



2001 Annual Report



Galapagos.org

Charles Darwin Foundation, Inc.

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Letter from the President

Dear Friends,

Many of us involved in Galapagos conservation will look back on the year 2001 with a renewed appreciation for the community of friends and advocates who came to the aid of an ecosystem in peril. The shock that we all felt upon hearing the news of the *Jessica's* grounding, and the anxiety which defined the days and weeks after the tanker broke open, was mitigated in large measure by the international outpouring of kindness and concern. Governments and private citizens came together in an unparalleled effort to rescue wildlife and landscapes. The open hands extended to us from all around the world will not soon be forgotten.

The cooperative relationship of the Charles Darwin Foundation and the Galapagos National Park, a partnership of over 40 years, proved even more important as Galapagos struggled to recover. In addition to the oil spill mitigation and monitoring work that will become a regular part of the conservation agenda in Galapagos for the foreseeable future, the Park and Charles Darwin Research Station continue to focus their efforts on the science and management critical to protecting this extraordinary place.

The CDF, Inc. has been a partner in these efforts for ten years, providing over \$6 million in program support and direct grants. Our members and supporters are a critical thread in the fabric of conservation, science, and resource development that has allowed the Park and Station to weather the uncertainties of funding. The work undertaken in Galapagos by these key institutions, described in the following pages, has depended largely on the unwavering support of those visitors who came to the Galapagos and pledged to make a difference. That one small place in the world has inspired the profound respect of so many people speaks volumes about mankind's deep ties to wild places and the inherent sanctity of wilderness.



Johannah E. Barry
President

Who We Are

The **Charles Darwin Foundation, Inc.** is a nonprofit 501(c)(3) membership organization dedicated to promoting conservation, education, and scientific research in and on behalf of the Galapagos Islands. CDF, Inc. is the headquarters for an international membership of more than 10,000 individuals and institutions which support conservation in Galapagos.

The CDF, Inc.:

- Raises funds to support projects in Galapagos related to the mandate of the Charles Darwin Foundation and the Galapagos National Park Service including conservation, scientific research, and education in the Galapagos Islands.
- Provides logistical support in the U.S. for projects and programs in Galapagos through general assistance to visiting scientists, securing and transporting field equipment, assistance with specialized visas, and provision of general information about travel in Ecuador and to the Galapagos Islands.
- Conducts briefings, lectures, and other public information and advocacy efforts.
- Publishes and distributes *Galapagos News* and *Noticias de Galapagos* to an international membership of individual donors, agencies, libraries, and institutions.

The Darwin Network — An International Partnership for Galapagos

CDF, Inc. is a founding member of the Darwin Network, a global group of organizations that support the Charles Darwin Research Station and Galapagos National Park Service's strategies for conservation. These organizations work directly with the Charles Darwin Research Station and the Galapagos National Park Service to promote conservation in and the protection of the Galapagos Islands.

The Darwin Network implements much of the fundraising and constituency building work outside of Ecuador. Network activities include:

- Raising funds through foundations, trusts, companies, and individuals.
- Advocating for Galapagos conservation policies of the CDF and the GNPS.
- Educating visitors, supporters, and the general public about Galapagos conservation.
- Working actively with Galapagos "alumni" (scientists, staff, and guides) who have been involved with Galapagos over the CDF's 40-year history.
- Creating a constituency of informed Galapagos advocates worldwide.

Darwin Network Members:

Charles Darwin Foundation, Inc.

Galapagos Conservation Trust (Britain)

Freunde de Galapagos Inseln (Switzerland)

Zoologische Gesellschaft Frankfurt (Germany)

Stichting Vrienden van de Galapagos Eilanden
(Netherlands)

The Galapagos Darwin Trust (Luxembourg)

Charles Darwin Foundation

The Galapagos National Park Service



**FUNDACION
CHARLES DARWIN
PARA LAS
ISLAS GALAPAGOS**



Stiftung bedrohte Tierwelt

**Zoologische
Gesellschaft**
Frankfurt Zoological Society



Friends of

Galapagos

Saving Darwin's treasured islands



Galapagos.org

Charles Darwin Foundation, Inc.

CDF, Inc. Global Campaigns 2001

Jessica Oil Spill

On January 16, 2001, the *Jessica* was on her way to deliver fuel to the Galapagos Islands. She was carrying 240,000 gallons of fuel for a tourist boat and for the 18,000+ residents of the Islands. The captain mistook a buoy for a lighthouse, and the whole world watched the grounded tanker spill oil into the beautiful waters off the coast of San Cristobal Island.

CDF, Inc. members provided over \$350,000 to help the Charles Darwin Research Station (CDRS) and the Galapagos National Park Service (GNPS) act immediately to clean up the spill and mitigate the damage from the floating oil slicks. International organizations and governments also played a major role in providing support, technical advice, supplies, and manpower. Over 650 sites throughout the Archipelago were monitored and numerous animals were treated at makeshift animal rescue centers.

Even though over a year has passed since the spill, the CDF, Inc. continues to support the CDRS in *Jessica*-related research and associated activities. Many of these projects will continue through 2003, and require on-going support. CDRS and GNPS will continue to monitor the recovery of the impacted areas (various shores and areas surrounding San Cristobal, Santa Fe, Santa Cruz, Floreana, and Isabela). Scientists continue to work on a map of environmental sensitivity using GIS, high-resolution satellite data, and field surveys. Marine iguanas, sea lions and sea birds, (particularly the lava gull and the petrel) which were affected by the spill, will be closely monitored.

CDF, Inc. is also supporting complementary work on improving the regulations to prevent environmental disasters, whether oil spills or some other manmade cause. Contingency plans are also being prepared for future incidents to help ensure the availability of trained personnel, facilities, equipment, networks of contacts, and financing mechanisms. Galapagos has learned that it must be well prepared for emergencies.



HEIDI SNELL



HEIDI SNELL

Galapagos Marine Reserve

In 1998, the Galapagos Special Law provided the expansion of the Galapagos Marine Reserve's (GMR) boundaries to 40 miles around the entire Archipelago. This area covers over 130,000 square kilometers of the Pacific Ocean where the law permits only tourism and local artisanal fishing; commercial fishing is illegal. The GMR is home to an extraordinary range of biologically diverse marine species and is ranked as one of the greatest marine protected areas in the world.

Many recent human-related events have sparked great interest and concern for the GMR's future. Recently, conflicts have erupted over sea cucumber and lobster fishery regulations and quotas. There has been an increase in illegal commercial fishing activities within the Reserve. The *Jessica* dumped 240,000 gallons of fuel into this fragile marine environment. And this past July, the Station reported to CDF, Inc. that 15 sea lions were found mutilated at La Loberia, a beach on the island of San Cristobal. Their murderers had most likely planned to sell their reproductive organs (considered aphrodisiacs) in illegal trade markets.

CDF, Inc. will continue to support efforts to protect the GMR. Fisheries need increased management and monitoring efforts to collect data to improve marine protection efforts and to monitor the effectiveness of the environmental protection guidelines for the GMR. To determine the effectiveness of the GMR, new scientific studies, surveys, and monitoring projects must be conducted. Efforts must continue to educate the local

fishermen about the importance of conserving the GMR, in turn building broad public support for sustainable fishing practices.



CDRS



Protecting Galapagos for Years to Come

Despite their remote location, 600 miles off the coast of Ecuador, the Galapagos Islands are very vulnerable, and have experienced unanticipated threats and damage to the diverse ecosystem. El Niño, La Niña, oil spills, as well as invasions of alien species and diseases cause great stress on the Islands, and without adequate support to predict problems (and in turn - the needs), the Galapagos Islands will suffer. There must be resources available for such emergencies.

In 2000, the United Nations Foundation (UNF) granted almost \$2 million to the Charles Darwin Foundation to control and eradicate invasive species in Galapagos. In addition, UNF provided a supplementary challenge grant of \$1 million, to be matched by CDF and its partners, to capitalize an

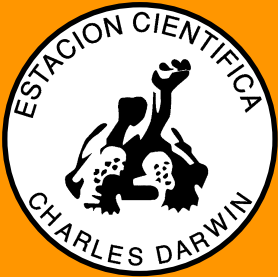


CDRS

endowed fund to support efforts to address the complex problem of invasive species. To date CDF, Inc. donors have provided over \$130,000 towards this campaign.



2001 Galapagos Conservation Accomplishments



In 2001, CDF, Inc. members and foundation donors provided \$1.4 million in direct support to the CDF and the GNPS. These funds, in concert with the generosity of other donors worldwide, have resulted in the conservation successes in Galapagos that are presented on the following pages.



CDRS



P. HUMANN

2001 Galapagos Conservation Accomplishments

Marine

Biology

- Monitored the fisheries activities at the local docks and on the fishing boats, continued collecting biologic and socioeconomic information.
- Initiated pilot project on sea turtles.



CDRS

- Began investigations in the Galapagos Marine Reserve on the loss of marine algae, invertebrates, and fish due to El Niño/La Niña.

Jessica Oil Spill

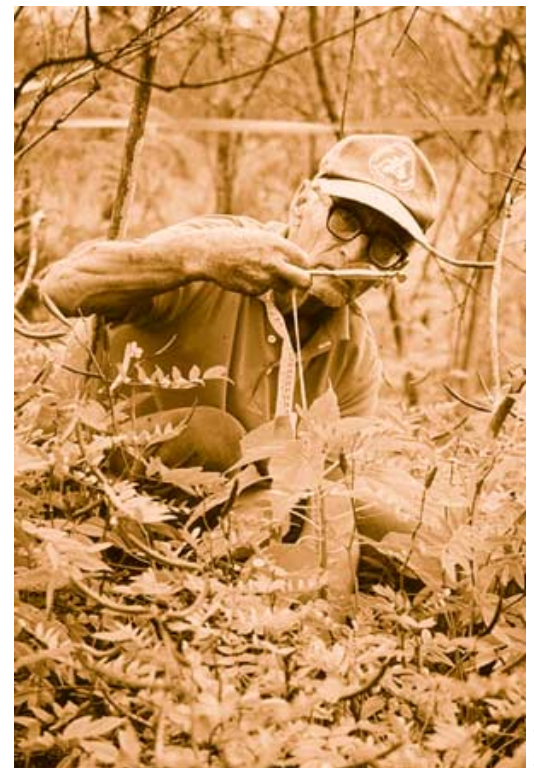
- Monitored the *Jessica* crash and oil spill — conducted inspection flights and boat trips, coastal monitoring, site evaluations, and cleanup work.
- Continued studying the impact caused by the *Jessica* oil spill on marine flora and fauna and integrated all findings into GIS systems.
- Prepared preliminary report on the side effects of the oil spill.

Botany

- Continued GIS project and information gathering on endemic plant species.
- Continued efforts to restore the *Opuntia* to Espanola.
- Conducted monitoring trips to Santiago, Floreana, Espanola, Alcedo Volcano on Isabela, and peripheral islets.

Control and Eradication of Invasive Species

- Began developing methods to chemically control some introduced plants such as: *Cedrela odorata* (Cuban cedar), *Cestrum auriculatum* (Saco), *Cinchona pubescens* (Quinine), *Cestrum auriculatum* (elder), *Cordia alliodora* (laurel), *Psidium guajaba* (guava), *Rubus niveus* (wild berry), *Syzygium jambos* (rose apple), and *Lantana camara* (Curse of India).
- Began finalizing the production of a manual to be used by farmers and park wardens for the identification and control of the 15 most invasive species.



CDRS

2001 Galapagos Conservation Accomplishments

Invertebrates

- Began a pilot project to monitor insects on tourist boats to determine how the boats' lights affect the distribution of insects throughout the Archipelago.
- Monitored hemiptera, diptera, and coleoptera and reported eight new species of this order of insects in the Islands.

Control and Eradication of Invasive Species

- Continued to investigate the cottony cushion scale's affect on finches; and finished a document analyzing the introduction of the *Rodolia* (ladybug) to control the scale.
- Began eradication efforts of *Wasmannia* (fire ant) on Marchena; distributed insecticide on over 27 hectares of land, distributed 11,000 pieces of bait. Extensive monitoring efforts continue.
- Continued the monitoring program of the bloodsucking mosquito; conducted a 1 1/2 year study on the distribution of mosquitoes in the rivers of San Cristobal.



CDRS

Vertebrates

Herpetology

- Completed first phase of studying the distribution and density of the giant tortoise on Santa Cruz.
- Repatriated 84 tortoises to Espanola and 20 to Santa Cruz.

Ornithology

- Continued censuses of flamingos, penguins, and cormorants.
- Performed long-term study on the albatross population in Punta Suarez and Punta Cevallos on Espanola.

Control and Eradication of Invasive Species

- Began fieldwork for eradication of feral goats on Santiago, and eliminated over 7000 goats.
- Continued to train 51 dogs and 17 puppies for Isabela goat eradication.
- Declared Pinta free of goats - first time since 1957.



GODFREY MERLEN

2001 Galapagos Conservation Accomplishments

Communication



TV/Video

- Produced videos, informative reports, news flashes, etc. on issues/events including: eradication of doves, *Jessica* oil spill, canine distemper epidemic, lobster tagging and recapture program, Quarantine and Inspection Program, coastal cleanup, marine iguana incubation period, etc.

Radio

- Continued CDRS program, *Planet Azul*, with a new format, now broadcast three times a week on Santa Cruz and San Cristobal, and twice a week on Isabela.

Education

Formal/Informal Education

- Participated in the Integral Education Reform and the development of an environmental education axis.
- Published books for third and eighth grades.
- Developed 13 community projects including: recycling, hydroponics cultivation, and school gardens.
- Continued to develop youth clubs on three of the inhabited islands.



Community Relations



Galapagos Marine Reserve Participatory Management

- Prepared technical documents and attended meetings/workshops regarding the Regional Plan.

Agriculture

- Continued providing technical assistance and training to the agricultural sector.

Control and Eradication of Invasive Species

- Continued educating farmers on invasive species for early detection, control, and eradication.
- Prepared technical report for the Town Committee regarding the control of goats and rats in populated areas.

Conservation Partners

Galapagos Travel

Initiated its Scholarship Program as a joint venture with the CDF, Inc. to provide support to the Charles Darwin Research Station. Since 1994, Galapagos Travel

has supported Ecuadorian students conducting research in the Galapagos, which is published in their thesis.



Lindblad Expeditions

Has partnered with CDF, Inc. to establish the Galapagos Conservation Fund. Since 1997, guests traveling aboard Lindblad Expeditions' ship, the *Polaris*, have donated over \$1 million to support a variety of key conservation initiatives in Galapagos. Sample projects include: scholarships for Galapagos students; operations of the GNP patrol boat, *Guadalupe River*; and the establishment of emergency funding.



Tui De Roy – The Roving Tortoise Nature Photography

Has advocated passionately for conservation in her career as an incomparable wildlife photographer and nature writer. Tui has allowed CDF, Inc. to use her images in our education and outreach efforts over many years and we are grateful beyond words for her kindness and extraordinary generosity. Her pictures capture the essence of Galapagos, reminding us of how precious an experience Galapagos is. For those who have yet to see Galapagos, Tui's images allow us to dream of that day.



Legacy Gifts

CDF, Inc. is grateful for the thoughtfulness and foresight of the following members whose generous legacy gifts have allowed conservation work to move forward in Galapagos. These gifts are a lasting declaration of their advocacy and concern for this special place, and we acknowledge the special honor that these gifts reflect.

Robert Wallace
Darcia Weiss
Irene Fox

Financial Statements

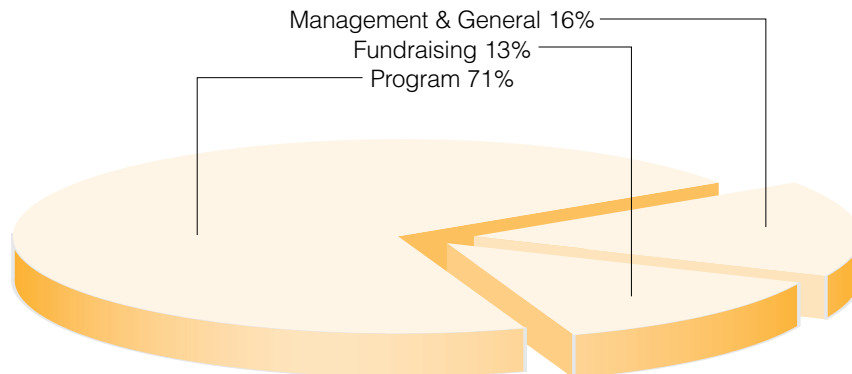
Charles Darwin Foundation, Inc.

Statement of Activities

Year Ended December 31, 2001 (With Comparative Totals for 2000)

	Unrestricted	Temporarily Restricted	2001 Total	2000 Total
Revenue and other support:				
Contributions and membership	\$ 997,757	\$ 976,178	\$1,973,935	\$2,079,406
Sales	17,954	—	17,954	14,540
Investment income	8,768	—	8,768	19,230
Net assets released from restrictions	807,151	(807,151)	—	—
Total revenue and support	1,831,630	169,027	2,000,657	2,113,176
Expenses:				
Program services:				
Marine Policy	137,000	—	137,000	57,420
Becario	10,745	—	10,745	8,343
Protection	221,814	—	221,814	215,310
Species Conservation	490,649	—	490,649	212,307
Galapagos National Park	100,000	—	100,000	157,615
Isabela/Alcedo Campaign	151,022	—	151,022	162,148
Capacity Building	18,020	—	18,020	10,000
Institutional support CDRS	184,298	—	184,298	176,873
Galapagos Bulletin	16,118	—	16,118	15,461
Noticias	3,606	—	3,606	12,660
Education Outreach	56,410	—	56,410	2,444
Darwin Scientific Foundation	54,642	—	54,642	—
Oil Spill	200,962	—	200,962	—
Darwin Lectures	1,904	—	1,904	4,354
Botany	10,029	—	10,029	86,323
	1,657,219	—	1,657,219	1,121,258
Support services:				
Management and general	320,764	—	320,764	240,111
Membership development and fundraising	273,134	—	273,134	180,937
Total expenses	2,251,117	—	2,251,117	1,542,306
Change in net assets	(419,487)	169,027	(250,460)	570,870
Net assets:				
Beginning	861,427	89,642	951,069	380,199
Ending	\$ 441,940	\$ 258,669	\$ 700,609	951,069

CDF, Inc. FY 2001 Expenses



Support Conservation in Galapagos

Galapagos Ambassadors

Level	Donation	Benefits
Isabela Society	\$25,000+	Opportunity to meet CDF Head of Science and Executive Director Lunch with Ecuadorian Ambassador in Washington, DC Invitation to Annual Board of Directors Meeting/Reception
Fernandina Society	\$10,000	Invitations to special international events Meet with Charles Darwin Research Station staff and visiting scientists Book on Galapagos signed by author Lunch with CDF, Inc. President
Santiago Society	\$5,000	Personal behind-the-scenes tour of the Charles Darwin Research Station
Floreana Society	\$2,500	Exclusive CDF, Inc. travel opportunities to Galapagos
Espanola Society	\$1,000	Special Invitations to Galapagos briefings, lectures, and private receptions Special Recognition in the Annual Report Photo

*All donors of \$1,000 or more will be extended membership in the Galapagos Ambassadors Program and receive all privileges preceding their level of support.

Other Ways to Help Protect the Galapagos Islands

Gifts of Stock

Support conservation efforts by making a gift of securities; you may be eligible for a tax deduction equal to the fair market value of your stock.

Gifts in your Will

By naming CDF, Inc. as a beneficiary for either a percentage of your estate or a designated amount, you can play a critical role in ensuring the long-term financial health of the Charles Darwin Foundation. Bequests can be earmarked to fund a certain conservation project or designated to endow a position at the Charles Darwin Research Station in the Galapagos Islands.

Matching Gifts

Some workplaces support charitable efforts through a matching gift program. Please contact your human resources department to find out if your employer has a matching gift program.

Workplace Giving

CDF, Inc. is a member of Earth Share (#0950), a federation of nonprofit environmental and conservation organizations, which promotes environmental education and charitable giving through workplace giving campaigns. For further information visit www.earthshare.org



a member of **Earth Share**

Monthly, Quarterly, or Semiannual Giving

We offer different payment plans for your gifts. Please contact us on how to make donations on a monthly, quarterly, or semiannual basis.

For more information contact Melissa Combs, mc@galapagos.org

It's not the strongest of the species that survive, nor the most intelligent, but the one most receptive to change.

—*Charles Darwin*



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