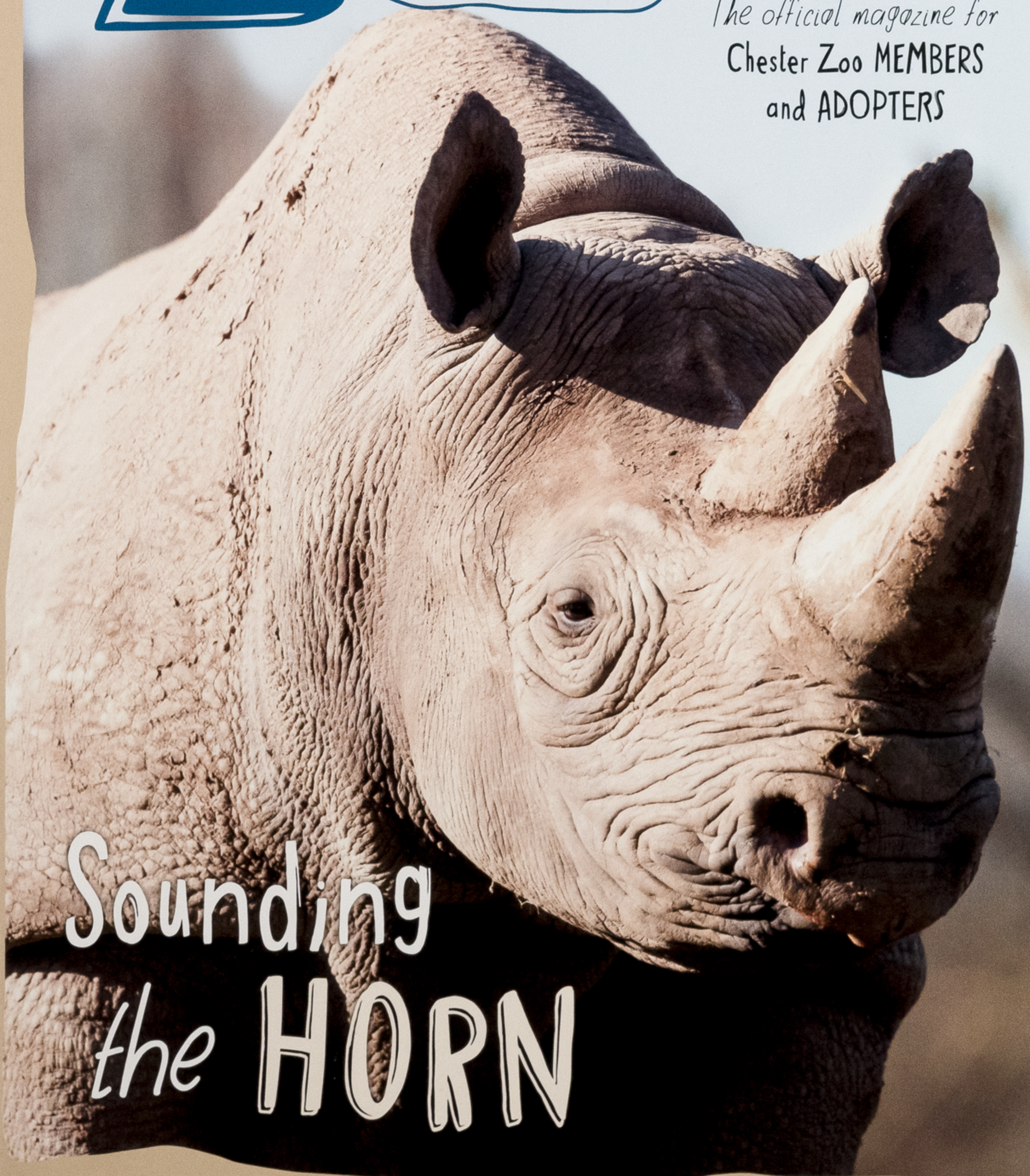


AUTUMN 2012

Z MAGAZINE

CHESTER ZOO

*The official magazine for
Chester Zoo MEMBERS
and ADOPTERS*



Sounding
the HORN

IN YOUR Z...

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DON'T MISS!

Adopter Days
7 October 2012 - Sunday
9 March 2013 - Saturday

Members' Days
4 November 2012 - Sunday
20 April 2013 - Saturday
28 June 2013 - Friday



CHESTERZOO

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Z is published by: North of England Zoological Society,
Upton-by-Chester, Chester CH2 1LH
Registered charity No. 306077

ARE YOU A FRIEND OF THE ENVIRONMENT?

As part of our commitment to the environment, we're giving you the chance to receive **Z** electronically.

Swapping over is easy.

Simply contact the membership office on **01244 650 208** or email membership@chesterzoo.org with an email address you would like us to send the link to – but don't forget to include your membership number or postcode so we can find you on our system. You'll still receive **Z** by post should you not wish to receive it electronically.

Please can you update us with news from the zoo?

As always there's been a lot happening around the zoo over the last few months. *Dinosaurs Bite Back!* is proving to be a big hit once again and has been enthralling visitors, both young and old alike.

On the animal front, we've had some excellent news with the arrivals of onager foals *Caspian* and *Ambar* and the most welcome appearance of rock hyrax babies. With our sporting hats on we also said hello to Asian Short-clawed Otter *Daley* named after diver Tom Daley – like his counterpart, our otter also found himself making headlines around the world!

On the plant front, we are now home to the national collection of *Nepenthes*, one of the largest collections of carnivorous plants ever seen in the UK. You can pop along and see these amazing plants in our *Plant Paradise* (formerly the *Grow Zone*).

Looking ahead, after 10 years of careful planning and investment in our Black Rhino facilities, I am thrilled that we are beginning to see the results. We are eagerly anticipating the births of three others with *Zuri*, *Ema* and *Malindi* all expecting calves from the autumn time onwards. It's not just the rhinos who are waiting to become mothers with elephants *Sithami*, *Sundara* and *Thi* and okapi *Stuma* all due later this year. Do keep your fingers crossed for what will hopefully be the best ever year for breeding important large mammals in our history.

Our Curator of Lower Vertebrates and Invertebrates Dr Gerardo Garcia travelled to Heathrow to collect Ploughshare Tortoises which were part of an original shipment seized by the Hong Kong government in 2009 and 2010. The Ploughshare Tortoise is one of the most threatened species of animal on the planet. Gerardo and our Managing Director Barbara Smith were also at Prince Charles' residence, Highgrove, recently where the Prince was rewarded for his rainforest work by the zoo-supported Amphibian Ark. Prince Charles has had a rare species of Ecuadorian Stream Frog named after him - the Prince Charles Stream Tree Frog (*Hyloscirtus princecharlesi*).

Elsewhere, Asian Elephant *Upali* left us for his new home in Dublin and we hear he has settled in very well indeed. We're currently looking at options for a bull elephant to replace him as our breeding male, a very important decision for us.

I enjoy the fact that we don't just focus here on the large and spectacular animals. An important species, the Baer's Pochard, might seem like any other little brown duck but it's a really special species being critically endangered in the wild. Baer's Pochard can be found on the pelican pond and I'm pleased to say we have ducklings in the rearing room. A great coup for the bird team and the species!

Please can you update us on Islands?

The detailed plans for Islands have now been submitted to Cheshire West and Chester Council for their consideration and we hope to hear later in the year. If we are successful in achieving planning permission, then we aim to start work as soon as is practicable with a 2015 finish. Elsewhere, building on the turtle ark at the back of the aquarium will start later this year and we are currently working on the designs for the project. We'll continue to update you as work starts.

Are there any other highlights?

I like our new brand so much because it is simple, honest and fun. It continues to be rolled out and is now reflected in our uniform. I hope you'll agree the savannah shirts and navy blue trousers are a great combination and everyone is looking very smart indeed!

What is happening in conservation?

With our Act for Wildlife hat on, we were devastated to hear that six people and 13 of 14 okapi were been brutally killed in the Okapi Faunal Reserve in north-eastern Democratic Republic of Congo, a project that we have given financial support to for a number of years.

Anyone who has seen the okapi here at the zoo knows just how beautiful and majestic these creatures are and we were so moved by what has happened that we made an emergency donation to help the people concerned.

Through Act for Wildlife we're helping to protect and conserve animals around the world from an ever increasing threat so do encourage your friends and family to visit the Act for Wildlife website www.actforwildlife.org.uk

Thank you for your continued support.

NEWS FROM THE ZOO

with **Dr. Mark Pilgrim**
Director General

SANGAY the bear goes to the DENTIST

Our vets and keepers recently helped carry out root canal work on a very special patient.

Sangay – our 20-year-old male Spectacled Bear – underwent specialist dental treatment shortly after keepers spotted he had a broken tooth.

The team was joined by veterinary dentist Colin Baxter for the procedure, which took an hour and a half to complete on the 21-stone (137kg) bear.

Due to his size it took both the vet team and the twilight team to lift him onto the operating table crafted from bales of hay in his enclosure at the zoo.

Vet Gabby Drake said:

"It was a relatively straightforward procedure, but needed specialist equipment and skills and was made all the more unusual given his size.

"The entire procedure lasted around an hour and a half and not long after, Sangay was up and eating again! The very next day he was right as rain.

"We're delighted with results and most importantly, so is Sangay."





EASY RIDER

It's a tall order moving a giraffe but two on one day is something else.

As *Thorn*, our adult male Rothschild Giraffe, prepared to make his move to Longleat Safari Park, *Doto* was making the switch the opposite way.

To move a giraffe that is nearly five metres tall and weighing over a ton is not an easy job. A company called EKIPA that specialise in moving larger animals including giraffes, rhinos and elephants between collections across Europe, was drafted in to coordinate the move.

Doto arrived at Chester and was calmly unloaded into the giraffe house. After a brief greeting over the fence, *Thorn* was then loaded into the vehicle and was on the road down to Longleat only 31 minutes after *Doto's* arrival.

The move was made to ensure the genetic diversity of the captive Rothschild Giraffe population. *Doto* was mixed with the female group the next day and has settled in very well. Emmen Zoo-born *Doto* is 13 years old. Weighing 1100kg and standing at just over 4.5 metres tall, he is slightly shorter than *Thorn* and we have high hopes for the future breeding success of this group!



GREEN GIANTS



Waiting to emerge - the Green Birdwing pupa

Keeper Heather Prince is pictured with a rare species of butterfly. The Green Birdwing, from Australia, is one of the largest butterflies in the world but is rarely seen due to extremely strict import laws. The protected species was visible in the zoo's Butterfly Journey exhibit.

Photo: Gerardo Garcia/Chester Zoo

A seldom seen species of butterfly appeared at the zoo.

The Green Birdwing is one of the world's largest butterflies with a wingspan of up to 20cm.

However the stunning species, which is protected by CITES (the Convention on International Trade in Endangered Species of Wild Fauna and Flora) to prevent its illegal trade, is rarely seen.

The group joined the other 25 other species – around 300 butterflies – in the zoo's Butterfly Journey exhibit.

The species' Latin name is *Ornithoptera priamus*.



HI-RAX!

Tiny Rock Hyraxes - a species with a remarkable genetic link to the elephant - have been born here for the first time.

Small and stocky and resembling miniature adults almost as soon as they are born, Rock Hyrax babies weigh just a few ounces.

But despite their Guinea pig-like appearance, the species is in fact the closest living relative of the elephant - sharing several common features. Not only do they have acute hearing and hooves rather than claws on their toes, they have two large continually growing incisors, which correspond to an elephant's tusks.

And whereas small mammals normally have a short pregnancy period, for the Rock Hyrax it lasts for around seven and a half months (245 days) - another sign of their relation to their much larger ancestors.

Rock Hyraxes are native to Africa but can also be found along the coast of the Arabian Peninsula. As their name suggests, they live in rocky terrain, seeking shelter and protection in rugged outcrops or cliffs.

The new arrivals can be seen in their exhibit at the zoo, which is part of the African Painted Dogs' trail.

The Rock Hyraxes were born on 21 July 2012

- Within just three days of birth, they are ready to try out solid foods and not just rely on their mum's milk
- Although technically most closely related to elephants, their evolutionary paths diverged many millions of years ago. Even so, they still share numerous features with elephants, including toenails, acute hearing, sensitive foot pads, and tusks



YOU'RE ALL-WHITE

with me!



Keeper Amy Vercoe has been hand-rearing two Black Storks at the zoo – the only place in Britain that is breeding the species.

The birds, which are found in southern Africa, central Europe and temperate Asia, were hand-reared after being abandoned by their parents. The chicks were each fed 40 grams of meat, including rat and trout, every three hours between 7am and 7pm. When fully grown they will have a wingspan of around 5ft.

Amy said: "The stork eggs were abandoned by their parents and so we stepped in to take care of them.

"It's really important that we get as many chicks through to adulthood as we possibly can, to boost both our population here and, subsequently, the European breeding group.

"However, Black Storks are extremely shy and wary and they're seldom hand-reared, so it was quite a challenge.

"But these two are now looking really strong and healthy."

TORTOISE GETS NEW SHELL-TER

Curator of Lower Vertebrates and Invertebrates Dr Gerardo Garcia is pictured with one of four Ploughshare Tortoises, part of a shipment of 13 discovered in Hong Kong in 2009 and now home at the zoo. The Ploughshare Tortoise is one of the most threatened species on the planet. The tortoises will form part of a first European Breeding Programme, which is being run with Durrell Wildlife Conservation Trust, Jersey, and Rotterdam Zoo.





FOALING AROUND

Chester Zoo is celebrating the arrival of two very special foals - rare onagers, *Caspar* and *Ambar*.

Related to the domestic donkey, the onager is an Asiatic wild ass, which lives in the semi-desert regions of Iran.

Once common in most of the central and southern plains of Iran, onagers are now found in just two protected areas.

Threatened by illegal poaching, overgrazing and disease passed from domestic livestock, there are believed to be around just 400 left in the wild and very few zoos in the world keep the species.

However, Chester is part of an international conservation scheme and thanks to the success of a breeding programme is helping to ensure these beautiful animals are not lost forever.

Curator of Mammals, Tim Rowlands, said:

'Our young onagers are doing very, very well.

'The species is critically endangered and so the new foals are a valuable addition to the safety net population found in zoos.

'Sadly, as the rarest species of equid in the world, there is a very real possibility that they could become extinct in the wild and so constant conservation attention is required to secure the future of the species.'

Our animals are leading the march on **CLIMATE CHANGE**

The elegant Caribbean and Chilean Flamingos, Red-breasted Geese and corals in the aquarium will take centre stage in a thought-provoking exhibition that encourages visitors to 'make change, not carbon.'

Beginning in the Joseph Banks Room and including a makeshift kitchen with tips on how to 'Be a hero at home,' the exhibition looks at alternative energy and encourages visitors to share their climate change stories.

The exhibition will then continue with messaging at the flamingos, penguins, aquarium and Europe on the Edge aviary.

Education Programme Manager of the zoo's Discovery and Learning Division, Maggie Esson, said: "Hot Pink Flamingos aims to inspire both current and future generations about the impact of climate change on the world around them.

"We all have a responsibility in tackling climate change and one of the best ways to get this message across is to use our own inspiring animals."

Hot Pink Flamingos has been donated to Chester by the Monterey Bay Aquarium in California.



TACKLING RHINO CONSERVATION from all angles

Rhinos are valuable. This is one statement which everyone can agree on. But the word valuable can have three very different meanings, writes Assistant Conservation Officer Cat Barton...

For conservationists and wildlife enthusiasts, we know why we value rhinos. For anyone who's ever seen an amazing species like a rhino, what's not to love? As with every other species, rhinos have an ecological value. But others see the value

in rhinos as a product. In Asia, rhino horn is used in traditional medicine and is believed to have properties that range from treating high fevers to curing cancer, despite the lack of scientific evidence. For poachers, we're talking about a third kind of value - money. Rhino horn currently reaches a price of £40,000 a kilo; the kind of money that fuels an illegal business through poaching and trade.

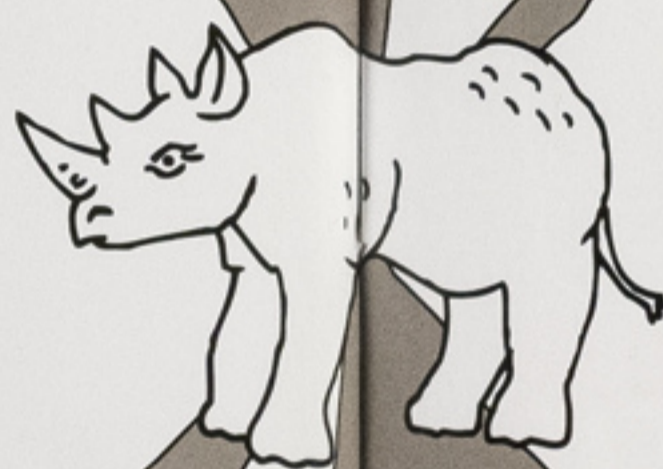
Poaching for the highly valuable rhino horn is simply off the scale. Already this year, 281 rhinos have been poached in South

Africa alone and there's no sign of the crisis slowing down. The additional threat of deforestation is an added pressure, particularly for the already small populations of rhino in Sumatra and Java which are at a huge risk of being wiped out.

To help combat some of these issues, Chester Zoo is involved in projects all over the world to help protect and conserve three species of rhino - Black Rhino, Greater One-horned Rhino and Sumatran Rhino. Here's the latest news from some of our rhino conservation projects.

GREATER ONE-HORNED RHINO: Protection in INDIA

In the 1990s, Manas National Park in Assam, India lost all of its Greater One-horned (or Indian) Rhinos during a period of political instability. As part of the "Indian Rhino Vision 2020", the aim is to restore the park to its former glory and bring the rhinos back. Fourteen rhinos have been translocated to Manas so far. Sadly one was lost to a poaching incident but more translocations are planned for this year. In June of this year, devastating floods hit Assam and have increased the pressure on rhino monitoring teams. Rhinos trying to escape the floods are staying around the fringe of Manas which means they are more easily targeted by poachers. Monitoring the 950km² park is a difficult task so we have sponsored the purchase of a new vehicle that will help rangers to both continue and increase their patrolling in Manas National Park.



DEMAND: Closing the circle in ASIA

All the projects for the three rhino species we work with are vital for on-the-ground protection and ensuring long term sustainability, through local community involvement. But the one thing that these don't tackle is the escalating demand for rhino horn that is the driving force for the poaching in the first instance. Working to confront wildlife trade through public education in Chinese zoos is a new project which our education team has been involved in. We hope this will be a first step to changing public attitudes about illegal wildlife trade before it's too late.

BLACK RHINOS:

Tackling the heart of the problem in KENYA

In response to the increased poaching threat, security is being stepped up all over Africa. One of our projects in Kenya's Chyulu Hills National Park supports local Massailand Preservation Trust (MPT) rangers who work all year round in difficult and often dangerous conditions. The park holds one of the last remaining free-range populations of Eastern Black Rhino in Kenya, a subspecies with less than 750 individuals left.

Our support is wide ranging from communication equipment to basic infrastructure which will help to strengthen surveillance and anti-poaching units. A recent project was the construction of 'Simba Camp'; the home of the MPT staff when they're on duty and the hub of conservation activity at Chyulu Hills. The old building was no longer adequate for their needs and, as rangers can spend weeks at a time in the field, ensuring they have the capacity to carry out their activities to the highest standard is vital.



© MPT

All other images © Save the Rhino International

YOU'VE SEEN WHAT WE'RE DOING NOW SHOW YOUR SUPPORT AND ACT FOR WILDLIFE TO HELP SAVE RHINOS

Saturday 22 September marks the third annual World Rhino Day, so we've declared the whole of September **RHINO MONTH**.

Throughout September we want all our supporters to take a stand and get involved in one (or more) of the ways suggested below...

- Help us raise enough money to fund **THREE** Rhino Rangers for our project in Chyulu Hills National Park in Kenya for a whole year. To do this, we need raise **£5,450**. But just imagine, if every one of our adult members donated just **£1** each to this campaign we could actually raise nearly **£28,000**. You can make a donation either by visiting www.actforwildlife.org.uk or by sending us a cheque made payable to Act for Wildlife and to Act for Wildlife, Chester Zoo, Upton, Chester CH2 1LH
- Attend the members' talk on Thursday 13 September and hear more about our projects out in the field. Find out more by visiting page 24.
- Say "**NO to rhino poaching**". Visit www.actforwildlife.org.uk to find out how
- Join the stampede and take part in **Run for the wild**, our 5km family fun run on **Saturday 29 September**.

The threat of extinction is a very real one for all five of the rhino species and without organisations like ours they could be lost **FOREVER**. But we just can't let that happen and we need you. Show your care, stand up and be counted and join us to Act for Wildlife this September.

Visit www.actforwildlife.org.uk NOW

© Dedi Candra YABI / IRF



SUMATRAN RHINO:

Celebrating BREEDING SUCCESS

Across the globe in Sumatra, three National Parks are home to the critically endangered Sumatran Rhino. In response to the catastrophic decline of the species to 200 individuals, the Rhino Protection Unit (RPU) programme in Bukit Barisan Selatan National Park was set up. Poaching is a problem here, but the primary threat is human population growth and encroachment into the forests which is decreasing habitat at an alarming rate.

As part of the same overall project, the Sumatran Rhino sanctuary - based in Way Kambas National Park - has been working tirelessly to breed rhinos for future potential release. Success was finally celebrated this year with the birth of a baby Sumatran Rhino. This birth is a huge success for the project; with only 200 left in the world, one is quite a large number. We're incredibly proud to offer our support for the local RPUs who do a fantastic job in protecting the wild rhinos.



WALK ON THE WILD SIDE

In celebration of the Queen's Diamond Jubilee and the London games, the zoo's Horticulture and Botany Department has created a series of wildflower borders. The colour scheme was, of course, red, white and blue and a suitably sporting gold.

Wildflowers are having a moment - sales of cornflowers, field poppies and other insect friendly flowers have tripled this year.

Curator of Botany and Horticulture, Mark Sparrow, said:

"We wanted to grab visitors' attention with the idea that wildflowers aren't weeds. The gardens are a catalyst for home gardeners to consider ditching lawns and formal summer bedding in favour of mini-meadows."



ALL ABOARD!

Plant enthusiast and trustee Professor Stefan Buczacki opened a new canal-themed conservation garden at the zoo.

The display - built around a mock-canal lock donated by The Canal & River Trust - is designed to raise awareness of the zoo's behind-the-scenes conservation work with native plants.

Horticultural staff at the zoo are growing rare and threatened water species in ponds and reintroducing them into areas of the UK where they have vanished.



A rat trapped in *Nepenthes northiana* in Sarawak, Borneo.

PLANTS with an APPETITE

Chester Zoo is well known for its lions, tigers and cheetahs. But now some more unusual carnivores have gone on show to the public... flesh-eating plants!

The zoo is now home to one of the largest collection of carnivorous plants in the UK and has taken on over 2,000 of the flesh-eating plants, some of which have never been on show in the UK until now.

Of the 130 species known to science, the zoo now holds 126, with some thought to already be extinct in the wild and others in serious danger of extinction.

But horticulturists at the conservation charity hope that their new cultivation programme will create an insurance population, providing a vital back up to those left in the wild.

Curator of Botany and Horticulture, Mark Sparrow, said:

"This is the national collection of *Nepenthes* (carnivorous plants), which is admired all around the world.

"It's a dizzying variety of plants, which require some very different conditions.

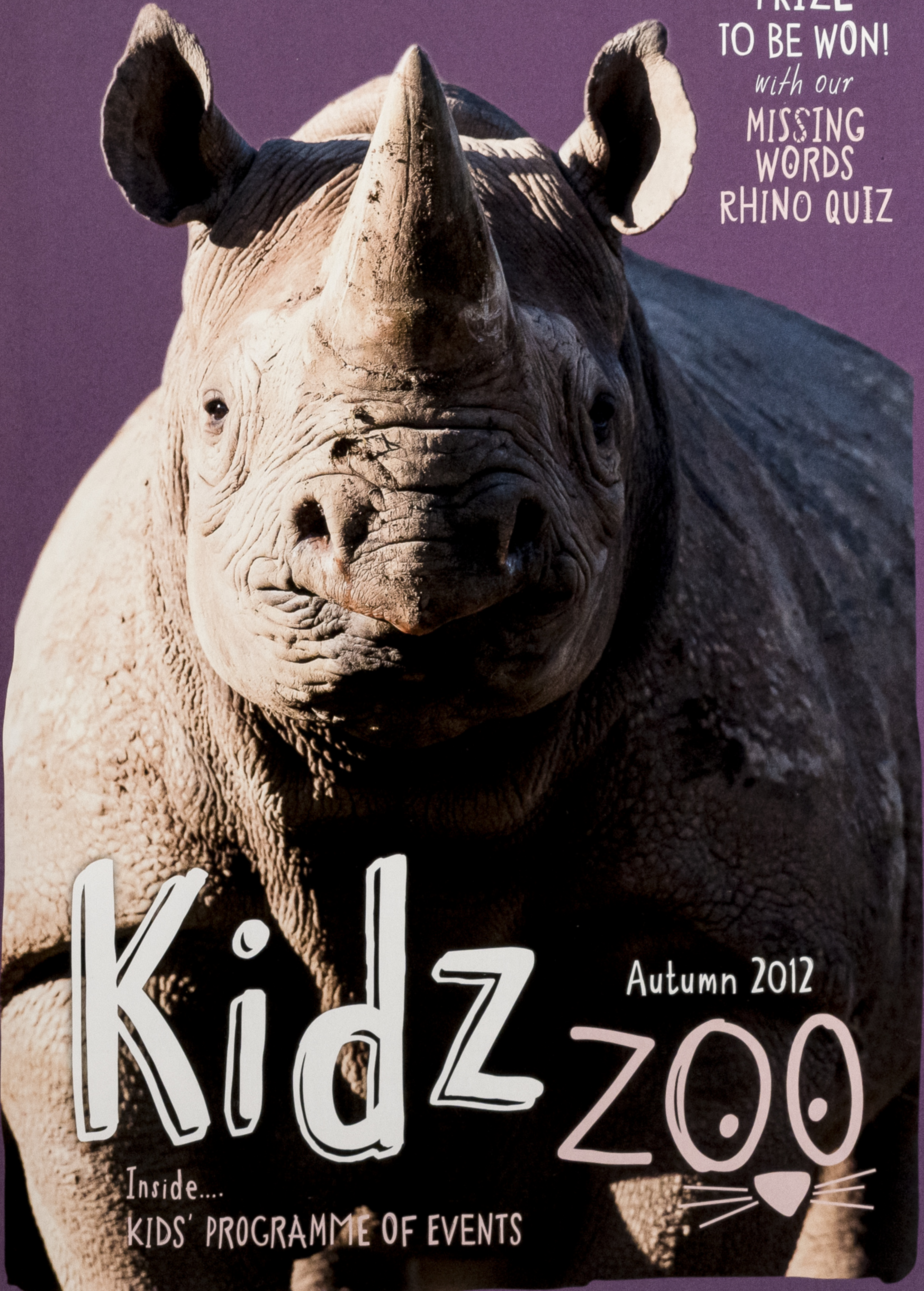
"But with the talented staff and facilities we have here at the zoo, we're confident we can cultivate a key safety net population."

But one particular specimen - a huge, rare pitcher plant known as a *Nepenthes spathulata* - will need some extra special care.

"The *Nepenthes spathulata* is so huge that the team will occasionally need to feed it mice," added Mark.

Chester Zoo took over the collection from a private collector thanks to support from The Finnis Scott Foundation, the Topinambour Trust and The Ronald and Kathleen Pryor Charity.

A number of the plants are now on show to the public in the zoo's *Plant Paradise* (formerly the *Grow Zone*) greenhouses.



PRIZE
TO BE WON!
with our
MISSING
WORDS
RHINO QUIZ

Kidz zoo

Autumn 2012

Inside....
KIDS' PROGRAMME OF EVENTS





Which of the small pictures is NOT a perfect
MIRROR IMAGE of the large picture?





Junior Members' PROGRAMME of EVENTS



SHUGBOROUGH HOME FARM

SATURDAY 22 SEPTEMBER 2012

You will love this visit to a beautiful stately home in Staffordshire and will find that the Autumn is a perfect time to visit their Home Farm to see the rare breeds and shire horses. Home Farm also has wonderful displays of cheese making, flour grinding and bakery skills.

Eights and over are invited to join us for a relaxing day. We will leave the Staff Entrance at 9.30am and return home for 5.00pm. Please bring a picnic.

THE WELSH MOUNTAIN ZOO

SATURDAY 20 OCTOBER 2012

Our juniors love to visit other zoos, and the Welsh Mountain Zoo in Colwyn Bay is one of our neighbours. You will need to dress very warmly for this one, as the zoo is also on the top of a hill!

Over eights are invited to come along and enjoy the day, and we will leave the staff car park at 10.30am and return there for 4.00pm. You will need a picnic lunch.



WIRRAL COUNTRY PARK – THURSTASTON

SATURDAY 17 NOVEMBER 2012

We will start our walk at Thurstaston and will amble along the Wirral Way from there, back to the dungeons and then on as far as we want to go!

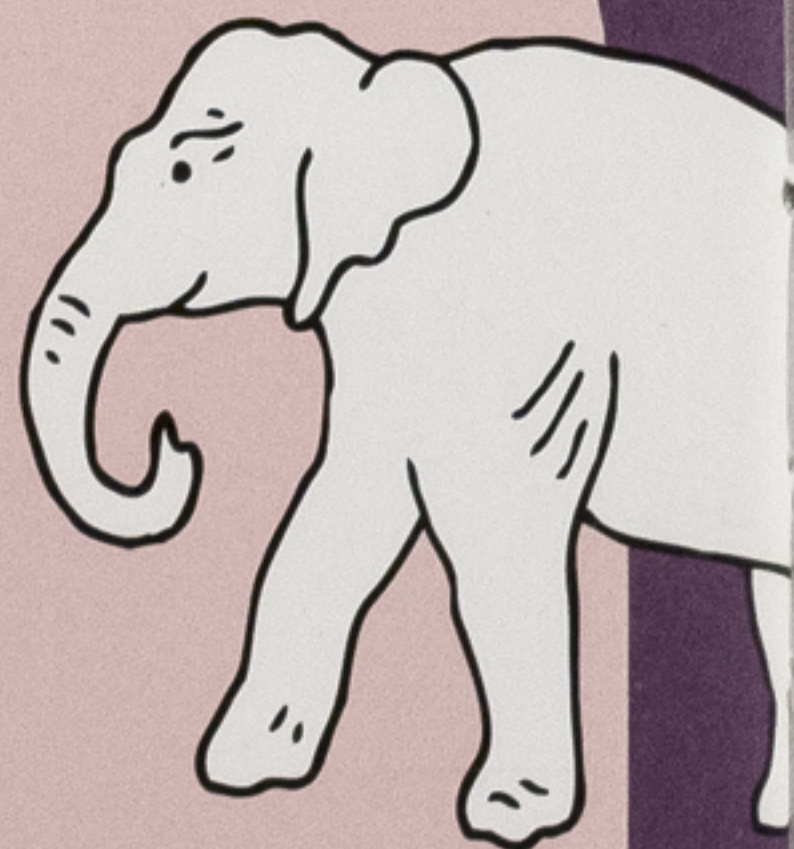
We will leave the Staff Car Park at 11.00am and return at 4.00pm. Over eights are invited to attend and you should bring a picnic with you.

THE JUNIORS' CHRISTMAS PARTY

FRIDAY 7 DECEMBER 2012

Our annual 'bash' welcomes juniors of eight and over to enjoy an evening of games, disco music, and a great hot-dog and beef-burger supper. You will need to bring along a cushion to sit on – and a torch to find us!

The venue will either be the zoo's undercover picnic area or June's Pavilion. Access can be gained through the Cedar House Staff Entrance on Caughall Road, which is the second staff entrance on the left going from the Upton lights. You should arrive at 7.00pm, with your cushion and a torch, and we will guide you to the venue. Parents should arrange to collect you from the Cedar House Car Park at 9.45pm.



Please Note:

Bookings must be made for all events. Please ring Penny Rudd at the zoo on 01244 650 215, not more than two weeks before the event you would like to attend. Places are offered on a first-come, first-served basis and may be limited. This list is provisional and in exceptional circumstances we may have to alter dates and venues. You will be informed of any such changes in Z Magazine and not by individual letter, so please keep up-to-date by reading the Junior Pages in each issue. A charge will be made to cover the cost of those events which involve transport, entry fees, materials or the provision of food, and you will be advised of this at the time of booking.

These fluffy, yellow ducklings may look the same as any other you'd spot down at your local pond or lake but they are in fact two of the rarest in the world.

The critically endangered duo are being hand-reared by the bird keeping team after they were abandoned by their parents.

Experts suggest that only a few hundred pairs of the species, known as Baer's Pochard, are left in the wild. This is a result of hunting and loss of their habitat in Siberia and eastern Asia where they were once commonly found.

The zoo is one of the few institutions in the world that is breeding the rare species and hopes to play a vital role in their long-term survival.

Curator of Birds, Andrew Owen, said:

"There is a plan to establish a European-wide breeding population, which will act as an insurance, should the species continue to decline in the wild.

"We hope that these little ducklings and the expertise of Chester Zoo's bird keeping staff will play an important part in saving this species from extinction."

When old enough, the ducklings will join the breeding group in one of the zoo's wetland aviaries.



QUACKING NEWS!

Butterfly keeper Heather Prince holds one of the newly emerged Atlas Moths (*Attacus atlas*). With a wingspan of up to 30cm, it is the largest moth species in the world but despite their grandeur they only live for around one week.

IT'S ENORM-MOTH!

Fast Facts

- Atlas Moths are native to the tropical and subtropical forests of Southeast Asia.
- They are locally common, however they're currently in decline.
- They hold the record as the largest lepidopteran in the world - lepidoptera being the order to which all butterflies and moths belong. There is another moth species with a wingspan slightly bigger than the Atlas Moth, however the Atlas has a larger surface area.
- These moths lack fully formed mouth parts so therefore cannot feed. They rely on the fat reserves which they built up during their time as a caterpillar to get them through their brief life as an adult moth.
- The females are larger than the males but despite their massive wings they rarely fly. Instead the females prefer to climb to a suitable position, close to where they emerged, where they can release pheromones to attract a male from several kilometers away.



MAKING A DIFFERENCE AROUND THE WORLD

All the places we have ACTED FOR WILDLIFE in the last three months.



A focus on THE CHINA PROGRAMME

The forests of Sichuan in China are a hotspot for unique and threatened wildlife, from small birds such as the Omei Shan Liocichla to the iconic Giant Panda. The Sichuan Forest Biodiversity Project is a collaborative project between Chester Zoo, Sichuan Forestry Department and Liverpool John Moores University and for over 10 years, it has supported research and aided the development of four nature reserves within the region. Over that time there have been many success stories from the reserves and this year has been no exception.

In Laojunshan National Nature Reserve, forest camera traps have captured the first sightings of Asiatic Black Bears in the area for 10 years. Due to the lack of recent sightings,

it was believed that the bears had disappeared from the area, making these images an amazing find. Camera traps are extremely effective conservation tools and the team hopes to uncover more exciting findings in the future.

There has also been good news from the Mamize Nature Reserve which has received national recognition and having been awarded National Nature Reserve status. This is a positive move for the reserve which will provide higher levels of protection to the parks wildlife. To hear about a recent staff visit to the China Programme, see page 19.



© Laojunshan Nature Reserve

Fast Fact

China is home to more than 1200 species of bird and over 2300 different fishes.



© Frank Reiltrick

Check out who's been seen using our orangutan bridges in Borneo!

Thanks to our colleagues at Apenheul Zoo in the Netherlands we now have the first photographic evidence of our bridges being used in Kinabatangan region of Sabah, Malaysian Borneo. Last year Chester Zoo staff were involved in a fantastic collaborative project alongside HUTAN-Kinabatangan Orangutan Conservation Programme, Ropeskills Rigging Sdn Bhd, Danau Girang Field Centre and the Sabah Wildlife Department.

Staff helped to build bridges across river tributaries which re-connected fragmented patches of habitat where wildlife have become isolated due to deforestation.

These Pig-tailed Macaques were caught on camera using the orangutan bridges. Since these photographs were taken, we've also heard the fantastic news that orangutans have also been seen using them. We hope to bring you photographic evidence of this soon.

Fast Fact

In Sabah, Borneo over 35% of prime orangutan habitat has been lost in the last 30 years.

© KFI/Sabine Schoppe



PHILIPPINES PROGRAMME

After being discovered hidden inside a smuggler's bag in Hong Kong, 18 critically endangered Philippine Forest Turtles have been returned home to the Island of Palawan in the Philippines.

Wildlife trade is a big threat to these rare turtles, which were found alongside various other reptiles, including many lizards and snakes. The turtles were handed over to the Katala Foundation, one of our partners in our Philippines Programme. For the past few years we have been supporting Katala's Philippine Freshwater Turtle Conservation Project which is researching the ecology of this rare species, providing essential information to aid conservation efforts.

Once the rescued turtles are given a clean bill of health they will be released back into the wild. This is the first recovery of this species back into the Philippines and is a step in the right direction for this extremely threatened reptile.

Fast Fact

Four new species of crab have recently been discovered in the Philippines, including a bright purple species found on the Island of Palawan.

RICHARD HUGHES Scholarship 2012

The Richard Hughes Scholarship is a special award focused on supporting a person or organisation who is working to enhance the welfare and conservation of elephants. Over the past few years this award has been used to help 12 elephant projects in 10 countries. This year's scholarship has been awarded to the National Trust for Nature Conservation in Kathmandu, who are working to enhance the welfare of elephants in Nepalese zoos through increased documentation of husbandry practices and by facilitating information sharing between zoos.

RHINO PROGRAMME

You may remember the good news we had from our project partners in Sumatra who were excited about the pregnancy of Ratu, a critically endangered Sumatran Rhino. We can now report that Ratu has given a birth to a healthy baby boy, who has been named Andatu. This is fantastic news and represents a promising outlook for the future of this incredibly rare species. To find out more on our rhino conservation work, see page 12 and 13.

MEET CHESTER...

To mark the zoo's 10-year-long support for the Lowland Tapir Conservation Initiative, field researchers in Brazil have given a special name to one of their newly discovered tapirs. This large adult male is now known as Nelson 'Chester' and was spotted on a camera trap just a few days after he was fitted with a radio-collar. 'Chester' is part of a long-term research project which is working to promote the conservation of this species, listed as vulnerable on the IUCN/SSC Red List of Threatened Species, and will help conservationists understand more about tapir movement and behaviour.

© LTCI/Patricia Medici



GRANT SUPPORT

During the last quarter we've also supported a number of other projects around the world. These include:

AFRICA

Our project support ranges from sustainable community development as part of the Kibale Fuel Wood Project in Uganda to a study exploring the causes of human-predator conflicts on game farms in Botswana.

ASIA

Recent projects range from conservation breeding of the critically threatened Javan Green Magpie to sponsoring the assessment of habitat and population viability for Red Panda in Nepal. In Nepal, we are also supporting research into the distribution of Red Pandas in the western part of the country and a community project working to produce poison free zones for threatened vultures.

EUROPE

We are supporting a long-term project which is monitoring the predation of woodland birds by Edible Dormice during the breeding season in the United Kingdom.

NEWS ON CONSERVATION

FROM AROUND THE WORLD

We're taking a look at good and bad news from the past few months...

GOOD Once thought to be extinct, the Madagascan Pochard is one of the world's most endangered ducks. Recently the species has given a boost as 18 ducklings were born at a breeding facility in Madagascar, increasing the worldwide population to 60 birds.

BAD A new study has estimated the world's remaining rainforests are still threatened by human pressures. Scientists found that there has been a significant loss to wildlife populations in many forest reserves over the past 20-30 years, highlighting the importance of working with local communities to reduce human-wildlife conflicts within these parks.

JOIN US TO ACT FOR
WILDLIFE AND VISIT
www.actforwildlife.org.uk

STAFF GO WILD

We are Chester Zoo and we ACT FOR WILDLIFE.
Here's how...

INDIA

In July our Conservation Researcher, Sam Earle, travelled to our Assam Haathi Project to meet with staff working on the ground in India and see the difference the project is making to improve the livelihoods of villagers suffering from conflict with elephants. Sam was able to see how the field staff have implemented a range of sustainable development initiatives, including a cookstove project. The stoves have a special energy saving design meaning that less than half the firewood is needed and the food cooks faster. As a result, more forest habitat is left intact for elephants and other wildlife.

Initially the new stoves had a fabricated chimney, but unfortunately production of these ceased, causing a huge problem, as having no chimney meant the kitchen was full of smoke. However, the villagers got together to devise a way to make the chimney out of dried bamboo instead. The alternative chimney goes out through a hole in the wall and is proving very successful indeed.



Sam with villager Nagabil Sonitpur



Sam was on her first trip to India

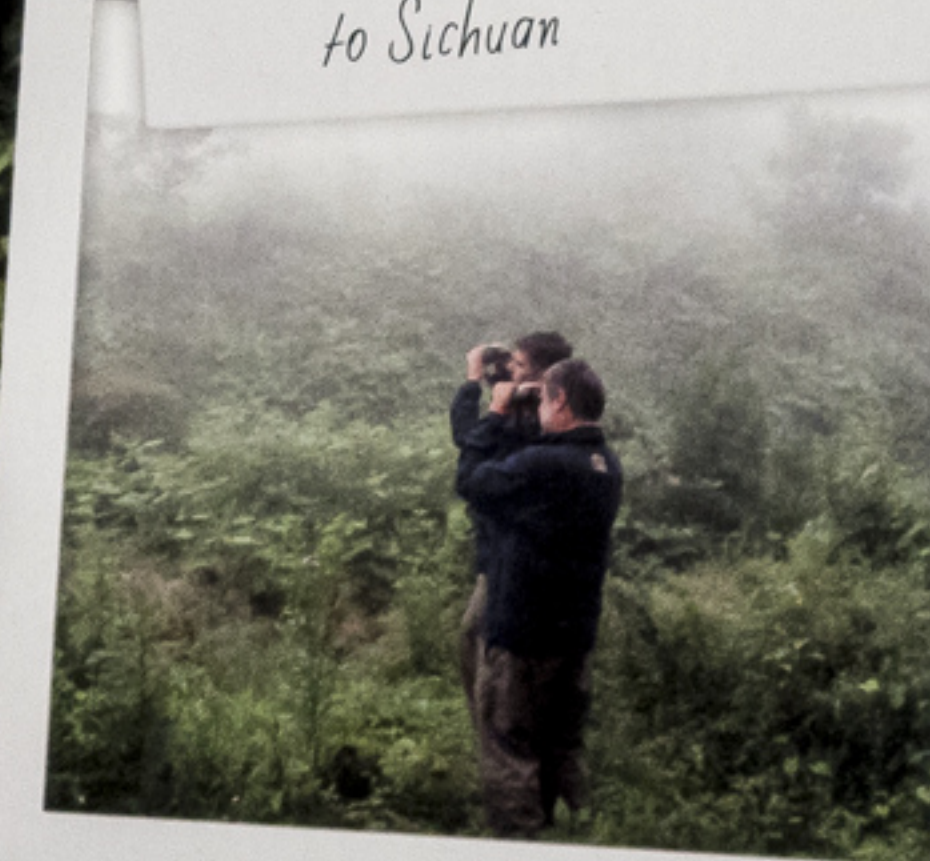
Stunning scenery: The beautiful nature reserve at Mamize, China



Blue-crowned Laughing Thrush



Roger and Simon travelled to Sichuan



Roger (front) and Simon bird watching in China

CHINA

The forests of China are an important area for many rare endemic bird species and are a key focus for Chester Zoo's China Programme. Our Head of Field Conservation and Research, Roger Wilkinson, is a keen bird enthusiast and during his trip to China in June, he visited a few of the known breeding sites for the critically endangered Blue-crowned Laughingthrush, a species we have been helping to protect for the past 11 years. Roger joined in monitoring activities at the sites as part of on-going research and also collected data that will be used to investigate patterns of geographical distribution for this bird species.

Whilst in China, Roger also travelled to Sichuan with Simon Dowell, from Liverpool John Moore's University, who is the Project Coordinator of the Sichuan Forest Biodiversity Project. They met with project partners and officials from nature reserves at Laojunshan and Mamize and with the Sichuan Forestry Department. These meetings provide an opportunity to get an update on the projects progress over the previous year and look at future developments for the region.

For more news on how we are making a difference in China see page 16



CELEBRATE *the* FESTIVE SEASON *with US this year*



See us in a whole new light

Let us light the way this Christmas with our magical lantern experience.

Take-in the amazing night time sounds of the zoo on a twinkling journey through our spectacular gardens, past our special life-sized animal lantern display.

Begin your journey in our workshop where we'll help your little ones to make their very own lantern; then collect a family-sized one to guide you on your way.

Explore Fruit Bat Forest and meet our friendly festive characters, before making a Christmas wish under the giant Cedar Wishing Tree. You'll even find Father Christmas.

There's also the chance to enjoy some delicious food, yummy hot chocolate and search for animal inspired gifts in our shop.

So join us this Christmas and let our Lantern Magic put the sparkle into your festive season.

Lantern Magic is at Chester Zoo every Saturday and Sunday in December, as well as Friday 14 and Friday 21 December. Lantern Magic is supported by AGA Chester.

★ PRIORITY BOOKING FOR MEMBERS ★

Places on Lantern Magic are limited but, as a member, you have the chance to book before anyone else. Plus, we have DISCOUNTED preview evenings taking place on 24/25 November.

Priority tickets for members go on sale one week before general sale so don't miss out. Be the first to secure your place by going to www.chesterzoo.org/priority or calling us on 01244 650 240. Lines open 10 September.

PRICES

	Adult 16+	Child 3-15 years	Toddler Under 3
Lantern Walk (Lantern admission and drink voucher)	£9.99	£8.99	FREE
Lantern Walk & Supper (Lantern admission, supper and drink voucher)	£14.99	£12.99	FREE
Zoo, Lantern Walk & Supper (Day zoo admission, lantern admission, supper and drink voucher)	£24.99	£19.99	FREE

☆ CHRISTMAS GIFTS ☆

If you are looking for something different to pop under the Christmas tree this year then we have some inspirational gifts.

☆ BUY MEMBERSHIP

You'll already know the benefits of Chester Zoo membership so why not treat someone special to a membership gift this year. They'll get all of the same fabulous benefits so you'll be able to visit together, as many times as you like.

☆ ADOPT AN ANIMAL

Adopting one of our animals is a brilliant way to support our work at the zoo and a perfect gift.

Find out more about buying membership or an animal adoption as a gift by dropping in to talk to the friendly team in the Membership & Adoptions office or by visiting chesterzoo.org/support-us



☆ CHESTER ZOO EXPERIENCES

Give someone the opportunity to get up close to their favourite animal with a special animal experience. Whether they prefer the meerkats, rhinos, penguins, lemurs or giraffes we can guarantee an experience they'll never forget.



EAT, DRINK *and* BE MERRY

From Monday 10 December we'll be serving a delicious Christmas carvery in Café Bembe and mouthwatering festive treats in the Dessert Store.

From turkey with all the trimmings to crepes with Christmas pudding ice-cream - how can you resist?

Carvery lunch from £7.99

Desserts from £2.50



Would you like to

ACT FOR WILDLIFE

this Christmas?

At Chester Zoo we Act for Wildlife by supporting conservation projects in the UK and overseas. From as little as £3 you can give a gift that will help our work.

Just go to actforwildlife.org.uk to buy your Christmas Gift and to support our conservation projects in the UK and overseas

£3 BRING LIGHT TO A FAMILY IN INDIA



For just £3 we can help to keep a family in Assam safe from elephant damage after dark by providing electric lighting in their home.

£5 A UK COUNTRYSIDE OF COLOUR

Your gift will support the planting and protection of wildflowers, ensuring our UK wildlife will remain bright and blooming in the future.

£10 REBUILDING HOMES FOR ORANGUTANS



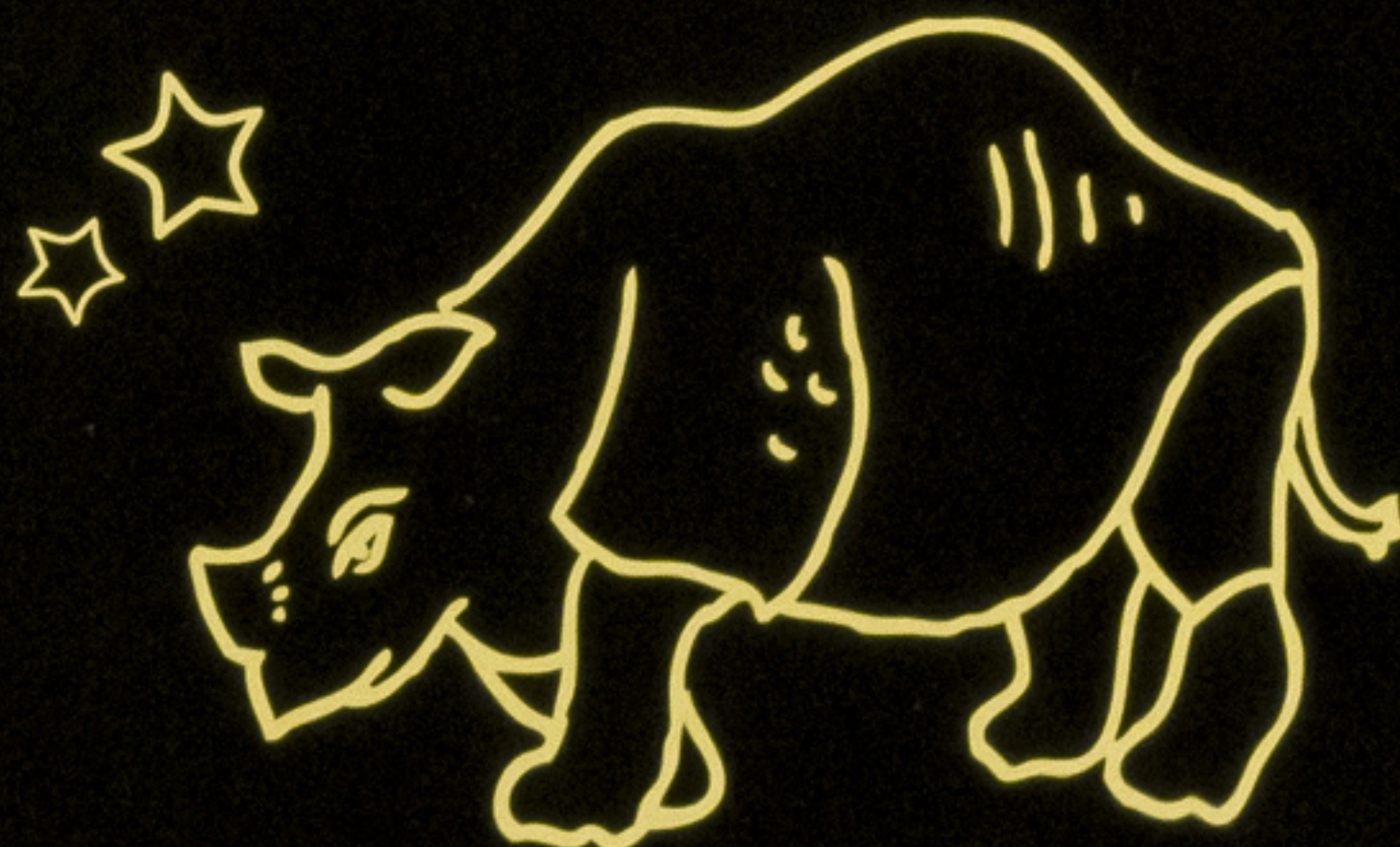
Just £10 will help to replant trees in Borneo, improving habitats for orangutans to thrive.

£20 KEEP RHINOS SAFE IN AFRICA

The increase in poaching throughout Africa is a constant threat to the survival of rhinos in the wild. Your gift will enable us to provide vital fencing and lookout towers at our projects in Kenya and Tanzania, helping to protect the endangered population of rhinos living there.

£30 KEEPING LIVELIHOODS BUZZING

By providing beehives to families in China we are gifting them a livelihood. Your donation will help both the people and the wildlife of China have a bright and buzzing future.



CHESTER ZOO 100 CLUB

The winners of the prize draws, held recently, were:

April 2012

£100..... Ms Caroline Laing, Wirral
 £100..... Mrs Catherine McGarva, Chester
 £50 Mr W Ulyatt, Sheffield
 £50 Mr M A Shepherd, Wirral
 £50 Mrs Barbara Jarvis-Watson, Welshpool

May 2012

£100..... Mrs Ruth Fitzpatrick, Wirral
 £100..... Miss Elizabeth Scott, Chester
 £50 Mr Frank Griffies, Malpas
 £50 Mr Andrew Davies, Shropshire
 £50 Mrs Susan Ann Davies, East Yorkshire
 £50 Mr Anthony Hibbert, Chester

June 2012

£1000 Dr Peter Duggleby, Wirral
 £100..... Mr Gordon Weston, Mold
 £50 Mrs Tracey Jones, Deeside
 £50 Mr M Batchelor, Wilmslow
 £50 Mrs Susan Ann Davies, East Yorkshire

Membership of the 100 Club is still invited. All prize winners will be notified by post and will be listed in the next edition of Z. Please inform us as soon as possible if you change address.

If you wish to participate, please contact the Development Office on 01244 650 229.

PLAN FOR THE FUTURE *with* CHESTER ZOO'S MAKE A WILL WEEK

Within this issue you should find a leaflet on Chester Zoo's **Make a Will Week** event. From **1st to 5th October 2012**, our participating solicitors have kindly agreed to give their time to provide a **free** standard will for our supporters. All we ask is that the will-maker intends to make a donation to Chester Zoo (registered charity 306077) when attending the appointment. For more information and a list of participating solicitors please visit www.chesterzoo.org/makeawill or contact **Lynsey Jones** on **01244 650 292**.



BMW

Halliwell Jones



The Ultimate Driving Machine

AN INNOVATIVE CAR DESERVES FINANCE TO MATCH.

Introducing the BMW 1 Series Sports Hatch. With its TwinPower Turbo Engines and outstanding driving dynamics, it is every inch the Ultimate Driving Machine. With finance agreements that can be tailored to suit your requirements; you choose your deposit and repayment period and, thanks to the optional final payment, what you pay every month could not be more reasonable.

BMW Select Representative Example for a BMW 114i SE 5-door

Term of agreement	47 monthly payments	On the road cash price*	Customer deposit	Dealer deposit contribution	Total deposit	Total amount of credit	Credit arrangement fee	Option to purchase fee^	Optional final payment	Total amount payable	Rate of
48 months	£230.00	£18,544.00	£2,000.00	£500.72	£2,500.72	£16,043.28	£0.00	£10.00	£7,501.43	£20,812.15	4.9% Fixed

Representative 4.9% APR

Halliwell Jones Chester

Sealand Road, Chester, CH1 4LS.

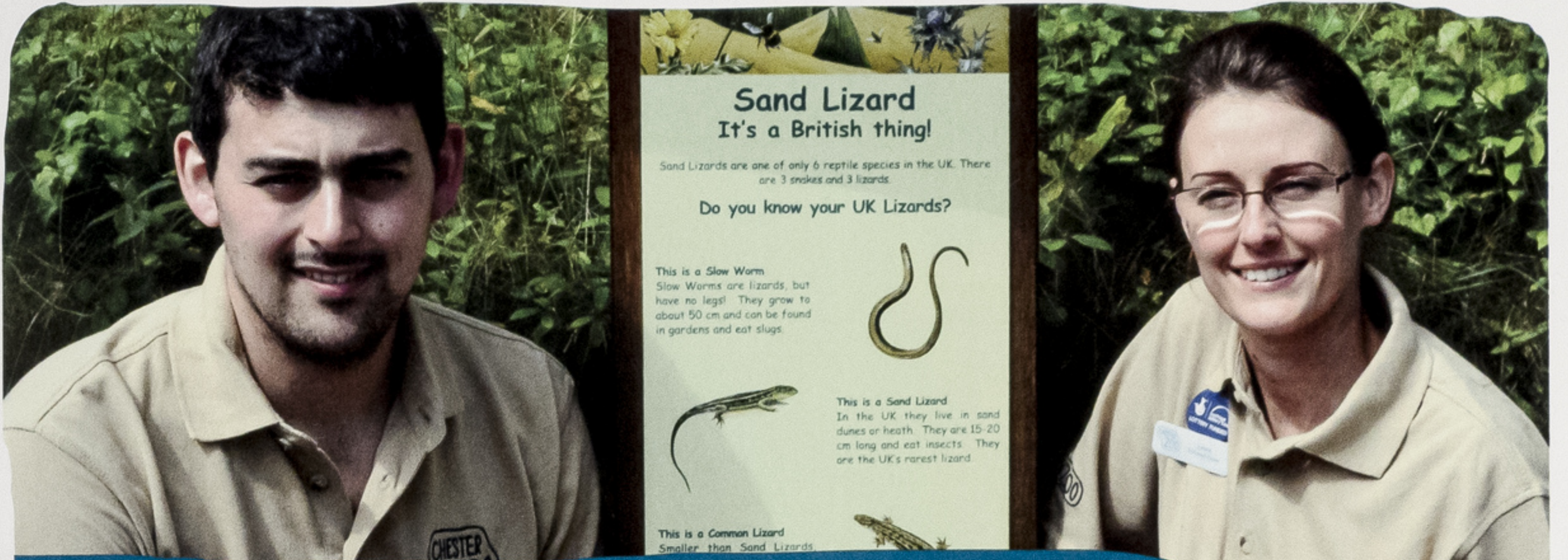
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Official fuel economy figures for the BMW 1 Series 5-door Sports Hatch range: Extra Urban 52.3-83.1mpg (5.4-3.4l/100km). Urban 32.8-62.4mpg (8.6-4.4l/100km). Combined 42.8-74.3mpg (6.6-3.8l/100km). CO2 emissions 154-99g/km.

Finance example is based on a BMW Select agreement for a BMW 114i SE 5dr with a contract mileage of 32,000 and an excess mileage charge of 4.84p (per mile). ^Option to purchase fee and optional final payment payable at the end of the agreement if you decide to purchase the vehicle. Excess mileage charges and vehicle condition charges may be payable if you return the vehicle. *On the road cash price includes 12 months road fund licence, vehicle first registration fee, delivery, number plates and VAT. Figures are correct at time of going to print and are subject to change without notice. All finance is subject to status and available to over 18s in the UK only (excluding the Channel Islands). Guarantees and indemnities may be required. We can arrange finance for you. Advertised finance is provided by BMW Financial Services (BMW FS). Whilst we have close links with BMW FS and commonly introduce customers to BMW FS, we do not work exclusively with BMW FS. BMW EfficientDynamics reduces BMW emissions without compromising performance developments and is standard across the model range.



Zoo wins the lottery...again!

Biodiversity Trainees Ken Howman and Laura Price

Chester Zoo is delighted to have been awarded a grant increase from Heritage Lottery Fund for the successful Biodiversity Trainees project. Aimed at creating wildlife conservationists for the future, the project promotes conservation of UK wildlife heritage through development of practical skills and work experience.

Trainees spend a whole year working with Chester Zoo and partners Cheshire Wildlife Trust and RECORD, Cheshire's local biological records centre. Each trainee builds a 'conservation toolkit' of skills and experience, including guidance to help them find employment in the environment sector in the future.

The original funding delivered eight placements over a four year period. This increased grant, will enable us to train four additional

people, which is great news given the huge number of applicants we get for these posts.

The Biodiversity Trainees project is possible thanks to a grant from the Heritage Lottery Fund (HLF) under its Skills for the Future programme.

Chester Zoo's Biodiversity Officer, Sarah Bird, said: "Securing this extra funding means we can have a greater conservation impact, which is what the zoo is all about. It will have superb benefits for conservation by increasing the capacity for working with and promoting UK wildlife."



Saturday 29th September 2012

RUN for the WILD

CHESTER ZOO'S  FAMILY FUN RUN

RUN FOR THE WILD and help raise vital funds for Chester Zoo's Black Rhino Conservation Programme.

Our **FAMILY FUN RUN** will take you past some of the *rarest* and *most endangered* species in the world and is open to runners and walkers of all abilities.

Entry costs
£10 for adults and
£5 for children.

To get involved visit our Guest Services Pavilion, call 01244 650 240 or visit www.chesterzoo.org/run

ZOO TALK

TALKING CONSERVATION Autumn 2012 Programme

Our spring and summer programmes have been really popular this year. It has been great to welcome so many members to the talks and to give you more of an insight into our behind the scenes work. Our keepers are passionate about their animal husbandry and they love chatting to members about their work and the species in their care. And we know that you like to hear about it! We'll bring you more keepers' talks in coming programmes, but we have an exciting Autumn 2012 Programme lined up for you in the meantime.

Two of our talks are given by our Director General, Mark Pilgrim, who knows all about zoo keeping, having started his career at Chester Zoo some years ago as a parrot keeper! This year, Mark has visited Tanzania and Nigeria and will bring you first hand updates on the work being done there. Elsewhere, our Act for Wildlife talk was popular last year and it's always great to welcome our Development Director, Simon Mann, to give us an overview of the forthcoming development plans for the zoo.

Bookings have already been taken for all the talks – so don't forget to reserve your seat (details below.)

Members' talks are held in the Geraldine Russell Lecture Theatre (near the zoo's Diamond Jubilee Quarter, off the A41).

- They are FREE to members (please bring your membership card and welcome letter)
- We offer a special rate of £2.00 to animal adopters
- The public and guests are welcome (£3.50 for non-members)
- Our Lecture Theatre seats up to 170. We recommend booking in advance to secure your place
- Post-talk refreshments give you the opportunity to have an informal chat with speakers, staff and fellow members

Interested in attending? Please call **Kate Brankin** on **01244 389444** or email k.brankin@chesterzoo.org to book.

Thursday 13 September at 19:30

Conserving the Black Rhino in Eastern Africa

Mark Pilgrim

We support a number of Black Rhino projects in Kenya and Tanzania. Mark will bring you up to date with our work in the field, in particular looking at Mark's visit to Mkomazi in 2012, and will bring you the latest news of the Rhinos at the zoo.

Mark Pilgrim is the zoo's Director General

Wednesday 17 October at 19:30

Act for Wildlife 2012

With members of the Act for Wildlife Team: **Cat Barton, Maggie Esson, Scott Wilson, Roger Wilkinson**

This unique members' talk will give you the chance to find out more about five of the Act for Wildlife projects and vote for which one you think should receive the proceeds from money raised on the evening.

Members' talks are usually free to members and zoo staff and £3.50 for guests. For this talk we would kindly ask that everyone attending makes a discretionary donation towards Act for Wildlife. Don't forget to contact Kate (details in the purple box) to book your place as Act for Wildlife talks are extremely popular.

Wednesday 7 November at 19:30

Gashaka Gumti National Park and Primate Project, Nigeria

Mark Pilgrim, Scott Wilson

Chester Zoo has supported a project, which promotes research into the fauna and flora of Gashaka, continuously since 1999. This support helps to conserve the amazing biodiversity of the region. Mark and Scott will bring you up to date with the zoo's work in Nigeria and with the Primate Project.

Scott Wilson is our Conservation Officer

WE'RE ON A BOOKWORM HUNT!

Are you interested in the zoo library? Do you have a few hours to spare each fortnight?

We're hunting for volunteers to enable us to keep the zoo library open to members, staff and students for a maximum of four hours each weekday between 11:00 and 15:00. We're looking for a year round commitment from each volunteer of four hours twice a month to be a 'presence' in the library.

The tasks would involve helping library visitors with queries about locating books, keeping the library and its shelves tidy, filing, cash-handling of small amounts associated with the use of the photocopier and possibly some cataloguing.

No previous experience is required as training will be given and the education staff will always be on-hand to help out with any queries or problems.

The library has a reference-only, specialist collection of zoological books, journals and papers and has three workstations and to encourage full use of this fantastic resource, we are looking for regular, reliable and committed volunteers who have a genuine interest in this educational aspect of the zoo. We are very happy for volunteers to work in pairs and there will be the opportunity to read up on your favourite animal and plant species!

If you're interested, please contact **Kate Brankin**, Discovery and Learning Divisional Secretary, at k.brankin@chesterzoo.org or by phone on **01244 389444** to obtain an application form. The closing date for applications is **Monday 24th September 2012**.

Wednesday 12 December at 19:30

The Road to Islands and Other Developments

Simon Mann

Simon will review some of the major achievements in 2012, including the new main entrance, Giant Otter underwater viewing and Spirit of the Jaguar remodelling, as well as sharing development plans for 2013, including the commencement of works to deliver the exciting Islands scheme, showcasing Southeast Asian biodiversity.

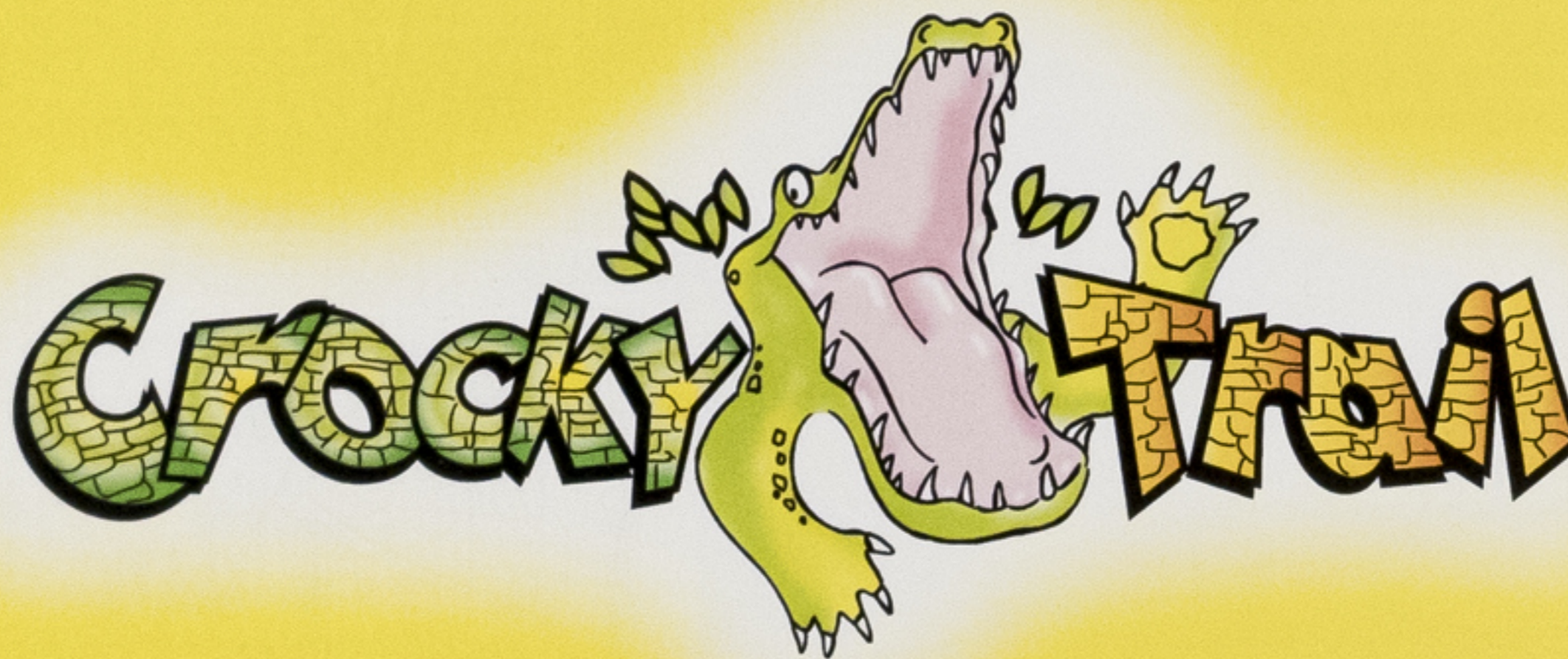
Simon Mann initially studied as an architect before completing a degree in construction management. He worked for a number of regional and national building contractors as a design and build manager on projects across the UK. In 1997 Simon moved to project management consultancy, initially working for a specialist London based practice on a series of high profile projects including the BBC Broadcasting House re-development in Central London.

In 2003 he joined the largest UK PM consultancy and as a Director helped to develop the regional business within the North West. Simon first worked for Chester Zoo as Interim Development Director for Natural Vision in 2008 before taking up the permanent role of Development Director in March 2009.



**10% off standard admission to
Crocky Trail for all Chester Zoo
members for the rest of the year!***

Please note that after the 5th of November, Crocky Trail is only open at weekends and during school holidays.



Crocky Trail, Cotton Abbots, Guy Lane, Waverton, Chester, Cheshire, CH3 7PH. Tel: 01244 336161

* Offer ends 31st of December 2012. Chester Zoo membership card must be shown to benefit from this offer. Check with Crocky Trail for opening times.

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2 for 1* offer
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A world famous ferry.... THE way to see Liverpool

Hop aboard one of the daily River Explorer Cruises for stunning views, fascinating history and unlimited sea air. Then stop off at Spaceport for an interactive journey through the universe including the Wallace & Gromit in Space exhibition. Visit merseyferries.co.uk for more details.

*Offer is valid from 10th September to 14th October 2012 and applies to River Explorer Cruise & Spaceport combination tickets only. Chester Zoo members must show their membership card when purchasing tickets to gain the offer. This promotion is not valid with any other offer.

The species at Chester Zoo making BIAZA's top ten most reliant on zoos are:

1 MOUNTAIN CHICKEN

One of the world's largest species of frog and critically endangered.

2 BLUE-CROWNED LAUGHINGTHRUSH

Only 250 mature birds of this Chinese species are left in the wild.

3 POLYNESIAN TREE SNAIL

Eleven species of Polynesian tree snail are extinct in the wild.

4 PLOUGHSHARE TORTOISE

One of the most threatened and sought after reptiles in the illegal pet trade.

5 SCIMITAR-HORNED ORYX

This antelope is extinct in the wild and dependent on captive breeding.



NOT AS DEAD as a DODO

Chester Zoo is currently working with five out of the top 10 species surviving only because of zoos, according to a new report.

If only zoos had existed in the time of the dodo, it may not be extinct today.

Good zoos are powerful forces for conservation and some of the world's most extraordinary and most threatened species would not be surviving without them.

The British and Irish Association for Zoos and Aquariums (BIAZA), which promotes the values of good zoos and aquariums, has compiled a list of the top ten species most reliant on zoos in the UK and Ireland.

And Chester Zoo is home to five of the top 10.

Animals on the very brink of extinction including a snail, an antelope and an oddly named frog, have all made it onto the list, highlighting some of the best examples of how Chester Zoo is safeguarding the future of our planet's wildlife and their habitats.

Our Conservation Officer, Scott Wilson, said:

"The dodo is the most famous example of how humans have contributed to wildlife extinction and if we had our time again I'd like to think that we could have saved it.

"BIAZA's list highlights ten very real examples of how zoos are working to save these and many other species from extinction and we're working directly with five of them. Without us doing this vital conservation and breeding work, many 'at risk' species such as these may be lost to extinction forever.

"We can't and won't stand by and let that happen."

Dr Andrew Marshall, a member of BIAZA's Field Programmes Committee, who co-ordinated the compilation of the list with input from conservation experts based at BIAZA zoos, added:

"Drawing up the shortlist was not straightforward because there were hundreds of zoo-funded conservation projects to choose from; however we put

together strict criteria and we hope our final shortlist will draw attention to just how important the work of zoos is."

The criteria for selecting the top ten included choosing species associated with ongoing field initiatives by zoos. Particular importance was given to initiatives which included a management role, rather than just providing funds. Species chosen are currently listed as endangered, critically endangered or extinct in the wild on the International Union for the Conservation of Nature's (IUCN) Red List of Threatened Species. Priority was also given to species conservation projects that include habitat protection, education and/or livelihood development.

The top ten list of species most reliant on zoos underlines the importance of zoos not only in captive breeding for reserve populations and reintroductions, but in the role they play in conservation in the wild from fund-raising to research, education and support for local communities, as well as wildlife habitats.



**ACT FOR
WILDLIFE**

Chester Zoo, Upton-by-Chester, Chester, CH2 1LH
Tel. 01244 380280. Fax. 01244 371273 Email: info@chesterzoo.org Web: www.chesterzoo.org

Founded in 1934, the North of England Zoological Society is a registered charity. We need your help and support to raise funds for the care and conservation of rare and endangered animals both in the zoo and across the world. Registered charity No. 306077.