صندوق محمد بن زايد
للمحافظة على الكائنات الحية
The Mohamed bin Zayed SPECIES CONSERVATION FUND

ANNUAL REPORT 2022

BACK TO BUSINESS

In an era marked by conservation challenges, the Mohamed bin Zayed Species Conservation Fund exemplifies how targeted support can ignite substantial change. Our small grants empower conservationists to innovate, engage communities, and protect biodiversity. These efforts are not just financial aids but catalysts for resilience against habitat loss, climate change, and more, demonstrating the profound impact of strategic, grassroots action.

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FOREWORD

In an era marked by conservation challenges, the Mohamed bin Zayed Species Conservation Fund exemplifies how targeted support can ignite substantial change. Our small grants empower conservationists to innovate, engage communities, and protect biodiversity. These efforts are not just financial aids but catalysts for resilience against habitat loss, climate change, and more, demonstrating the profound impact of strategic, grassroots action.

As an added endorsement of our commitment to integrating climate and nature conservation, I was honored to be appointed as the UN Climate Change High-Level Champion for COP28. This role underscores the intrinsic link between climate action and the preservation of biodiversity, highlighting the mutual benefits of addressing these global challenges in tandem.

I am deeply honored to carry the responsibility of supporting the COP28 UAE Presidency in this capacity. The environment, with its climate and biodiversity, is a cornerstone of the UAE’s culture and identity, recognized as essential for well-being. In my dual roles as UN Climate Change High-Level Champion for COP28 and IUCN President, I am committed to pushing beyond conventional approaches to prioritize nature-based solutions that can harmonize climate and biodiversity objectives.

The interconnectedness of climate change and biodiversity is undeniable. With the support of over 10,000 conservationists, biologists, ecologists, field workers, and volunteers on the ground, the MBZ Fund is uniquely positioned to lead conservation efforts. Our approach demonstrates that through focused, strategic actions, even small-scale funding can yield significant contributions to the global conservation effort.

RAZAN AL MUBARAK
MANAGING DIRECTOR





ABOUT US

The Mohamed bin Zayed Species Conservation Fund seeks to empower species conservation efforts and programmes globally, embodying the deep-rooted commitment of both the government and the people of Abu Dhabi to preserve our natural heritage.

WHY SPECIES CONSERVATION?

Animals, fungi, and plants are essential components to sustain a prosperous ecosystem. Conserving a well-balanced ecosystem maintains the health of the environment ensuring humans have access to clean air and water, fertile land, and plants with medicinal properties. When a species becomes endangered, it disrupts the ecosystem and can have devastating, often far-reaching consequences for the well-being of all inhabitants on our beautiful planet.

In a recent UN report, it was highlighted that around 1 million animal and plant species are now threatened with extinction, many within decades, more than ever before in human history.



Kingfisher © WCS



The average abundance of native species in most major land-based habitats has fallen by at least 20%, mostly since 1900. More than 40% of amphibian species, almost 33% of reef-forming corals and more than a third of all marine mammals are threatened.

The picture is less clear for insect species, but available evidence supports a tentative estimate of 10% being threatened. At least 680 vertebrate species had been driven to extinction since the 16th century and more than 9% of all domesticated breeds of mammals used for food and agriculture had become extinct by 2016, with at least 1,000 more breeds still threatened.

It’s time to rethink our relationship with nature. Not for us, but for our children and their children. Let’s leave the world a better place.



SMALL GRANTS

The Mohamed bin Zayed Species Conservation Fund provides financial support in the form of small grants of less than $25,000 to conservation projects worldwide. These small grants are as much for the species as they are for the conservationists and organizations working so passionately to protect them.

Hawksbill turtle

CASE STUDIES

While the Mohamed bin Zayed Species Conservation Fund supports a diverse range of species through direct funding and engagement with multi-partner conservation projects around the world, the species coverage and number of conservationists supported each year by its small grants programme is unparalleled.

Thousands of these small-scale species conservation projects have reached all corners of the globe, across all seven continents, offering targeted support to enthusiastic conservationists and researchers in the field.

These intrepid individuals and organisations are the first line of defense against species extinction – passionate people who have dedicated their lives to the conservation of the creatures and plants they love, and we depend on to retain our planet's unique biodiversity.









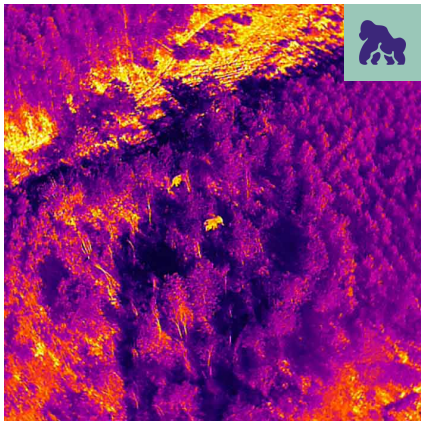




NEGATING ELEPHANT-HUMAN CONFLICT IN VIETNAM

Embracing new age technology to manage elephant-human conflict in Vietnam

Scientific name: Elaphus maximus
Common name: Asian Elephant
Species type: Mammal
Country: Vietnam
Website:
https://reports.speciesconservation.org/ar-case-studies/modern-technology-to-manage-elephant-human-conflict-in-vietnam/



FUNGI REFORESTATION IN BENIN

The Sudano-Guinean district of Benin is known as the home of the ectomycorrhizal fungi which was originally discovered in 2010.

Scientific name: Russula cellulata
Common name: Russulate fungi
Species type: Fungi
Country: Benin
Website: https://reports.speciesconservation.org/ar-case-studies/fungi-reforestation-in-benin/



VULTURES TO TRACK ANIMAL POISONING IN AFRICA

Using vultures to track and combat wildlife poisoning on the African continent.

Scientific name: Gyps africanus
Common name: White-backed vulture
Species type: Bird
Country: South Africa
Website: https://reports.speciesconservation.org/ar-case-studies/vultures-to-track-animal-poisoning-in-africa/



BUILDING BARRIERS TO SAFEGUARD THE MOUNTAIN NYALA

Building barriers to protect the Mountain Nyala and prevent livestock from degrading their habitat.

Scientific name: Tragelaphus buxtoni
Common name: Ethiopian Mountain Nyala
Species type: Mammal
Country: Ethiopia
Website: https://reports.speciesconservation.org/ar-case-studies/building-barriers-to-safeguard-the-ethiopian-mountain-nyala/



SUSTENTATION OF THE CUBAN CAVE SCORPION

Research project to better understand Cuban cave scorpion behaviour.

Scientific name: Tityopsis sheylae
Common name: Cave scorpion
Species type: Invertebrate
Country: Cuba
Website: https://reports.speciesconservation.org/ar-case-studies/sustentation-of-the-cuban-cave-scorpion/



PRESERVING A BLOOMING GOOD FIND; THE MALABAR RIVER-LILY

The endangered Malabar river-lily is flourishing again.

Scientific name: Crinum malabaricum
Common name: Malabar river-lily
Species type: Plant
Country: India
Website: https://reports.speciesconservation.org/ar-case-studies/preserving-a-blooming-good-find-the-malabar-river-lily/



SMALL GRANTS SUPPORTED 2022

IUCN RED LIST CLASSIFICATIONS

EX	Extinct	EW	Extinct in the Wild	CR	Critically Endangered
EN	Endangered	VU	Vulnerable	NT	Near Threatened
LC	Least Concern	DD	Data Deficient	NE	Not Evaluated

AMPHIBIAN

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	Bancet Tompotika	Occidozyga tompotika	Efendi Sabinhaliduna	Celebica Conservation Action	Indonesia, Asia	$6,076
EN	**Guangxi warty newt**	Paramesotriton guangxiensis	Dung Tran	Department of Wildlife, Vietnam National University of Forestry	Vietnam, Asia	$2,764
EN	Guerreran Robber Frog	Craugastor guerreroensis	Ricardo Palacios Aguilar	Universidad Nacional Autónoma de México/Totlok A.C. (NGO)	Mexico, North America	$8,200
CR	Harlequin toad	Atelopus quimbaya	Luis Santiago Caicedo-Martínez	Natural History Laboratory, Integrative Zoological Biodiversity Discovery	Colombia, South America	$6,800
DD	Heart-tongued frog	Phyllodytes gyrinaethes	Anyelet Valencia Aguilar	Laboratorio de Bioligia Integrativa - UFAL	Brazil, South America	$10,000
CR	Leora´s stream salamander	Ambystoma leorae	Felipe Osuna	Institute of ecology AC	Mexico, North America	$15,000
EN	**Puerto Rican crested toad**	Peltophryne lemur	Allison Julien	Puerto Rican Crested Toad Conservancy / Fort Worth Zoo	Puerto Rico, North America	$15,450
NE	**Pumpkin toadlet**	Brachycephalus mirissimus	Larissa Teixeira	Mater Natura - Instituto de Estudos Ambientais	Brazil, South America	$8,619
EN	Shimba Hills reed Frog	Hyperolius rubrovermiculatus	Beryl Bwong	National Musuems of Kenya	Kenya, Africa	$10,855
EN	**Spiculate Toad**	Incilius spiculatus	Medardo Arreortua	Instituto Politécnico Nacional (IPN) CIIDIR Oaxaca	Mexico, North America	$15,000

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**Taita Warty Frog**	Callulina dawida	Thomas Odeyo	NATURE KENYA	Kenya, Africa	$5,000
NE	**Tlalocohyla**	Tlalocohyla	Valeria Aspinall	Costa Rica Wildlife Foundation	Costa Rica, North America	$4,950
EN	**Vicente's poison frog**	Oophaga vicentei	Eric Flores	Coiba Scientific Station	Panama, North America	$8,000
EN	**Western Leopard Toad**	Sclerophrys pantherina	Kim Gordon	Nature Connect (Formally Cape Town Environmental Education Trust (CTEET)	South Africa, Africa	$19,140

BIRD

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**African white-backed vulture**	Gyps africanus	Corinne Kendall	North Carolina Zoo	Zambia, Africa	$15,000
EN	Ashy Storm-Petrel	Hydrobates homochroa	Alejandra Fabila Blanco	Grupo de Ecología y Conservación de Islas, A.C.	Mexico, North America	$14,550
CR	Bengal florican	Houbaropsis bengalensis	Chhotelal Chowdhary	Biodiversity Conservation Center Nepal	Nepal, Asia	$7,000
CR	Black-naped pheasant-pigeon	Otidiphaps Insularis	Jason Gregg	N/A	Papua New Guinea, Oceania	$11,700
CR	**Blue-throated Hillstar**	Oreotrochilus cyanolaemus	Martin Schaefer	Fundación de Conservación Jocotoco	Ecuador, South America	$19,000
CR	Cuban Kite	Chondrohierax uncinatus wilsonii	Geovanys Rodríguez Cobas	N/A	Cuba, North America	$8,000
CR	**Fatu Hiva monarch**	Pomarea whitneyi	MARÍA IGUAL BELTRÁN	Société d'Ornithologie de Polynésie	French Polynesia, Oceania	$14,000
CR	Galapagos Petrel	Pterodroma phaeopygia	Justine Hanson	American Bird Conservancy	Ecuador, South America	$15,100
NE	New Caledonian Storm Petrel	Fregetta lineata	Chris Gaskin	Northern New Zealand Seabird Trust	New Caledonia, Oceania	$15,000
LC	Omani Owl	Strix butleri	Sami Ullah Majeed	Fujairah Environment Authority	United Arab Emirates, Asia	$5,000
CR	Rück`s flycatcher	Cyornis ruckii	Zulqarnain Assiddiqi	Endemic Indonesia	Indonesia, Asia	$7,000
NE	**Vanuatu Petrel**	Pterodroma occulta	Peter Vaughan	Monash University	Vanuatu, Oceania	$16,500

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**White-winged Flufftail**	Sarothrura ayresi	Kyle Lloyd	BirdLife South Africa	South Africa, Africa	$14,550
CR	White-winged Flufftail	Sarothrura ayresi	Girma Mengesha	Wildlife Conservation Team Charity Organization	Ethiopia, Africa	$5,000
EN	Yellow Cardinal	Gubernatrix cristata	Candelaria Neyra	Aves Argentinas	Argentina, South America	$8,550

FISH

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
DD	Ansorge lutefish	Citharidium ansorgii	SEGUN OLAYINKA OLADIPO	KWARA STATE UNIVERSITY, NIGERIA	Nigeria, Africa	$12,045
DD	Blind catfish	Horaglanis krishnai	Arya Sidharthan	Zoo Outreach Organization	India, Asia	$8,091
NE	**Dades trout**	Salmo multipunctata	Mohammed Znari	Cadi Ayyad University	Morocco, Africa	$9,000
EW	Golden Skiffia	Skiffia francesae	Omar Domínguez	Universidad Michoacana de San Nicolas de hidalgo	Mexico, North America	$20,000
EN	Maloti minnow	Pseudobarbus quathlambae	Patrick Skhumbuzo Kubheka	Ezemvelo KZN Wildlife	South Africa, Africa	$15,000
DD	**Manganga**	Potamobatrachus trispinosus	Lorena Vieira	N/A	Brazil, South America	$7,000
EN	**Manyara Tilapia**	Oreochromis amphimelas	Nanyika Kingazi	Tanzania Forestry Research Institute	Tanzania, Africa	$7,500
EN	**Philippine Medaka**	Oryzias luzonensis	Faith Tadeo	Don Mariano Marcos Memorial State University	Philippines, Asia	$5,000
CR	Porbeagle	Lamna nasus	Simo Ribaj	SEEP (Social Education for Environment Protection)	Albania, Europe	$8,900
EN	Rio Concepcion topminnow	Poeciliopsis jackschultzi	Mariana Mateos	Texas A&M University	Mexico, North America	$8,000
CR	Sharks, rays, and chimaeras	Chondrichthyan	Rima Jabado	International Union for Conservation of Nature Species Survival Commission Shark Specialist Group	Malaysia, Asia	$24,705
CR	**Squeaker catfish**	Synodontis macrophthalmus	Wonder Sekey	Kwame Nkrumah University of Science and Technology	Ghana, Africa	$7,000

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**Trichogenes claviger**	Trichogenes claviger	Juliana Paulo Silva	Federal University of Espirito Santo	Brazil, South America	$7,724

FUNGI

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
NE	Pinatra	Cyttaria berteroi	Daniela Torres	Fundación Fungi	Chile, South America	$13,500
CR	Stinking milk-cap	Lactarius foetens	Armel Boris OLOU	Laboratory of Applied Ecology (LEA)	Benin, Africa	$10,000
CR	**Wrightoporia araucariae**	Wrightoporia araucariae	Elisandro Ricardo Drechsler dos Santos	Federal University of Santa Catarina	Brazil, South America	$20,000

INVERTEBRATE

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**Albanian Saddle Bush-cricket**	Uromenus dyrrhachiacus	Michèle Lemonnier-Darcemont	GEEM	Albania, Europe	$5,000
CR	Archineura maxima	Archineura maxima	Toan Phan Quoc	Duy Tan University	Vietnam, Asia	$7,000
CR	Black abalone	Haliotis cracherodii	Fabiola Lafarga	CICESE: Center for Scientific Research and Higher Education	Mexico, North America	$16,000
CR	**Cave scorpion**	Tityopsis sheylae	Tomas Michel Rodríguez Cabrera	Instituto de Ecología y Sistemática	Cuba, North America	$5,000
EN	**Crotch bumblebee**	Bombus crotchii	Fadia Sara Ceccarelli	CICESE	Mexico, North America	$10,000
NE	**Dung beetles**	Dung beetles	Van Bac Bui	Vietnam National University of Forestry	Vietnam, Asia	$8,000
NE	Fuji cave scaffold-web spider	Speleoticus uenoi	Francesco Ballarin	Tokyo Metropolitan University	Japan, Asia	$5,000
VU	**Giant steppe grasshopper**	Prionotropis hystrix	Maks Deranja	Hrvatsko društvo za biološka istraživanja (HDBI)	Croatia, Europe	$9,000
EN	Gomphids Cottarelli’s Longlegs	Notogomphus cottarellii	Chemeda Abedeta GARBABA	Jimma University	Ethiopia, Africa	$5,500

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
EN	harvestman	Jimeneziella decui	Aylin Alegre Barroso	Institute of Ecology and Systematics	Cuba, North America	$5,500
EN	Holothuria scabra	Holothuria scabra	Muhammad Farhan	Touna Sea cucumber Conservation Group	Indonesia, Asia	$7,782
NE	Idle crayfish	Austropotamobius bihariensis	Andrei Acs	Centre for Protected Areas and Sustainable Development	Romania, Europe	$6,500
DD	**Ignat's Stone Grasshopper**	Acinipe ignatii	Sílvia Pina	N/A	Portugal, Europe	$5,000
CR	**Kenya dancing-jewel**	Platycypha amboniensis	Anthony M. Karani	University of Embu	Kenya, Africa	$5,000
NE	**leaf-cutting ant**	Atta robusta	Jarbas Queiroz	Federal Rural University of Rio de Janeiro	Brazil, South America	$4,926
CR	**Lindu shrimp**	Caridina linduensis	Diky Dwiyanto	Celebica	Indonesia, Asia	$5,000
NE	Macrosteles pygmy	Macrosteles pygmaeus	Oleg Borodin	Daugavpils University	Lithuania, Europe	$5,000
VU	Madeiran Green Bush-Cricket	Psalmatophanes barretoi	Howon Rhee	IUCN SSC Grasshopper Speciallist Group	Portugal, Europe	$8,000
NE	Marisco de rio	Leila blainvilleana	Cristhian Clavijo	Vida Silvestre Uruguay	Uruguay, South America	$7,000
EN	Matano Leopard Crab	Parathelphusa pantherina	Funty Septiyawati Polapa	Marine Science Department, Muhammadiyah University of Palopo	Indonesia, Asia	$5,000
NE	**Monolistra del Buco del Piombo**	Monolistra pavani	Raoul Manenti	Università degli Studi di Milano, Department of environmental Science and Policy	Italy, Europe	$1,700
CR	**red shrimp**	Barbouria cubensis	Enrique Reynaldo de la Cruz	Ministry of Science, Technology and Environment, Cuba and University of Holguin	Cuba, North America	$4,941
EN	**Ryukyu rabbit tick**	Haemaphysalis pentalagi	Mackenzie Kwak	Hokkaido University	Japan, Asia	$10,000
NE	**White tomiris butterfly**	Euchloe tomyris	Abdulaziz Davlatov	Institute of Zoology and Parasitology, National Academy of sciences of Tajikistan	Tajikistan, Asia	$3,000
EN	**Willemses' Stone Grasshopper**	Prionotropis willemsorum	Vassiliki Kati	BCL-Biodiversity Conservation Lab, Dep of Biol. Appl & Technology, University of Ioannina	Greece, Europe	$4,800

MAMMAL

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	Addax	Addax nasomaculatus	Torsten Bohm	Noé	Niger, Africa	$24,868
VU	African golden cat	Caracal aurata	Eduardo Lutondo	Fundação Kissama	Angola, Africa	$5,000
VU	**African golden cat**	Caracal aurata	Mac Elikem NUTSUAKOR	KNUST	Ghana, Africa	$5,000
VU	African golden cat	Caracal aurata	Kouadio Juslin Hervé KOIGNY	Mimea Internationale	Côte d'Ivoire (Ivory Coast), Africa	$5,000
VU	African golden cat	Caracal aurata	Emmanuel Akampurira	Embaka-Saving the African Golden Cat	Uganda, Africa	$7,500
VU	African golden cat	Caracal aurata	Julius Mutale	Embaka	Uganda, Africa	$5,000
VU	African golden cat	Caracal aurata	Serge Ely Dibakou	Centre Interdisciplinaire de Recherches Médicales de Franceville (CIRMF, GABON)	Gabon, Africa	$5,000
VU	**African golden cat**	Caracal aurata	Imran Ejotre	Muni University	South Sudan, Africa	$7,500
EN	Andean cat	Leopardus jacobita	Cindy Hurtado	Pampas Cat Working Group	Peru, South America	$14,500
EN	**Andean cat**	Leopardus jacobita	Rodrigo Villalobos	Seeking the Andean Cat	Chile, South America	$8,500
VU	**Andean tiger cat**	Leopardus tigrinus pardinoides	Juan Camilo Cepeda Duque	Fundación Ambiental Mohanes	Colombia, South America	$8,534
EN	**Asian elephant**	Elaphus maximus	Russell Gray	Save Vietnam's Wildlife	Vietnam, Asia	$10,000
NT	Asiatic golden cat	Catopuma temminckii	Gyajo Lama Bhote	Clouded Leopard Working Group	Nepal, Asia	$5,000
EN	Bioko Drill monkey	Mandrillus leucophaeus poensis	Jana Lopez Alvarez	The Drill Project	Equatorial Guinea, Africa	$11,300
CR	**blond titi monkey**	Callicebus barbarabrownae	André Alonso	Projeto Guigó na Chapada	Brazil, South America	$12,500
CR	**Buffy-headed marmoset**	Callithrix flaviceps	Daniel Ferraz	Rede Eco-Diversa para Conservação da Natureza	Brazil, South America	$7,000
LC	Caracal	Caracal caracal	Sami Ullah Majeed	Wadi Wurayah National Park - Fujairah Environment Authority	United Arab Emirates, Asia	$5,000

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
VU	Cheetah	Acinonyx jubatus	Rebecca Klein	Cheetah Conservation Botswana	Botswana, Africa	$5,000
CR	**Chinese pangolin**	Manis pentadactyla	Prativa Kaspal	Women for Conservation(WC)	Nepal, Asia	$4,950
VU	Clouded leopard	Neofelis nebulosa	Mitra Pandey	Clouded Leopard Working Group	Nepal, Asia	$5,000
NT	**Colo-Colo Cat**	Leopardus colocola	Carlos Castro Pastene	Pampas Cat Working Group	Chile, South America	$5,000
VU	**Cuban Greater Funnel-Eared Bat**	Natalus primus	Jose M. de la Cruz Mora	Natural History Museum of Pinar del Río. Center of Research and Environmental Services, ECOVIDA.	Cuba, North America	$5,000
EN	Djam-djam monkey	Chlorocebus djamdjamensis ssp. djamdjamensis	Addisu Mekonnen	University of Calgary, Department of Anthropology and Archaeology, 2500 University Drive Calgary, AB	Ethiopia, Africa	$24,000
EN	**European ground squirrel**	Spermophilus citellus	Mikhail Rusin	Kyiv Zoo	Ukraine, Europe	$4,950
CR	European hamster	Cricetus cricetus	Mikhail Rusin	Kyiv Zoo	Ukraine, Europe	$6,100
LC	**Geoffroy's cat**	Leopardus geoffroyi	Felipe Bortolotto Peters	Geoffroy’s Cat Working Group (GCWG)	Brazil, South America	$5,000
EN	**Giant otter**	Pteronura brasiliensis	Els van Lavieren	Suriname Reizen en Geven	Suriname, South America	$14,450
EN	Giant pangolin	Smutsia gigantea	Alain Delon MOUAFO TAKOUNE	University of Dschang	Cameroon, Africa	$9,000
EN	Golden langur	Trachypithecus geei	Jihosuo Biswas	Primate Research Centre NE India/Conservation Himalayas	India, Asia	$6,000
EN	Golden-bellied mangabey	Cercocebus chrysogaster	Edward McLester	Max Planck Institute of Animal Behavior	Congo, Democratic Republic of (Congo-Kinshasa), Africa	$11,600
EN	Golden-rumped Elephant Shrew (Sengi)	Rhynchocyon chrysopygus	Marketa Antoninova	Friends of Arabuko-Sokoke Forest	Kenya, Africa	$13,000
VU	**Güiña**	Leopardus guigna	Melanie Kaiser	Fundación Con Garra - Conservación de Felinos Nativos	Chile, South America	$5,000
EN	Hildegarde's tomb bat	Taphozous hildegardeae	Evarastus Obura	Angaza Vijiji	Kenya, Africa	$12,000
EN	**Indian Pangolin**	Manis crassicaudata	Murthy Kantimahanti	Eastern Ghats Wildlife Society	India, Asia	$5,000
LC	Jungle Cat	Felis chaus	Chandima Fernando	N/A	Sri Lanka, Asia	$4,465

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
DD	Khartoum gerbil	Gerbillus stigmonyx	Ibrahim Hashim	Sudanese Wildlife Society	Sudan, Africa	$5,000
NT	Marbled Cat	Pardofelis marmorata	Giridhar Malla	Clouded Leopard Working Group	India, Asia	$7,500
NT	Margay	Leopardus wiedii	Xinia Villarreal	Friends of Felids Association	Costa Rica, North America	$5,000
NE	Muñoa’s Pampas cat	Leopardus munoai	Marina Ochoa Favarini	Geoffroy’s Cat Working Group (GCWG)	Brazil, South America	$5,000
CR	Niger Delta Red Colobus Monkey	Piliocolobus epieni	Rachel Ikemeh	SW/Niger Delta Forest Project	Nigeria, Africa	$12,500
EN	**Nile lechwe**	Kobus megaceros	Tariku Mekonnen Gutema	Threatened Species Conservation Organization	Ethiopia, Africa	$10,000
CR	**Northern muriqui**	Brachyteles hypoxanthus	Mariane Kaizer	Instituto Nacional da Mata Atlântica	Brazil, South America	$6,000
VU	**Northern Tiger Cat**	Leopardus tigrinus pardinoides	Catalina Sánchez-Lalinde	Onca Fundación Para el Estudio de la Diversidad	Colombia, South America	$9,000
NT	**Pampas cat**	Leopardus colocola	Patricio Muñoz Peña	Fundación Con Garra - Conservación de Felinos Nativos	Chile, South America	$5,000
NE	**Pampas cat**	Leopardus munoai	Santiago Turcatti Oviedo	Geoffroy´s Cat Working Group	Uruguay, South America	$5,000
EN	Phayre's leaf monkey	Trachypithecus phayrei	Tanvir Ahmed	N/A	Bangladesh, Asia	$10,000
EN	Red panda	Ailurus fulgens	Supriyo Dalui	Zoological Survey of India	India, Asia	$7,000
CR	**Red-bellied monkey**	Cercopithecus erythrogaster erythrogaster	Nazif Ales	GeoEnvironment and Biodiversity Conservation (GeoEBC-NGO)	Benin, Africa	$11,000
NT	Rusty-spotted cat	Prionailurus rubiginosus	Vikram Tiwari	Rusty Spotted Cat Working Group	India, Asia	$5,000
NT	Rusty-spotted cat	Prionailurus rubiginosus	Ramjan Chaudhary	Rusty Spotted Cat Working Group (RSCWG)	Nepal, Asia	$5,000
NT	Rusty-spotted cat	Prionailurus rubiginosus	Vidyaman Thapa	Rusty Spotted Cat Working Group (RSCWG)	Nepal, Asia	$5,000
NT	Rusty-spotted cat	Prionailurus rubiginosus	K Shiva Kumar	Rusty Spotted Cat Working Group (RSCWG)	India, Asia	$5,000
VU	**Southern tiger cat**	Leopardus guttulus	Leonardo Alcântara	Rede Eco-Diversa para Conservação da Biodiversidade	Brazil, South America	$6,280

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
VU	**Southern tiger cat**	Leopardus guttulus	Vinícius de Morais	Pro-Carnivores Institute	Brazil, South America	$5,500
CR	**Sumatran Elephant**	Elephas maximus sumatranus	Helene Barnes	Perkumpulan Rincong	Indonesia, Asia	$15,000
DD	Sumatran striped rabbit	Nesolagus netscheri	Nindi Aseny	Merangin University (Universitas Merangin)	Indonesia, Asia	$7,000
CR	**Sunda Pangolin**	Manis javanica	Jeffrey Popp	White Oak Conservation Foundation	Indonesia, Asia	$9,000
CR	**Tamaraw**	Bubalus mindorensis	Emmanuel Schütz	D'ABOVILLE Foundation and Demo Farm Inc	Philippines, Asia	$10,000
CR	Tana River red colobus	Piliocolobus rufomitratus	Stanislaus Kivai	Institute of Primate Research-National Museums of Kenya	Kenya, Africa	$12,500
CR	Tana River red colobus	Piliocolobus rufomitratus	Rose Abae	Wildlife Research and Training Institute	Kenya, Africa	$12,000
EN	**Tuco-tuco cordobés**	Ctenomys bergi	Enzo Rossi	Instituto de Diversidad y Ecología Animal IDEA-CONICET	Argentina, South America	$5,000
EN	White-bellied pangolin	Phataginus tricuspis	Gladys Kamasanyu	Help African Animals	Uganda, Africa	$5,000
EN	**White-bellied Pangolin**	Phataginus tricuspis	Ransford Agyei	A Rocha Ghana	Ghana, Africa	$11,000
CR	**White-thighed Colobus**	Colobus vellerosus	Comlan GBONGBOUI	Centre d'Action pour la Protection de l'Environnement et la Santé	Benin, Africa	$9,950
CR	White-thighed colobus	Colobus vellerosus	Christopher Dankwah	A Rocha Ghana	Ghana, Africa	$13,000
EN	**Woolly flying squirrel**	Eupetaurus cinereus	Hiranmoy Chetia	Amity Institute of Forestry and Wildlife, Amity University, Noida	India, Asia	$8,000

PLANT

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**aloe**	Aloe leptosiphon	Neduvoto Mollel	Tropical Pesticides Research Institute. National Herbarium of Tanzania Section	Tanzania, Africa	$17,000
CR	Baccharis orientalis	Baccharis orientalis	Mayumi Vega Polanco	El Colegio de la Frontera Sur	Cuba, North America	$3,200

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
NE	Button plant	Conophytum antonii	Andrew Taylor	Endangered Wildlife Trust	South Africa, Africa	$19,096
CR	Cola porphyrantha	Cola porphyrantha	Henry Ndangalasi	University of Dar es Salaam	Tanzania, Africa	$7,000
NE	Croton borbensis	Croton borbensis	Amanda da Paixão Noronha Pereira	N/A	Brazil, South America	$3,050
EN	Empogona maputensis	Empogona maputensis	Celia Martins	Department of Biological Sciences, Eduardo Mondlane University	Mozambique, Africa	$15,000
CR	frailejón ramificado	Espeletia ramosa	Jesus Mavarez	Laboratoire d'Ecologie Alpine	Colombia, South America	$17,000
CR	Ginger	Zingiber engganoense	Angga Yudaputra	Research Center for Plant Conservation, Botanic Gardens and Forestry	Indonesia, Asia	$7,000
EN	Himalayan cypripedium	Cypripedium himalaicum	Naphel Naphel	Paro Forest Division, Paro Bhutan	Bhutan, Asia	$15,000
NE	**Lukea quentinii**	Lukea quentinii	Yvette Harvey-Brown	Botanic Gardens Conservation International	Tanzania, Africa	$5,000
EN	Madeira Shrub Cornflower	Cheirolophus massonianus	Ben Nyberg	National Tropical Botanical Garden	Portugal, Europe	$9,000
NE	Mascarene amaranth	Aerva congesta	Cacey Cottrill	Durrell Wildlife Conservation Trust	Mauritius, Africa	$12,000
EN	**Mouterde's knapweed**	Centaurea mouterdei	Hicham El Zein	Tariq el Nahl	Lebanon, Asia	$4,960
EN	**Myrceugenia gertii**	Myrceugenia gertii	Fábio Vieira	University of São Paulo	Brazil, South America	$5,000
CR	**Nepenthes rigidifolia**	Nepenthes rigidifolia	Elga Renjana	National Research and Innovation Agency	Indonesia, Asia	$8,000
CR	Pseudophoenix lediniana	Pseudophoenix lediniana	William Cinea	Cayes Botanical Garden (CBG)	Haiti, North America	$10,000
DD	**Rhododendron**	Rhododendron pogonophyllum	Kezang Tobgay	National Biodiversity Centre, Serbithang	Bhutan, Asia	$6,000
CR	Sigotiet	Disperis egregia	Fanuel Kawaka	N/A	Kenya, Africa	$7,510
EN	**Zornia subsessilis**	Zornia subsessilis	Lais Zeferino	São Paulo State University	Brazil, South America	$5,000

REPTILE

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**Aeolian wall lizard**	Podarcis raffonei	Benedetta Gambioli	N/A	Italy, Europe	$9,000
CR	Anegada Rock Iguana	Cyclura pinguis	Kelly Bradley	Fort Worth Zoo	British Virgin Islands, North America	$25,000
CR	**Añelo Sand dunes lizard**	Liolaemus cuyumhue	Victoria Brizio	N/A	Argentina, South America	$5,000
NE	Angel's five-toed skink	Lacertaspis lepesmei	Arnaud Marius Tchassem Fokoua	Laboratory of Zoology, University of Yaoundé I	Cameroon, Africa	$7,000
CR	**Asian giant tortoise**	Manouria emys	Try Surya Harapan	N/A	Indonesia, Asia	$5,000
NE	**Cora Mud Turtle**	Kinosternon cora	Jesús Alberto Loc Barragán	CICODEC A.C. (NGO)	Mexico, North America	$5,000
CR	Darevsky's Viper	Vipera darevskii	Konrad Mebert	Institute of Development, Ecology, Conservation and Cooperation	Georgia, Asia	$4,970
CR	Dark Sitana	Sitana fusca	SANTOSH BHATTARAI	Nepal Conservation and Research Center	Nepal, Asia	$5,000
EN	**Escambray Bearded Anole**	Anolis guamuhaya	Alejandro Michel Rodríguez González	Universidad Central “Marta Abreu” de las Villas	Cuba, North America	$5,000
CR	Home's hinge-back tortoise	Kinixys Homeana	Chrystelle DAKPOGAN	Organisation pour le Développement Durable et la Biodiversité	Benin, Africa	$14,420
CR	Home's Hingeback tortoise	Kinixys homeana	Luca M. Luiselli	N/A	Liberia, Africa	$10,000
CR	Huu Lien Leopard Gecko	Goniurosaurus huuliensis	Nenh Sung	Center for Biodiversity & Environment Research, Tay Bac University, Group 2, Quyet Tam Ward, Son La	Vietnam, Asia	$11,000
CR	Indochinese Box Turtle	Cuora galbinifrons	Linh Luong	Center for Nature Conservation and Development	Vietnam, Asia	$7,500
CR	Leith's softshell turtle	Nilssonia leithii	Sneha Dharwadkar	Dakshin Foundation, Bengaluru, India	India, Asia	$14,000
CR	Mount Inago Pygmy Chameleon	Rhampholeon bruessoworum	Matthias De Beenhouwer	4Forests	Mozambique, Africa	$4,950
EN	**Mt Kenya Bush Viper**	Atheris desaixi	Atubwa Howard	National Museums of Kenya	Kenya, Africa	$8,000
DD	**Muria rock gecko**	Cnemaspis muria	Lutfian Nazar	Green Community	Indonesia, Asia	$5,840

IUCN	Vernacular Name	Scientific Name	Name	Name of Organization	Country, Continent	Funding
CR	**Nguru Spiny Pygmy Chameleon**	Rhampholeon acuminatus	Hudson Laizer	Mbeya University of Sciene and Technology	Tanzania, Africa	$8,300
CR	Nubian Flapshell Turtle	Cyclanorbis elegans	Luca M. Luiselli	N/A	Burkina Faso, Africa	$16,500
CR	Red-crowned Roofed Turtle	Batagur kachuga	Shailendra Singh	Turtle Survival Alliance India	India, Asia	$15,000
CR	**Sulawesi forest turtle**	Leucocephalon yuwonoi	Auni Ade Putri	Zoological Community of Celebes	Indonesia, Asia	$5,000
CR	Yangtze giant softshell turtle	Rafetus swinhoei	Long Nguyen	Wildlife Conservation Society	Vietnam, Asia	$25,000

PARTNER PROJECTS

Mubadala Investment Company, the Abu Dhabi-based sovereign investor, entered a three-year partnership with the MBZ Fund to support conservation initiatives around the world. Through the partnership, Mubadala Investment Company will provide the MBZ Fund with US $1.5 million annually to be directed towards supporting endangered flora and fauna in Africa, Asia and South America.



Bornean Clouded Leopard (Neofelis diardi borneensis) male with corneal ulcer in his right eye in lowland rainforest, Tawau Hills Park, Sabah, Borneo, Malaysia

MUBADALA INVESTMENT COMPANY GRANTS

MUBADALA

LARGE PROJECTS, SPONSORED BY MUBADALA

Mubadala Investment Company, the Abu Dhabi-based sovereign investor, has entered a three-year partnership with the Mohamed bin Zayed Species Conservation Fund (MBZ Fund) to support conservation initiatives around the world. Through the partnership, Mubadala Investment Company will provide the MBZ Fund with US $1.5 million annually to be directed towards supporting endangered flora and fauna in Africa, Asia and South America; particularly in countries where Mubadala Investment Company has portfolio companies including Colombia, Guinea, Indonesia, Thailand – representing some of the world's biodiversity hotspots.



These grants, while larger in scope and longer in duration than the traditional MBZ Fund small grants programme, complement the MBZ Fund's already significant support for species conservation globally, and the Fund's policy of supporting hands-on, field conservation activities. These "Mubadala Grants" are implemented by our trusted and experienced local conservation partners, supported by Mubadala and its assets, and managed by the Mohamed bin Zayed Species Conservation Fund. All the partners in this effort are dedicated to conserving the species that form the building blocks of life on earth and by applying their passions for conservation will help turn the tides against the extinction crisis.

View website

LARGE PROJECT STORIES 2022



LARGE PROJECTS IN COLOMBIA 2022

From forests to rivers: Finding some of Colombia's most endangered species

Situated in north-western South America on the Tumbes-Chocó-Magdalena and Tropical Andes Biodiversity Hotspots, Colombia is one of the world’s 17 megadiverse countries and home to an astonishing 10% of all biodiversity on earth.

View Full Story

LARGE PROJECTS IN GUINEA 2022

Mitigating threats to the African manatee, Atlantic humpback dolphin and marine turtles

The Guinean forests of West Africa are considered one of the world’s 25 biodiversity hotspots and with many watercourses in the sub region, also considered the "Water Tower of West Africa". It has one of the most dynamic coastal areas in the sub-region and has a highly productive marine ecosystem.

View Full Story





LARGE PROJECTS IN INDONESIA 2022

From forest to coast: Conserving Indonesia's threatened felids and sea turtles

Indonesia spreads across almost 18,000 islands. Whilst these only represent one percent of the world’s land area, remarkably their rainforests are home to 10 percent of the world’s known plant species, 12 percent of all mammal species and 17 percent of all known bird species.

View Full Story



LARGE PROJECTS IN THAILAND 2022

From stream to shore: Conservation of riverine species and wintering shorebirds

Thailand ranks the 20th among countries globally in terms of the rate of biodiversity, but as many as 470 species around the country are facing the threat of extinction in the wild. Almost 20% of its land area and five percent of its total marine coastal area are protected.

View Full Story



PHILANTHROPY

The MBZ Fund manages a portfolio of Abu Dhabi's philanthropic interests related to species conservation that extends across the world and different species.

Lion (Zimbabwe) © Paul Funston/Panthera

PANTHERA

Since its founding in 2006, Panthera's wild cat conservation projects across all continents, have had the unique opportunity to experience the abundant richness of the geographical landscapes that wild cats inhabit as well as the culture and heritage of the Indigenous Peoples and Local Communities that live alongside these iconic wild cat species.

Decades of wild cat biology studies at Panthera have definitively identified wild cats, especially big cats, as indicators of the health of our planets' biodiversity. Their work has also shown that there is significant overlap of the wild cat territories that they study, with traditionally held territories of indigenous peoples who are intergenerational caretakers of these global climate-crucial landscapes.

In partnership with Panthera, the Mohamed bin Zayed Species Conservation Fund develop and manage a customized small-grants mechanism, designed to engage with Indigenous organizations to protect biocultural diversity in critical landscapes, and participate actively in the protection of wild cat conservation.


Tiger (Russia) © John Goodrich/Panthera

Accomplishments include:

- Building the **Tigers Forever** Protocol, which has helped tiger populations rebound in key sites across India and Nepal and is turning the tide against poachers in Southeast Asia.
- Spearheading the Jaguar Corridor Initiative to protect critical jaguar habitat across 18 countries and keep jaguar

populations connected (and genetically diverse) from northern Mexico to northern Argentina.
- Advancing wildlife technology with our revolutionary **PoacherCams** that help to catch poachers in real-time.
- Forging an extraordinary alliance between **six Indigenous tribes** and state and national government agencies to preserve pumas and bobcats in Washington State.
- Formulating a comprehensive strategy to study and conserve the **33 species of small cats.**

Our impact can also be measured by the growth of other local wildlife species, the economic opportunities and benefits our projects provide to local communities, the reduction of incidents of crime and wildlife part trafficking in and around protected areas and the number of people who join our movement. Protecting cats provides a host of ecosystem and community benefits, from the maintenance of key watersheds to the creation of ecosystem industry jobs.

View website





FINANCIALS

The financial reporting of the Mohamed bin Zayed Species Conservation Fund focuses on the performance of its endowment, as well as the reporting of an independent auditor who ensures compliance with financial standards set by the government of Abu Dhabi.

ENDOWMENT

The endowment

The endowment of the Mohamed bin Zayed Species Conservation Fund was created in April 2009, with an initial allocation of $27.5m. Since then, it has been managed in such a way as to provide for the financial needs of the small grants programme in perpetuity.

The long-term objective of the endowment, as described in its Investment Policy Statement, is:

- to make annual distributions for the benefit of species conservation, in accordance with the MBZ Fund’s spending rule;

- to preserve the capital in US dollars over a 10-year time horizon; and, to the extent that these two objectives are met;
- to grow the capital by having financial returns in excess of the distributions made.



spot-billed Pelican (Thailand) © Bird Conservation Society of Thailand


Trachypithecus Obscurus Eating Bamboo Leaves (Thailand) © WCS

The endowment’s capital has risen from $27.5m (initial allocation) to $29.5m at the end of 2022, while $19.8m have been distributed in grants over the same period[1], achieving all three of the endowment’s goals.

The Investment Policy of the Fund was revised in Q1-2023, three years after the previous revision. The desired investment objective is a long-term rate of return on assets of 4.5% net, measured in USD and using a total return approach (income as well as capital gains). By long-term, we mean beyond a full business cycle, therefore approximately 8-10 years. When defining the appropriate performance goal, the Board has taken into account a risk tolerance of a 15% loss over a one-year period. The risk measure used is an Expected Shortfall with a 95% confidence interval. Put simply, it means that if we envisage twenty possible scenarios, the worst one should not lead to more than an average 15% loss.

Since inception, the annualised net performance of the endowment has been +4.80% (MW), slightly above the current target. Over the last three years, it has been +5.03% (MW), above the current 4.5% target and slightly above the previous 5% one.

At the end of the year, the endowment was managed through discretionary mandates by Goldman Sachs and Banque Pictet, complemented by investments in PGIM, Blackstone and Aurum Millenium funds.

Since July 2015, Perennium SA is the independent financial advisor of the Fund. Perennium assists with establishing and reviewing investment policy, objectives and guidelines; defining strategic asset allocations; selecting investment options and managers; reviewing such options and managers over time; measuring and evaluating investment performance; and producing consolidated financial reports.

Additional distributions to the benefit of species conservation were made outside of the endowment (directly from donations), to the tune of $4.2m, bringing the total to $24m.

MARKETS AND PERFORMANCE IN 2022

After a series of three excellent years for financial markets and for the portfolio (which registered double-digit performances), the year 2022 was exceptionally difficult. The biggest driver of this was much stronger-than-expected inflation, which hit multi-decade highs and led central banks to embark on their most aggressive tightening cycle in a generation. In the meantime, investors also had to grapple with geopolitical turmoil, since Russia's invasion of Ukraine led to massive spikes in energy and food prices that particularly hit emerging market economies.

Financial markets fell across the board, and this included both equities (worst annual performance for the S&P500 index since the GFC in 2008) as well as bonds (worst annual performance for the Bloomberg US Treasury index since data begins in 1973). The exceptional pattern of 2022 was this conjunction of the fall in equities and in bonds, the worst in combined magnitude since 1928.

Against this backdrop, the MBZF portfolio proved very resilient (owing to the changes implemented since 2016), limiting its losses to -6.1%. By ways of comparison, the average balanced USD portfolio registered -14.4% in 2022. A three-year comparison is even more striking: from 2020 to 2022, the MBZF portfolio is at +5.0% annualized vs +0.3% for the average balanced USD portfolio.

The "traditional" portfolio (equities and fixed income) managed by Goldman Sachs delivered -12.9% while the part of the "alternative" portfolio (private equity, hedge funds and real estate) managed by Banque Pictet and the MBFZ directly delivered +1.2%.



Bird Surveys © Allan Taman



THE FUTURE: 2022 AND BEYOND

The Investment Policy Statement has been revised during the course of 2022 and will be revised again with the usual three-year frequency.

We have experienced a historical change of regime, after 35-40 years of falling interest rates and tamed inflation (the “Great Moderation”). The massive fiscal stimulus and near-zero interest rates seen during the pandemic have given way to tighter monetary policies and sharply higher bond yields.

While in 2023 the U.S. Federal Reserve and other major central banks have made progress against inflation and policy rates appear close to their peaks, rate cuts may not happen soon. Heading into 2024, inflation risks are skewed to the upside. Energy prices are a concern amid supply-side pressures.

Monetary policy effects typically are felt with a lag, so global economic growth remains at risk. The eurozone already is in recession, and China’s post-pandemic recovery has been disappointing. However, the U.S. economic outlook is more encouraging, as corporations and consumers both have proven less sensitive to higher rates compared with other major global economies. Fiscal stimulus has added further support.

We are not, however, changing our strategic asset allocation purely on the basis of market forecasts, and the investment philosophy of the Fund remains rooted in its three core tenets:

- The understanding that investing is about dealing with uncertainty. Trying to predict short-term market movements is a futile exercise. On the contrary, one must prepare for all eventualities.
- The focus on portfolio resilience, using components having the right level of true diversification (i.e., different behaviours). Portfolio construction is the key element of the investing value chain.
- The choice of a (very) long-term view. A long investment horizon also allows the use of a wider range of financial

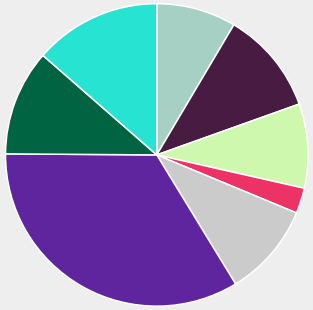
assets and a better connection with the real economy.

DISTRIBUTION OF FUNDS

DISTRIBUTION OF PROCEEDS

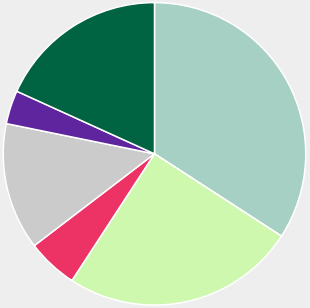
In 2022 the Fund distributed a total of $1.5 million which supported 179 projects selected from 1,438 grant applications. With restrictions lifted post the Covid pandemic, the Fund were able to support more applicants than in 2021. Another major achievement ensured that the Fund managed to extend their reach by covering an additional 94 species and sub species. The average fund size awarded was $8,913.92 compared to $9,056 from funds in 2021.

DISTRIBUTION OF FUNDS BY SPECIES TYPE



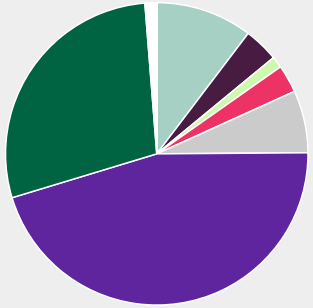
Amphibian	$135,854
Bird	$175,950
Fish	$143,565
Fungus	$43,500
Invertebrate	$159,649
Mammal	$539,947
Plant	$180,646
Reptile	$216,480

DISTRIBUTION OF FUNDS BY CONTINENT



Africa	$545,084
Antarctica	$0
Asia	$399,433
Europe	$86,550
North America	$216,791
Oceania	$57,200
South America	$290,533

DISTRIBUTION OF FUNDS BY IUCN RED LIST



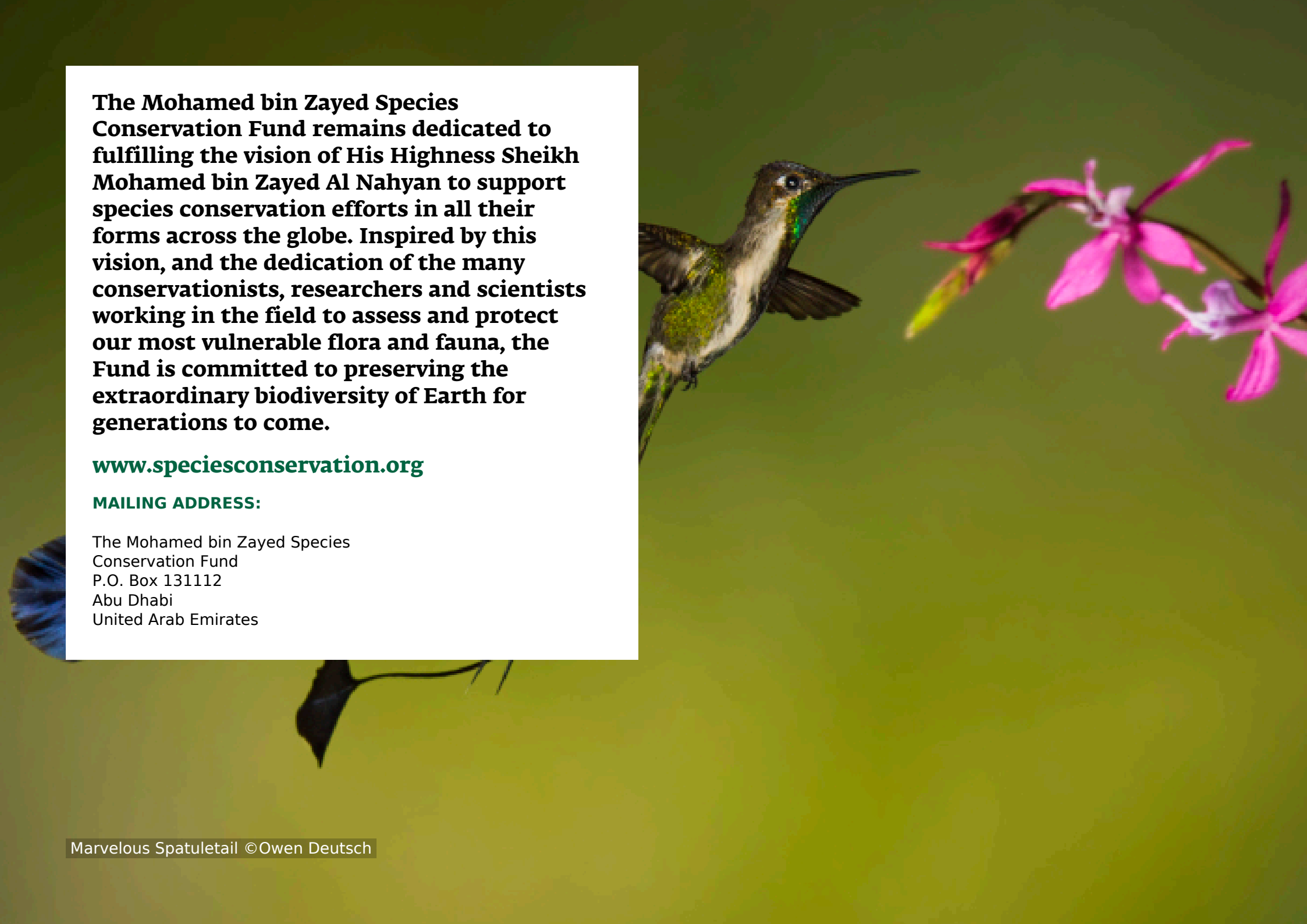
Not Evaluated	$164,841
Data Deficient	$58,976
Least Concern	$19,465
Near Threatened	$47,500
Vulnerable	$106,314
Critically Endangered	$724,814
Endangered	$453,681
Extinct in the Wild	$20,000
Extinct	$0

The Mohamed bin Zayed Species Conservation Fund remains dedicated to fulfilling the vision of His Highness Sheikh Mohamed bin Zayed Al Nahyan to support species conservation efforts in all their forms across the globe. Inspired by this vision, and the dedication of the many conservationists, researchers and scientists working in the field to assess and protect our most vulnerable flora and fauna, the Fund is committed to preserving the extraordinary biodiversity of Earth for generations to come.

www.speciesconservation.org

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Marvelous Spatuletail ©Owen Deutsch