# THE PEREGRINE FUND

WORLD CENTER FOR BIRDS OF PREY 2007 ANNUAL REPORT

> Conserving Birds of Prey Worldwide Since 1970



A t least once a year, we strip our organization to its bare bones and ask the simple question: what is it, exactly, that we do? The short answer is that we put highly qualified people in places where they can best achieve conservation.

A longer, and more interesting, answer is a tale about biologist Lily-Arison Réné de Roland searching a remote region of Madagascar for highly threatened Madagascar Harriers last year. He spotted an unusual duck, and on closer observation, identified it as the Madagascar Pochard, a species long thought to be extinct. Three months later and some sixty miles south, he made another startling discovery—what appears to be a new species of lemur!

# I realized that if I had to choose,

Although clearly not birds of prey, these discoveries illustrate what I have long felt to be our most significant contribution to global conservation: empowering passionate, dedicated, competent people to do the work they love.

And it isn't only biologists and bird-lovers who share these qualities. When Tom Cade formed The Peregrine Fund, he gathered the talents of committed falconers, scientists, businessmen, attorneys, politicians, artists, and many others. His eclectic approach nurtured a synergy among diverse professionals that literally saved species.

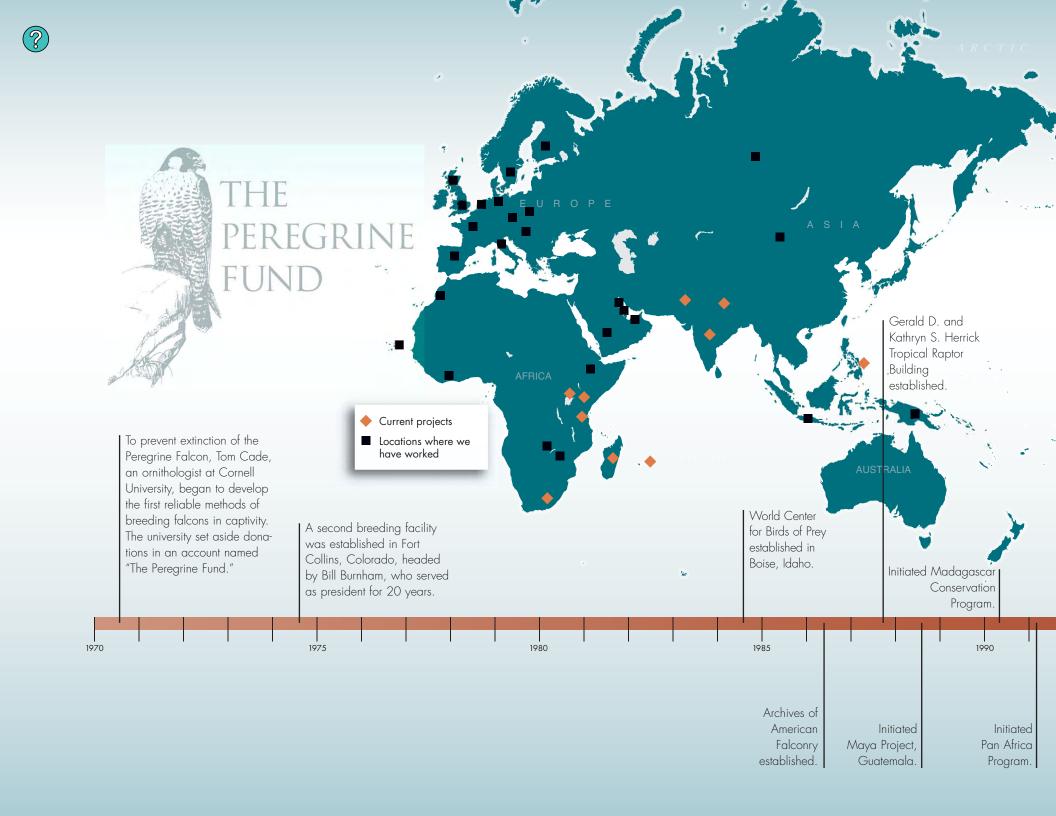
Almost 38 years later, our staff and board are now comprised of 138 individuals from 15 states and seven countries, and we draw on the talents and generosity of thousands more. Because of them, and you, we'll proudly continue to earn the reputation of a "can do" organization that achieves remarkable long-term results.

J. Peter Jenny President and CEO

# I would rather have birds than airplanes.

Charles Lindbergh U.S. aviator (1902–1974)







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### nearctic

Left to right: Condor soars near the Grand Canyon; Chris Parish, field project supervisor, prepares a condor for release; a pair of condors rests on a secure perch.





Chris Parish

## We cannot **restore condors** to the wild unless we prevent lead poisoning from spent ammunition.

Humans nearly decimated the magnificent California Condor, North America's largest flying land bird. The population numbered a mere 22 condors by 1982. A remarkable recovery is under way, but this rare bird continues to suffer from a human-caused threat: lead poisoning.

Condors present a warning that lead bullets fired from a high-powered rifle are an environmental danger to scavenging wildlife, and also to humans. Our research shows that lead bullets fragment into dozens or hundreds of tiny pieces that disperse widely in an animal when it is shot. When condors consume animal remains, they ingest tiny fragments of lead, enough to cause them to become ill or die.

Until this problem is solved, it is unlikely that condors can be established in the wild as a self-sustaining population.

For the third year, we worked

with our partner, the Arizona Game and Fish Department, to inform hunters about this danger. Hunters were offered free non-lead ammunition to use in condor country and asked to bring in animal remains that normally would be left in the field. Our biologists provided supplemental food and monitored the daily movements of the condor flock by satellitereporting transmitters.

The year 2007 was significant for condor survival in Arizona: no condors died of lead

poisoning, the leading cause of death. Also, fewer were treated for lead poisoning than in the prior year. Even so, eliminating lead in the condor diet remains a top priority.

About 300 condors now exist in the world, with half of them flying free. By the end of 2007, the total population in Arizona and southern Utah numbered 61. Six adult pairs in the Arizona flock showed nesting behavior and two were successful, bringing the total of wildfledged condors to six.



Christie Van Cleve

The captive population at our World Center for Birds of Prey in Boise successfully produced 11 chicks. Nine condors were released to join the wild population in 2007.

Although the harmful effects of ingesting lead are certain and spent ammunition is a known source of lead exposure in avian scavengers, collation of the evidence from diverse experts and additional study of this source of lead exposure in humans is needed to present the best available science to policy- and decision-makers. We are sponsoring a scientific conference of experts in this field of study in May 2008. For more information, see <a href="https://www.peregrinefund.org/Lead">www.peregrinefund.org/Lead</a> conference.

Staff: Bill Heinrich directs the California Condor Program. Field work is directed by Chris Parish and captive breeding is managed by Randy Townsend assisted by Meagan Kaiser and Joe Burke. Grainger Hunt is the senior scientist with the program. Kurt Burnham and Brian Mutch assisted with research. Eddie Feltes is the field manager with a field crew of Evan Buechley, Maria Dominguez, Robert Gay, Tim Hauck, Martha Jenkins, Matthew Podolsky, Shaun Putz, Eric Weis, and Sean Wolfe.

CALIFORNIA CONDOR RESTORATION

**Cooperators:** The Arizona reintroduction program is a joint project among The Peregrine Fund, the Arizona Game and Fish Department, Bureau of Land Management, U.S. Forest Service, U.S. Fish and Wildlife Service. National Park Service. Utah Division of Wildlife Resources. Southern Utah's Coalition of Resources and Economics, and numerous other partners. Pathology and veterinary support are provided by Meridian Veterinary Clinic (Scott Higer), the Zoological Society of San Diego (Bruce Rideout), and Washington State University (Lindsay Oaks).

Funding and other support for the project was provided by the U.S. Fish and Wildlife Service, Liz Claiborne and Art Ortenberg Foundation, National Fish and Wildlife Foundation, Mead Foundation, The Philadelphia Foundation, Grand Canyon Conservation Fund, The Kearny Alliance, Patagonia, Globe Foundation, and the Lowry Park Zoo of Tampa Bay.

Important in-kind assistance was received from Norm Freeman, the Salt River Project, the Arizona Strip Bureau of Land Management, and the Phoenix Zoo.

# **Ingestion of Spent** Lead Ammunition: Implications for Wildlife and Humans

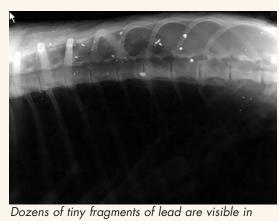
Biologists, health professionals, and scientists will meet in Boise to discuss the effects of ingested lead ammunition on wildlife and humans at a conference convened by The Peregrine Fund. It will be held 12-15 May 2008, on the campus of Boise State University.

The conference is the result of growing concern that lead poisoning imperils the ultimate success of the California Condor recovery program.

to encourage hunters to voluntarily switch to copper bullets, which are less toxic and less likely to fragment.

The fragmentation of lead bullets is

Lead bullets used by hunters are the primary source of contamination The condors feed on gut piles and carcasses, which contain hundreds of tiny fragments of lead in animals killed by high-powered rifles. Because



this radiograph of a deer harvested with a highpowered rifle. For more information, see www.peregrinefund.org/Lead\_conference.

condors are social scavengers that feed together, it takes only one lead-contaminated carcass to affect many birds. The Peregrine Fund has worked closely with the Arizona Game and Fish Department

also raising concern about the effects of lead contamination of wild game consumed by

humans. Lead is particularly dangerous in children, whose intellectual and behavioral development is impaired by exposure to

even tiny amounts of lead. At the conference in May, The Peregrine Fund expects to release the results of its continuing studies on lead in hunterkilled animals.

### nearctic







Alicia Arcidiacono

Paul Juergens

# Ranchers provide more than two million acres of critical habitat for the recovery of endangered Aplomado Falcons.

Northern Aplomado Falcons declined dramatically with the settlement of the West. Now, the birds are again occupying their important niche in the ecosystem—nesting in yuccas and preying on small birds and insects and helping maintain biodiversity.

Innovative agreements we forged with formerly hesitant landowners opened more than 2 million acres of suitable habitat to this endangered species. As a result, we anticipate the Aplomado Falcon could be removed from the U.S. Endangered Species List within the next decade.

Aplomado Falcon chicks are raised at our World Center for Birds of Prey in Boise, Idaho. In 2007, our high rate of success continued with 131 chicks. Of those, 125 were transported to eight release sites: six in West Texas and two in New Mexico. Six young birds were retained for breeding at the Idaho facility.

Since the mid-1990s, we have released nearly 1,400 captive-bred Aplomado Falcons to the wild.

Every year generates exciting milestones. In South Texas, where releases began, a self-sustaining population has been established. We are monitoring more than 50 territorial pairs and their reproductive success. In West Texas, the fledging of a wild Aplomado Falcon had not been documented in a century until our biologists sighted two fledglings in July 2007. The support and participation of landowners who provided access to habitat has been critical to this success. In New Mexico, where releases began in 2006, biologists were pleasantly surprised to discover in 2007 that a pair of juvenile falcons released the previous year had successfully produced two chicks.

An alarming situation in Chihuahua, Mexico, stands in sharp contrast to the growing successes in Texas and New Mexico. A small remnant of wild birds exists in Chihuahua but their future is in jeopardy as native grasslands are rapidly converted to farmland. An important focus of our efforts is raising local awareness about the importance of preserving native landscapes for wildlife. Left to right: an Aplomado Falcon returns to a release site; biologists prepare young captive-bred falcons for release; wild Aplomado Falcon chicks receive food from a parent.

Schuyler Moore

#### NORTHERN APLOMADO FALCON RESTORATION

**Staff:** Bill Heinrich directs the Aplomado Program with captive breeding accomplished by Cal Sandfort, Thomas Hayes, and Heather Springsteed. Field work is coordinated by Angel Montoya assisted by Brian Mutch, Paul Juergens, Christina Kleberg, and John Coffman. Grainger Hunt is the senior scientist for the program. See page 24 for a listing of hack site attendants.

Cooperators: The Aplomado Falcon Restoration Project is a joint effort of The Peregrine Fund, U.S. Fish and Wildlife Service, Department of Defense at White Sands Missile Range, Bureau of Land Management, Texas Parks and Wildlife Department, New Mexico State Land Office, New Mexico Department of Game and Fish, Texas Parks and Wildlife Department, and Secretaria Del Medio Ambiente, Recursos Naturales y Pesca (SEMARNAP), Genetic studies are conducted by Jeff Johnson of the University of Michigan. Pathology and veterinary support are provided by Meridian Veterinary Clinic (Scott Higer), the Zoological Society of San Diego (Bruce Rideout), Washington State University (Lindsay Oaks), the Idaho Department of Fish and Game, Wildlife

Health Laboratory, Caine Veterinary Teaching Laboratory, and The Raptor Center (Pat Redig).

Providing essential financial and/or logistical support were the Lee and Ramona Bass Foundation, the U.S. Fish and Wildlife Service, the U.S. Fish and Wildlife Service Private Stewardship Program, U. S. Army and the White Sands Missile Range, Robert J. and Helen C. Kleberg Foundation. The Meadows Foundation. Ruth O'Donnell Mutch, National Fish and Wildlife Foundation, Shell Oil Company, The Turner Foundation, Inc., New Mexico Bureau of Land Management, ExxonMobil Foundation, Grasslans Foundation, James A. "Buddy" Davidson Charitable Foundation, The Tapeats Fund, Marilyn and John Bicking, Magnolia Charitable Trust. State of Texas. Joan and Herb Kelleher Foundation, Jacob and Terese Hershey Foundation, The Hermann Family Charitable Foundation, T and E Inc., Ralph and Julie Donaho, Tim and Lynne Crowley. Bobby and Linda McKnight, Jon and Jackie Means, Clay and Jody Miller, Virginia Lebermann, Sul Ross State University, Tom Waddell, Ing. Enrique Baeza, King Ranch, Kenedy Ranch, El Sauz Ranch, The Port of Brownsville, Dr. Alberto Lafon, Miguel Mora, Roberto Rodríguez, Brad Kelley, and the Texas Hawking Association.

# The effects of climate change on Arctic bird populations are evident.

A glacier meets the sea in Greenland.

Raptors are sensitive to changes in the environment. The effects of climate change on bird populations have become more evident over the past 10 years, with most changes occurring in timing of migration and breeding, breeding performance, and population size and distribution. Our Arctic Program has conducted research and monitoring in Greenland since 1993, gathering information about raptors that reflect changing conditions in their—and our—environment.

Traveling on foot, by kayak, helicopter, sea boat, and even dogsled, our biologists gathered data on Peregrine Falcons and Gyrfalcons, as well as their prey. Like other Arctic researchers, we witnessed notable changes in climate during this period. For example, warmer temperatures have likely allowed Peregrine Falcons to expand their range further north than ever documented in Greenland.

With research on climate change and its effects at the species level coming to the forefront of current scientific research, in 2007 The Peregrine Fund helped Kurt Burnham create a new nonprofit organization, the High Arctic Institute, which will continue the study of Arctic wildlife. Kurt, formerly the director of our Arctic Program, successfully defended his doctoral thesis at the University of Oxford and is now the president of the High Arctic Institute.

### neotropics







Angel Muela

Sean Davi

### Fostering national pride in the Harpy Eagle saves rainforest and preserves biodiversity.

If raptors at the top of the food chain can survive, so will many species in the food web below. This "umbrella" approach drives our conservation work in the Neotropics, home to some of the world's most diverse resident and wintering bird communities. From warblers to raptors, native and migrating birds seek refuge and food in the Caribbean and Central and South America.

Their search for refuge and food is increasingly difficult due to an alarming rate of habitat loss driven by complex forces in the global economy. The **Harpy Eagle**, Panama's national bird and one of the world's largest forest raptors, is a symbol of the serious loss of forest habitat and biodiversity in Latin America.

The Peregrine Fund has been working on Harpy Eagle conservation for 20 years. In 2007, our experimental Harpy Eagle restoration project shifted from breeding and hatching eagles in captivity to monitoring them as independent birds living in the wild. The project moved a step closer to completion by releasing the last six juvenile eagles and tracking independent birds to determine their hunting, breeding, and movement patterns in Panama and Belize. This project involved 14 volunteers from four countries who gained valuable hands-on field experience.

Key to our success is the effort to enhance environmental awareness and build national pride among citizens so they will stop shooting eagles and will conserve tracts of unspoiled rainforest.

To carry out our mission to change human attitudes and behaviors toward raptors, the **Environmental Education Pro**gram hosted five weeklong teacher training workshops in the use of our education guide, which is designed for students ages 6 to 12. Teachers are motivated to include raptor conservation in their lessons by gaining professional development points from Panama's Ministry of Education for workshop participation. We also presented talks to more than 10,000 people in three countries, and

trained 88 teachers at public schools in targeted areas.

The 2007 Harpy Eagle Day Festival drew 3,200 people—up from 600 the previous year. We use this annual opportunity entertaining for both adults and children—to increase pride, understanding, and awareness of Panama's national bird.

Our Science and Student Education Program supported six post-graduate students conducting thesis research projects in Central and South America in 2007. We are identifying potential new students in Ecuador,



Bolivia, and Chile who can carry on the important research and leadership required to conserve endangered raptors. We are committed to building local capacity for conservation through the advanced education of promising young students.

The Neotropical Raptor Network, started by The Peregrine Fund in 2003, promotes daily communication and collaboration among conservationists via an email network. A newsletter is produced twice a year. The group continued planning for the Third Neotropical Raptor Conference, which will be held in Bogota, Colombia, in 2009.

Deforestation and shooting are making life for the **Ridgway's Hawk** tenuous in the Dominican Republic. The last remaining stronghold for this critically endangered bird is in Los Haitises National Park, although even the park is threatened by people encroaching on its boundaries for agriculture.

The hawk's greatest problem stems from local people who mistakenly believe the bird (confused with Red-tailed Hawks) preys on domestic chickens. To stop the killing of this misunderstood raptor, our West Indies **Project** partnered with the Ornithological Society of Hispaniola to create a play on the life of the Ridgway's Hawk and take it on the trail. In 2007, nearly 700 people, including children, watched the entertaining performance in 10 rural communities around the park. This innovative technique successfully boosted awareness among those who must learn not to persecute the Ridgway's Hawk if it is to be saved from extinction.

Ryan Phillips

A 21-year effort to effectively

propagate rare Orange-breasted

Falcons in captivity resulted in

the first releases to the wild in

Belize in 2007. These colorful fal-

cons, native to Central and South

America, are the foundation for

an experimental population that

will allow us to study what may

be limiting the falcon's distribu-

NEOTROPICAL RAPTOR CONSERVATION

Staff: The Neotropical Raptor Conservation

Program is directed by Rick Watson and Mag-

aly Linares. Angel Muela, assisted by Marta

Orange-breasted Falcon and the release pro-

Curti, coordinates the field work for the

gram for the Harpy Eagle. Robert Berry is

responsible for captive breeding of the

Orange-breasted Falcon at his facility in

Wyoming. José de Jesús Vargas-González

directs the field research and conservation

work on the Harpy Eagle. Sean Davis conducts

tion and abundance.



the education program, Russell Thorstrom manages the West Indies Project, and Hernán Vargas directs the student education program. They are assisted by staff listed on page 24.

**Collaborators:** The partnership of many organizations and individuals makes this program possible, including:

#### Central America and Mexico:

Panama: National Environmental Authority of Panama (ANAM), its National Parks and the regional offices in Darien and Bocas del Toro, Panama Canal Authority (ACP), Fundación Ciudad del Saber, Fundación Albatros Media, Comarca Emberá-Wounaan, Tierras Colectivas Emberá y Wounaan, Jacobo Lacs, Jardín Botánico Summit, Ministry of Education (MED-UCA), Peace Corps, Parque Natural Metropolitano, and Arenera Balboa S.A.

Belize: Air Wing of the Belize Defense Force, The Belize Zoo/Tropical Education Center, Ecoflight, Forest Department, Lighthawk, Ministry of Natural Resources and the Environment, Programme for Belize, and Royal Air Force 25FLT AAC BATSUB.

Guatemala: WCS-Peten, CONAP, Global Heritage Fund (Belize and Guatemala), and Tikal National Park. Left to right: an Orange-breasted Falcon perches on a snag in Belize; a Harpy Eagle displays crest feathers; students in Panama engage in activities about the Harpy Eagle, their national bird; a resident of Panama's Darien province displays a Harpy Eagle poster; a biologist uses telemetry from a hilltop to locate Harpy Eagles in the dense forest canopy below; and a Ridgway's Hawk watches over its nest in the Dominican Republic.

Mexico: Consejo Nacional de Áreas Naturales Protegidas (CONANP), and Reserva Natural Calakmul.

South America: Asociación Armonía (Bolivia); CECARA and Universidad de la Plata (Argentina); Fundación Charles Darwin, Parque Nacional Galápagos, SIMBIOE and Universidad Católica (Ecuador); Instituto Alexander von Humboldt (Colombia); Instituto Nacional de Recursos Naturales (Perú), and S.O.S. Falconiformes (Brazil).

Other collaborators: Manchester Metropolitan University (UK), University of Missouri Saint Louis (USA), and Stichting De Harpij (Netherlands).

Financial Support: Financial support was provided by the U. S. Agency for International Development (USAID), the Wolf Creek Charitable Foundation, Liz Claiborne and Art Ortenberg Foundation, M. J. Murdock Charitable Trust, Disney Wildlife Conservation Fund, Zoo Boise Conservation Fund, Ledder Family Charitable Trust, Dana L. Lurie, and Los Angeles Zoo.

Important in-kind assistance was provided by the Ministry of Natural Resources and the Environment, and by the Forest Department of Belize.

# pan atrica





## When local residents benefit from conservation, they work to preserve biodiversity.

Extreme poverty and explosive human population growth threaten the rich biodiversity of Africa, Madagascar, and other islands. Forests, wetlands, and grasslands are quickly disappearing as people move further into less developed landscapes to find food, shelter, and a way to support their families.

We can't solve all these problems by ourselves, but we do contribute unique knowledge that will lead to informed, science-based conservation strategies for this region. Birds of prey fill a vital role in the ecosystem, and we are recognized around the world as a trusted source of expert information and innovative conservation strategies.

The Pan Africa Raptor Conservation Program uses trends in raptor populations to identify priorities and provide direction for conservation actions and important research.

Our East Africa Project is directed at halting the steep decline of raptor populations, many of them on the threshold of collapse. There has never been a greater need to monitor and evaluate raptor abundance and diversity in their historic ranges.

In 2007, we conducted ecological studies on the littleknown Pemba Scops Owl off the Tanzanian coast and Sokoke Scops Owl in Kenya. The project to wing-tag vultures in Kenya continued and posters were placed at key entrances to the Masai Mara Reserve to encourage visitors to report tagged vultures. We initiated discussions between the Kenya Wildlife Service and conservation organizations to address large-scale raptor deaths caused by the widespread use of carbamatebased pesticides.

Monitoring at Kenya's Lake Naivasha showed a precipitous





Lily-Arison Réné de Roland

drop in the number of African Fish Eagles in 2007, indicating continued loss of nesting and foraging habitat. Our research on the Ruppell's Griffon Vulture colony at Lake Kwenia resulted in the species being officially upgraded from "least concern" to "near threatened" in the list of globally threatened species.

Long-term studies will enable us to evaluate the viability of species in jeopardy of extinction and develop scientifically sound conservation policies.

The island nation of Madagascar, located off the east coast of Africa, is one of the world's highest conservation priorities because of its enormous diversity of native species and alarming rate of habitat loss. Our **Madagascar Project** enhances local and national capacity for conservation through training and education, creates community-based protected areas to conserve tropical forest and wetland ecosystems, and addresses the potential extinction of raptor species.

Now in our 18th year in Madagascar, we maintain a fulltime Malagasy staff of 30, including biologists at the doctoral and master's degree level, to carry out this important work.

Half of Madagascar's 24 raptor species are found nowhere else on Earth. At least three of these are endangered. To build a strong foundation for effective conservation, we are filling the void about little-known Malagasy raptors. Since 1990, we have completed studies of 19 raptor species, including two studies that were concluded in 2007.

In 2007, we focused on two new project sites to help local

communities seek formal protected status for the lakes, forests, and grassland habitats that Madagascar's rare species need to survive. We provided guidance and expertise to local community associations to seek authorization by the Madagascar government to manage their forest and water resources responsibly and monitor human impacts on fisheries, forests, and other natural resources.

#### PAN AFRICA RAPTOR CONSERVATION

Staff: Munir Virani directs the Pan Africa Raptor Conservation Program. Russell Thorstrom manages the Madagascar Project with Lily-Arison Réné de Roland, Jeanneney Rabearivony, Marius Rakotondratsima, Jeanette Rajesy, and other staff who are listed on page 24.

**Cooperators:** We thank Simon Thomsett for his many years of assistance.

Left to right: Munir Virani and David Ngala measure a Dickinson's Kestrel on Pemba Island; the Augur Buzzard can adapt to some human dominance in the landscape, but populations decline when landscapes are converted to monoculture; Madagascar field technician, Möise, prepares to climb to a nest; our efforts will conserve a remote ecosystem in Madagascar that sustains dozens of rare species; an African Fish Eagle takes flight; islands off the east coast of Africa provide critical habitat for unique raptors.



Munir Virani

l'Environnement (ONE), University of Antananarivo, University of Tulear; National Ramsar Committee (CONARAMS), United Nations Educational, Scientific and Cultural Organization (UNESCO), Parc Botanique et Zoologique de Tsimbazaza, World Wide Fund for Nature (WWF-Madagascar), Wildlife Conservation Society, Conservation International, Ranomafana National Park, Projét Masoala, Madagascar Faunal Group, Durrell Wildlife Conservation Trust, and many others.

Financial support for this program was provided by grants from the Disney Wildlife Conservation Fund, Paul Tudor Jones II, and important Board support. Madagascar Project funding was received from the U.S. Agency for International Development (USAID), Liz Claiborne and Art Ortenberg Foundation, the Little Family Foundation, and Conservation International-Madagascar. The U.S. Agency for International Development has provided economic and humanitarian assistance worldwide for more than 40 years.

In Kenya, we collaborate with the Department of Zoology at the National Museums

of Kenya, Kenya Wildlife Service, Game

Ranching Limited Athi River, Hell's Gate Man-

agement Committee, David Harper of Uni-

versity of Leicester (United Kingdom), Lake

Sokoke Forest Management team, A Rocha,

Nature Kenya, Michael Koikai, Senior Warden

of the Masai Mara National Reserve, County

Council of Narok, Baringo and Koibatek, and

Heritage Hotels. In Uganda we collaborate

with Makerere University Institute of Envi-

ronment and Natural Resources and Nature

Uganda, while in Tanzania we collaborate

with the Ministry of Agriculture, Livestock

Department of Commercial Crops, Fruits, and

Forestry on Pemba. Genetic analysis of the

Jerome Fuchs of Département Systématique

et Evolution Unité Origine Structure et Evo-

In Madagascar we collaborate with the

Forêts (MinEnvEF), Minstère de l'Enseigne-

ment Supérieur (MinSup), Ministère de la

Recherche Appliquée au Développement

Protégées (ANGAP), Office National pour

(MRAD), Association pour la Gestion des Aires

Ministère de L'Environnement et des Eaux et

Pemba Scops Owl was conducted by Dr.

lution de la Biodiversité in France.

and Environment in Zanzibar, and the

Naivasha Riparian Association, Arabuko-

# asia-pacific





Klaus Nigge

# Symbols of power and strength, raptors like the Philippine Eagle inspire people to conserve rainforests.

The region from India to the Philippines is rich in raptor diversity with habitats ranging from the world's highest mountains to deserts and tropical rainforests. From Java and Sulawesi to New Guinea and the Philippines, the islands of Southeast Asia are particularly rich in species found nowhere else in the world.

Many Filipinos feel that the Philippine Eagle is an important part of their natural heritage. The nation's pride and hope for the future is tied to the survival of this icon—a symbol of power and strength—against the destructive forces of deforestation, poverty, and unsustainable population growth.

Since 1990, we have partnered with the **Philippine Eagle Foundation** on behalf of the Philippine Eagle, one of the world's largest eagles.

In 2007 we provided the Foundation—our best hope for preserving the Philippine Eagle in the wild—with financial support for field research, a captive breeding program, and conservation education. Peregrine Fund Vice President Rick Watson joined the Foundation board and chaired the Scientific Advisory Committee, providing

Mark Watson





guidance on research initiatives, such as understanding the eagle's spatial needs from satellite telemetry studies. Considerable research has been done but much more remains, especially regarding conservation strategies and the bird's status in the wild.

Rapid action is needed in India, Nepal, and Pakistan, where three species of *Gyps* vultures are on the verge of extinction.

In 2003 our Asian Vulture Crisis Project found that a veterinary drug called diclofenac was responsible for the sudden death of Oriental Whitebacked, Long-billed, and Slender-billed Vultures. India, Nepal, and Pakistan outlawed the use of diclofenac in 2006 but our seventh consecutive year of monitoring shows vulture populations still in decline across the sub-continent, indicating a continued exposure to this pharmaceutical toxin.

In India, populations of Oriental White-backed Vultures have dropped by 99.7% since 1990. Our studies show an even worse situation in Pakistan: from more than 2,500 pairs in 2000, none bred there in 2007. Loss of these scavengers has farreaching ecological, economic, cultural, and public health effects.

Our Asian Vulture Population Project has become an important information resource on the declining numbers and distribution of vultures. Data is added annually, with material collected in 2007 by 31 individuals and organizations from more than 100 sites, including our own survey team. We enhanced local capacity for conservation by supporting a New Guinea student while he developed methods to trap, band, and radio-tag **New Guinea Harpy Eagles** for his thesis research. With a scholarship from the Wildlife Conservation Society, he began graduate studies at the University of Kansas in 2007.

#### ASIA-PACIFIC RAPTOR CONSERVATION

Staff: Rick Watson directs this program and serves as a Trustee on the Philippine Eagle Foundation board. The Asian Vulture Crisis Project is directed by Rick Watson and conducted by Munir Virani with Patrick Benson, Muhammad Asim, Munawar Chaudhry, and Simon Thomsett assisting with fieldwork. The Asian Vulture Population Project website is maintained by Munir Virani and genetic studies are conducted by Jeff Johnson and David Mindell of the University of Michigan.

**Cooperators:** In New Guinea we collaborate with the Research and Conservation Foundation of Papua New Guinea, Wildlife Left to right: The Black Shaheen Falcon in India is a colorful relative of the Peregrine Falcon; Philippine Eagles require large tracts of rainforest, as do New Guinea Harpy Eagles (inset); humans and vultures co-exist in India; and researcher Pat Benson uses a spotting scope and a previous year's photograph to update the status of a vulture colony.

Munir Virani

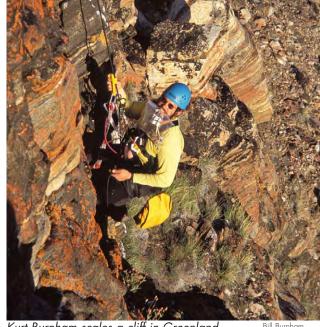
Conservation Society, Andrew Mack and Debra Wright, and the people of the Crater Mountain Wildlife Management Area.

In the Philippines, we collaborate with the Philippine Eagle Foundation and Jim and Joyce Grier. Important financial support was provided by the Liz Claiborne and Art Ortenberg Foundation.

In the Asian Vulture Crisis Project we work in partnership with Nature Conservation Pakistan, World Wide Fund for Nature–Pakistan, Punjab and Sind Wildlife Departments, Nature Council for Conservation of Wildlife, Bird Conservation Nepal, The Royal Society for the Protection of Birds (United Kingdom), Bombay Natural History Society, and the Forest Departments of Rajasthan and Madhya Pradesh (Government of India). Financial support was received from the Centre for Development and Finance (Chennai, India). Logistical support in India was provided by Balendu Singh of Dev Villas, Shailendra Tewari of Tigers Den, and Sharad Vats of Nature Safari Limited.

# conservation science

## www.globalraptorsorg



Ursula Valdez checks a Buckley's Forest Falcon nest in Peru. Kusi Seminario

Kurt Burnham scales a cliff in Greenland.

### We fuel conservation by enabling researchers in Earth's furthest reaches to gather **Critical data**.

Sound scientific research provides the basis for much of what we do and the decisions we make. Field research is described separately in each of the project descriptions on the previous pages.

Our Global Raptor Information **Network** stimulates raptor conservation by making critical information easily accessible in Earth's furthest reaches. We are harnessing the power of technology with an online database, a fingertip encyclopedia that makes reliable and up-to-date information about raptors freely available worldwide to anyone via the Internet.

The Global Raptor Information

Network fills a long-standing deficiency in global conservation, especially in poor or isolated regions where researchers do not have ready access to a major science library and knowledgeable peers. The network puts critical, up-to-date information into the hands of those who need it to create sustainable conservation plans for birds of prey. Network users can receive digital copies of publications from our library, often in minutes rather than weeks or months.

The network includes:

 Detailed handbook-style species accounts for all diurnal raptor species.

- A database with current information on species distribution, conservation status, population size, and population trend by country, continent, and zoogeographic region.
- Home pages for researchers and conservationists working on raptors where they can post the objectives and results of their ongoing studies.
- A bulletin board with recent raptor news, upcoming raptor meeting notices, and requests for assistance.
- Links to other raptor-oriented conservation groups.

The **Research Library**, located at our World Center for Birds of Prey

in Boise, Idaho, has thousands of books, technical journals, conservation magazines, and newsletters in its collection. In 2007, the library staff emailed copies of 930 requested documents at no charge to people in 36 countries.

One of our most important commitments in the quest for good raptor science is the Student Education **Program.** We support students worldwide who are prepared to take the lead as conservationists within the political, cultural, and social contexts of their own countries. In 2007, we supported 20 students seeking doctoral, master's, and bachelor degrees in Dominican Republic,

#### Students Supported in 2007 by The Peregrine Fund

on Asian Vultures for his Ph.D. at Virginia Tech University.

Kurt Burnham continued his Ph.D. program at the University of Oxford, United Kingdom.

Marcus Canuto received support for two years of studying White-necked Hawks, working toward an M.Sc. at the University of Auro Preto, Brazil.

Soi Cheruivot studied avifauna of Kenya's coastal Kaya Forests, specifically the Sokoke Owl, as part of an M.Sc. at Moi University.

César Gómez studied diurnal raptors along an altitudinal gradient along Central and West Andean Cordilleras of Colombia as part of his B.Sc. degree.

Kathia Herrera and Saskia Santamaría studied Harpy Eagle captive propagation and release as part of their B.Sc. degrees from the University of Panama.

Darcy Ogada continued field work on the Mackinder's Eagle Owl in connection with a Ph.D.

Nabin Baral continued studies program at Rhodes University, South Africa.

> Renzo Piana began his Ph.D. program at Manchester Metropolitan University, United Kingdom, and studied Grey-backed Hawks in Northern Peru.

Sandra Quiroga studied raptors as bioindicators of environmental quality in Corpochivor, Colombia, as part of a B.Sc. program.

Felicien Rafarantsoa completed his DEA study on the Black Kite in southern Madagascar through the University of Tulear.

Juliot Ramamonjisoa completed his DEA with a study on the Torotoroka Scops-Owl and began his doctoral program on owls in Bealanana, Madagascar.

Donatien Randrianjafiniasa completed his DEA study on the Madagascar Cuckoo-Hawk through the University of Antananarivo.

Veronica Salvador studied Solitary Crowned Eagles in

La Pampa, Argentina, as part of a B.Sc. program.

Ursula Valdez performed field work for her Ph.D. studies on forest falcons in Eastern Peru through the University of Washington.

Jose Vargas continued work on the nesting density of the Harpy Eagle in Darien, Panama, and analyzed data in preparation for his M.Sc. thesis.

Zena Wright and Erika Yates participated in the Neotropical Environmental Education Program in Panama, receiving credit for B.Sc. degrees from McGill University, Canada.

Lance Woolaver continued his doctoral program in association with our project on the Ridgway's Hawk in the Dominican Republic.

Allyson Woodard participated in a summer internship for environmental education and writing as part of her B.Sc. at Boise State University.

Panama, Argentina, Brazil, Colombia, Peru, Kenya, Madagascar, South Africa, United Kingdom, Canada, and United States (see list of students above).

Since 2003, we have included molecular genetic-based research in our conservation approach for several species. These analyses provide valuable information for making conservation decisions. They tell us about levels of genetic diversity within and among populations, identify geographic dispersal barriers between populations, and help define the evolutionary relationships among species. In 2007, molecular genetics research was applied to our studies on California Condors,

Oriental White-backed Vultures, Gyrfalcons, Peregrine Falcons, Harpy Eagles, Hook-billed Kites, Madagascar Fish Eagles, and Orange-breasted Falcons.

#### CONSERVATION SCIENCE

Staff: Rick Watson coordinates the student education program. The Global Raptor Information Network, the library, and the specimen collection are managed by Lloyd Kiff with assistance from Travis Rosenberry, Lindsay Reynolds, Leah Dunn, and Sylvia Copeland. Molecular systematics, phylogenetics, and population genetic research is conducted by Jeff Johnson at University of Michigan.

Cooperators: Financial support for the Global Raptor Information Network was provided by the M. J. Murdock Charitable Trust and Wolf Creek Charitable Foundation. Chris Restall and Patrick Farr assisted with the project. Important in-kind donations for the library were received from Clayton White, William Belton, Grainger Hunt, Patricia Burnham, and Roy Johnson. 2007 Publications of The Peregrine Fund

Since 1970, more than 1,100 scientific articles, reports, and books have been produced by The Peregrine Fund staff and associates. Publications in 2007 include:

Bond, F.M. 2007. Role of falconers in New World raptor conservation and the law. Pp. 193-203 in Bildstein, K., D.R. Barber, and A. Zimmerman eds. Neotropical Raptors. Hawk Mountain Sanctuary, Orwigsburg, Pennsylvania, USA.

Cade, T.J. 2007. Exposure of California Condors to lead from spent ammunition. Journal of Wildlife Management 71(7):2125-2133.

Gilbert, M., R.T. Watson, M. Virani, J.L. Oaks, S. Ahmed, M. Chaudhry, M. Arshad, S. Mahmood, A. Ali, and A. Khan. 2007. Neck-drooping posture in Oriental White-backed Vultures (Gyps bengalensis): An unsuccessful predictor of mortality and its probable role in thermoregulation. Journal of Raptor Research 41(1):35-40.

Gilbert, M., R.T. Watson, S. Ahmed, M. Asim, and J.A. Johnson. 2007. Vulture restaurants and their role in reducing diclofenac exposure in Asian vultures. Bird Conservation International 17:63-77.

Hunt, W.G., C.N. Parish, S.C. Farry, T.G. Lord, and R. Sieg. 2007. Movements of introduced condors in Arizona in relation to lead exposure. Pp. 79-96 in Mee, A., L.S. Hall, and J. Grantham eds. California Condors in the 21st Century. American Ornithologists' Union and Nuttall Ornithological Club.

Johnson J.A., K.K. Burnham, W.A. Burnham, and D.P. Mindell. 2007. Genetic structure among continental and island populations of Gyrfalcons. Molecular Ecology 16:3145-3160.

Johnson J.A., P.O. Dunn, and J.L. Bouzat. 2007. Effects of recent population bottlenecks on reconstructing the demographic history of prairie-chickens. Molecular Ecology 16:2203-2222.

Johnson, J.A., R. Thorstrom, and D.P. Mindell. 2007. Systematics and conservation of the Hook-billed Kite including the island taxa from Cuba and Grenada. Animal Conservation 2007:1-11.

Parish, C.N., W.R. Heinrich, and W. Grainger Hunt. 2007. Lead exposure, diagnosis, and treatment in California Condors released in Arizona. Pp. 97-108 in Mee, A., L.S. Hall, and J. Grantham eds. California Condors in the 21st Century. American Ornithologists' Union and Nuttall Ornithological Club.

Razafimanjato, G., T.S. Sam, and R. Thorstrom. 2007. Waterbird monitoring in the Antsalova Region, Western Madagascar. Waterbirds 30(3):441-447.

Razafimanjato, G., L-A. Réné de Roland, J. Rabearivony, and R. Thorstrom. 2007. Nesting biology and food habits of the Peregrine Falcon Falco peregrinus radama in the south-west and central plateau of Madagascar. Ostrich 78(1):7-12.

Réné de Roland, L., T.S. Sam, M. P.H. Rakotondratsima, and R. Thorstrom. 2007. Rediscovery of the Madagascar Pochard (Avthva innotata) in northern Madagascar, Bull ABC 14(2):171-174.

Sullivan, K., R. Selig, and C. Parish. 2007. Arizona's efforts to reduce lead exposure in California Condors. Pp. 109-121 in Mee, A., L.S. Hall, and J. Grantham eds. California Condors in the 21st Century. American Ornithologists' Union and Nuttall Ornithological Club.

Thomsett, S. 2007. A record of a first year dark plumage Augur Buzzard moulting into normal plumage. Gabar 18(1):25-30.

Thorstrom, R. 2007. Home ranges of Barred (Micrastur ruficollis) and Collared (M. Semitorquatus) Forest-Falcons during the breeding season in Tikal National Park, Guatemala. Ornitología Neotropical 18:395-405.

Thorstrom, R., J. Almonte, and S.B. De La Rosa. 2007. Current status and breeding biology of the Ridgway's Hawk. Pp. 33-39 in Bildstein, K.L., D.R. Barber, and A. Zimmerman eds. Neotropical Raptors. Hawk Mountain Sanctuary, Orwigsburg, Pennsylvania, USA.

Tingay, R.E., M. Culver, and R.T. Watson. 2007. Using molecular sexing to assess field-based sexing techniques in the Madagascar Fish-Eagle. Journal Raptor Research 41(1):45-49.

Watson, R.T. 2007. The effect of diclofenac on South Asian Gyps vultures: Lessons for wildlife biologists. Pp. 185-192 in Bildstein, K., D.R. Barber, and A. Zimmerman eds. Neotropical Raptors. Hawk Mountain Sanctuary, Orwigsburg, Pennsylvania, USA.

Woods, C. P., W. R. Heinrich, S. C. Farry, C. N. Parish, S. A. H. Osborn, and T. J. Cade. 2007. Survival and reproduction of California Condors released in Arizona. Pp. 57-78 in Mee, A., L.S. Hall, and J. Grantham eds. California Condors in the 21st Century. American Ornithologists' Union and Nuttall Ornithological Club.

# educating for conservation



Jack Catterty





Jack Cafferty

### Birds of prey inspire people throughout the world to think critically about human footprints on ecosystems.

We want individuals, young and old, to make informed decisions about conserving our natural world.

That is why we commit a sizeable portion of our budget to public education. All of our conservation projects worldwide have an educational component, from supporting promising university students and educating grade-school students to presenting plays and festivals to children and adults (see previous pages).

At our **World Center for Birds of Prey** in Boise, Idaho, visitors have a unique opportunity to learn about raptor conservation on a personal level from educators and volunteer docents, who often have a live bird of prey on their arm. It is an experience few visitors ever forget.

In 2007, our **Education Program** reached more than 46,000 people. Most of them toured the Velma Morrison Interpretive Center, but we also took our show on the road, presenting talks, slide shows, and live bird demonstrations to classrooms, at bird festivals, and community gatherings throughout the Pacific Northwest. For the first time since the Interpretive Center opened in 1994, we presented flight demonstrations with live birds, further enhancing our ability to boost appreciation and understanding of raptors and their importance in ecosystems.

A new exhibit was constructed to honor the late Bill



Jack Cafferty

Burnham, our president and CEO for 20 years. And the art gallery in our lobby grew with the gift of a beautiful life-sized wood carving of a Bald Eagle by well-known sculptor Jim Robison of Hopedale, Illinois.

As always, volunteers played a vital role in the Interpretive Center's success. A total of 94 volunteers worked in the gift shop, cleaned bird chambers, conducted tours, and performed miscellaneous chores, contributing 6,355 hours to the education program. We attracted nearly 30 new volunteers last year.

On 10 March 2007, The Archives of Falconry celebrated its 20th anniversary a year late due to construction the previous year of the beautiful new Arab wing that opened in November 2006. The addition



features an authentic Arab goathair hunting tent, interactive displays, murals, and artwork depicting the ancient sport of falconry in the Middle East. The Wall of Remembrance, with plaques honoring deceased falconers, was dedicated at the anniversary celebration.

The archives opened its doors to the public last summer with regularly scheduled tours. Visitors learn about the important contributions falconers have made to raptor conservation while viewing the archives' impressive collection of artwork, books, and artifacts.

We recognize that it is impossible to conduct business in today's world without a strong online presence. Our **Internet** project uses the website and e-newsletters to provide timely information in a cost-effective

manner to our members and supporters and to inform the general public about our organization and activities. In 2007, the website received an average of 277,000 page views per month, a significant increase over 2006. We distributed enewsletters and announcements to more than 7,000 subscribers.

Supporters were able to stay abreast of the latest news about recovery projects for California Condors, Aplomado Falcons, Orange-breasted Falcons, and other raptors through field notes that are regularly updated and posted on the website. We are taking advantage of this powerful international communication tool by including video, photos, slide shows, and links to related materials.



Staff: Education program staff are: Jack Cafferty, program and facility

Trish Nixon, raptor specialist; Jim Willmarth, curator of birds; Mark Purdy, education program coordinator; Sue Bello, interpretive center coordina-

assisted by David Wells as administrator. Kent Carnie is curator emeritus.

Amy Siedenstrang coordinates the information program and Susan

Cooperators: Assistance continued to be provided by H.H. Mohamed

Whaley handles public relations. Linda Behrman manages the website.

bin Zayed Al Nahyan for completion of the Sheikh Zayed Arab Falconry

Heritage Wing. The Wolf Creek Charitable Foundation, Eyas Foundation,

Walter A. Hill and Family Foundation. John and Vicki Swift. and Dr. and

Mrs. William E. Cornatzer provided financial assistance. In-kind gifts were

received from James Weaver, Pete Widener, Pat and Kurt Burnham, John Swift, Frank Elv, Kathleen Orlenko, Rich Borguist, and John Morris.

Financial partners for the education program were the Laura Moore

Cunningham Foundation, Decade Charitable Lead Annuity Trust, U.S.

Bancorp Foundation, Islands Fund, Chichester DuPont Foundation, The

Harry W. Morrison Foundation, Tesoro Petroleum Companies, Inc., Hig-

gins and Rutledge Insurance, Bank of America, Key Bank, Idaho Watch-

Alliance, and Ada County Association of Realtors Foundation, Inc. We

National Laboratory through corporate funds from Battell Energy

are indebted to our volunteers who are listed on page 24.

able Wildlife program of the Idaho Department of Fish and Game, Idaho

director; Nick Piccono, volunteer coordinator and gift shop manager;

John Swift serves as curator for The Archives of Falconry and is

CONSERVATION EDUCATION

tor; and Brian Gloshen, facility maintenance.

Left to right: falconer and artist Jim Robison installs his wood carvina of a Bald Eagle at the Velma Morrison Interpretive Center; Trish Nixon gives visitors of all ages a close-up look at a Red-tailed Hawk: future scientists dissect an owl pellet; The Archives of Falconry provides ample subject matter for a budding artist; and Sigrid, a female gyrfalcon, is our newest education bird.

# an even distribution of weight,

resulting in stability.

More than ever, we need your support to balance the needs of a growing number of endangered raptor species.

Since an endowment covers nearly all our administrative costs, 96 cents of every dollar you donate will be applied where it's needed most: to help endangered birds.

Please consider a membership, bequest, memorial, or donation. For more information, see the enclosed envelope, visit us online at www.peregrinefund.org, or call (208) 362-3716.

## income

photo courtesy of The Archives of Falcc



1987

1992

### expense



Statement of Financial Position • 30 September 2007 and 2006

ASSETS	2007	2006			
CURRENT ASSETS					
Cash and cash equivalents	\$ 1,293,354	\$ 1,452,622			
Merchandise inventory	20,500	22,674			
Grants receivable	119,858	109,783			
Other accounts receivable	162,719	94,077			
Prepaids and other current assets	98,017	65,321			
TOTAL CURRENT ASSETS	1,694,448	1,744,477			
PROPERTY, EQUIPMENT, AND ARCHIVES					
Land	1,513,000	1,513,000			
Land improvements	717,104	693,045			
Buildings	4,621,559	4,160,061			
Vehicles and trailers	1,199,215	1,029,155			
Equipment	167,982	158,753			
Fixtures and displays	1,436,785	699,241			
Construction in progress	78,991	562,470			
	9,734,636	8,815,725			
Accumulated depreciation	(3,835,595)	(3,557,159)			
	5,899,041	5,258,566			
Archives	2,042,658	1,835,844			
	7,941,699	7,094,410			
ENDOWMENT ASSETS					
Cash	25,840	10,227			
Investments	10,722,888	9,548,974			
	10,748,728	9,559,201			
	\$20,384,875	\$18,398,088			
<b>LIABILITIES &amp; NET ASSETS</b> CURRENT LIABILITIES	2007	2006			
Accounts payable	\$ 207,313	\$ 294,340			
Accrued taxes and expenses	90,097	21,642			
Deferred revenue	217,710	481,770			
TOTAL CURRENT LIABILITIES	515,120	797,752			
NET ASSETS					
Operating fund	1,179,328	946,725			
Endowment fund	10,748,728	9,559,201			
Investment in property,					
equipment and archives	7,941,699	7,094,410			
TOTAL NET ASSETS	19,869,755	17,600,336			
	\$20,384,875	\$18,398,088			

Results do not include pledges receivable at September 30.

Materials and services contributed by individuals and organizations are recorded at fair market value at the time of the donation.

Investment income includes interest income and endowment withdrawals.

The Peregrine Fund's financial statements were audited by the Certified Public Accounting firm of Eide Bailly LLP. A copy of the complete financial statements may be obtained by contacting The Peregrine Fund.

### 2007 DONATIONS TO THE PEREGRINE FUND

### The Peregrine Fund is a not-for-profit organization

and can operate only through the support of voluntary contributions. Because no work could have been done without this financial support, the birds truly are in your hands. We are proud to list the individuals, businesses, organizations, foundations, and agencies who have contributed \$100 or more, including gifts of goods or services, during 2007. We regret that space limits us to listing only those who have contributed at that level and above. Every donor is very important to us, and your continuing participation makes the programs possible. We thank each of you for your partnership.

#### \$20,000 or more

H.H. Mohamed bin Zayed Al Nahyan Arizona Game and Fish Department Lee and Ramona Bass Foundation Mr. and Mrs. Lee Bass Archie W. and Grace Berry Foundation Mr. Harry Bettis The Bobolink Foundation Mr. Frank M. Bond Bureau of Land Management, New Mexico Liz Claiborne and Art Ortenberg Foundation Laura Moore Cunningham Foundation, Inc. Decade Charitable Lead Annuity Trust Roy Disney Family Foundation Disney Wildlife Conservation Fund ExxonMobil Foundation **Eyas Foundation** Fundacion Albatros Media Kate and Sam Gary Jr. Mr. and Mrs. Z. Wayne Griffin, Jr. Walter C. Hill and Family Foundation The Tim and Karen Hixon Foundation Willard J. Houghton Library Islands Fund The Willard T.C. Johnson Foundation, Inc. Mr. and Mrs. David Junkin, II

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CHAIRMAN'S CIRCLE MEMBERS 2007

We are pleased to honor this year's Chairman's Circle members. Their unrestricted gifts allow flexible response to changing circumstances and are critical to the organization's operation.

Chairman's Circle offers memberships at these levels: Premiere \$5,000 Patron \$2,500 Partner \$1,000

If you would like more information, please call our membership office at (208) 362-3716.

Drs. Frederick A. Beland and Susan S. Beland\*+ Will and Margaret Betchart\* Marilyn and John Bicking\* Dr. Richard Bierregaard and Ms. Cathy Dolan\*+ Mr. and Mrs. Duncan Boeckman\* Rebekah and Shawn Briscoe\* Mr. and Mrs. Frederick Brodsky\* Mr. and Mrs. Eric Burgess\*+ Mr. and Mrs. Blake Chapman Mr. and Mrs. Frank T. Curtin\*+ Count Charles de Ganav\* Mr. Paul Dickson\* Mr. Timothy Doheny\* Devon and Katherine Elstun\*+ Ms. Dianne Eshbach\* Mr. Kevin A. Finn\*+ Ms. Margaret Flerchinger\* Ms. Rebecca Gaples and Mr. Simon Harrison\*+ Mrs. Helen K. Groves\* Dr. Stephen Hill\*+ Ms. Tracy Holmes Mr. John Kahl Mr. and Mrs. Harvey C. King\* Ms. Judith King Luther King Capital Management\*+

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#### 2007 MEMORIAL GIFTS AND BEQUESTS

During 2007, donations were received in memory of the following individuals:

Erich Awender	R.D. Clark	Jerry Holzer	Cornelius F.	Peter Pfendler
John A. Ball	Elbert Cleaveland	Francis Huffman	McFadden	Robert A. Rowen
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We hope you will consider The Peregrine Fund in your estate planning. Memorial gifts and bequests are placed in our endowment fund so that these gifts can permanently support the conservation of birds and their environments. We welcome inquiries about bequests at (208) 362-3716.

If you wish to make a provision in your will, the following general text is suggested:

"I give, devise, and bequeath to The Peregrine Fund, Inc., an Idaho not-for-profit corporation, located on the date hereof at the World Center for Birds of Prey, 5668 West Flying Hawk Lane, Boise, Idaho 83709, the sum of \$\_\_\_\_\_ (or specifically described property)."

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2007 Annual Report

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Thanks to Christie Van Cleve for our cover photograph

of condors circling near the Grand Canyon.

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### Tom J. Cade

#### Chairman, 1986-1990

Professor Emeritus from Cornell University, Tom Cade served as Director of the Raptor Research Center at Boise State University. He has published more than 150 scientific papers and authored or edited four books, including *The Falcons of the World.* Tom received his Ph.D. in 1957 from the University of California at Los Angeles. In his 80th year, Tom remains an avid falconer and mentor to The Peregrine Fund staff.



### Roy E. Disney

#### Chairman, 1990-1992

Roy Disney is Director Emeritus of The Walt Disney Company, where he served as Vice President, producer, director, and writer. He is Chairman of Shamrock Holdings, Inc., a whollyowned family enterprise that he organized in 1978, and Chairman of Trefoil Investors, Inc., an investment partnership. Roy has four children and 16 grandchildren, and his hobbies include offshore yacht racing.



### Gerald D. Herrick

#### Chairman, 1992-1994

Jerry Herrick was Chairman of the Board for Ore-Ida Foods, Inc. He and his wife, Kathy, funded construction of the Tropical Raptor Building and the road paving at the World Center for Birds of Prey. Their generous posthumous contribution helped establish the Herrick Collections Building, which since 2002 has housed The Peregrine Fund library and specimen collections, as well as The Archives of Falconry.



### Julie A. Wrigley

#### Chairman, 1994-1996

Julie Wrigley, a lawyer, is President and CEO of Wrigley Investments LLC. She serves on the Board of Directors of The E. W. Scripps Company and is President of the Julie Ann Wrigley Foundation, a Board Member of the Burns Family Foundation, and Co-Chairman of the Global Institute of Sustainability at Arizona State University. In 2007 the Greater Arizona Fund Raising Professionals named her Outstanding Philanthropist. Her interests include skiing, hiking, and showing cutting horses.



### Henry M. Paulson, Jr.

Chairman, 1996-2000

Henry M. Paulson, Jr., was named United States Treasury Secretary in 2006. He previously served as the Chairman and Chief Executive Officer of Goldman Sachs. He served as Board Chairman and Asia-Pacific Council Co-Chair of The Nature Conservancy. His involvement with The Peregrine Fund began in the 1970s when Hank and his wife, Wendy, helped band Peregrine Falcons on Assateague Island.



### D. James Nelson

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Chairman, 2002-2005

Jim Nelson is President of Nelson Construction and Treasure Valley Concrete. He received his undergraduate degree in English Literature from Columbia. He is a Past President of the Boise State University Foundation and a Board member of St. Luke's Hospital, the Boise Art Museum, and the Public Library Foundation. Jim and his wife, Karin, are avid travelers.

### Paxson H. Offield



Paxson Offield is Chairman of the Board of the Santa Catalina Island Company. He serves as Chairman of the Board of Benefactors of the Catalina Island Conservancy, and is a Trustee of the International Game Fishing Association. In fall of 2005 the President of Panama presented him with the country's highest honor, the Order of Manuel Amador Guerrero, for his longterm support and leadership in Harpy Eagle conservation and research.



### lan Newton

#### Chairman, 2005-present

Ian Newton retired as Senior Ornithologist with the Natural Environment Research Council in Great Britain. Ian lectures widely, has published about 250 scientific papers, and authored six books, including *Population Ecology of Raptors* and *The Sparrowhawk*. He received his D.Phil. and D.Sc. degrees from Oxford University. Ian has been recognized by the British Honours System, and was presented with an award by the Queen for his services to ornithology and conservation.



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