

A close-up photograph of a Secretarybird, showing its head, neck, and upper body. The bird has white plumage, a yellowish-orange face, and a sharp, hooked beak. Its long, dark feathers are visible on its back and wings.

THE PEREGRINE FUND

The Secretarybird is ranked
as the highest-priority raptor
species for conservation action.



2023
ANNUAL
REPORT

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Secretarybirds © Ralph Buij

EVOLUTIONARILY DISTINCT & GLOBALLY ENDANGERED (EDGE)

With more than half of all raptor species in decline, we have to carefully allocate our resources to where they are needed most. EDGE allows us to scientifically rank raptor conservation priorities.

The **EDGE** method combines the **E**volutionary **D**istinctiveness and **G**lobal **E**ndangerment (extinction risk) of a species to get a numerical value (an EDGE Score). Using this method to analyze all raptor species worldwide, the Secretarybird stands out as the highest priority for conservation actions, followed by the Philippine Eagle and California Condor.

Scan to learn more about EDGE

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Cover photo:
Secretarybird © Jim Shane

A LETTER FROM LEADERSHIP

In a year of tragedy for The Peregrine Fund, there has also been inspiration and growth. We lost 21 California Condors to Highly Pathogenic Avian Influenza (HPAI) in just over a month, which was a devastating blow to the flock and the team. But with all the heartbreak and disappointment, we persevered the only way we know how—with a steadfast commitment to addressing issues head-on, determining the needs for recovery, and putting boots on the ground into action.

Our science team spends countless hours researching imperiled raptors and their threats across the globe. This research has resulted in a better understanding of raptor survival, the plight each species faces, and the actions needed for recovery. The last year presented an opportunity to highlight our research in combining species' evolutionary distinctiveness with their extinction risk. The result is the EDGE scores which help to identify the most unique bird species on the brink of extinction. Working with global partners and local collaborators, we have re-evaluated how to prioritize species and places for conservation action. The result is a roadmap for bird conservation in the 21st century. Species including the California Condor, Philippine Eagle, Secretarybird, and Madagascar Serpent-eagle are of greatest conservation priority, and they will be part of our focus in the coming years.

Through persistent, steady, and optimistic leadership, The Peregrine Fund continues to work with internal teams, external partners, local communities, and governments around the world to shape an effective model for endangered species recovery. Today we are transforming outcomes from what was once hopeless to successful conservation.

Respectfully yours in conservation,

Chris N. Parish *Chris McClure*

Chris N. Parish & Chris McClure, PhD

At left: Chris Parish - President & CEO
Below: Chris McClure - Executive Vice President of
Science & Conservation



© Heather Meuleman

WHAT MAKES US DIFFERENT

The Peregrine Fund has been successfully conserving birds of prey worldwide for 50+ years. In that time, we have developed a brand of conservation that has been effective across all programs and has positioned us as leaders in our field. Hope and dogged determination change the course for endangered species, and this is our key to recovering species. This philosophy of steadfast optimism represents our potential as a society to not only identify species in need, but bring them back from the brink—a testament to our understanding of systems, identification of challenges, and mobilization of our citizenry to solve them.

2023 reinforced our brand of conservation as what makes us different and more effective than other organizations. As we move forward, we will continue the work, evolve as necessary, and deliver on the mission with the determination and optimism needed to ensure our conservation efforts are holistic, complete, and sustainable.

A YEAR OF MIRACLES, GRADUATES, AND GROWTH

What we present in the following pages is a culmination of accomplishments in 2023. It will highlight the key factors in our approach from identifying needs in a tragedy, developing strategies and solutions, and putting boots on the ground to implement. We will also celebrate with enthusiasm the miracles (e.g., Condor 1221), the graduates, and the growth.



At left: Lappet-faced Vulture

Below: Marta Curti and Carlos Suárez inspiring young students



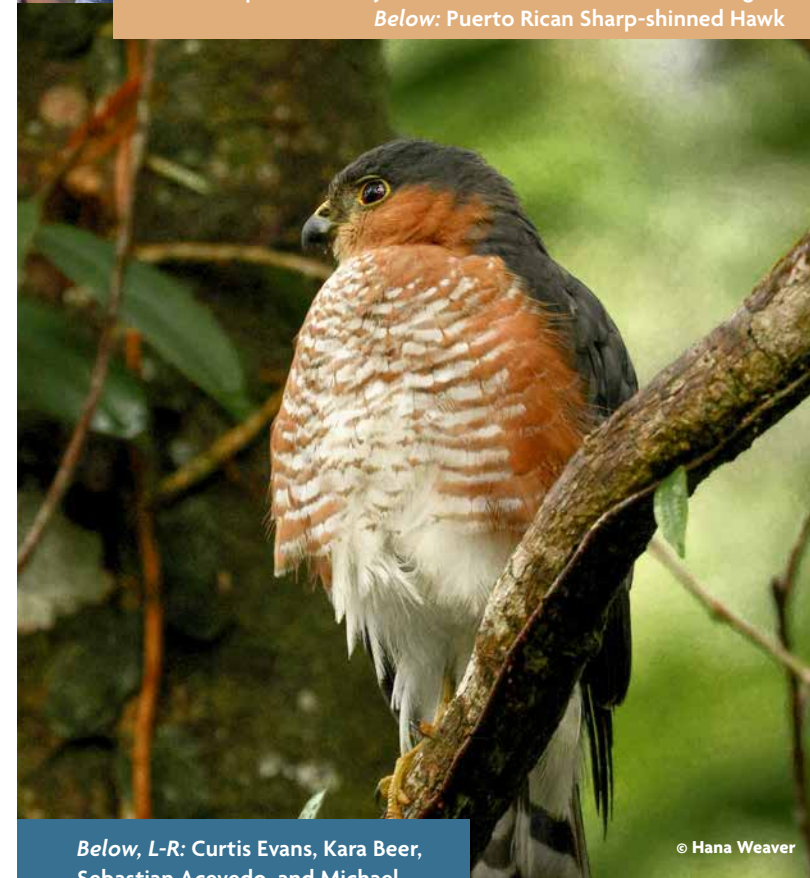
© Bill Saltzstein

© Munir Virani



Above: Stephanie Ashley and an Avian Ambassador at Fall Flights

Below: Puerto Rican Sharp-shinned Hawk



Below, L-R: Curtis Evans, Kara Beer, Sebastian Acevedo, and Michael Henderson in western Alaska

© Michael Henderson



© Hana Weaver



© Courtesy of The Peregrine Fund

Above: Martin Odino hosts training workshop for rangers in Kenya

Below: Erin Brannon scans for condors in Arizona

© Alan Clampitt



IN MEMORIAM

THE TRUE COST OF RECOVERY

In March 2023, tragedy struck the Arizona-Utah flock of California Condors when Highly Pathogenic Avian Influenza (HPAI) infected and killed 21 condors in just over a month. This high level of mortality set recovery efforts back a decade or more, something we cannot afford while still actively working against the number one cause of death for condors—lead poisoning.

While our teams worked hard to steady the situation and accept the reality, memories persist of the 21 condors who died. California Condors are not only the most endangered raptor in North America, they are also one of the longest-lived raptor species in the world and can live 50 years or more. This means our team becomes familiar with each of the individual condor's traits, characteristics, and nuanced behaviors. It becomes very personal, and although we lose condors to lead poisoning nearly every year, this loss was unexpected and different.

Out of respect to the birds we lost so quickly en masse, California Condor Program Director Tim Hauck, field biologist Heather Morris, and team assembled this memorial to honor them.

Scan to watch
Recovery &
Resilience
in action

114 (Tag #14)

April 9, 1995–April 3, 2023

Age: 27y 11mo Sex: Male

Young Fledged: 5

He was the oldest bird in the population—released into the wild population in 1997! He successfully fledged five young in the AZ/UT population. A true legend of the southwest.

© Alan Clappitt



© John Sherman

691 (Tag #N6)

April 27, 2013–March 20, 2023

Age: 9y 10mo Sex: Male

Hatched at San Diego Wild Animal Park.

He was released on November 29, 2015.

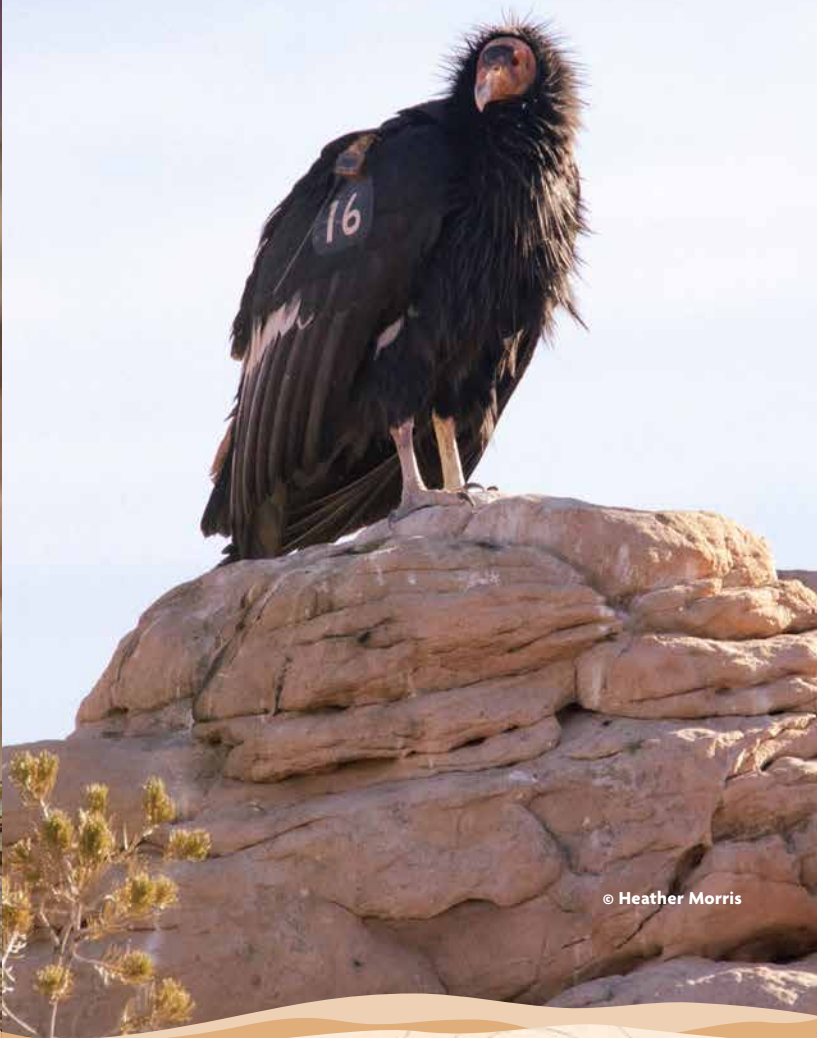
316 (Tag #16)

May 18, 2003–April 7, 2023

Age: 19y 10mo Sex: Female

Young Fledged: 2

Dam (mother) of 1221 ("Milagra").
In her final days, she suffered from both lead poisoning and HPAI.



© Heather Morris

611 (Tag #11)

April 3, 2011–March 28, 2023

Age: 11y 11mo Sex: Male

He had formed a trio with 802 and 743,
and there were high hopes for them to
raise young before HPAI hit.



© Heather Morris



© John Sherman

409 (Tag #9)
 April 23, 2006–March 28, 2023
 Age: 16y 11mo Sex: Female

Young Fledged: 2
 She produced the first wild fledgling from
 Zion National Park (CACO #1000).



© Heather Morris

389 (Tag #89)
 May 28, 2005–April 4, 2023
 Age: 17y 10mo Sex: Female
Young Fledged: 3
 Hatched in the wild at
 Vermilion Cliffs. Dam of 766;
 the first second-generation
 wild fledge.

© Andrew Orr

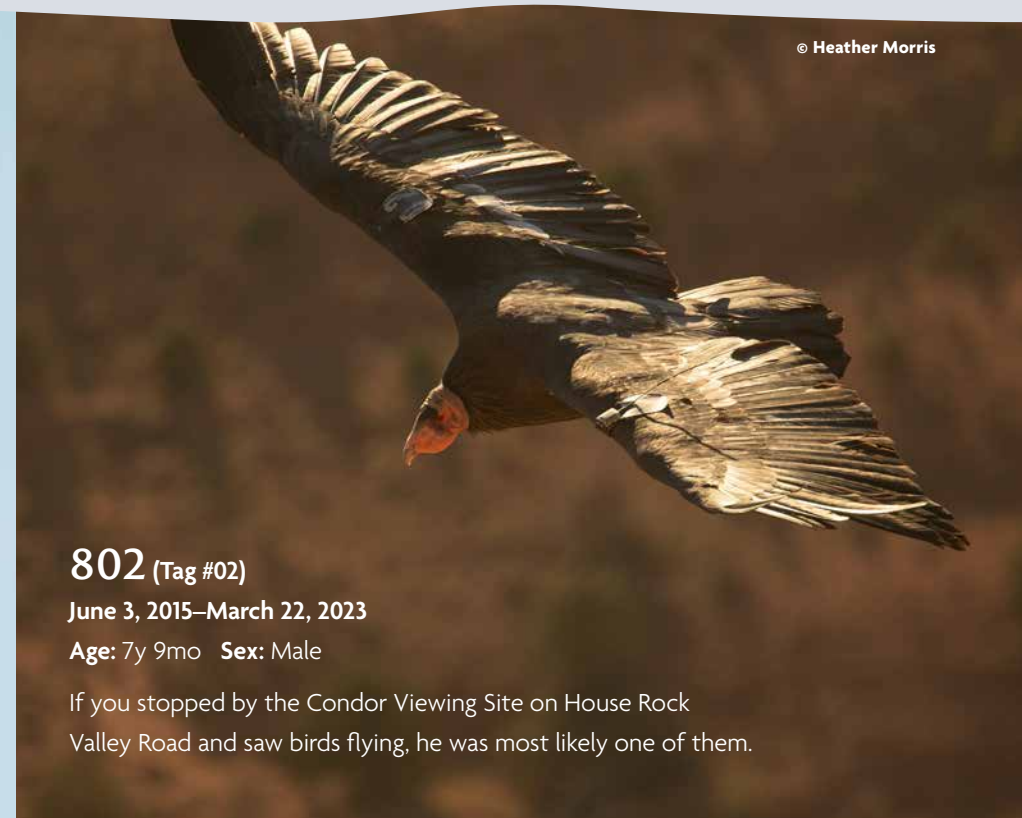


735 (Tag #P5)
 April 19, 2014–March 22, 2023
 Age: 8y 11mo Sex: Male
 He was a well known traveler, always pushing
 the boundaries of the southwest condor range.

743 (Tag #P4)
 April 12, 2014–March 22, 2023
 Age: 8y 11mo Sex: Female
 She was the female in the trio
 with males 611 and 802.



© Heather Morris



© Heather Morris

802 (Tag #02)
 June 3, 2015–March 22, 2023
 Age: 7y 9mo Sex: Male
 If you stopped by the Condor Viewing Site on House Rock
 Valley Road and saw birds flying, he was most likely one of them.

IN MEMORIAM THE TRUE COST OF RECOVERY

541 (Tag #J4)
 May 26, 2009–March 21, 2023
 Age: 13y 9mo Sex: Female
 Hatched in the propagation facility at the
 World Center for Birds of Prey, she was paired
 with 388 and together they were incubating
 an egg when HPAI took their lives.



© Andrew Orr

© Heather Morris



388 (Tag #88)
May 22, 2005–March 21, 2023
Age: 17y 9mo Sex: Male

Hatched at propagation facility at World Center for Birds of Prey. Weighing in at 23.5 pounds, he was one of the most intimidating birds (condors generally weigh between 15 and 25 pounds).

© Heather Morris



1176 (no tag)

April 29, 2022–April 4, 2023
Age: 11mo Sex: Male

He was hatched in the wild at Rider Canyon to parents 586 and 634.

© Heather Morris



1084 (Tag #5A)

April 22, 2021–March 22, 2023
Age: 1y 11mo Sex: Female

Full of personality and fight, she was the first bird out of the pen at the 27th Annual Public Condor Release.

© Heather Morris



910 (Tag #X1)

March 29, 2018–April 8, 2023
Age: 5y Sex: Female

One of the most active fliers at the Navajo Bridge, she always put on a show.

833 (Tag #T3)

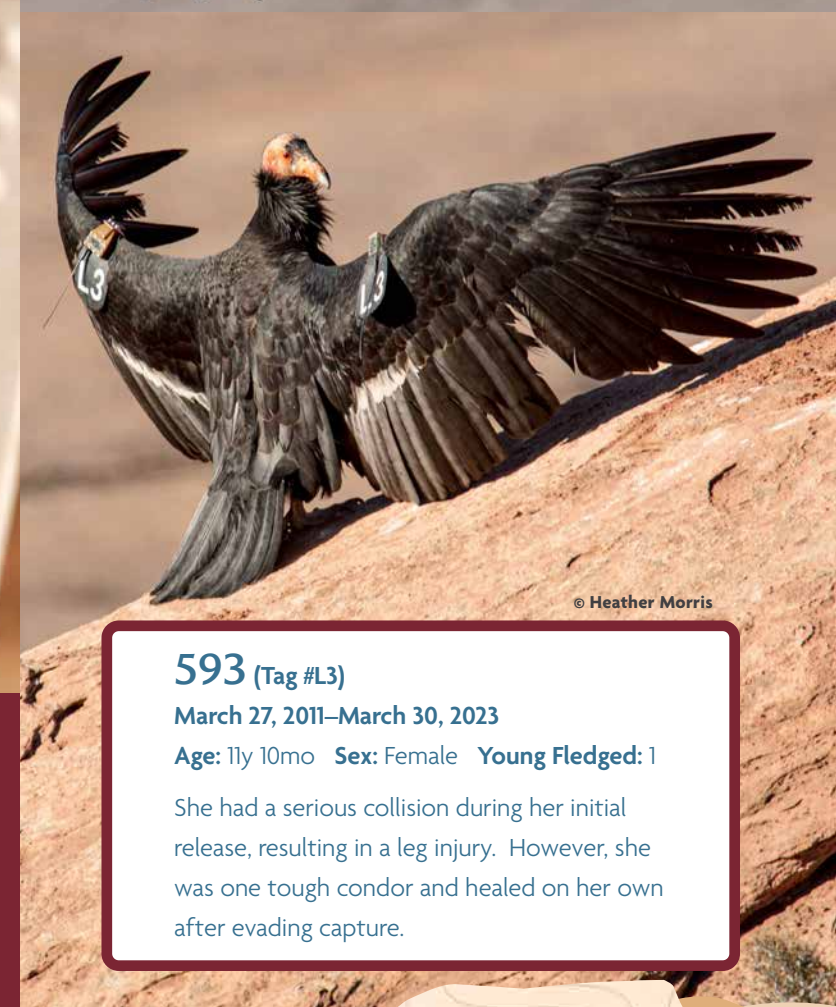
April 24, 2016–March 13, 2023
Age: 6y 10mo Sex: Female

She was making her first nesting attempt with 691 when she was lost to HPAI.

© Andrew Orr



© Heather Morris



593 (Tag #L3)

March 27, 2011–March 30, 2023
Age: 11y 10mo Sex: Female Young Fledged: 1

She had a serious collision during her initial release, resulting in a leg injury. However, she was one tough condor and healed on her own after evading capture.

775 (Tag #R5)

April 5, 2015–March 30, 2023

Age: 7y 11mo Sex: Female

Young Fledged: 1

Hatched at Oregon Zoo, dam of 1150 at the Navajo Bridge. She was caring for 1150 with her surviving mate, 619, when she was lost to the flu.



© Heather Morris

1073 (Tag #9A)

April 7, 2021–March 29, 2023

Age: 1y 11mo Sex: Male

He took to the skies at the 27th Annual Public Condor Release. His memory lives on in the live broadcast on The Peregrine Fund's Youtube channel.



© Heather Morris

IN MEMORIAM

THE TRUE COST OF RECOVERY



© Heather Morris

1068 (Tag #8A)

March 29, 2021–April 12, 2023

Age: 2y Sex: Male

He was adventurous and the first of his cohort to travel from the release area and into the Kaibab National Forest.

1113 (Tag #3A)

May 20, 2021–March 25, 2023

Age: 1y 10mo Sex: Male

A second generation wild fledge of 349 and 610. He hatched close to the condor release site and had just started to gain independence from his parents.



© Heather Morris

1009 (Tag #Z9)

March 3, 2020–April 3, 2023

Age: 3y 1mo Sex: Female

Hatched at the San Diego Wild Animal Park, she was released on October 19, 2021.



© Heather Morris

OUT OF TRAGEDY COMES HOPE

From the tragic HPAI outbreak that killed 21 condors came a beacon of hope in the form of California Condor 1221, aka “Milagra.” This young condor won thousands of hearts through her resilience during a very challenging period.

On April 17, 2023, our California Condor field team recovered an egg from the nest of a mother who had died of HPAI. We transported the egg to Liberty Wildlife where they were able to successfully hatch CACO 1221 on May 9. She was flown to our breeding facility at the World Center for Birds of Prey where she was further cared for by a pair of foster condor parents and is thriving in preparation for her release back into the wild in the Fall of 2024.

CONDOR NESTLING GETS A NATIONAL SPOTLIGHT

During a time of uncertainty and heartbreak surrounding the HPAI outbreak, Milagra's story provided a reason for national joy. Her story was captured brilliantly through the lens of wildlife photographer Karine Aigner and was consequently picked up by multiple major news outlets making it onto the cover of *Audubon Magazine's* Fall issue! We're thankful for the spotlight she received and the heartfelt messages that continue.



© Courtesy of The Peregrine Fund

Above: Milagra hatching from her egg
Below: Milagra with an artificial foster parent



© Liberty Wildlife



© Matthew Danihel

Above: Fall 2023 *Audubon Magazine* cover
Below: Milagra with a foster parent



© Chelsea Haitz



© Kelsey Tatton

Above: Milagra at seven months old

AN EXPANDED RESOURCE FOR EDUCATION WORLDWIDE

In April of 2023, we completed an expansion of our educational campus at the World Center for Birds of Prey. The new facilities doubled our capacity to serve area students on grant-funded field trips and serve the general public. "Special attention was given to how people use our facility," said Tate Mason, Director of The Peregrine Fund's World Center for Birds of Prey. "We created compelling entrances for both students and the public. The new pathways encourage guests to explore the Center while learning about our story."

A TRIBUTE TO OUR FOUNDER

When visitors enter, they immediately encounter a new landscape-based exhibit that pays tribute to the falconers and biologists who founded The Peregrine Fund and helped to save our namesake bird from extinction. Here, people are introduced to the legacy of Dr. Tom Cade and his immeasurable contributions to the world of conservation. Local success stories are highlighted throughout the grounds as well with a prominent exhibit that features the partnership between Morley Nelson and Idaho Power—an engagement that resulted in utility pole designs that are safer for birds of prey.

"My favorite addition is the Open Skye Theater. We are now able to offer dynamic presentations with flighted birds in a variety of spaces, and the Open Skye Theater is the perfect size for daily programming."

- Stephanie Ashley, Curator of Birds

A RECORD IS SET IN 2023

The World Center for Birds of Prey hosted a record number of visitors in 2023, with over 52,000 people in attendance. Our new campus is key to providing a world-class experience for visitors, and we are excited to continue inspiring the next generation of conservationists!

Visitors flock to the new welcome center



© Bill Saltzstein

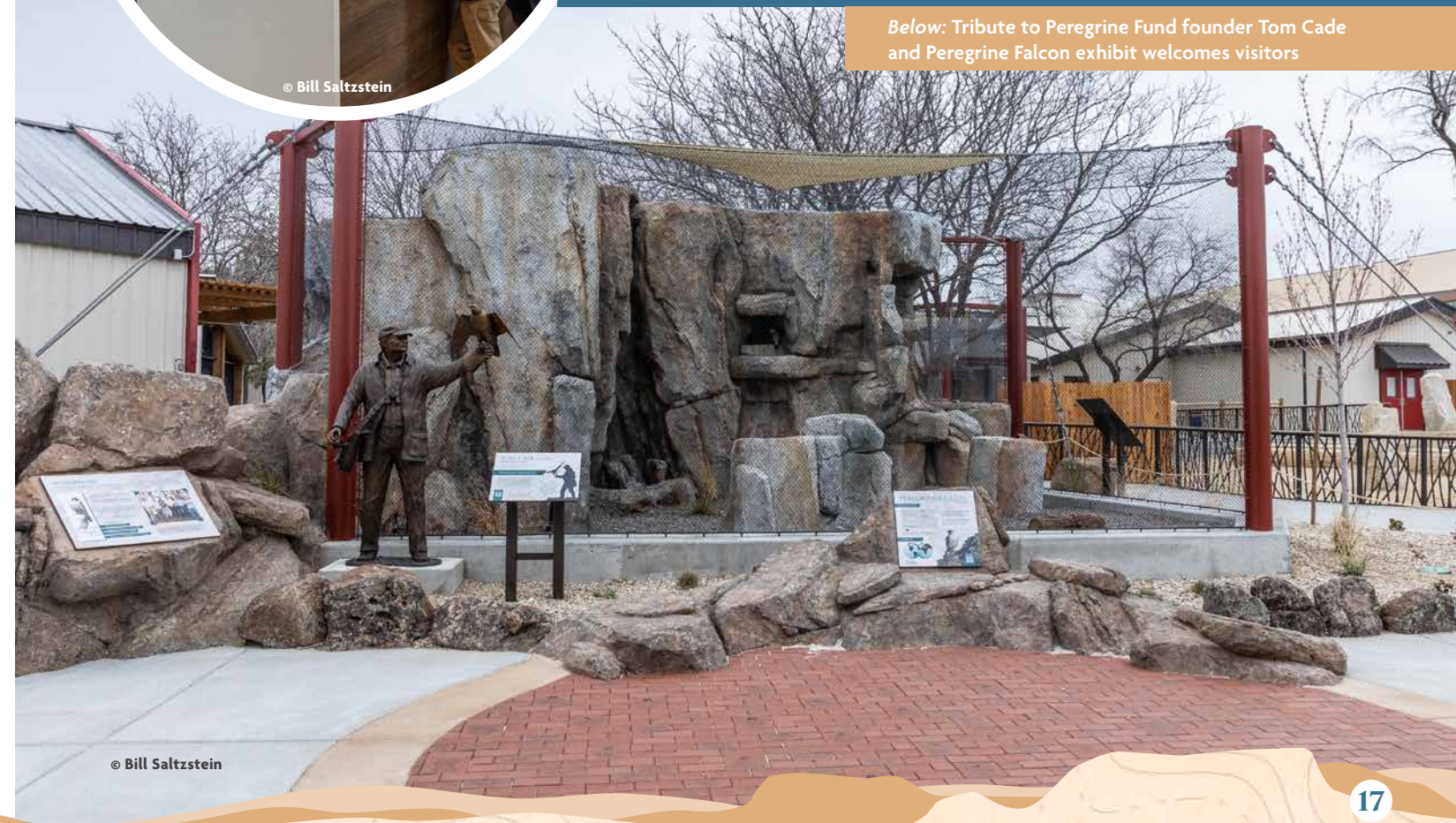


© Bill Saltzstein

At Left: Molly Mundell with visitors in new visitor center

Above: The Peregrine Fund and Sandy Anderson along with members of the Boise Chamber of Commerce open the Center as Harry Bettis cuts the ribbon

Below: Tribute to Peregrine Fund founder Tom Cade and Peregrine Falcon exhibit welcomes visitors



© Bill Saltzstein

THE YEAR OF DR. LILY

2023 has been recognized internally as the “Year of Dr. Lily” because our Madagascar Program Director was recognized with two highly prestigious awards. In February 2023, Dr. Lily-Arison Rene de Roland was named a member of the Explorers Club EC50, which recognizes 50 people each year who are doing remarkable work to promote science and exploration. Later, in May 2023, he was awarded the 2023 National Geographic Buffett Award for Leadership in Conservation which celebrates unsung conservation heroes.

DECADES OF DISCOVERY AND DEDICATION

These outstanding recognitions follow Dr. Lily’s decades of service in Madagascar, where he has discovered several new species, led the establishment of four national protected areas, developed community-focused conservation programs, and mentored over 100 Malagasy graduate students.

In September 2023, Dr. Lily led some of The Peregrine Fund’s U.S.-based leadership on a Madagascar expedition. Dr. Evan Buechley (VP of Conservation–International Programs), Dr. Christopher McClure (Executive VP of Science and Conservation), and Russell Thorstrom (Conservation Director of Madagascar and West Indies) spent three weeks visiting protected areas, engaging with The Peregrine Fund’s Malagasy staff, and meeting with local communities. “The overall goal of this trip was to increase engagement with our Madagascar Program,” explains Evan. “We had an excellent opportunity to meet most of the more than 40 staff and technicians that work on the program, in addition to at least a dozen graduate students that contribute to the program doing various studies.”

Dr. Lily represents the best that The Peregrine Fund has to offer in conservation leadership. His role in science, training, and education exemplifies our approach and magnifies the importance of conserving raptors worldwide.



© Evan Buechley



Below: Dr. Lily at Nat Geo Fest

© Olivier Langrand



Below, left: Madagascar Red Owl

© Evan Buechley

Below, right: The Peregrine Fund’s leadership exploring Madagascar

CONSERVATION LEADERSHIP IN ACTION

A key to long-term success with raptor conservation is conservation leadership. We invest in tomorrow’s leaders through scholarships, training, and mentorships. It is how we safeguard the future of raptor populations while saving birds today.

DEVELOPING LEADERS IN THE NEOTROPICS

Our Neotropical Conservation Director, Dr. Hernán Vargas, actively mentors students in Central and South America and celebrated four students graduating in 2023. Among them, Alejandra Parrado, a master’s program grantee from Colombia, graduated in April 2023. Her research significantly increased knowledge of the declining and Critically Endangered Andean Condor population in Colombia. Jimmy Velasteguí earned his Ecosystem Engineering degree in May 2023 after completing research on food consumption patterns by scavengers, particularly vultures, in eastern Ecuador’s tropical rainforest. This study helped reveal little-known scavenger ecology in the tropical rainforests of South America.



Jimmy Velasteguí at graduation

MENTORING IN MADAGASCAR

In Madagascar, Dr. Lily-Arison Rene de Roland, Madagascar Program Director, celebrated seven graduating students in 2023. Heritiana Josoa graduated with a PhD studying the impacts of humans on a lemur species in western Madagascar. Mananjo Tafita Masoandro received a Master’s degree studying fish ecology in a western Madagascar lake. Other students worked on plant structures, waterbird behavior, and lemur diversity. These diverse research projects are building an understanding of the importance of the protected areas that we manage in Madagascar, ultimately benefiting people and biodiversity in Madagascar, including priority raptor species.

Dr. Lily (second from left) and Heritiana Josoa (center) with PhD committee



© Fabrice Séraphin

ARCTIC ECOSYSTEMS

CLIMATE CHANGE & RAPTORS

Arctic ecosystems are rapidly experiencing the impacts of climate change. Understanding the mechanisms of these changes can provide insight into how we expect climate change to affect ecosystems in the future. The Peregrine Fund's Gyrfalcon and Tundra Conservation program specifically studies how climate change is impacting Gyrfalcons and other Arctic raptors to guide research initiatives and conservation plans for raptors globally. In 2023, led by Project Manager Michael Henderson, the program released three new collaborative publications, all contributing to our working knowledge of global raptor conservation.

The first piece, a collaborative literature review published in the *Journal of Raptor Research*, summarizes the various pathways through which raptor populations may be impacted by climate change globally. Specifically, they discuss potential shifts in the timing of annual events, increased habitat loss, new disease threats, and geographic range shifts of species.

GYRFALCON AND DISEASE ECOLOGY

Shifts in disease range and severity are a particularly important threat to monitor since Arctic species have historically been sheltered from disease spread and, thus, have weaker immune system responses. Gyrfalcons are also at a higher risk of disease as they are found among multiple intersecting migratory pathways. Because of this high exposure to new diseases and diet overlap with other Arctic predators, the diseases found in Gyrfalcons can tell us what diseases may be present in other wildlife. The potential for the Gyrfalcon to be used as a sentinel of changing disease ecology in the Arctic is discussed in a chapter co-authored by Michael in *Wildlife Disease and Health in Conservation*.

A NEW METHOD OF DIET ANALYSIS

Predator and prey ranges are likely to shift with the increasing impacts of climate change, but tracking each species is impossible. Tracking diet patterns in predator species can alert researchers to shifts in prey populations. Michael, in collaboration with lead author Devin Johnson and others, presented a new method for diet analysis in wild populations in a January 2023 publication in *Ecology and Evolution*. This new method provides a powerful tool for researchers to analyze diet composition through a single blood sample while minimizing disturbance to wild raptors and reducing costs and logistical challenges. This will facilitate tracking diet changes over time for raptor biologists globally.

The Gyrfalcon and Tundra Conservation program continues to research the potential impacts of climate change on raptor populations, using Arctic ecosystems as an indicator of what's to come. This provides raptor biologists worldwide with evidence to proactively mitigate and respond to climate change impacts.

At left: Gyrfalcon

Below: Michael Henderson (right) and Sebastian Acevedo (left)

© Curtis Evans

©Neil Paprocki

A KEY EDUCATION TOOL

FOR THE CARIBBEAN

In 2023, our Hispaniola Program Director Marta Curti completed a new education and conservation resource guide entitled "Raptors of the Caribbean." The creation of this 200-page book was a remarkable, multi-year effort designed to promote understanding and appreciation of raptors throughout the Caribbean region.

Available in Spanish, English, and Haitian Creole, the book is divided into four chapters, each accompanied by learning and evaluation activities. It contains real-life conservation success stories, coloring pages, a playscript, and a list of conservation organizations throughout the Caribbean. Partner organizations, including BirdsCaribbean, Fundación Grupo Puntacana, National Zoo of Santo Domingo, and many more made this book possible. The guide is currently being distributed to educators at in-person teacher training workshops in the Dominican Republic.

"I believe the completion of this guide is a major milestone for raptor conservation throughout the Caribbean," states Marta. "As the only native terrestrial top predators in the Caribbean, the role raptors play in the ecosystems here is unparalleled. I hope this guide will help foster passion and compassion for the region's birds of prey and inspire students, teachers, biologists, and others to conserve these amazing birds."



RAPTORS OF THE CARIBBEAN

EDUCATION AND CONSERVATION RESOURCE GUIDE



Below, left and right: Teacher training workshops



© Marta Curti



© Marta Curti

30 YEARS LATER

ADAPTIVE MANAGEMENT FOR APLOMADO FALCONS

2023 marked 30 years since The Peregrine Fund initiated reintroductions of Aplomado Falcons to the grasslands of South Texas, labeling the Aplomado Falcon program our longest-running program!

The Northern Aplomado Falcon, which once ranged from northern Guatemala to the southern United States, vanished in the U.S. by the early 1950s due to habitat loss and DDT. Following the listing of the Aplomado Falcon in 1986, the U.S. Fish & Wildlife Service invited The Peregrine Fund to lead in recovery efforts, a project we have been pursuing since 1987. We developed a larger captive breeding and release program, and in 1993, we commenced full-scale releases to reintroduce sufficient numbers of falcons back into the wild.

WILD POPULATION STABLE BY 2013

After 20 years of reintroductions, the captive breeding program stopped in 2013 once our biologists determined that the wild populations had reached stable numbers. The program shifted to monitoring the wild populations, assessing threats, and restoring additional suitable habitats for range expansion.



© Paul Juergens

Aplomado Falcon nestlings

HABITAT LOSS THREATENS WILD POPULATION

The Texas Gulf Prairie continues to be one of the most threatened ecosystems in North America with only 1% of the original 6,000,000 acres remaining. Aplomado Falcons depend on wide-open grasslands with mature yucca plants for nesting, ample migrating birds to prey on, and a balance of other predators. While the loss of yuccas as nest sites is a concern in parts of the recovery area, increased interactions with predatory Great Horned Owls, facilitated by the encroachment of invasive woody plants into grassland and savannah habitat, is a primary concern. Our team responded to these threats by installing protective nesting structures for the falcons to safely raise their young and increased engagement and collaboration with land managers to restore and maintain habitat. The populations grew successfully without further reintroductions—that is, until August 2017 when disaster struck.

Nesting structure damaged by Hurricane Harvey

© Wade Ruddock



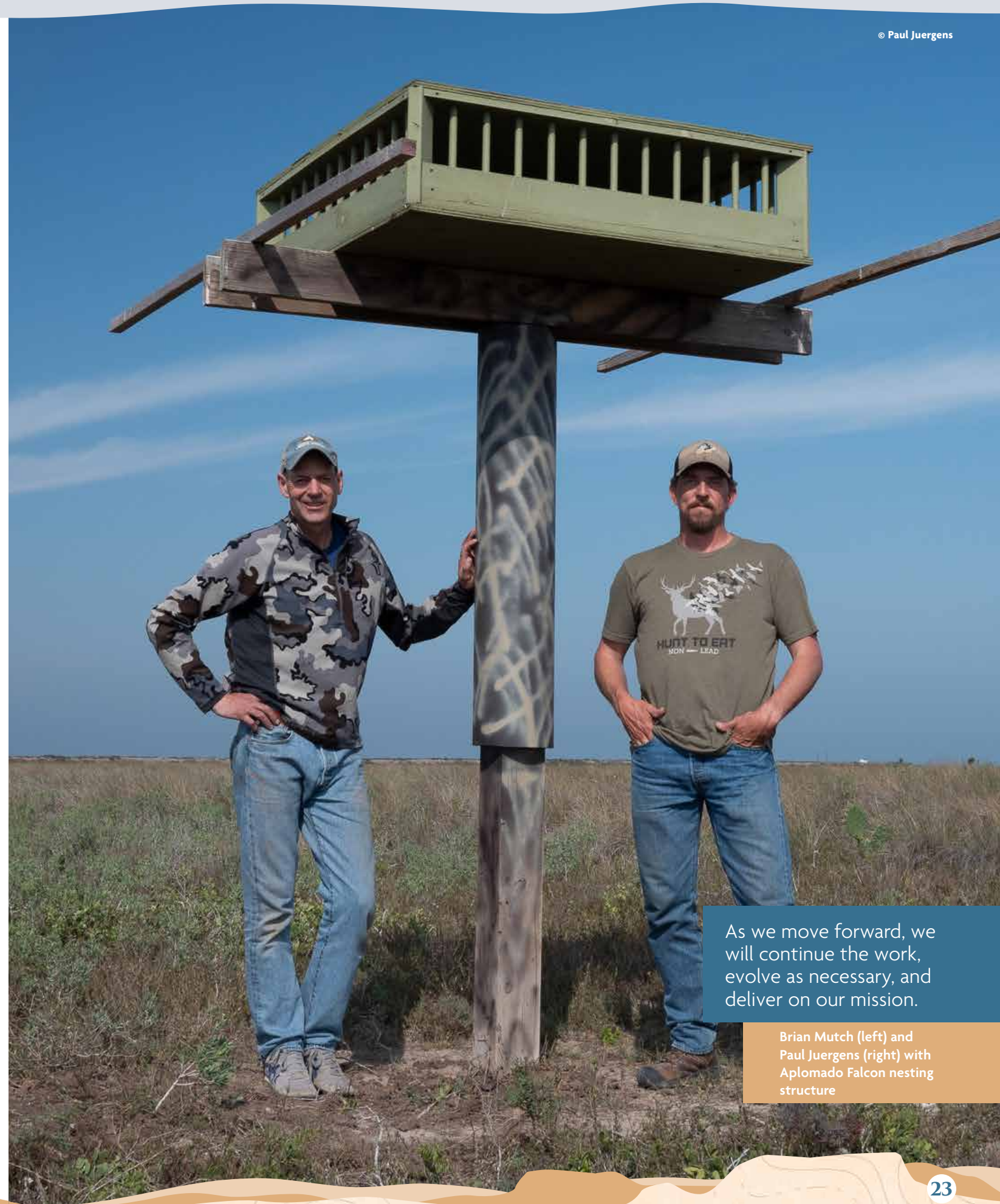
HURRICANE SETS BACK RECOVERY EFFORT

Hurricane Harvey, estimated as the costliest natural disaster in Texas history, wiped out 30% of the Aplomado Falcon population and destroyed many of the nesting structures. The recovery effort was set back over a decade. While the nesting structures were able to be repaired, the falcon population still suffers and will likely not recover without intervention. Over the past few years, the Aplomado Falcon recovery team has monitored the breeding success of the wild pairs while testing various options to augment wild populations. In the years to come, the program is prepared to restart a small captive breeding population to resume reintroductions, while continuing efforts to restore grassland habitats, a contribution that benefits numerous grassland species.

OVERCOMING MASSIVE OBSTACLES

In 2023, our program banded its 597th wild Aplomado Falcon and observed 23 pairs and 16 individuals during monitoring efforts in South Texas. Our Aplomado Falcon recovery program has had to overcome massive, unpredictable setbacks. The program's collaborative and adaptive approach to conservation has led to its continued success despite these barriers and exemplifies the approach The Peregrine Fund applies to conservation worldwide.

© Paul Juergens



As we move forward, we will continue the work, evolve as necessary, and deliver on our mission.

Brian Mutch (left) and Paul Juergens (right) with Aplomado Falcon nesting structure

TOM CADE AWARD

GOES TO ONE OF OUR OWN

In October 2023, The Raptor Research Foundation (RRF) presented Aplomado Falcon Program Director Brian Mutch with the 2023 Tom Cade Award! This award, named in honor of our founder, recognizes an individual who has made significant advances in or contributions to the conservation of raptors. With all Brian has accomplished in raptor conservation, the award was well deserved.

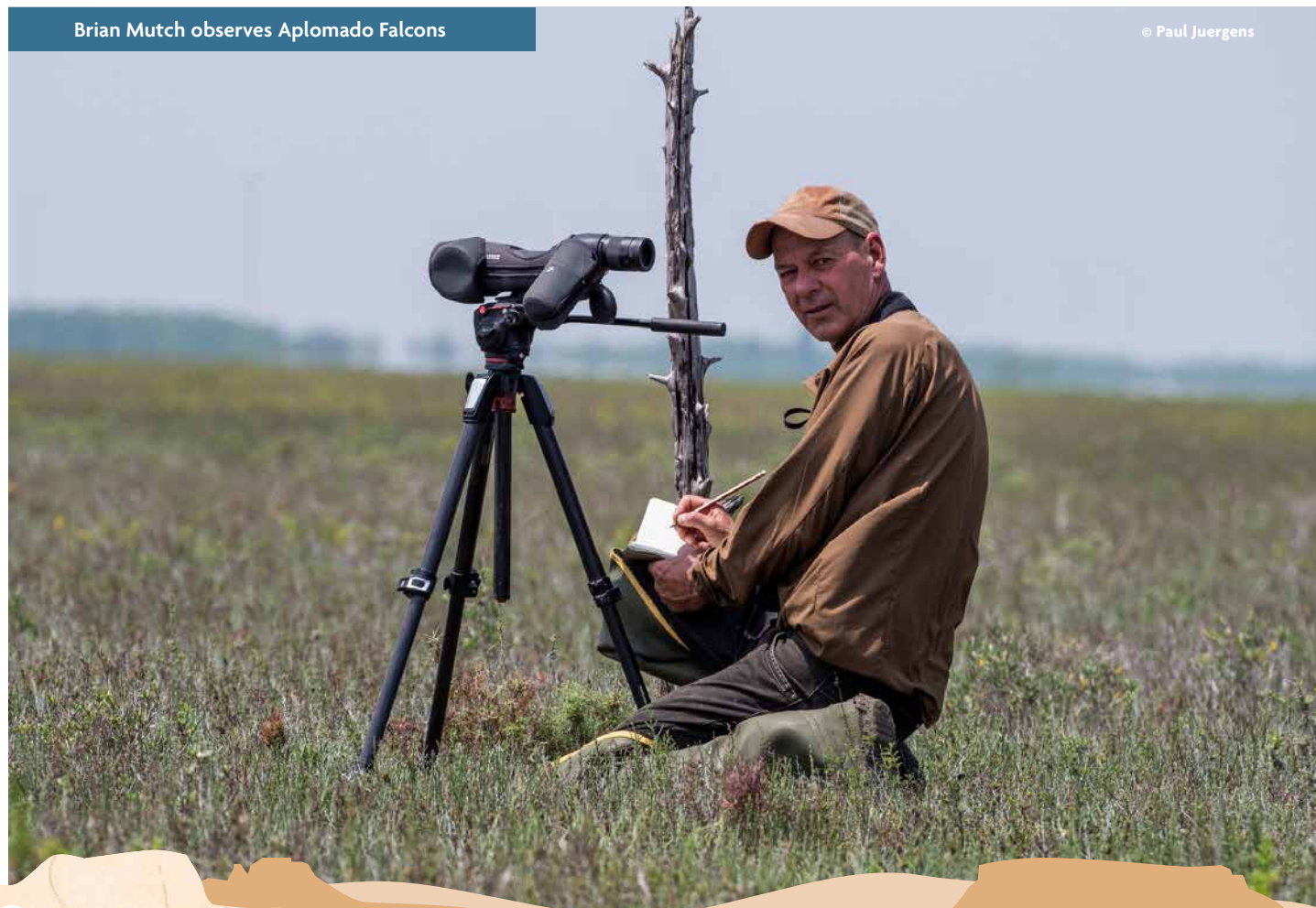
Brian has been working with The Peregrine Fund since 1988 and has been with the Aplomado Falcon program full-time since 1993. Brian's dedication to raptor conservation doesn't stop with Aplomado Falcons. He has been integral to Peregrine Falcon restoration in the western United States, research on multiple raptors in Greenland, the reintroductions of Harpy Eagles in Panama, Orange-breasted Falcons in Belize, California Condors in Arizona & Utah, and the impressive list goes on.

The Peregrine Fund's VP of Conservation—Domestic Programs, Paul Juergens, is a longtime colleague and friend of Brian. "Brian Mutch is most deserving of this award given he has not only devoted his career to the conservation, research, and recovery of raptors in Central and North America but has also been a life-long advocate and practitioner of falconry," says Paul.

"In having the pleasure to work with Brian for over 20 years now, I have found him to be a quintessential field biologist, falconer, and mentor who eloquently and willingly shares his knowledge. He leads by example, and he encourages excellence. As a colleague and friend, I congratulate Brian on this remarkable achievement. The Peregrine Fund is grateful for Brian's dedication to the Aplomado Falcon Program and global raptor conservation. "

Brian Mutch observes Aplomado Falcons

© Paul Juergens



© Paul Juergens

Above: Brian with Aplomado Falcon nestling
Below: Brian replaces wooden nest structure with aluminum design

© Paul Juergens



© ?????

OUR PARTNERS MAKE US BETTER

From the North American Non-lead Partnership and our work with the U.S. Forest Service in Panama to our collaborations in the Philippines, we are an organization made better by our partnerships. The following represent some of the highlights from 2023.



Golden Eagle

PROMOTING ECOSYSTEM HEALTH, WILDLIFE CONSERVATION, AND HUNTING HERITAGE—THE NORTH AMERICAN NON-LEAD PARTNERSHIP

The Peregrine Fund, the Oregon Zoo, and the Institute for Wildlife Studies co-founded the North American Non-Lead Partnership (NANP) in 2018. Today, the NANP consists of nearly 50 partners that represent wildlife agencies, landowners, hunting products, and non-governmental organizations focused on hunting and science-based wildlife management. This true partnership aims to shape and facilitate efforts to minimize the threat of unintentional lead poisoning in wildlife through voluntary incentive-based outreach and education programs while promoting ecosystem health, wildlife conservation values, and hunting heritage.

After wrapping up a busy 2023 season of non-lead workshops and ballistics demonstrations throughout North America, the Partnership is gearing up for a full 2024 calendar. They will attend workshops, conferences, and sports shows to provide educational information regarding the opportunity for hunters to consider non-lead ammunition for their hunting adventures. One such event will be the International Hunter Education Association (IHEA) conference in Missouri later this spring. The IHEA reaches nearly 45,000 hunter education instructors, who in turn reach about 500,000 hunters throughout the world, further extending the reach of the NANP efforts. The North American Non-Lead Partnership will be hiring a Northeast Coordinator in 2024. The position's overarching goal will be to maintain existing partnerships and develop new ones to increase the voluntary use of non-lead ammunition to improve ecosystem health.

NEW U.S. FOREST SERVICE PARTNERSHIP IN PANAMA

Our Panama program, situated in Darien, has been collaborating with indigenous communities since 2000 to conserve the biodiversity hotspot that supports the largest population of Harpy Eagles in Central America. In 2018, our Panama Program began focusing efforts on reforestation and agroforestry projects to restore degraded forests while improving the livelihoods of the surrounding indigenous communities. This work has been supported by the U.S. Fish and Wildlife Service since 2018. In 2023, we are excited to further our partnerships with the United States government, with the U.S. Forest Service joining as a collaborator and donor to this forest restoration project!

Between October 2023 and October 2024, the project aims to restore 12 hectares of degraded forest with native tree species using agroforestry systems. We will also assess if community-based avitourism can be used to promote forest conservation. Both of these objectives will be met through training indigenous youth from local communities through multi-day workshops, who will then be responsible for training additional community members to carry out reforestation campaigns. This project will provide economic opportunities while reinforcing ownership of the reforestation to the indigenous communities to which the land belongs. The results of this study will inform how to approach the larger goal of protecting and restoring the Darien rainforest.



Reforestation by local Darien Woman

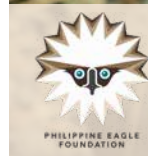
STRENGTHENING A PARTNERSHIP IN THE PHILIPPINES

The Peregrine Fund established a partnership in the Philippines decades ago when The Philippine Eagle Foundation approached our founder, Tom Cade, to help in their effort of propagation and conservation of the Philippine Eagle. Since that time, we have had representation on their board of directors, shared sound science, and helped build government awareness of the importance of raptor conservation in their country.

In July 2023, our Executive VP of Science & Conservation, Dr. Christopher McClure, traveled to the Philippines to build on the relationship, present new work, help design studies, and represent The Peregrine Fund as a committed partner with the Philippine Government.

While there, Chris gave presentations on his work titled "The State of the World's Raptors," which stresses the global condition of raptor species and the importance of prioritizing species most in need of action. The Philippine Eagle is one of those species. The audience included local groups, educators, and representatives of local indigenous tribes. He also presented on how to use the GRIN (Global Raptor Impact Network) app for collecting data on the new studies that he and The Peregrine Fund helped to design.

His tour included a site visit to the Conservation Breeding Sanctuary as well as a preview of the new facilities they are building at the location. He also met with the Secretary of the Interior and gave a televised interview. Chris's time in the Philippines illustrates the importance of partnerships and the role The Peregrine Fund plays in conservation leadership on a global scale.



Above: Philippine Eagle
Below: Chris McClure with Philippine Eagle Foundation team



FINANCIAL STATEMENT

The Peregrine Fund’s derived audited financial statements contain an unqualified opinion. Complete audited financial statements are available at peregrinefund.org/financials or may be obtained by contacting The Peregrine Fund’s Accounting Department, 5668 W Flying Hawk Lane, Boise, ID 83709.

STATEMENT OF ACTIVITIES

REVENUE SUPPORT & GAINS	2023	2022
Contributions	\$30,841,029	\$7,354,693
Government Grants	\$2,099,952	\$1,704,494
In Kind Contributions	\$229,277	\$422,104
Admissions & Sales	\$563,555	\$390,848
Investment Income	\$2,066,661	(\$2,258,568)
Other	\$225,358	(\$77,779)
Total Revenue	\$36,025,832	\$7,535,792

EXPENSES	2023	2022
Program Services		
Conservation, Research, & Education	\$8,031,460	\$7,537,914
Supporting Services		
General & Administrative	\$1,223,329	\$1,166,899
Fundraising & Membership	\$893,647	\$797,015
Total Supporting Services Expenses	\$2,116,976	\$1,963,914
Total Expenses	\$10,148,436	\$9,501,828
Change in Net Assets	\$25,877,396	(1,966,036)
Net Assets, Beginning of Year	\$26,473,785	\$28,439,821
Net Assets, End of Year	\$52,351,181	\$26,473,785

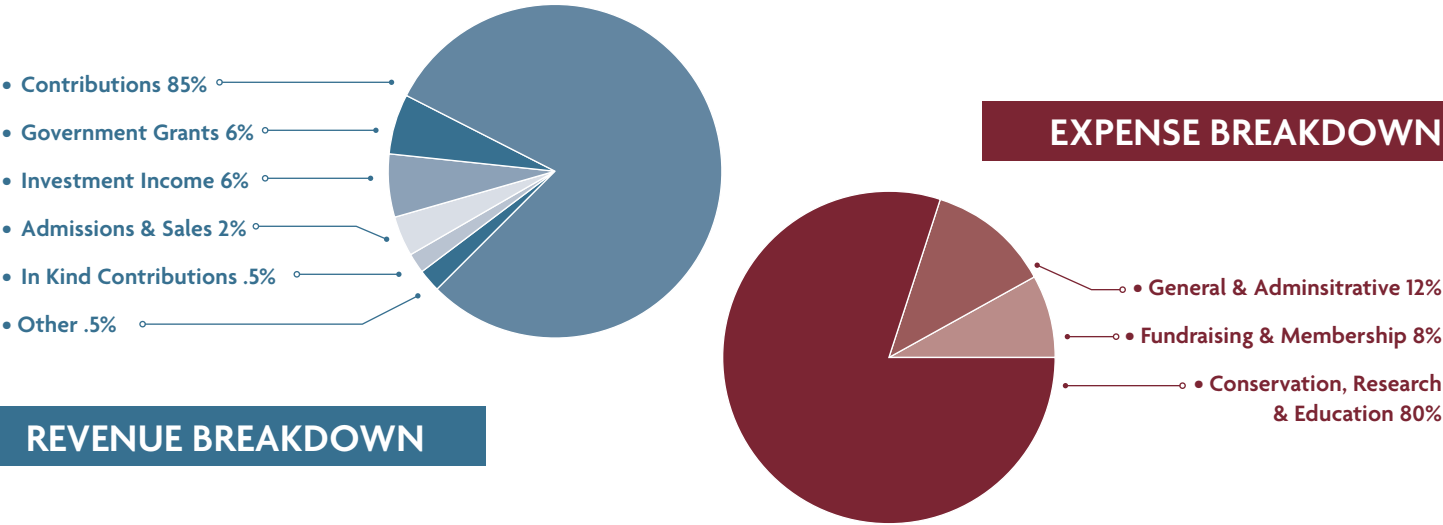
THE PEREGRINE FUND IS PROUD TO PARTNER WITH AND BE RECOGNIZED BY:



STATEMENT OF FINANCIAL POSITION

ASSETS	2023	2022
Cash & Cash Equivalents	\$8,750,600	\$1,509,801
Investments	\$18,368,325	\$17,234,097
Grants Receivable	\$338,250	\$279,474
Net Pledges Receivable	\$18,833,969	\$1,153,031
Contributions Receivable	\$850,639	-
Inventory, Prepaids, and Other Assets	\$163,425	\$221,559
Property and Equipment– Net of Depreciation	\$8,083,712	\$7,152,347
Total Assets	\$55,388,920	\$27,550,309

LIABILITIES & NET ASSETS	2023	2022
Liabilities		
Notes Payable	\$150,447	-
Accounts Payable	\$268,677	\$667,209
Accrued Payroll and Taxes	\$370,768	\$304,520
Deferred Revenue	\$2,247,847	\$104,795
Total Liabilities	\$3,037,739	\$1,076,524
Net Assets		
Without Donor Restrictions	\$26,220,946	\$19,851,685
With Donor Restrictions	\$26,130,235	\$6,622,100
Total Net Assets	\$52,351,181	\$26,473,785
Total Liabilities & Net Assets	\$55,388,920	\$27,550,309



A TRANSFORMATIONAL GIFT

THE PEREGRINE FUND RECEIVES HISTORIC \$25 MILLION GIFT

We are proud to recognize Barbara and Earl Doolin for their transformational gift to The Peregrine Fund to advance and expand our international science and conservation for raptors. Over the next decade, the Doolins' gift will fund baseline inventories for species considered to be at risk, support emerging scientists and local and regional leaders in raptor conservation throughout the world, and provide support to expand our existing raptor conservation programs in countries outside the U.S. in need more financial support.

“Barbara and Earl Doolin’s gift is the largest in the organization’s history. Our gratitude is beyond measure. Not only will this gift transform our international impact, it sets a new bar to effectively and comprehensively address the needs of raptors and ecosystems worldwide. We hope this gift inspires others to invest in the long term success of birds of prey, wildlife, and biodiversity.”

- Chris Parish, President and CEO of The Peregrine Fund

Barbara and Earl are long-time conservationists with a particular appreciation for birds. They helped establish an Audubon sanctuary in Texas, and Barbara has accumulated a life list of nearly 5,000 birds during her travels exploring nature and conservation.

We can’t thank you enough, Barbara and Earl!



Above: Coexistence Co-op workshop in Kenya
At right: Recent graduate Alan Monroy-Ojeda from Neotropical Program



NATIONAL GEOGRAPHIC SOCIETY

SUPPORTS AFRICAN RAPTOR CONSERVATION

Our research shows that African raptor populations are in steep decline and that Africa is the highest-priority continent for raptor conservation.

In 2023, this concern prompted a three-year agreement between The Peregrine Fund and the National Geographic Society. Support the Society provided has enabled on-the-ground conservation efforts for African raptors. Their support will also promote awareness of the plight of African raptors while delivering immediate and sustained impact for conservation.

Over the next three years, we will employ a bold, proactive approach that creates a path to slow declines and bring Africa's raptors back from the brink of extinction.

Our Coexistence Co-op program mitigates human-carnivore conflict and poisoning of raptors in Kenya. With support from the Society, we will expand our Kenya program and work with partners to export the program to Tanzania.

Powerlines and persecution remain a top cause of raptor mortality in Africa. This funding will support increased tracking and survey efforts to gather concrete evidence of their impacts. We will also work with community members to gain a greater understanding of the drivers and extent of raptor persecution.

To ensure the future of raptor conservation in Africa, we have partnered with other organizations to develop the African Raptor Leadership Grant. This new funding opportunity will support educational and mentoring opportunities in Africa while boosting local conservation initiatives and knowledge of raptors across the continent. In 2023, the first African Raptor Leadership Grant was awarded to raptor research student Joan Banda at A.P. Leventis Ornithological Research Institute in Nigeria who is studying local threats to African owls.

Brown Snake-eagle

© André Botha



LEADERSHIP, LEGACY, & MEMORIAL GIFTS

Your gift matters. Effective and sustainable conservation takes decades to achieve.

There is no instant success when it comes to saving species. Your investment addresses the continuing threats these birds face through sound science and adaptive management.

By including The Peregrine Fund in your philanthropic plans, you are investing in the future of birds of prey and the landscapes we all share. *Individually we are strong, together we are unstoppable.*

Visit peregrinefund.org/financials or scan the QR code to view the 2023 Leadership Council, Legacy Circle, & Memorial Gifts

LEADERSHIP COUNCIL

Thank you for leading the way with your gifts of \$1,000 - \$10,000. Learn more at peregrinefund.org/leadership-council

LEGACY CIRCLE

Commitments to conservation that inspire future generations. Learn more at peregrinefund.planmylegacy.org

CONSERVATION LEADERSHIP

Gifts for education, scholarships, hands-on training, and mentorship to empower the next generation of raptor scientists. Learn more at peregrinefund.org/building-leadership

Isamar Flores Rodriguez with a Puerto Rican Sharp-shinned Hawk nestling



© Jackson Henkels

OUR TEAM

THE DEDICATED PEOPLE BEHIND OUR GLOBAL MISSION OF CONSERVATION

2023 saw significant growth in our capacity at The Peregrine Fund. We couldn't do this work without the talented and mission-driven teams we have. We are honored to welcome those who have joined us in science, the field, propagation, administration, and the World Center for Birds of Prey.

Note: Directory includes all staff from January 2023 to April 2024.

UNITED STATES

Stephanie Ashley

Curator of Birds

Molly Astell

Propagation Specialist

Abigail Barr

Sales Associate

Kara Beer

Gyr Falcon & Tundra
Conservation Program
Field Crew Lead

Linda Behrman

Director of Membership

Briana Bode

California Condor Field Biologist

Erin Brannon

California Condor Field Biologist

Jordan Briscoe

Technical Support &
Systems Specialist

Joell Brown

Vice President of
Administrative Operations

Evan Buechley, PhD

Vice President of Conservation–
International Programs

John Clare

Quantitative Ecologist

Matthew Dániel

Digital Content Manager

Sam Davila

Facility Maintenance

Leah Dunn

Database Architect

Leah Esquivel

Propagation Program Director

Curtis Evans

Education Manager

Shawn Farry

California Condor Program
Manager

Julio Gallardo, PhD

Conservation Biologist–
International Programs

Brian Gloschen

Facility Maintenance

Jessica Gordon

Volunteer Program Manager

Zach Gorman

Golden Eagle Field Biologist

Carolina Granthon

Research Coordinator

Jeffrey Grayum

Aplomado Falcon Field Biologist

Michaela Green

Payroll Specialist

Tiéra Guereña

Grants Coordinator

Chelsea Haitz

Propagation Program Manager

Amanda Hancock

Raptor Specialist

Cheryl Harrell

Grants Manager

Tim Hauck

California Condor
Program Director

Thomas Hayes

Ridgway's Hawk Program Director

Michael Henderson

Gyr Falcon & Tundra
Conservation Program Manager

Lily Hodgson

Education Coordinator

Thomas Hudson

Field Biologist–
Various Domestic Programs

Bailey Humphrey

Sales Associate

Jeff Johnson, PhD

Senior Scientist

Paul Juergens

Vice President of Conservation–
Domestic Programs

Stephanie Krueger

Director of Human Resources

Alicia Leacox

Assistant Director of the World
Center for Birds of Prey

Craig Lochner

Director of Accounting

Jim Long

Staff Accountant

Stephanie Low

Sales Associate

Tate Mason

Director of the World Center
for Birds of Prey

Jennifer McCabe, PhD

Spatial Ecologist

Christopher McClure, PhD

Executive Vice President of
Science & Conservation

Brianne Melendez

Payroll Administrator

Heather Meuleman

Vice President of Development

Heather Morris

California Condor Field Biologist

Molly Mundell

Sales Associate

Brian Mutch

Aplomado Falcon
Program Director

Jane Naillon

Director of Brand &
Communications

Emily Nelson

Event Coordinator

Tom O'Handley

Director of East Coast Initiatives

Laura O'Hara

Membership Manager

Doreen O'Skea

Director of Philanthropy

Geoffrey Pampush

Advisory Senior Vice President–
Policy & Philanthropy

Chris N. Parish

President & CEO

Christina Puleo

Sales Associate

Alex Ramsey

California Condor Field Biologist

Alex Roberts

Constituent Relationship
Manager

Brian Rolek, PhD

Quantitative Ecologist

Taylor Rolison

System Administrator
& Business Liaison

Jessica Schlarbaum

Public Information Officer

Brett Sebring

Senior Systems Engineer

Jeffrey Sheen

Front Office Coordinator

Vincent Slabe, PhD

Energy Scientist

Kim Smith

Sales Associate

Jadn Soper

Raptor Specialist

Heather Springsteed

Grants Administrator & Registrar

Paul Spurling

Director of Technology

Mary “Kit” Stevens

Staff Accountant

Kelsey Tatton

Propagation Specialist

Neil Thagard

North American Non-Lead
Partnership Program Manager

Russell Thorstrom

Madagascar & West Indies
Conservation Director

Eddie Wallace

Membership Manager

Sean Watson

Sales Manager

Jessica Wilson

California Condor Field Biologist

Lisa Wilson

Sales Associate

CJ Woodward

California Condor Field Biologist

Aaron Wuori

Propagation Specialist

Daniel Young

Brand Manager

Amber Zelmer

Propagation Specialist

PUERTO RICO

Nashally A. Folch Mercado

Puerto Rico Field Biologist

Melissa Murillo

Puerto Rico Program Manager

Isamar M. Flores Rodriguez

Puerto Rico Field Biologist

Hana Weaver

Puerto Rico Program Director

DOMINICAN REPUBLIC

Carlos Linares Agramonte

Ridgway's Hawk Field Technician

Franklin Cabrera Alvarez

Ridgway's Hawk Field Technician

Ivelina Mendoza Campos

Ridgway's Hawk Field Technician

Daniel Alcantara Cepedes

Ridgway's Hawk Field Technician

Juan Valentin Cespedes

Ridgway's Hawk Field Technician

Nicauris Bautista de la Cruz

Women in Conservation Fellow

Marta Curti

Hispaniola Program Director

Alberto Andujar Franco

Ridgway's Hawk Field Technician

Pastor De Leon Franco

Ridgway's Hawk Field Technician

Ariel Ozoria Garcia

Ridgway's Hawk Field Technician

Yomarco Tejeda Garcia

Ridgway's Hawk Field Technician

Fernando Gonzalez

Ridgway's Hawk Field Technician

Daniel Rodriguez Hernandez

Ridgway's Hawk Field Technician

Odaly Vasquez Herredia

Ridgway's Hawk Field Technician

Samuel Cordero Linares

Ridgway's Hawk Field Technician

Damaris Jacinto Marte

Women in Conservation Fellow

Jesus Concepcion Melo

Ridgway's Hawk Field Technician

Junior Jose

De Los Santos Moreta

Ridgway's Hawk Field Technician

Oscar Mejia Mosquea

Ridgway's Hawk Field Technician

Alexander Vasquez Perez

Ridgway's Hawk Field Technician

Mariela Vasquez Perez

Ridgway's Hawk Field Technician

Hilario Jorge Polanco

Ridgway's Hawk Field Technician

Arelys Jimenez Puello

Women in Conservation Fellow

Gabriel Jimenez Puello

Ridgway's Hawk Field Technician

Julio Cesar Sierra Rodriguez

Ridgway's Hawk Field Technician

Modesto Balbuena de la Rosa

Ridgway's Hawk Field Technician

Carlos Iván Suárez Sánchez

Ridgway's Hawk Field Technician

Kelvin Alejandro Garcia Sosa

Ridgway's Hawk Field Technician

Abrahan De Leon Tejada

Ridgway's Hawk Field Technician

Gabriela Diaz Valenzuela

Ridgway's Hawk Field Technician

Eliseo de Leon Valga

Ridgway's Hawk Field Technician

Juan Agramonte Vargas

Ridgway's Hawk Field Technician

Estefany Sanchez Vasquez

Women in Conservation Fellow

Franklin Rodriguez Zorrilla

Ridgway's Hawk Field Technician

PANAMA

Jairo Bailario

Field Technician

David Bejerano

Field Assistant

Darisnel Carpio

Project Management &
Administrative Assistant

Joselincio Chamarra

Field Technician (Part-Time)

Calixto Conampia

Field Technician

Pascual Dogirama

Field Technician

Wilberto Dogirama

Field Technician (Part-Time)

Nercio Flaco

Field Technician

José de Jesus Vargas Gonzalez

Panama Program Manager

Polo Grajales

Field Technician

Edixon Grajales

Field Technician (Part-Time)

Arilio Ismare

Field Technician

Indalecio Mecheche

Field Technician

Dilmo Mepaquito

Field Technician

Clever Peña

Field Technician (Part-Time)

Fernando Quintana

Field Technician

Efrain Salina

Field Technician

Erenia Tocamo

Field Technician (Part-Time)

Abdiel Tunay

Field Technician

ECUADOR

Hernán Vargas, PhD

Conservation Director–
Neotropical Programs

NETHERLANDS

Ralph Buij, PhD

Senior Scientist

KENYA

Faith Achieng

Project Coordinator

Alfred Koech

Education Officer

Kelvin Ntina Murasimi

Vulture Liaison Officer

Benjamin Lemein

Vulture Liaison Officer

Abraham Loomuna Nkumama

Vulture Conservation Officer

Alex Nawoi

Community Lia

OUR TEAM (CONT.)

Augustin N. (Bonhomme) Bonhomme

Conservation Agent

Eloi (Lala) Fanameha

Conservation Agent

Jean Louis Andry (Andry) Hiankinantsoa

Driver

Jaomizara

Conservation Agent

Eugene Ladoany

Conservation Agent

Kalavah R.(Loukman) Loukman

Conservation Agent

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Conservation Agent

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Conservation Agent

Fanambina Mbohonavy (Salamany)

Conservation Agent

Moise

Conservation Agent

Monesse

Conservation Agent

Samson Prosper Lovasoa Nambena

Conservation Agent

Charles (Vola) Rabearivelo

Security Guard

Emilienne Vao Raharindrina

Office Maintenance

Jeannette Rajesy

Administrative Coordinator

Bodoeliarilala Rakotondraolina

Housekeeper

Marius P.H. Rakotondratsima

Scientific Coordinator

Michel Rakotosoon, PhD

Geographer & Social Worker

Juliot Ramamonjisoa, PhD

Biologist

Oliver Ramamonjisoa

Conservation Agent

Erinaina Ramanambina

Conservation Agent

Alain Randriamampionona

Conservation Agent

Bruno Randrianarimanana

Security Guard

Jean Louis Randrianarison

Conservation Agent

Donatien Randrianjafiniasa

Supervisor

Gaston Raoelison

Conservation Agent

Nomenjanahary Christophe

Security Guard

Julien Emile Ratongalaza

Conservation Agent

Gilbert Razafimanjato

Mandrozo, PhD

Supervisor & Senior Scientist

Jela Razafindrakotovahoaka

Conservation Agent

Andrianarijaona Razafy

Accountant

Stephanie Razakaratrio, PhD

Communication

Lova Jacquot M. Razanakoto

Security Guard

Lily-Arison Rene de Roland, PhD

Madagascar Program Director

Rodien Solay

Conservation Agent

Gilbert Tohaky

Conservation Agent

Soalihy Tongamoelinakily

Conservation Agent

Razanajafy Tsiry Hanitra

Housekeeper

Njarasoa Nomenjanahary Jimmy

Security Guard

Yverlin Pruvot

Biologist

Fabrice Seraphin

Biologist

Radoniaina Razafiherison

Biologist

Randriamanantena

Heritiana Josoa

Biologist & Data Officer

Tongamarina Herbalien

Social Organizer

Ravelonjato Thomas Aristide

Social Organizer

Razafindratiana Erno

Social Organizer

Ndriamiadana Thomas

Social Organizer

Ramiandrazafy Odily

Conservation Agent

Zaozoky Patrice

Conservation Agent

Rabevoninahitra Clariat

Researcher

Ravelonjato Tokiniaina Julien

Conservation Agent

Volazafy Reno Kid

Conservation Agent

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Department of History and Philosophy of Science

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Brian A. Millsap, PhD

Affiliated Faculty | New Mexico State University, Department of Fish, Wildlife, and Conservation Ecology

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President & Trustee | The Ambrose Monell Foundation and The G. Unger Vetlesen Foundation

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Chairman | Texas Parks and Wildlife Commission
Chairman/CEO | DX Service Company, Inc.

Matthew Myers

Cox School of Business, Dean Southern Methodist University

Calen B. Offield

Director | Offield Family Foundation
Photographer

Catherine Stevens

Attorney | Mayer Brown

Greg Strimple

President | GS Strategy Group

CeCe Stuller

Trustee |Stuller Family Foundation

R. Beauregard Turner

Fish & Wildlife Manager and Director of Natural Resources | Turner Enterprises, Inc.

Jalsa Urubshurow

Founder & CEO | Nomadic Expeditions

James D. Weaver

President | Grasslands Charitable Foundation
Rancher

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Ian Newton, D.Phil., D.Sc., FRS.

Director Emeritus with Distinction, Senior Ornithologist (Retd.) | Natural Environment Research Council, United Kingdom

Patricia B. Manigault

Philanthropist

Lucia Liu Severinghaus, PhD

Biodiversity Research Center (Retd.) | Academia Sinica, Taiwan

LOCAL BIOLOGISTS HIRED FULL-TIME IN PUERTO RICO

For the first time in the program's nine-year history, the Puerto Rican Sharp-shinned Hawk project hired two full-time Puerto Rican Field Biologists: Isamar Flores Rodríguez and Nashally Folch Mercado! Isamar came to the Puerto Rican Sharp-shinned Hawk project first as a volunteer in 2021, then in 2022 as a seasonal field biologist. Growing and excelling in the field of raptor biology, she was then hired as a seasonal Assistant Crew Lead for the Puerto Rican Sharp-shinned Hawk team in 2023. Simultaneously, another dedicated local Puerto Rican biologist, Nashally, was quickly excelling in raptor biology on our project. In 2022, Nashally started as a seasonal field biologist on the Puerto Rican Sharp-shinned Hawk team. She came to our program with a strong background in fieldwork and was quickly recognized as one of our toughest field biologists.

“Field Coordinator Melissa Murillo and I have been determined to hire local Puerto Rican field biologists to manage the raptor conservation projects in Puerto Rico. We knew that a local’s understanding of the island and culture ultimately meant that they would be the most effective biologists in the field. Having these positions filled is a huge step forward for our project. I’m thankful we can provide this opportunity to grow local capacity and sustainability in Puerto Rico.” - Hana Weaver, Puerto Rico Program Director



2023 GRADUATES & AWARDS

Since 1970, The Peregrine Fund has supported students across the globe through training, mentorship, and direct funding with scholarships. To date, those students have earned 174 advanced degrees, including 44 PhD and 129 MSc or equivalent degrees. Additionally, The Peregrine Fund has supported students working to earn BSc degrees. Since 2018, nine students have graduated with a BSc. Below are the students who were either pursuing degrees or who graduated in 2023 with direct support from The Peregrine Fund.

2023 GRADUATES SUPPORTED BY THE PEREGRINE FUND

GYRFALCON PROGRAM | ALASKA:

Michaela Gufstason, MSc | Boise State University (U.S.A.)

Sebastian Acevedo, BSc | Santa Clara University (U.S.A.)

NEOTROPICAL STUDENT EDUCATION PROGRAM:

Alan Monroy, MSc | Universidad Veracruzana (Mexico)

Maria Alejandra Parrado, MSc | Universidad Industrial de Santander (Colombia)

Jimmy Velastegui, MSc | Universidad Regional Amazónica Ikiam (Ecuador)

Jaime Zabarburo, MSc | Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas (Perú)

PANAMA PROGRAM:

Marlina Grajales, BSc | Universidad de Panama

MADAGASCAR PROGRAM:

Nathanaël Ratsimandresy, License | ITSA Fandriana (Madagascar)

Heritiana Josoa Randriamanantena, PhD | University of Antananarivo (Madagascar)

Mananjo Tafita Masoandro Georges Andrianirina, MSc | University of Antananarivo (Madagascar)

Natacha Rakotozanany, MSc | University of Toliara (Madagascar)

Aroniaina Josia Rafidimirina, MSc | University of Toliara (Madagascar)

Alice Fanomezanjahary, MSc | University of Toliara (Madagascar)

Andry Rakotoniaina, MSc | University of Toliara (Madagascar)

STUDENTS PURSUING DEGREES WITH SUPPORT FROM THE PEREGRINE FUND

APLOMADO FALCON PROJECT | TEXAS:

David Bontrager (MSc) | Boise State University (U.S.A.)

GYRFALCON PROJECT | ALASKA:

Sage Dale (MSc) | Boise State University (U.S.A.)

Michael T. Henderson (PhD) | Boise State University (U.S.A.)

GOLDEN EAGLE PROJECT | NEW MEXICO:

Tom Hudson (MSc) | Virginia Tech (U.S.A.)

NEOTROPICAL STUDENT EDUCATION PROGRAM:

Rocío Almuna (PhD) | University of Western Australia

Victor Gamarra (PhD) | Universidad Nacional del Comahue (Argentina)

Diego Méndez (PhD) | Universidad Autónoma de Madrid (Spain)

José Manuel Camarena (MSc) | Universidad Nacional Toribio Rodríguez de Mendoza de Amazonas (Perú)

Paul Monar (MSc) | Universidad Rey Juan Carlos (Spain)

Caetano Luis de Oliveira Mourão (MSc) | University of São Paulo (Brazil)

Daniel Orizano (MSc) | Universidad Nacional Daniel Alcides Carrión (Perú)

PANAMA PROGRAM:

David Bejerano (BSc) | Universidad del Isthmus (Panama)

Darisnel Carpio (BSc) | Universidad del Isthmus (Panama)

Yilianis Chamarra (BSc) | ISAE Universidad (Panama)

Juan Grajales (BSc) | Universidad de Panama

Danitza Membache (BSc) | Universidad de Panama

Yeiselanis Membache (BSc) | Universidad de Panama

Manuel Mosquera (BSc) | ISAE Universidad (Panama)

Idelina Rito (BSc) | ISAE Universidad (Panama)

AFRICA PROGRAM:

Michael Bode Agunbiade (PhD) | Brandenburg Technical University (Germany)

Bruktawit Gezahegn (PhD) | Jima University (Ethiopia)

Richard S. Hatfield (PhD) | Wageningen University (The Netherlands)

Martin Odino (MSc) | University of Exeter (U.K.)

AWARD WINNERS

APLOMADO FALCON PROJECT | UNITED STATES:

Brian Mutch | Aplomado Falcon Program Director | Raptor Research Foundation's Tom Cade Award

PUERTO RICO PROGRAM:

Isamar M. Flores Rodríguez | Puerto Rico Field Biologist | Raptor Research Foundation's Wings to Fly Travel Award

MADAGASCAR PROGRAM:

Lily-Arison Rene de Roland, PhD | Madagascar Program Director | National Geographic and Howard G. Buffett Foundation's Award for Leadership in Conservation and The Explorers Club EC50 Honoree



Above: Dr. Lily-Arison Rene de Roland receiving Buffet Award
Below: Isamar Flores Rodriguez presents at the Raptor Research Foundation Conference



WHAT'S AHEAD

The Peregrine Fund's approach, and the fundamental scientific research behind it, are what conservation organizations around the world depend on to prioritize their efforts. And with our commitment to leadership, in 2024 we're taking on a huge and foundational research effort. As we look ahead, you will see this effort reflected in a great deal of what we do.

AFRICAN RAPTORS ARE DISAPPEARING

You may have seen the study on the Widespread Population Collapse of African Raptors published January 2024 in the journal *Nature Ecology & Evolution*. It was co-led by The Peregrine Fund's Dr. Darcy Ogada and her colleague Dr. Phil Shaw of the University of St. Andrews. Along with an international team of researchers, they found widespread population declines of African raptors over the past three decades. The authors conclude that unless many of the threats currently facing African raptors are addressed effectively, charismatic eagle and vulture species are unlikely to persist over much of the continent's unprotected land by the latter half of this century. The publication received global coverage from news sources that included *The New York Times*, *The Guardian*, *BBC News*, and *The Independent*.

This tough news provides validation for shifting priorities and broadening our programs. We have seen success in our Africa programs as they stand, but it's clear we need to adapt to see increased success. With support from the National Geographic Society (see page 32), we are prepared to conduct further research to understand the depth of these declines while increasing our partnerships and expanding the scope of our existing programs. It is clear that African raptor conservation will be a high priority for us in 2024 and into the future.



Scan to learn more
about the decline of
African raptors



© André Botha

Above: Bateleur
Below: Hooded Vulture (foreground)
and White-headed Vulture (background)



© Darcy Ogada



Secretarybird

RIDGWAY'S HAWK CONSERVATION ACTION PLAN

Our Ridgway's Hawk team in the Dominican Republic has been busy in 2024 preparing a Species Conservation Action Plan, with support from the Critical Ecosystem Partnership Fund. On February 1, we held a workshop for partners and stakeholders at the Ministry of the Environment in Santo Domingo. The collaborative discussion covered conservation ideas, education and outreach initiatives, potential new release site locations, and environmental impacts on the species. The team will take all of the ideas and comments from this workshop to create a collaborative Species Conservation Action Plan for the Ridgway's Hawk, which we aim to finalize by January 2025.



Courtesy of The Peregrine Fund

Above: Students with Ridgway's Hawk drawings
Below: Ridgway's Hawk



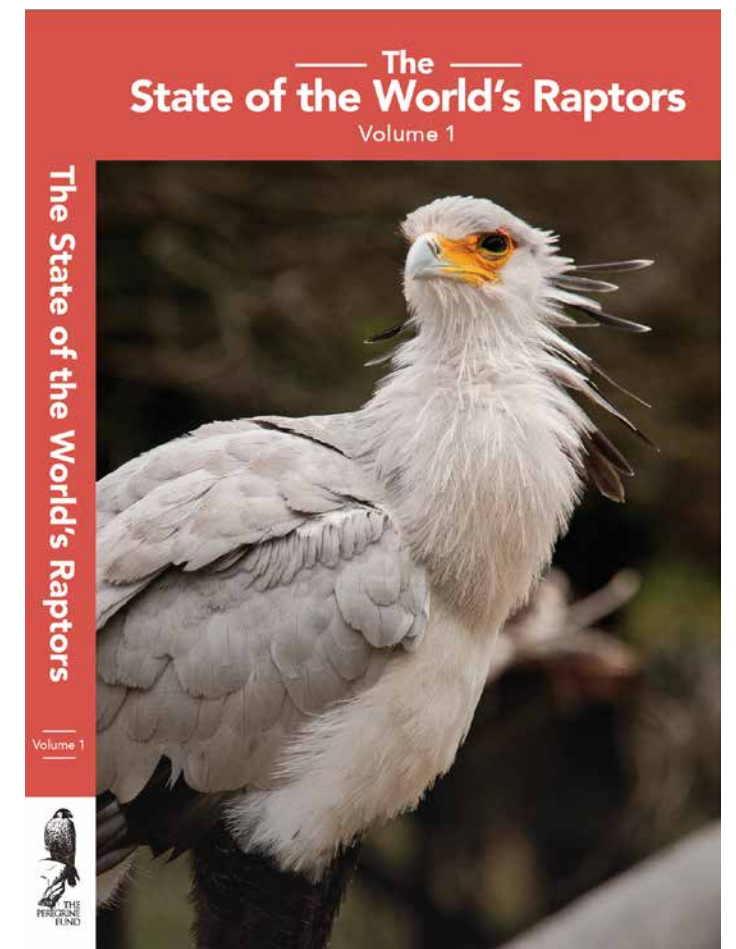
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THE STATE OF THE WORLD'S RAPTORS: VOLUME 1

In 2024, The Peregrine Fund's Executive VP of Science and Conservation, Dr. Christopher McClure, will be leading a Global Raptor Assessment. That means working with dozens of organizations and local researchers around the world. The goal is to provide a scientifically accurate assessment of the health of raptor species.

Throughout the year, we are going to publish the assessments region by region. While Chris and his partners work their way around the world, in early 2025 he will publish a comprehensive global assessment that will set the stage for the next five to ten years of raptor conservation. Research is the first step, and it's also the foundation for everything that follows.

2024 will demonstrate our commitment to following the science—and our dogged determination to stick with the steady, hard work of conservation—that will ultimately save species.



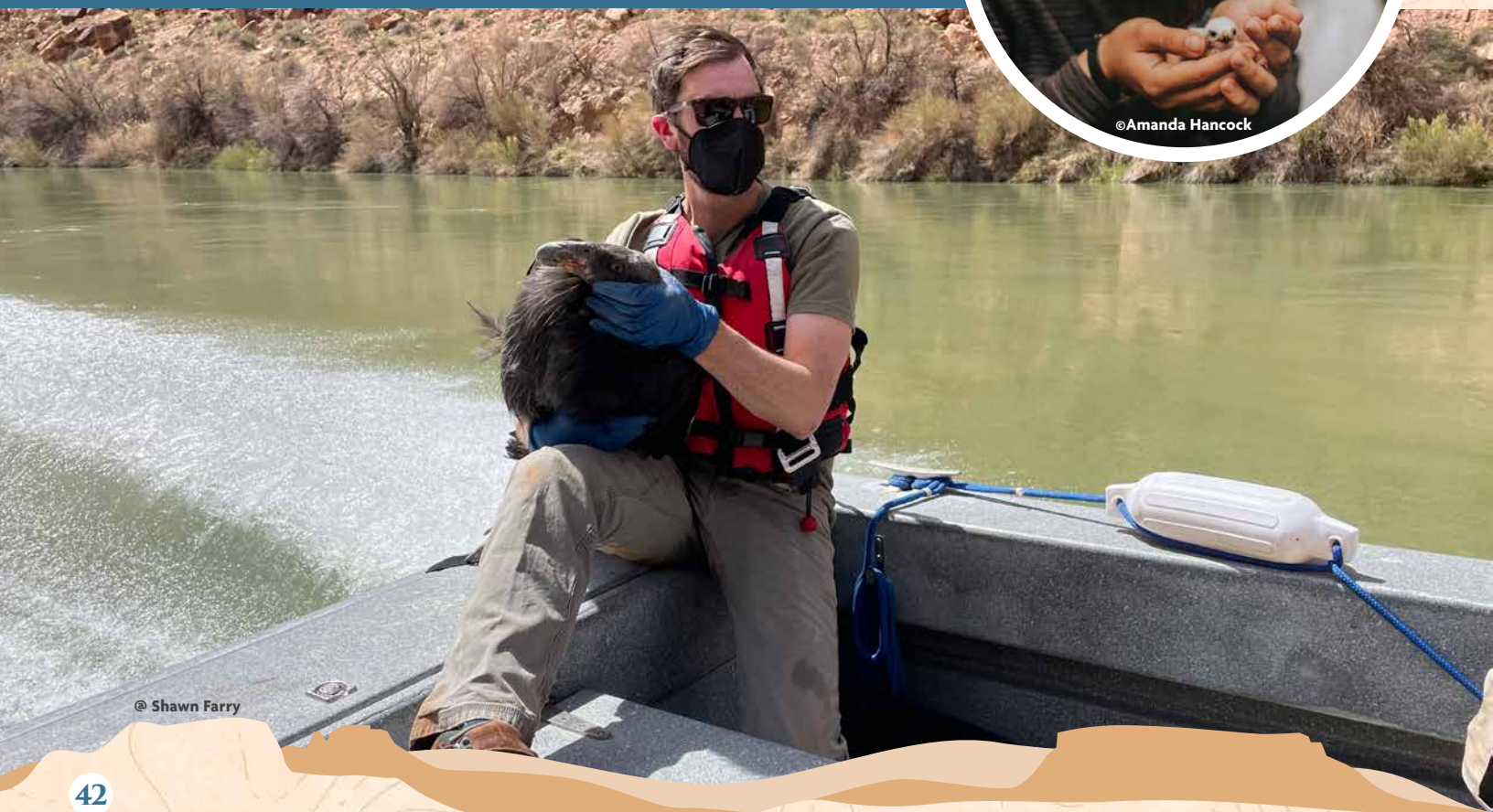
A YEAR OF RECOVERY, RESILIENCE, & CONVICTION

In a year of tragedy, recovery, and resilience, we are reminded of just how important our collaborators are. We could not do this important work without our members, donors, board, and partners. We are so grateful for your steadfast conviction to help in a year that called for your support more than ever. You make all the difference in our mission to save raptors worldwide.



@ Martin Odino

Above: Coexistence Co-op workshop in Kenya
At Right: Nashally Folch Mercado with Puerto Rican Sharp-shinned Hawk nestling
Below: Tim Hauck with sick California Condor



@ Shawn Farry



@Amanda Hancock



Become a Member and
Help Save Raptors

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- youtube.com/user/PeregrineFund

Contact Us
tpf@peregrinefund.org
208.362.3716

peregrinefund.org

At Right: Aplomado Falcon
Below, left: Martial Eagle
Below, right: Carlos Suárez with Ambassador Red-tailed Hawk

@ Shiv Kapila



@ Christina Kleberg

@ Carlos Suárez





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"I used to be able to walk out the door, look up, and see a bird of prey—not every minute maybe, but within 10 or 15 minutes. These days I could stand out there for hours." - Darcy Ogada, Africa Program Director | The Peregrine Fund

