



TRUE GREEN

FROM OUR PRESIDENT

Green is in. No longer a fad, more than a trend, environmental commitment has infused our commercial, political, and personal discourse. Every time you turn around, it seems, another company, political leader, or public personality is sharing how they have discovered their inner greenness.

continued next page

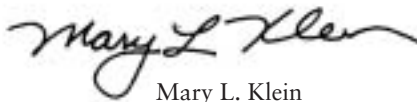
One of the most inspiring developments is how ordinary individuals are seeking out ideas and taking steps in their own lives to contribute to a greener society. Recycling, using low-energy appliances, conserving water, and buying hybrid vehicles are all mainstream activities now. And the benefits of each individual step are compounded by the ever-increasing number of people involved.

As a 20-year veteran of what are now being called “green-collar jobs,” I am both elated by this deserved attention to the health and vitality of our planet, and genuinely concerned that all of this newfound energy be channeled in ways that achieve long-lasting benefits to life on earth.

Because as important as these steps are, they will not—by themselves—guarantee our ability to leave future generations with an environment that still supports the variety of wildlife and natural places that enrich our lives and support our livelihoods. To achieve that goal, people also need to “scale-up” their impact by working together. This is especially true with respect to how we use our lands and waters in the pursuit of economic prosperity.

That is where NatureServe comes in. By advancing the scientific knowledge essential for effective conservation action, NatureServe plays a critical role in building a truly sustainable society. Our network of on-the-ground experts serves as the brain trust for applied conservation science. We have become the go-to source for detailed information about the species and ecosystems that are most in need of help, and most at risk of being lost forever. That information, in turn, helps society to intelligently weigh the impacts of how we use our lands and waters—whether for agriculture or timber, transportation or energy exploration, development or conservation. Our data helps determine best practices for certified sustainable forest products and for LEED green building certification. And our analyses play an increasing role in educating an environmentally-engaged public.

The stories in this year’s report highlight the power of NatureServe’s unique combination of expertise (embodied in people), information (pooled and shared to build knowledge), and tools to apply that information to specific conservation challenges. Your support for NatureServe will ensure that knowledge keeps pace with the needs of a changing world. Together, we all can help society to scale up its efforts and translate environmental commitment into a sustainable world for our children. And soon, we’ll reach an even deeper shade of green.



Mary L. Klein
President and CEO, NatureServe



FIELD WORK AND DISCOVERIES

With more than 30,000 islands, large and small, the Great Lakes comprise the world’s largest collection of freshwater islands. Many hold unusual habitats such as dune systems, alvars, and tallgrass prairies. Scientists from the Ontario Natural Heritage Information Centre and the Nature Conservancy of Canada completed a multi-year assessment of the biodiversity value of Great Lakes islands and the threats they face, part of a bi-national strategy for conserving freshwater island ecosystems.



NatureServe Contributors

We thank the following contributors for their generous gifts and pledges to NatureServe (received from July 1, 2006 through June 30, 2007).

Individuals

\$10,000 and above

Dick Bartlett*
The Louisa Copeland Duemling Charitable Lead Trust
Benjamin C. Hammett*
Sherry Huber*
William C. Landreth*
Larry Master*
Lucia Nash*
John Sall

\$1,000 to \$9,999

Jennifer Belcher*
Joseph F. Bond, Jr.
Preston Caruthers
Individuals from the 2006-07 Combined Federal Campaign
Holly D. Doremus and Gordon E. Anthon
Hamilton and Lin Emmons
Mary L. Klein
Gary Knight*
Thomas E. Lovejoy*
Deborah J. Lucas
Larry Morse, L.E.M. Natural Diversity*
Mr. and Mrs. James C. Nelson
Mary Opalak
Margaret Ormes*
Ron and Janice Pulliam*

William Reid
The Grace Jones Richardson Trust
Doug Ripley*
Renee Rondeau and Gordon Rodda
Sandra J. Simmons*
Tom and Joyce Smith*
Judy and Robert Soule*
John Steffenson*
Larry and Sue Sugarbaker*
The Gene M. and Charlyne Tucker Fund
John Wiens*
Joseph Williams
Edward O. Wilson

Less than \$1,000

Anonymous (4)
Vincent J. Abreu
James T. Addis
Mr. and Mrs. Alan Weakley
Deborah Albert
Kenneth and Gail Albert
Juan Pablo Arce Salcedo
John A. Bacone
B.W. Baker and Jonathan E. Wilfong, Jr.
Madge Baker
Doug Barker
Jennifer Belcher
Christopher Boebel and Glenna Eaves
Jon Brazill
Herman and Mary Breden
Nancy, Carolyn and Amy Breden

William and Eileen Breden
Mark Brodkey
Lee Casebere
Karen Coda, in memory of Mike Coda
Carmen Converse
Mr. Craig R. Groves and Ms. Victoria Saab
Berenice and Walter Craigie
Patrick and Tina Crist
Richard and Mary Crouch
Joyce Davis
Edward N. Dayton
Charles and Marylee Dodge
George V. Downing
Kurt Eckerstrom
Joy Gaddy and Bob Rowe
Richard H. and Esther B. Goodwin

* amount represents total value of multi-year pledge
† gift in kind
+ matching gift



North America's Reptiles: Hanging in There

With their scaly exteriors and often prickly personalities, reptiles have a public relations problem. Better viewed as fascinating than fearsome, reptiles may be as poorly-known as they are misunderstood, with hundreds of species likely still undiscovered by science. To advance conservation of these intriguing animals, NatureServe scientists worked in partnership with reptile experts from universities, IUCN-The World Conservation Union, and Conservation International to carry out the first-ever comprehensive evaluation of North America's snakes and lizards. The study was an important step in the ongoing Global Reptile Assessment, a multi-year effort by the IUCN Red List consortium to assess the status of all reptiles worldwide—about 8,000 currently known species.

Our study found that among 721 species of lizards and snakes native to Mexico, the United States, and Canada, about one in eight are already threatened with extinction. In comparison with the perils facing other animals, this figure is actually reasonably good news. A similar assessment of the planet's amphibians in 2004, for example, found nearly one-third at risk of extinction. "It's worth pointing out the good news that many reptiles are hanging in there," said Geoff Hammerson, Ph.D., a NatureServe zoologist and major contributor to the research. "Reptiles have faced a lot of challenges in their 300-million-year evolutionary history, and some of them just might outlast us."

Our Mission

Providing the scientific basis for effective conservation action.

Our Network

The NatureServe network of member programs includes 82 independent natural heritage programs and conservation data centers in the United States, Canada, Latin America, and the Caribbean.

Canada

Alberta Natural Heritage Information Centre
Alberta Parks & Protected Areas Division

Atlantic Canada Conservation Data Centre
Mount Allison University

British Columbia Conservation Data Centre
British Columbia Ministry of Environment

Manitoba Conservation Data Centre
Manitoba Conservation Wildlife & Ecosystem Protection Branch

NatureServe Yukon
Yukon Dept. of Environment

Ontario Natural Heritage Information Centre
Ontario Ministry of Natural Resources

Québec Conservation Data Centre / Centre de Données sur le Patrimoine Naturel du Québec
Ministère des Ressources Naturelles et de la Faune
Ministère du Développement durable et des parcs

Saskatchewan Conservation Data Centre
Saskatchewan Environment

United States

Alabama Natural Heritage Program
Auburn University

Alaska Natural Heritage Program
University of Alaska – Anchorage

Arizona Heritage Data Management System
Arizona Game & Fish Dept.

Arkansas Natural Heritage Program
Arkansas Natural Heritage Commission

California Natural Diversity Database
California Dept. of Fish & Game

Colorado Natural Heritage Program
Colorado State University

Connecticut Natural Diversity Database
Connecticut Dept. of Environmental Protection

D.C. Fisheries & Wildlife
D.C. Dept. of Health

Delaware Natural Heritage Program
Dept. of Natural Resources & Environmental Control

Florida Natural Areas Inventory
Florida State University

Georgia Natural Heritage Program
Georgia Dept. of Natural Resources

Tony and Sally Grassi
Andrew and Gail Harcombe
David Harrison
Cloyce Hedge
Stephanie Hesse
Daniel Hildreth
Signe L. Holtz
Geraldyn M. Honey
Leslie Honey
Anna Jeffrey
Carmen Josse
Jupiter Island Garden Club
James Kagan
Ms. Katie Jensen
Edward Kfoury
David L. Kinnamon
Fredric R. Kutner
Mary Ann Lawler and
Neal Sigmon

Robert and Dee Leggett
John and Betty Lemon
David and Evelyne Lennette
Mr. Leonard Litwin
Betty Les
Orie & Elinor Loucks
David T. Mayo
Jay J. Messer
Marianne Mooney and
Joseph Sasfy
William Murray
Cristiane Nascimento
Deirdre Neilen
Jennifer Nichols
Carl Nordman
Gordon and Elizabeth
Orians
Margaret Ormes
Sherene and Salvatore
Pavone

Lisa Plourde
Mary and Ted Pockman
Kerri Ratcliffe
Chuck and Yvonne
Richards
Rob and Lisa Riordan
Mr. Robert K. Moseley and
Ms. Renee Mullen
Keith and Terri Schulz*
Shoreh and Mohammad
Shadman-Valavi
Carrie Shaw and Marc
Hoshovsky
Ann Shulman
Jocelyn and Bill Sladen
Richard Sobel
Robert P. Solomon
Adam Sonfield
Bruce and Susan Stein

Catherine Stroup and
Family
Hannah Sukonick
Adele and Fred Tomaino
Janice and Michael Urbans
Rita Irene Varley
Cameron M. Vowell
Marvalee & David Wake
Robert and Laura Watson
Whitney Weber
Rickie White
Leni A. Wilsmann and
Andrea M. Poniers
Helen and Sumner
Winebaum
Jean Young
Karen Young and Paul
Robie

Foundations

Anonymous
The Bobolink Foundation
Naomi and Nehemiah Cohen
Foundation
Sarah K. de Coizart Article TENTH
Perpetual Charitable Trust
Doris Duke Charitable Foundation
Faucett Family Foundation
Regina Bauer Frankenberg Foundation
for Animal Welfare
Marisla Foundation
Gordon and Betty Moore Foundation
The Curtis & Edith Munson Foundation
National Fish and Wildlife Foundation
National Science Foundation
The David and Lucile Packard
Foundation
Sharpe Family Foundation
The Tinker Foundation
West Hill Foundation for Nature



Southeastern Colorado is home to the largest intact shortgrass prairie landscape in the United States, largely maintained by generations of ranching families. More than 100 rare species thrive here. Nearly 40 private landowners have joined forces with Colorado Natural Heritage Program scientists to identify and safeguard the region's wildlife. Pictured here, a rare tiger moth lays eggs on dwarf milkweed, itself an imperiled plant native to the shortgrass prairies.

Hawaii Natural Heritage Program
University of Hawaii

Idaho Conservation Data Center
Idaho Dept. of Fish & Game

Illinois Natural Heritage Information Center
Illinois Dept. of Natural Resources

Indiana Natural Heritage Data Center
Indiana Dept. of Natural Resources

Iowa Natural Areas Inventory
Iowa Dept. of Natural Resources

Kansas Natural Heritage Inventory
University of Kansas

Kentucky Natural Heritage Program
Kentucky State Nature Preserves Commission

Louisiana Natural Heritage Program
Louisiana Dept. of Wildlife & Fisheries

Maine Natural Areas Program
Maine Dept. of Conservation

Maryland Natural Heritage Program
Maryland Dept. of Natural Resources

Massachusetts Natural Heritage & Endangered Species Program
Massachusetts Division of Fisheries & Wildlife

Michigan Natural Features Inventory
Michigan State University Extension

Minnesota Natural Heritage & Nongame Research
Minnesota Dept. of Natural Resources

Mississippi Natural Heritage Program
Mississippi Museum of Natural Science

Missouri Natural Heritage Program
Missouri Dept. of Conservation

Montana Natural Heritage Program
Montana State Library

Navajo Natural Heritage Program
Navajo Fish & Wildlife Dept.

Nebraska Natural Heritage Program
Nebraska Game & Parks Commission

Nevada Natural Heritage Program
Nevada Dept. of Conservation & Natural Resources

New Hampshire Natural Heritage Bureau
New Hampshire Dept. of Resources & Economic Development

New Jersey Natural Heritage Program
New Jersey Office of Natural Lands Management

New Mexico Natural Heritage Program
University of New Mexico

New York Natural Heritage Program
New York State Dept. of Environmental Conservation

North Carolina Natural Heritage Program
North Carolina Dept. of Environment & Natural Resources

North Dakota Natural Heritage Inventory
North Dakota Parks & Recreation Dept.

Ohio Natural Heritage Program
Ohio Dept. of Natural Resources

Oklahoma Natural Heritage Inventory
University of Oklahoma

Oregon Natural Heritage Information Center
Oregon State University

Pennsylvania Natural Heritage Program
Pennsylvania Dept. of Conservation & Natural Resources
Western Pennsylvania Conservancy

Rhode Island Natural History Survey
University of Rhode Island

South Carolina Heritage Trust
South Carolina Dept. of Natural Resources

South Dakota Natural Heritage Database
South Dakota Dept. of Game, Fish & Parks

Tennessee Division of Natural Heritage
Tennessee Dept. of Environment & Conservation

Texas Conservation Data Center
The Nature Conservancy of Texas

Texas Wildlife Diversity Branch
Texas Parks & Wildlife Dept.

TVA Regional Natural Heritage Program
Tennessee Valley Authority

Utah Natural Heritage Program
Utah Division of Wildlife Resources

Vermont Nongame & Natural Heritage Program
Vermont Fish & Wildlife Dept.

Virginia Division of Natural Heritage
Virginia Dept. of Conservation & Recreation

Washington Natural Heritage Program
Washington Dept. of Natural Resources

West Virginia Natural Heritage Program
West Virginia Division of Natural Resources

Wisconsin Natural Heritage Program
Wisconsin Dept. of Natural Resources

Wyoming Natural Diversity Database
University of Wyoming

Latin America and Caribbean

Belize
Biodiversity and Environmental Resource Data System for Belize (BERDS)
Belize Tropical Forest Studies

Bolivia
Centro de Biodiversidad y Genética
Universidad Mayor de San Simón
Centro de Investigación y Preservación de la Amazonia
Universidad Amazónica de Pando

Colombia
Centro de Datos para la Conservación de Colombia
Corporación Autónoma Regional del Valle del Cauca

Ecuador
Centro de Datos para la Conservación de Ecuador
Alianza Jatun Sacha

El Salvador
SalvaNATURA

Guatemala

Centro de Datos para la Conservación de Guatemala
Universidad de San Carlos

México

Centro de Datos para la Conservación de Sonora
CEDES

Pronatura Noreste A.C.
Pronatura Chiapas A.C.
Pronatura A.C. Veracruz
Pronatura Península de Yucatán A.C.
Pronatura México A.C.
Pronatura A.C. Noroeste

Nicaragua

Sistema Nacional de Información Ambiental (SINIA)
Ministerio del Ambiente y los Recursos Naturales

Panamá

Centro de Datos para la Conservación de Panamá
ANCON

Paraguay

Centro de Datos para la Conservación de Paraguay
Secretaría del Ambiente

Perú

Centro de Datos para la Conservación de Perú
Universidad Nacional Agraria La Molina

Puerto Rico

Programa de Patrimonio Natural
Departamento de Recursos Naturales y Ambientales

Venezuela

El Centro Internacional de Ecología Tropical (CIET)
Instituto Venezolano de Investigaciones Científicas

Corporations

ChevronTexaco Products Co.
EarthData
Energy Corporation
ESRI †
ExxonMobil Corporation
First Data Western Union Foundation +
Forest Capital Partners, LLP
Goldman, Sachs & Co.
Hancock Forest Management
IBM Corporation +
International Paper
Kimberly-Clark
Limited Brands, Inc.
L.L. Bean, Inc.
Natural Resource Group, Inc.
Office Depot
Science Applications International Corp.
Sears/Lands' End
James W. Sewall Company
Syngenta Crop Protection, Inc.
TRC Inc.

Major project funding has also been received from:

Bay Area Open Space Council
British Columbia Conservation Data Centre
Cambridge Systematics
Center for Plant Conservation
Colorado State University
Conservation Trust of Puerto Rico
Delaware Dept. of Natural Resources and Environmental Control
EcoCity Cleveland
Environmental Defense, The Center for Conservation Incentives
FIFRA Endangered Species Task Force
Florida International University
Forest Products Association of Canada
Global Biodiversity Information Facility
The H. John Heinz III Center for Science, Economics and the Environment
Inter-American Development Bank

National Aeronautics and Space Administration (NASA)
National Council for Air and Stream Improvement (NCASI)
National Oceanic and Atmospheric Administration (NOAA)
The Nature Conservancy
Oklahoma Natural Heritage Inventory
Ontario Natural Heritage Information Centre
Parks Canada Agency
Partnership for the Delaware Estuary
Pikes Peak Area Council of Governments
Revitalization of Traditional Cherokee Artisan Resources
Sustainable Forestry Initiative, Inc.

University of North Carolina
University of Virginia
USDA Natural Resources Conservation Service
U.S. Bureau of Land Management
U.S. Department of Defense Legacy Resource Management Program
U.S. Environmental Protection Agency
U.S. Federal Highway Administration
U.S. Fish and Wildlife Service
U.S. Forest Service
U.S. Geological Survey
U.S. National Park Service
Virginia Dept. of Game and Inland Fisheries
Virginia Natural Heritage Program
West Virginia Natural Heritage Program

Financial Summary 2007

Sources of Income

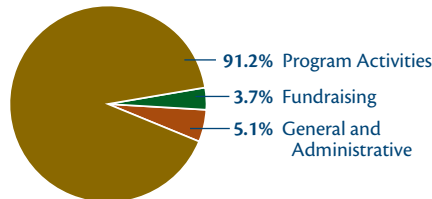
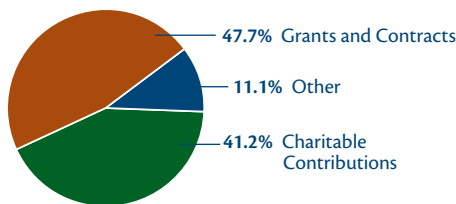
| | |
|--------------------------|---------------------|
| Charitable Contributions | \$4,523,000 |
| Grants and Contracts | |
| Government | \$3,683,000 |
| Non-government | \$1,549,000 |
| Other* | <u>\$1,217,000</u> |
| Total Income | \$10,972,000 |

Expenses

| | |
|-------------------------------------|---------------------|
| Program Activities | \$9,358,000 |
| Scientific Data and Methods | 707,000 |
| Technology Research and Development | 1,513,000 |
| Conservation Products and Services | 6,199,000 |
| Network Capacity-Building | 700,000 |
| Program Development | 239,000 |
| General and Administrative | \$525,000 |
| Fundraising | <u>\$382,000</u> |
| Total Expenses | \$10,265,000 |
| Net Change in Assets | \$707,000 |
| Restricted to Endowment | \$417,000 |
| Unrestricted | \$290,000 |

*"Other" includes membership dues, conference and training fees, rental income, royalties, and investment income.

Portion Spent on Program Activities: 91.2%
Portion Spent on Fundraising: 3.7%



Over the past year NatureServe continued its record of strong financial management with revenue from a balanced array of diverse sources. As a result, we completed fiscal year 2007 with an operating surplus of more than \$700,000, of which more than half is devoted to building our permanent endowment. Our programmatic efficiency remained at a very high level, with more than 9 of every 10 dollars (91.2%) spent on program activities.

Although fundraising costs represented only 3.7% of our total expenses, we nonetheless received an all-time high of more than \$4.5 million in charitable contributions—a sizeable 47% increase over the previous year.

Not included in these financial figures are the conservation activities of the NatureServe member programs, a voluntary network of independent partners, who are listed inside. Our network now includes 82 natural heritage programs and conservation data centers across the United States, Canada, and 12 Latin American countries. Collectively, these conservation partners invest an additional \$50 million annually in developing scientific knowledge to advance conservation action.

Notes: Figures are for the fiscal year ending June 30, 2007. Audited financial statements available upon request. "General and Administrative" represents the portion of G&A expenses that is not allocated to program activities.

LandScope America: Bringing Conservation into Focus

The American landscape is incomparable. Its green hills and forests, fertile fields, rugged peaks, and diamond deserts are captured in song, story, and the national imagination. Many of these magnificent places are already protected. But each year, about two million acres of open space are lost.

In response to this challenge, NatureServe and the National Geographic Society have partnered on a landmark initiative that we call **LandScope America**. Envisioned as an online conservation guide to America's natural places, this highly interactive website, scheduled to launch in late 2008, will let visitors immerse themselves in fascinating stories, photos, videos and satellite imagery. The website will showcase conservation priorities, maps and other rich scientific data, helping the land protection community and the public to understand environmental issues and the need to take action.

Together with our many partners, we made major progress behind the scenes in 2007, developing the website concept and design, establishing partnerships in five pilot states, conducting outreach to the land trust community, and creating a "preview" website at www.landscape.org.





Rare Species and Uncle Sam

The federal government is the country's largest landowner, with nearly one-third of U.S. land area managed by federal agencies. These lands are as diverse as America itself, from frozen tundra in Alaska to tropical forests in Hawaii. So Uncle Sam plays a key role in protecting our nation's lands and waters along with thousands of plants and animals, both common and rare.

With support from the **Department of Defense Legacy Program**, NatureServe analyzed how the most vulnerable of these species are distributed across the many types of lands managed by federal agencies. Based on the latest data, U.S. Forest Service lands contain the most species listed under the Endangered Species Act (ESA). Department of Defense lands, meanwhile, were reaffirmed as underappreciated reservoirs of biodiversity—no surprise to those familiar with such natural gems as the longleaf pine savannas of Florida's Eglin Air Force Base or the unusual wetland habitats of North Carolina's Fort Bragg. Military lands, in fact, have at least three times as many ESA-status species and imperiled species per square mile as any other agency.

As a companion piece to this analysis, NatureServe and partners published a new biodiversity guidebook for military natural resources managers—an effective way to directly link our scientific expertise with those who are putting it to practical use every day.



Giant manta rays, tiny harbor porpoises, whales, and sea turtles find refuge in Mexico's Gulf of California. The mangrove swamps along the gulf coastline are essential as nurseries for marine life. Scientists from **Pronatura Noroeste**, a NatureServe member program in Mexico, analyzed satellite imagery to map changes to sensitive mangrove habitat, providing a baseline for renewed conservation efforts.



NatureServe

Home Office

1101 Wilson Boulevard
15th Floor
Arlington, Virginia 22209
703.908.1800

NatureServe Canada

960 Carling Avenue, Rm. 2091
Ottawa, Ontario K1A 0C6
613.759.1861

www.natureserve.org

Board of Directors

CHAIR

Gary R. Knight, *Florida*

VICE CHAIR

Ronald Pulliam, Ph.D., *Georgia*

VICE CHAIR

Jennifer M. Belcher, *West Virginia***

TREASURER

Russell B. Faucett, *California*

SECRETARY

Thomas L. Smith, *Virginia*

Michael Andrews, *North Carolina*

Calvert Armbrrecht, *West Virginia*

Richard C. Bartlett, *Texas***

Jim Geringer, *Wyoming**

Andrew Harcombe,
British Columbia, Canada

Sherry Huber, *Maine*

Andy Kaiser, *New York**

Mary L. Klein, *Virginia*

Gordon Lambert, *Alberta, Canada***

Thomas E. Lovejoy, Ph.D.,
Washington D.C.

Jim Mackenzie, *Ontario, Canada**

Eduardo Velasco Abad, *Colombia*

Roberto Zambrano Villarreal,
Mexico

* Joined Board in FY2008

** Board term ended during FY2008

Photographs

Cover: Foxtail agave, central Mexico / © Jean-Paul Ferrero / Auscape / Minden Pictures

p.2, inset: Common goldeneye / © Michael Menefee

p.3: Red cornsnake / © Jack Looney

p.4, inset: Tiger moth / © Michael Menefee

p.5: Blue columbine, American Basin, Colorado / © Tim Fitzharris / Minden Pictures

p.6: Red-footed booby, Marine Corps Base Hawaii / © Douglas Ripley

p.6, inset: Hawksbill turtle / © James D. Watt / SeaPics.com

Design Lasater/Sumpter Design, Inc.
Editor Robert M. Riordan

© 2008 NatureServe
Printed on recycled paper.