

A black bear cub is climbing a tree trunk in a forest. The cub is positioned on the left side of the frame, facing right. It has black fur with a light-colored patch on its chest. The tree trunk is light brown and has several horizontal branches. The background is a dense forest of green foliage.

ACTION FOR THE WILD

Charity number 1105621

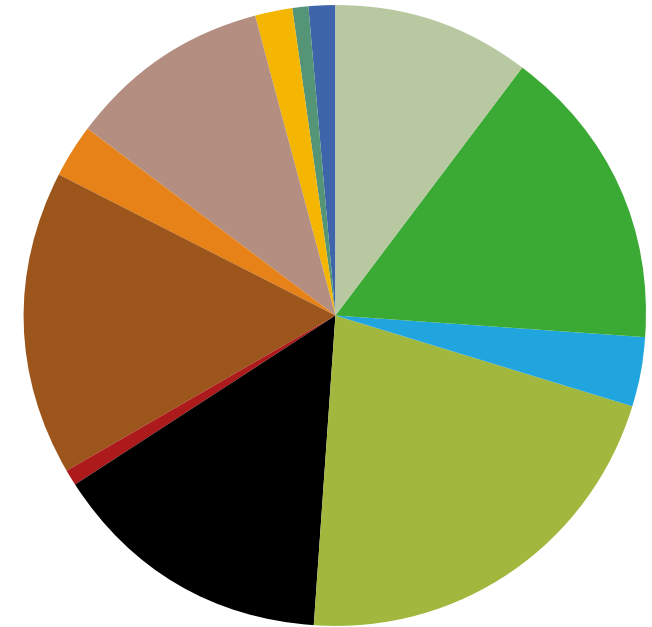
ANNUAL REPORT 2023

FUNDING TO COLCHESTER ZOO'S ACTION FOR THE WILD PROJECTS

Action for the Wild provides both financial and technical assistance to global conservation projects, aims to raise awareness among local people in community conservation programmes and supports conservation research. The money Action for the Wild receives is split every year between the numerous projects our charity supports.

In 2023, £447,013.17 was given to the UmPhafa Private Nature Reserve

and the remaining funds were distributed as follows:



- The Centre de Rehabilitation des Primates de Lwiro - £4,858.50
- Free the Bears - £7,500
- AEECL Lemur Conservation - £1,768.50
- Elephant Orphanage Project - £10,000
- Save the Rhino International - £7,068.04
- Red Panda Network - £219.80
- Orangutan Foundation - £7,500
- Komodo Survival Program - £1,318.57
- VulPro - £4,994.22
- E.A.Z.A Elephant TAG (EEHV) Fund - £906.70
- Galapagos Conservation Trust - £373.62
- Ghostfishing UK - £613.62

**ACTION
FOR THE
WILD**

Charity No. 1105621



In 2023,
Action for the Wild
gave a contribution of
£447,013.17

to ensure the continued running of the Reserve; from employing field rangers, maintenance and intern staff, to ensuring continued protection of our wildlife species, as well as giving the opportunity for interns to be educated about life on a reserve.

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 **UMPHAFA**
Private Nature Reserve

UMPHAFA

Private Nature Reserve

Colchester Zoo and Action for the Wild purchased land to form the UmPhafa Private Nature Reserve in 2005. We have since been working to rehabilitate the land and recreate the historical animal populations on the Reserve.

2023 GAME COUNT OF VISIBLE SPECIES

Blesbok	44	Mountain Reedbuck	17
Common Reedbuck	10	Nyala	50
Duiker	33	Red Hartebeest	57
Eland	112	Warthog	212
Giraffe	40	Waterbuck	66
Impala	360	Wildebeest	351
Kudu	323	Zebra	551

NEW SPECIES RECORDED FOR THE YEAR INCLUDE

Mammals: Buffalo and Aardwolf
Birds: Grey-headed Kingfisher, Sentinel Rock Thrush
Insects: Stink Bug
Reptiles: Short -Snouted Grass Snake
Amphibians: Tremelo Sand Frog

We hosted 53 interns this year, including Writtle University College, University of Suffolk and East Coast College.

Poaching continues to be an issue, but thankfully at a lower level than 2022, with a total of 105m of fence stolen, 149 animals taken, 28 incursion attempts and 66 instances of trespassing by poachers, with or without dogs, in 2023.

Despite having an increase in figures last year of 500 animals on the Reserve, we have dropped this year by 400 animals. We know this is partly due to losing a lot of the elderly, sick animals in the 4th quarter; with little rain there was not much nourishment as the rains were delayed, only starting properly in November.

In 2024, the team shall again be hosting interns to help with the Reserve management tasks and will continue to focus their efforts on protecting species, bringing in new animal genes and releasing cheetah onto the Reserve; a first release of this species!



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UMPHAFA
Private Nature Reserve

KEY EVENTS ON THE RESERVE

January 2023

- The blue cranes were spotted with one chick on Ithala.
- A leopard was captured in the community and taken to Phinda and we met with locals in the community to discuss cheetah and buffalo introductions.

February 2023

- The first case of Foot & Mouth was discovered in Colenso.
- We received the Esri license for free for the Ceres animal tags.
- Several grey crowned cranes were observed on the rye field performing their dances.
- Tropical Cyclone Freddy damaged the ranger's tent on Ithala and a tree fell down on the roof of the ranger's bathroom.

March 2023

- An adequate fence enclosure certificate was finally received.
- A meeting took place where the introduction of cheetah and buffalo was signed off.
- 3 wild dogs left to go to Pongola to be bonded with 2 females after being in the boma for 87 days.

April 2023

- Wildlife Protection Services donated 3 solar camera traps.

May 2023

- The State Vet came to check the buffalo fences in order for us to get the buffalo permit.

July 2023

- The Giraffe Conservation Foundation joined us for a few days to take DNA samples from our giraffe to establish the sub species. A report of the findings is expected in 2024.
- We joined the Cheetah Advisory Committee to chat all things cheetah for the first time.
- We were joined by Panthera who installed 12 trail cameras to try to establish the leopard corridor between Weenan, UmPhafa, Tugela Game Ranch and Zingela. Several pictures of leopards, including a female with 2 cubs, around the boma area have been collected and a report is to follow in 2024.
- Transnet Pipeline Security group came to do a demo on the use of their thermal drone which they use to check for poachers along their oil pipeline. We have an arrangement where they will help with poaching incidents along the N3 or even inside the Reserve if required.



KEY EVENTS ON THE RESERVE

August 2023

- A solar camera trap was taken by poachers, despite being attached to a tree – Douglas from the Maintenance team designed and built metal cages for all our camera traps which are now chained to trees making them more difficult to remove.
- Work started on dismantling the old N3 ranger outpost damaged by Tropical Cyclone Freddy in February.

September 2023

- Potentially 2 secretary birds were spotted nesting and we counted 6 new giraffe babies.
- An aerial game count was completed.
- We purchased buffalo to populate the Reserve.

October 2023

- Panthera came to remove the camera traps that were put up in July.
- The Cheetah Advisory Committee joined us to inspect UmPhafa so that they can give support to our cheetah permit.
- Our 5-year cheetah management plan was completed and sent to the permits office.
- Firearm training was started by Reserve Manager, Anthony, and Maintenance Manager, Mark, ready for the actual training and practical assessments later in the month – this consisted of 3 theory papers and 2 practical assessments. Also training on buffalo and birds was carried out.
- 2 new rangers started, Thabani and Nkosinathi, and ranger Zwelisha left.

November 2023

- The 16 African buffalo purchased in September arrived on the Reserve – 4 males, 12 females.
- Interns on the Reserve built owl nesting boxes.

December 2023

- A leopard was captured in the community and taken to Dinokeng Reserve near Pretoria.
- Female leopard Chewy was spotted with 2 new cubs.
- The N3 outpost is almost complete, but is able to be used over Christmas.

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 **UMPHAFa**
Private Nature Reserve

CENTRE DE RÉHABILITATION DES PRIMATES DE LWIRO

The Lwiro Primates Rehabilitation Centre (LPRC) plays a vital role in caring for confiscated wildlife and in working to stop the illegal animal trade in the Democratic Republic of the Congo (DRC).

It is the only chimpanzee and monkey sanctuary currently accepting all kinds of confiscated wildlife in DRC, thus acts as a crucial resource for all conservation organisations working in the country.

2023

In 2023, 12 chimpanzees were confiscated and brought to Lwiro, one more than 2022.

At the end of 2023, LPRC housed 129 chimpanzees and 111 monkeys of 14 different species.

During 2023, 6 monkeys were rescued. Currently 55 Congolese workers are assigned full-time to LPRC.

In 2023,
Action for the Wild
gave a contribution of
£4,858.50

towards the purchase of food to feed the apes and monkeys at LPRC. All the products are purchased locally in markets, supporting local economy as a benefit from wildlife conservation.

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FREE THE BEARS

Free the Bears (FTB) is working to protect, preserve and enrich the lives of bears throughout the world by offering a safe sanctuary for bears rescued from the illegal wildlife trade.

2023

In 2023, 9 moon bears were rescued, including the smallest cub rescued since 2017 at just a few months old, and two young bears found loose in urban centres who had likely escaped captors during or after being sold or smuggled.

The newly-completed quarantine house, double the size of the previous one, was put into use for its first resident in September.

Newly-arrived cubs are now living in the stage 1 pre-release house. This involves a different method of care with minimal exposure to humans as part of a long-term plan to test the facilities and procedures to release suitable bear candidates to protected areas identified as having depleted bear populations (although these cubs are unlikely to be release candidates).

The pre-release stage 2 facility is also occupied by two bears, with minimal to no human exposure, covering a large patch of semi-wild forest to enable them to learn about living in the wild whilst being closely monitored.

In 2023, construction work commenced on bear houses 8 and 9 and an education facility. The stage 1 cub nursery was renovated with water management facilities and restrooms added, new solar powered security lighting installed throughout the sanctuary and storm damage repaired.

In 2023,
Action for the Wild
gave a contribution of

£7,500

with £5,000 towards
an ultra-low temperature
freezer and £2,500 towards
employing a Lao veterinarian
for laboratory and research
work in Free the Bears' fully
equipped veterinary
hospital.



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LEMUR CONSERVATION ASSOCIATION (AEECL)

The AEECL aims to advance the understanding and conservation of Madagascar's lemur populations through scientific research, captive propagation and protection of their natural habitat.

Investment in local communities through education, resource management and communication helps ensure the communities of today can forge a safe haven for wildlife tomorrow.

2023

- AEECL subsidised 78 teacher wages from 3 communes to ensure they are earning a salary whilst teaching the children good skills, including nature-based studies.
- AEECL supported full scholarships for 5 students, which included university fees, school materials, home rent and electricity and participation in AEECL's activities.
- AEECL funded and supported the work of several masters degree students, through technical, financial, organisational and administration tasks. The students interviewed local people in surrounding villages and communities and collected faecal matter from blue-eyed black lemurs to examine it for parasites.
- AEECL attended an event to work on the reforestation of mangroves and donated to support the reforestation efforts.
- Ongoing training was conducted for rangers and guides focusing on lemur surveying and the use of GPS equipment. This training is vital to ensure the rangers are accurately looking at the state of the forests and the lemur populations that inhabit it so they can continue to monitor the lemur populations and any threats to the forest ecosystem.
- AEECL helped to run a firebreak event where local villagers came together to maintain and create firebreaks around the forest. This is essential to protect the forests from fire damage that can devastate large areas of land quickly and is a major threat to lemur survival; 7km of firebreaks were cleared with 544 participants during the three days.
- AEECL helped to plant 7,000 seedlings in two nurseries situated in two villages, which will eventually be planted out in the deforested areas. By helping connect up fragmented sections of the forest, animal movements will hopefully improve in the long term.

In 2023,
Action for the Wild
gave its
£1,768.50
membership fee
to support the work
of AEECL.



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ELEPHANT ORPHANAGE PROJECT

The Elephant Orphanage Project (EOP) is working to rescue, rehabilitate and release elephants that have been orphaned as a direct result of poaching.

2023

At the end of 2023, a total of 28 orphans were under the Elephant Orphanage Project's care or monitoring, spanning the six stages of release:

- 6 elephants in Stage 1 in rehabilitation at the Lilayi Elephant Nursery.
- 10 elephants in Stage 3 at the Kafue Release Facility in the protective boma overnight.
- 6 elephants at Stage 5 spending nights outside the boma and spending less than 50% of their time with the orphan herd.
- 6 elephants living full time in the wild.

2023 saw two of the elephants reached major milestones, with Mphamvu and Musolole taking the next step in their release journey by leaving the release facility and joining the Stage 5 elephants that are free-roaming in the park.

Elephant Musolole then joined a known collared wild elephant herd and travelled to the south-eastern part of Kafue National Park near the park borders. He is the only orphan to have covered such a significant distance since the start of the project and roamed over 100km from the release facility.

A male orphan, Batoka, made a surprise guest appearance when he re-joined the release herd on 6th December, having last joined back in April 2022. In the last quarter of 2023, he covered a record distance of 1,227km!

The Stage 5 orphans, known as Chamma's herd, continue to demonstrate an increased understanding of the landscape, which has yielded a decrease in their home range as their knowledge of nearby required resources has increased. They also demonstrate good predator awareness of lions, coinciding with night movements in dense areas and day movements in less dense areas.

In 2023,
Action for the Wild
gave a contribution of

£10,000

to help provide food and medical treatment for the orphans and to support the wage of one of the elephant caregivers, Aaron, who has worked at the project since 2012.

**ACTION
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SAVE THE RHINO INTERNATIONAL

In 2023,
Action for the Wild
gave a contribution of
£7,068.04
to assist with the
maintenance and
repair of reserve
vehicles.

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Sadly, national parks in South Africa's KwaZulu-Natal Province (KZN) were hit hard by rhino poaching gangs in 2023. The majority of these devastating poaching incidents have been recorded in Hluhluwe-Imfolozi National Park (HiP), an important stronghold for black and white rhinoceroses.

Park rangers are on the frontline in their role to ensure the integrity of conservation areas and the safety of rhinos within these landscapes. Throughout 2023, law enforcement staff have been constantly working to stop poaching gangs and the K9 unit has been involved in reactions and deployments, following the tracks of suspects and even assisting in arrests.

The Reserve's vehicle fleet is one of the most important and critical law enforcement tools in the park. It enables law enforcement staff to respond swiftly to poaching, animal breakouts and other deployments. The fleet requires good servicing and repairs to ensure its effectiveness for monitoring along the fence lines of the Reserve and other duties.

2023

Funding was provided to purchase equipment, such as high lift jacks, to enable staff to change tyres quickly and efficiently in rugged and uneven terrain during law enforcement operations and deployments.

Funding was provided to purchase mobile air compressors for each vehicle to allow staff to inflate tyres in the field, enabling them to self-extract from field positions, should they get a puncture or require air, without needing to call on additional resources for help. They will also allow for the decompression of tyres when driving through soft sand, such as on riverbanks, and recompression thereafter.

Vehicles are utilised in the field constantly and are subject to wear and tear on the seats, from sharp objects and similar. Seat covers offer the vehicle better protection and save on future costs of badly damaged chairs. Having a canvas canopy is important for staff if it rains, providing protection from the elements, and for allowing staff to conceal equipment when deploying to hotspots so it is more difficult for others to see if field ranger units are camping in the field.

RED PANDA NETWORK

Forest Guardian Sponsorship Scheme

The Red Panda Network is committed to the conservation of wild red pandas and their habitat through the education and empowerment of local communities.

This project involves a community-based conservation approach working in community forests across Nepal.

The forest guardian team has grown to over 100 members and, since 2014, Action for the Wild has worked with other European zoos to sponsor a number of forest guardians.

The funds are used for capacity and skill-building training, supporting children and siblings with education scholarships, distributing improved cooking stoves, and providing guardians with field gear and monitoring equipment.

All forest guardians receive training on community-based red panda monitoring and anti-poaching patrolling, which includes training on camera trap handling, installation, and data management, to enable them to monitor their red panda monitoring blocks on a quarterly basis, conduct bi-annual anti-poaching patrolling, install camera traps and establish new monitoring blocks.

This support benefits not only the red pandas, but provides employment and development within the local community, giving them a sense of pride in protecting this endangered species, with income generated from sustainable means.

In 2023,
Action for the Wild
gave a contribution of

£219.80

to help sponsor a forest
guardian to monitor
and protect red panda habitat,
as well as educate
communities on the
importance of the
red panda.



**RED PANDA
NETWORK**

**ACTION
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Charity No. 1105621

ORANGUTAN FOUNDATION

The Orangutan Foundation is working to save orangutans by protecting their tropical forest habitat, working with local communities, and promoting research and education.

The Orangutan Foundation operates five orangutan post-release monitoring camps within the Lamandau Wildlife Reserve, a reserve spanning almost 160,000 acres in Indonesian Borneo. At these camps, field teams care for orphaned orangutans in a soft-release programme and continuously monitor orangutans in the surrounding forest.

The young orangutans in the soft-release programme learn forest skills necessary for life in the wild and, once fully prepared, are then ready for release.

From time to time, situations arise where the team help with the rescue and translocation of orangutans stranded in threatened areas, such as community land and fragmented sections of forest. Veterinary assistance ensures the highest welfare standards are available to expertly treat these orangutans straight away before release into the Lamandau Wildlife Reserve.

2023

- Two new births to female orangutans in the Lamandau Wildlife Reserve.
- Release of one orphaned orangutan from the soft-release programme.
- Nine orangutans rescued from potential conflict and released into protected rainforests, including a mother and infant spotted in the canopy of a tree in a community oil palm plantation.
- A new orangutan rescued for the soft-release programme, named Logos. Since rescue, Logos has started to bend twigs and leaves to craft a nest. At three years old he is starting to establish some key forest skills needed for an independent life in the wild.
- 9,246 acres of rainforest safeguarded with 43,500 saplings planted over 30 hectares.

In 2023,
Action for the Wild
gave a contribution of

£7,500

to cover a vet salary,
post-release monitoring
of the Bornean orangutan
population in the Lamandau
Wildlife Reserve and
veterinary equipment
for a wildlife clinic.



**ACTION
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KOMODO SURVIVAL PROGRAM

The Komodo Survival Program (KSP) aims to protect and monitor Komodo dragons and their habitat with the involvement of the local community.

2023

In 2023, the KSP used passive infrared cameras to determine Komodo dragon population density, which was relatively stable in western and northern Flores.

Deer population numbers were also monitored as part of the Komodo dragon prey population survey. These have shown an increase following intensive patrolling and protection efforts.

The team successfully conducted community awareness and education activities in western and northern Flores for adults, as well as primary and secondary school children.

Training in wildlife monitoring techniques was provided to field rangers and 15 camera traps were supplied to encourage long term Komodo dragon monitoring.

A wood carving scheme was promoted within the local community, with handicrafts of wildlife species sold to tourists. Such alternative livelihood schemes indirectly protect and conserve the wildlife populations by providing a sustainable means of income.

In 2023,
Action for the Wild
gave a contribution of
£1,318.57
to support this
project.

KOMODO
SURVIVAL
PROGRAM



ACTION
FOR THE
WILD

Charity No. 1105621

VULPRO

African vultures are some of the most threatened species on the planet, with some populations having declined by over 80% in the last three decades. It is critical for conservationists to keep a close eye on population numbers to determine any population changes. One important way that VulPro achieves this is through breeding monitoring to help understand which sites to protect throughout South Africa. VulPro monitors three sites through two surveys; one at the beginning of the season, and one at the end.

Survey 1	Survey 2	Survey 1	Survey 2
Active nests (May/July 2022)	Active nests (Sep 2022)	Active nests (June 2023)	Active nests (Sep–Oct 2023)
Number of pairs attempting to breed	How many nests still active and what kind of success rate the population has had in that year, how many individuals can be expected to be added to the population	Number of pairs attempting to breed	How many nests still active and what kind of success rate the population has had in that year, how many individuals can be expected to be added to the population
187	137	144	126

2023

In 2023, the team included a drone in the second nesting surveys. This enabled them to access nests that would have been inaccessible previously and see an increase in active nests in one area.

Unfortunately, during one survey, the team confirmed six dead chicks in their nests. There is concern that the deaths may be linked to poison so focus now lies on improving education on the effects of poisoning in the area.

Surveys also identified a Lappet-faced vulture nest, a species that the team know very little about in terms of their nesting and breeding behaviour. A GPS tracking device was fitted on the chick to hopefully provide invaluable information on the distribution of this elusive species.

The drone helped in the rescue of a young chick. Unfortunately, its parent passed away; a chick without the care of both parents will be unable to care for itself and will ultimately die without intervention. Luckily, the team intervened quickly, removing the chick from the nest and taking it into care for eventual release back into the wild during the release of the captive bred fledglings.

In 2023,
Action for the Wild
gave a contribution of

£4,994.22

towards vulture monitoring
expenses covering researcher
costs to monitor breeding sites
of the critically endangered
tree nesting African
white-backed vulture.



**ACTION
FOR THE
WILD**

Charity No. 1105621

In 2023,
Action for the Wild
gave a contribution of

£906.70

to support this
important elephant
conservation work.

**ACTION
FOR THE
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Charity No. 1105621



ELEPHANT HERPES VIRUS (EEHV)

Research Funds Appeal

Elephant endotheliotropic herpesvirus (EEHV) continues to be a devastating infectious disease posing a significant threat to the long-term conservation of Asian elephants in zoo populations, and is the most frequent cause of death in young Asian elephants in Western zoos. The disease is also found in wild populations, where infections and fatalities are more challenging to track. More recently, African elephants have been shown to be affected as well.

Work is continuing to support research projects that strive towards finding a solution against this fatal disease.

Promising lines of research work continue, with researchers at the University of Utrecht EEHV Laboratory providing the valuable service of regular antibody status updates for elephants, providing essential information on the risk of EEHV outbreaks within zoo holdings.

Antibody status changes over time, and so antibody levels may increase or decline compared with other tests done at different times. The tests can provide information that helps scientists predict future transmission of the virus by determining what proportion of the population is still at risk of developing EEHV-hemorrhagic disease (EEHV-HD) upon a primary infection. These tests will provide better insights into the natural immune response towards EEHV and are needed to determine the efficacy of an eventual candidate vaccine; development of a vaccine against EEHV is the ultimate goal.

The future of zoo elephant populations depends on understanding how to manage this awful disease. In the long term, research serves to protect captive elephants against fatal EEHV-HD and contribute to the preservation of this endangered animal species.

2023

- The research team have gained important insights into the specific immune responsiveness of EEHV which will enable them to base the design of intervention strategies.
- The first important steps have been taken towards the development of a vaccine and a potential treatment prevention against EEHV-HD.

GALAPAGOS CONSERVATION TRUST

The Galapagos Conservation Trust (GCT) is the only UK charity to focus solely on the conservation of the Galapagos Islands.

For over 25 years, GCT has raised funds and awareness, and delivered impactful conservation projects both on their own and in partnership with Ecuadorian authorities, local communities, scientists and other non-government organisations.

Their project portfolio for 2023–25 is focusing on four key solutions: stopping species extinctions; eradicating invasive species; building climate resilience; and reducing the human footprint.

2023

- At the beginning of March, the team attended the 'Our Ocean Conference' in Panama and presented preliminary results from the last five years of plastic pollution research in the Galapagos Islands and the wider Eastern Pacific.
- The GCT team conducted a drone workshop with the Galapagos National Park Directorate coastal clean-up team, during which the group learned how drone technology can assist with removing and documenting plastic pollution from coastal habitats.
- The team attended the second round of negotiations for a global agreement to end plastic pollution at UNESCO headquarters in Paris.
- In October, the next crucial phase of the restoration of Floreana began. The team started the eradication phase, the largest and most complex eradication of invasive and introduced species ever attempted on an inhabited tropical island. If successful, the team can begin species reintroductions in January 2024, starting with the Floreana giant tortoise. This is a significant step towards the ultimate goal of reintroducing 12 locally extinction species to the island.

In 2023,
Action for the Wild
gave a contribution of

£373.62

from the BIAZA Pinniped
Husbandry Workshop
conference held
at Colchester Zoo
to support this
conservation work.

**ACTION
FOR THE
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Charity No. 1105621



Galapagos
Conservation
Trust

GHOSTFISHING UK

Ghost Fishing UK was established in 2015, and is an award-winning charity dedicated to removing 'ghost gear' from the seas around the UK.

Ghost gear is fishing gear, such as nets and shellfish traps, that have been lost by the fishermen during the course of their work. The lost gear continues to catch marine life, as it is designed to do. Ghost gear is a source of marine pollution, but because it was designed to catch animals it has a disproportionate impact on wildlife, marine and coastal habitats, and food security.

Ghost Fishing UK is made up of volunteer scuba divers, who have been trained to remove this lost fishing gear from the seas. The purpose is to remove, where possible, lethal entanglement hazards to marine life from the marine environment.

2023

In 2023, Ghostfishing UK divers recovered 1,500kg of lost fishing gear from the Shetland waters.

A Ghost Fishing UK team assembled in Brighton to continue an ongoing project to clean up the wrecks in the region.

In 2023,
Action for the Wild
gave a contribution of

£613.62

from the BIAZA Pinniped
Husbandry Workshop
conference held
at Colchester Zoo
to support this
conservation work.



GHOST FISHING UK

Registered Charity 1174396

**ACTION
FOR THE
WILD**

Charity No. 1105621

FISHER'S ESTUARINE MOTH BREEDING PROGRAMME

The Fisher's estuarine moth is a rare and highly threatened species. Its main stronghold is the Walton Backwaters area of the North Essex coast, where the majority of the population is found at Skipper's Island. This key site for the moth is severely threatened by flooding, as a consequence of sea level rise and deteriorating sea walls.

Colchester Zoo and Action for the Wild donate technical assistance to support this programme via management of an off-show area at the Zoo, designed to facilitate the captive breeding of this moth, with egg batches produced subsequently released into newly-created habitat sites around Essex to ensure the long-term survival of this species.

We also assist with surveying these newly-created habitats looking for signs of caterpillar feeding and condition of hog's fennel plants; this moth species is completely reliant on this plant as its sole larval food, a plant species which itself is also threatened.

2023

- The first larvae hatched on 20th April, the last on 1st May. Five batches out of ten hatched.
- 39 larva emerged in total, which were placed on 16 plants.
- The first moth to emerge was 5th September, the last on 8th October, with 4 males and 5 females in total.
- In total, 15 egg stems were produced, two were of poor quality, but 13 of these will be put out into habitat sites in 2024.

As the majority of the newly-created habitat sites have now been colonised, the captive breeding programme is reaching its final stages as its initial aims and objectives to provide moths for release into new habitats have been achieved.

This project is a fantastic indicator of the success of an invertebrate breed and release programme, working in collaboration with various conservation organisations over the past 15 years to increase population size of this species.

**ACTION
FOR THE
WILD**

Charity No. 1105621

THANK YOU
FOR YOUR
SUPPORT!

MORE INFORMATION

If you would like further details on the charities supported through Action for the Wild, please visit:

www.actionforthewild.org

**ACTION
FOR THE
WILD**

Charity No. 1105621

If you would like to know more about becoming an intern on our UmPhafa Nature Reserve in South Africa, please visit:

www.umphafa.org



UMPHAFa
Private Nature Reserve

To find out more about adopting an animal or our animal experiences, please visit:

www.colchesterzoo.org

**COLCHESTER
ZOO**
Action for the Wild

The logo for Colchester Zoo, featuring the text 'COLCHESTER ZOO' in a bold, sans-serif font. Below the text is a stylized silhouette of a giraffe, with the words 'Action for the Wild' written in a smaller font underneath.