Collaboration for Conservation

Galapagos conservation is fortunate to have a committed cadre of scientists, conservation managers, and natural resource professionals from around the world whose insight and experience shape our response to the growing challenges that confront this once isolated archipelago. We regularly call on this network of individuals and institutions to help community groups, local non-profit organizations, municipal governments, and the dedicated staffs at the Galapagos National Park (GNP) and the Charles Darwin Foundation (CDF) to confront the biophysical degradation and socioeconomic pressures that, if left unchecked, will significantly alter the biological integrity that defines Galapagos.

In 2010, Galapagos Conservancy (GC) strengthened its attention to three priority program areas: Ecosystem Restoration, Sustainable Society, and Knowledge Management. In each of these areas, GC has identified needed technical expertise and financial resources and is building new alliances that will enhance our ongoing work with the CDF, the GNP, and a growing number of local partners.

Working with Dr. James Gibbs at the State University of New York–Syracuse, we continued our collaboration with the Galapagos National Park to return tortoises to Pinta Island, the original home of Lonesome George. Dr. Gibbs’ complementary work on Española has provided insight into long-term changes resulting from the combined effects of the introduced goat population (eradicated in 1978) and the decades of few giant tortoises prior to the successful repatriation program. The Española work is helping to determine the most suitable tortoises to form a reproductive population for eventual relocation to Pinta.

Our partnership with Celebrity Cruises has launched several new initiatives with local actors, ranging from environmental education projects to municipal environmental planning. We recognize that at the heart of a strong civil society is an engaged and educated citizenry. Our work with the local Tomás de Berlanga School to create an effective educational model for Galapagos has the potential to be replicated in other World Heritage sites around the world.

In the area of Knowledge Management, our work responds to the challenge of gathering and utilizing the thousands of data sets gathered in and about Galapagos over the last hundred or more years. These data, whether biophysical or socio-economic, are critical to decision-making and policy-formation in response to the growing conservation challenges in the islands, but most are not readily accessible. Working with the Governing Council of Galapagos, local municipalities, US universities, and our partners at the GNP and CDF, we are embarking on the development of a long-term information management system to provide decision-makers in Galapagos with a ready stream of information for policy-making.

The work described in the following pages reflects the value of collaboration. None of this could be accomplished by a single organization. Galapagos is well served by the many institutions and individuals working together to ensure its future. We are pleased to share these important conservation initiatives with our extended family of friends and supporters.

Johannah E. Barry
President of Galapagos Conservancy

Richard S. Wood
Chairman of the Board of Directors
Ecosystem Restoration

During 2010, in collaboration with our partners in Galapagos and scientists from the United States, we supported several key restoration projects. Much of this work was made possible thanks to a generous challenge grant from the Schaffner Family Foundation:

- **Project Floreana**, aimed at the restoration of the smallest of the four inhabited islands, continued to be an important focus of our work. The local community and the science team of the Charles Darwin Foundation (CDF) initiated a biodiversity assessment of the entire island, a key initial step to provide a baseline for restoration. The project leader for the Floreana Mockingbird Project began work in the second half of 2010 and completed censuses on the two islets of Gardner and Champion, and participated in the biodiversity survey on Floreana.

- With support from our members, our partners at CDF continued research on current and potential effects of **Global Climate Change** in Galapagos, with an emphasis on mitigation measures to ensure that no species are lost. Scientists continue to focus on future scenarios regarding potential introductions of alien marine species in Galapagos due to temperature changes and potential impacts on vulnerable species (penguins, flightless cormorants) that depend on colder water for food and reproduction.

- **Project Pinta** continued with 39 tortoises released on Pinta Island in May 2010. A follow-up monitoring trip is planned for Summer 2011, one year post release, as a prelude to any future release of additional tortoises. *(See green box, next page.)*

- With the expertise of the Galapagos National Park (GNP), the CDF, and others, preparations began for **rat eradication** on several small islets around Santiago, and on the larger islands of Rábida and Pinzón. Eradications on the islets and Rábida were scheduled for January 2011, while the work on Pinzón will be completed in 2012. Successful rodent eradication will have major positive impacts on native bird and reptile populations. In the case of Pinzón, successful rat eradication should allow the tortoise population to recover naturally, no longer requiring intervention via the captive rearing program.
SUSTAINABLE SOCIETY

Working closely with local NGOs, Celebrity Cruises, and colleagues in the United States, GC made progress in several areas:

- In the area of education, GC funded research conducted by Stanford University’s School of Education on **best practices in Education for Sustainability** with relevance to Galapagos. Their findings were shared with Ecuador’s Ministry of Education and educators in Galapagos and will help all involved to learn as much as possible from experiences in other World Heritage Sites and environmentally vulnerable areas of the world.

- Together with an experienced team of educators from the US and Latin America, GC began to work with the **Fundación Scalesia and Tomás de Berlanga School** in Santa Cruz to implement best educational practices that will serve as a model for educational improvements throughout the archipelago. Simultaneously, GC began discussing with the Ministry of Education ways in which to support the implementation of a new Galapagos-specific curriculum in the public schools. A generous multi-year challenge grant from the October Hill Foundation has played an important role in kick-starting this work.

- Through the **Galapagos Fund Small Grants Program**, carried out in conjunction with Celebrity Cruises, we supported large-scale solid waste recycling activities on the island of San Cristóbal, building

TORTOISES ROAMING PINTA ISLAND ONCE AGAIN

In May 2010, thirty-nine tortoises were released on Pinta as part of island restoration following goat eradication. During much of the past century, Pinta tortoises were believed to be extinct until the discovery and subsequent removal of Lonesome George in 1972. Today the only known Pinta tortoise in the world is Lonesome George, who lives at the Tortoise Center on Santa Cruz, and attempts to find a mate for him have been unsuccessful.

Pinta is undergoing rapid restoration following the goat eradication in 2003. Three goats, released onto Pinta in 1959, ultimately resulted in a population of over 40,000, destroying the native vegetation. After removing the final goats in 2003, full island restoration was possible. It was time to repopulate the island with tortoises, the natural ecosystem engineers of Galapagos.

It took three days to get 39 tortoises, ranging in weight from 30 to 100 kg (70-220 pounds), up to the release site, some 4 km (2.5 miles) inland. Everyone was surprised at how easily the tortoises settled in. As they smashed their way through the vegetation, finches, mockingbirds, and lava lizards quickly followed, taking advantage of the disturbed pathways to look for food. “It was incredible to experience the return of tortoises to Pinta — watching them move through their new environment as if they had always lived there,” said GC’s Linda Cayot.

While ongoing genetics studies have yet to determine the best tortoises to create a reproductive population on Pinta, tortoises were needed during this initial phase of vegetative recovery. It was decided to use the captive hybrid tortoises of the GNP on Santa Cruz and Floreana. These tortoises resulted from breeding

Two tortoises take their first steps on the beach of Pinta, before being carried up to their release site in the highlands. The tortoises are fitted with radio tags — visit the Project Pinta page at www.galapagos.org to view a satellite tracking map of the tortoises’ movements in the first two months upon release. (Photo by Francisco Laso, who spent two months on Pinta monitoring the tortoises’ behavior.)
of captive tortoises in the early years of the GNP and were destined to spend their lives, some 150 years or more, in captivity. Their sterilization allowed them to be released onto Pinta to act as ecosystem engineers.

A large group of park rangers led by Washington Tapia carried out the tortoise release, along with Dr. James Gibbs of SUNY-ESF Syracuse, Dr. Linda Cayot (Science Advisor of GC), and Dr. Joe Flanagan of the Houston Zoo. Elizabeth Hunter, a Masters student at SUNY-ESF in Syracuse, and three assistants, also present for the release, then spent the following two months on Pinta to monitor tortoise movements and activity. Funded by Galapagos Conservancy, Elizabeth and a new team of assistants will be doing additional monitoring one year post-release in 2011.

Left: Galapagos National Park rangers carry one of the 39 tortoises up to the highlands of Pinta. Right: Elizabeth Hunter and her team in the highlands at the start of their 2 month research adventure. (Photos by Francisco Laso, pictured far right)

Knowledge Management

After much discussion among a growing number of users, we are supporting an effort to develop a unifying, accessible knowledge management system for better public policy, research, and management in Galapagos. Specifically:

- With funds from the Tinker Foundation, an international workshop will gather together knowledge management experts and Galapagos decision-makers to develop a multi-year work plan for implementing a system for Galapagos. This event will be convened by the President of the Governing Council of Galapagos. With the help of one of our supporters, Dr. Dan Sherman, and collaborators at SUNY–ESF and Cornell University’s Department of Ornithology, we have now amassed an impressive bibliography on best practices in inter-institutional knowledge management as part of the material for workshop participants.
**GALAPAGOS CONSERVANCY FINANCIAL STATEMENTS**

Statement of Activities
Year Ended December 31, 2010 (with comparative totals for 2009)

<table>
<thead>
<tr>
<th>REVENUE AND OTHER SUPPORT</th>
<th>2010</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributions &amp; Membership</td>
<td>$2,125,533</td>
<td>$1,915,356</td>
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<tr>
<td>Sales</td>
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<tr>
<th>EXPENSES</th>
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<tr>
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<td>Local Capacity Building</td>
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<td>Marine Policy</td>
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<td>Restoring Native Ecosystems</td>
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<td>Public Policy</td>
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<td>Galapagos National Park</td>
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<td>Core Funding of Charles Darwin Foundation</td>
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<td>Allocated Program Costs</td>
<td>$653,987</td>
<td>$521,700</td>
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<tr>
<td><strong>TOTAL Grants Out:</strong></td>
<td>$1,836,112</td>
<td>$1,715,037</td>
</tr>
</tbody>
</table>

| Costs of Goods Sold                                            | $7,774     | $4,827     |
| Support Services:                                               |            |            |
| Management and General                                         | $192,078   | $165,563   |
| Fundraising                                                    | $360,707   | $299,240   |
| **TOTAL Support Expenses:**                                     | $552,785   | $464,803   |

| Total Operating Expenses:                                       | $2,396,671 | $2,184,667 |

| Operating (loss) Income                                        | $205,582   | ($115,811) |
| Endowment Income                                               | $100,000   | $150,000   |
| Adjusted Operating (loss) Income                               | $305,582   | $34,189    |

| ENDING NET ASSETS                                               |            |            |
| Unrestricted net assets                                        | $1,734,161 | $1,574,478 |
| Temporarily restricted net assets                              | $222,454   | $177,055   |
| Permanently restricted net assets                              | $2,433,188 | $2,432,688 |
| **$4,389,803**                                                  | $4,184,221 |

Note: The presentation of the financial statements in the online version of this 2010 Annual Report includes Ending Net Assets and program terminology used prior to the launch of our new program areas in 2011.

**MISSION**

To advance and support the conservation of the unique biodiversity and ecosystems of Galapagos

**VISION**

Galapagos Conservancy works to ensure a balance between human society and nature that will protect and enhance the unique ecosystems of the Galapagos Archipelago. We value innovative science and conservation management that seeks to protect and conserve the unique flora and fauna of Galapagos and which constantly strives to add knowledge and context to the world’s understanding of biodiversity conservation. We envision a healthy and engaged society within Galapagos that actively cares for and respects the sustainable and thoughtful use of local resources.

**2010 CONTRIBUTORS**

We are grateful for the financial support provided by our 11,000 members whose generosity is at the core of our conservation investments. Here we recognize our Galapagos Ambassadors, who make annual gifts of $1,000 or more. Legacy gifts are marked by (L).

**ISABELA SOCIETY** ($25,000+)
- ANONYMOUS
- Edward P. Bass
- Henry Kirke Lathrop
- John F. Mars and Adrienne B. Mars
- Morgan Family Foundation
- The Offield Family Foundation
- The Philecology Foundation
- Royal Caribbean Cruises Ltd.
- The Schaffner Family Foundation
- Catherine Truman Trust (L)

**FERNANDINA SOCIETY** ($10,000–$24,999)
- ANONYMOUS (2)
- Gretchen and Humberto Bauta
- Combined Federal Campaign - EarthShare

**SANTIAGO SOCIETY** ($5,000–$9,999)
- Sylvia and Christopher Addison

**ESPÁÑOLA SOCIETY** ($1,000–$4,999)
- ANONYMOUS (6)
- The Kenneth & Gabrielle Adelman Fund
- American Endowment Foundation

Clifford Burnstein and Sabra Turnbull
The Community Foundation of New Jersey
Joyce and Larry Dare
James J. Gallagher
Murray and Jeanie Kilgour
Joseph Messler, Jr.
Gordon and Betty Moore
Carter Phillips and Sue Henry
Margaret and Thomas Ralph
Jon and Jean Stufflebeam
Vanguard Charitable Endowment Program
The White Pine Fund

Management: 8%  Fundraising: 15%  Grants and Conservation Investments: 77%
Continental Airlines has been an important, long-standing conservation partner to Galapagos Conservancy. Through their generous donation of airfare to and from Ecuador and within the continental United States, Continental Airlines has allowed us to target significant funding directly to conservation priorities in the Galapagos Islands.

The ability of science and conservation staff to travel under these circumstances and to participate in a range of public meetings is critical to our ability to effect long-term conservation management and policy.

GC is grateful to Continental for their thoughtful and generous assistance.

TRAVEL PARTNERS

Celebrity Xpedition
Galapagos Travel
Adventuresmith Travel
International Galapagos Tour Operators Association (IGTOA)
International Nature and Cultural Adventures (INCA)
BOARD OF DIRECTORS
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Ian Bowers
Princeton, NJ
Véronique Chopin de la Bruyere
Greenwich, NY
Ray Rifenberg
San Rafael, CA
Wendy Rayner
Princeton, NJ

2010 BOARD MEETINGS
Washington, DC on April 16
New York, NY on October 29

GALAPAGOS CONSERVANCY STAFF
Johannah E. Barry, President
Linda Cayot, Science Advisor and Liaison
Rebecca Fuhrken, Administrative Coordinator
Richard Knab, Director of Strategic Partnerships
Ross Robinson, Chief Financial Officer
Dave Rockwell, Travel Partners Manager
Lori Ulrich, Director of Membership and Marketing

THE DARWIN NETWORK
U.S.A.
Galapagos Conservancy
Johannah E. Barry, President
U.K.
Galapagos Conservation Trust
Toni Darton, Chief Executive
Switzerland
Freunde der Galapagos Inseln
Dr. Hendrik Hoeck, President
Germany
Zoologische Gesellschaft Frankfurt
Dr. Christof Schenck, Director
The Netherlands
Stichting Vrienden van de Galapagos Eilanden
Dr. Antoine Cleef, Vice President
Luxembourg
The Galapagos Darwin Trust
HRH Grand Duke Henri of Luxembourg
Finland
Nordic Friends of Galapagos
Kenneth Kumenius, General Secretary
Japan
The Japan Association for Galapagos
Hiroshi Nishihara, Director
Canada
Charles Darwin Foundation of Canada
Garrett Herman, Director
New Zealand
Friends of Galapagos New Zealand
Julian Fitter, Chairman

DARWIN SCIENTIFIC ADVISORY COUNCIL
This council is an informal group of scientists and conservationists in the U.S. who bring to our work a unique understanding of Galapagos and the issues surrounding protected places. These individuals provide valuable knowledge and perspective, and our work is enriched by their guidance. We are grateful for their willingness to share their time and expertise to help move Galapagos conservation forward.
Dr. David Anderson
Wake Forest University
Dr. Joseph Flanagan
Houston Zoo
Dr. James Gibbs
State University of New York – ESF, Syracuse
Dr. Gisella Caccone
Yale University
Dr. Dennis Geist
University of Idaho
Dr. Peter Grant
Princeton University
Dr. Rosemary Grant
Princeton University
Dr. Jack Grove
JS Grove Photography
Dr. Cleveland Hickman
Washington and Lee University
Dr. Matt James
Sonoma State University
Mr. Greg Lutz
Dr. John McCosker
California Academy of Sciences
Dr. Conley McMillen
James Madison University

PHOTOS
Cover photo: Kicker Rock and San Cristóbal by Radim Schrieber of Fairfield, IA
Cover background: Lava flow by Deborah Palmisano
Page 2: Green Sea Turtle and Steel Pompano fish by Matthew Meier
Page 3: Sally Lightfoot Crabs by Andy Teucher
Back Cover: Sea Lions basking by Joe Italiano and Lava Lizard by Renee Capouya

GC ONLINE
Connect with GC online! Become a fan of Galapagos Conservancy on Facebook, and follow “SaveGalapagos” on Twitter.

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