

# *Annual Report 2003*



CARIBBEAN



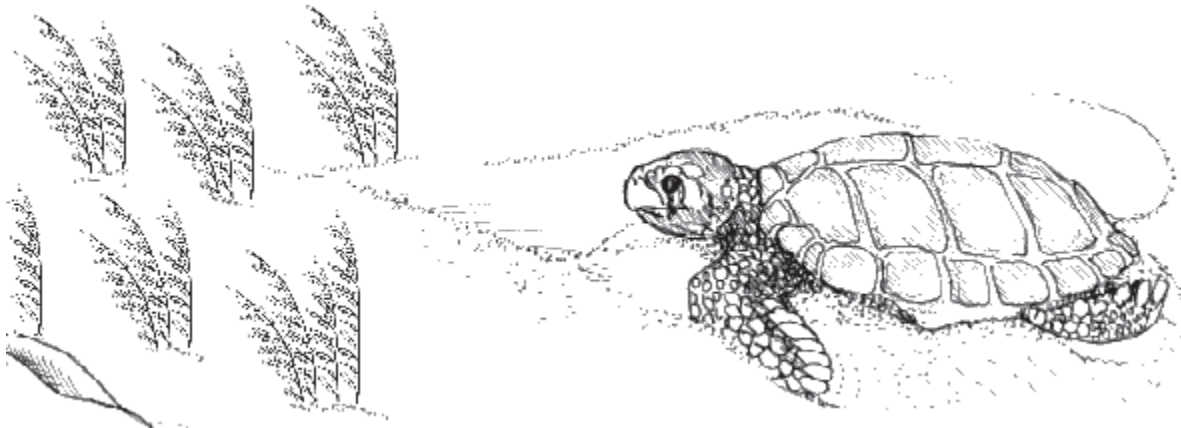
CONSERVATION  
CORPORATION

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# Executive Director's Statement

## by *David Godfrey*



The Caribbean Conservation Corporation is staffed by nearly 30 full and part-time employees—all of them dedicated to the mission of ensuring sea turtle survival. Guiding the organization behind the scenes is a Board of Directors made up of 25 remarkable individuals who donate time, resources and expertise to help CCC achieve its goals. In addition, dozens of biology students and turtle enthusiasts volunteer for days or months at a time to help CCC carry out ongoing sea turtle research and conservation projects. At any given time, the organization is conducting up to ten different projects—in at least four different countries. For all of CCC's staff and volunteers, each day is a busy one. It takes every ounce of our collective time, energy, skills and passion to carry out CCC's mission.

In such a demanding and fast paced environment, there rarely is time to sit back and celebrate a particular achievement or victory on behalf of sea turtles. CCC constantly is confronted with new challenges and opportunities that keep us on the go. One day we may learn of a builder seeking permits to erect a sea wall on an important nesting beach. The next day, CCC may be presented with an opportunity to participate in a new documentary about turtle conservation in Costa Rica. And always there is the nightly work on the beach. With so little time to rest, it is often difficult to sense how much is being accomplished.

At least once a year, however, the organization pauses momentarily to assemble its Annual Report on the previous year's programmatic and financial performance. It is one of the few times each year that CCC's collective achievements on behalf of sea turtles come into focus. I am exceedingly pleased to report that 2003 was a remarkable year for the Caribbean Conservation Corporation—and for the cause of sea turtle conservation. The organization continued to solidify its financial base, an important factor in the continuation of CCC's long-term research and conservation programs. While maintaining its existing projects, CCC also greatly expanded its scope by launching several exciting new programs.

Within this report, you will find CCC's audited financial statements, which reflect a healthy net gain in assets during the year. In fact, if you discount the financial challenges experienced by CCC and virtually all other nonprofits in 2002, the organization has achieved remarkable financial growth and stability over the last seven years. Financial support from both private foundations and government grants continues to grow. Sources of revenue, such as merchandise sales and program participation in Costa Rica, are also expanding. Most importantly, by the end of 2003 CCC's membership base grew to 5,500 dues paying members—the highest membership level in CCC's 45-year history.

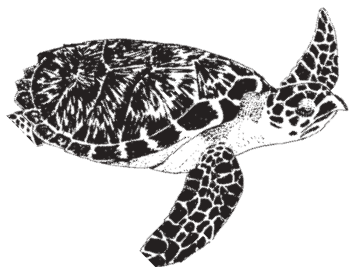
Of course, the real measure of CCC's success can be seen in the list of accomplishments in each of the organization's major program areas. CCC's Board of Directors, staff, members, volunteers and financial supporters should all be very proud of the organization's performance during 2003. The details contained in this Annual Report are well worth the read, but I want to highlight just a few of the achievements that made 2003 among the most successful in CCC's long history.

- ◆ CCC conducts the first successful satellite-tracking of leatherback turtles from Tortuguero, Costa Rica. To learn where Tortuguero's leatherback population is most vulnerable to commercial fishing and other threats, CCC began using satellite technology to track leatherback migrations in the Atlantic. In 2003, CCC conducted the first successful tracking of leatherbacks that nest on the Atlantic coast of Costa Rica. Our studies found that Tortuguero leatherbacks travel almost

constantly once they leave the nesting beach—circling throughout the tropical seas of the Caribbean; traveling along the jellyfish-rich coastal waters of the Northeast U.S. and making their way toward the Eastern Atlantic and back down to the coast of Northern Africa. Leatherbacks are the perfect example of a key “indicator species” for the marine and coastal environment. The health of this animal can tell us a great deal about what is going on throughout the world’s oceans, and CCC is leading efforts to protect the species in the Atlantic.

- ◆ CCC was chosen to run the Barrier Island Ecosystem Center, which will be located in the heart of the Archie Carr National Wildlife Refuge—the most important sea turtle nesting beach in the United States. More than 90% of all sea turtle nesting in the U.S. occurs on Florida beaches. Within Florida, the Archie Carr National Wildlife Refuge, located on the state’s central east coast, is by far the most important stretch of beach for turtle nesting. During 2003, CCC signed a formal Agreement with Brevard County, in which most of the Refuge resides, to help operate a public education center within the refuge. This modern facility will serve as the only public visitor center for the Archie Carr Refuge. Tens of thousands of tourists, local residents and school groups are expected to visit the BIEC each year. When it opens in late 2005, the BIEC will provide CCC with a perfect location from which to raise awareness and support for America’s only sea turtle refuge.
- ◆ CCC launched a long-term sea turtle research and conservation program in Panama, at a beach that once supported the largest nesting population of hawksbills in the Caribbean and where leatherbacks still nest in numbers greater than just any place else in the Atlantic. Through a collaborative effort with the U.S. Fish and Wildlife Service, the Wildlife Conservation Society and others, CCC garnered the support of Panamanian organizations and indigenous leaders and launched a conservation project at Chiriqui Beach. Nest monitoring during the 2003 season found that Chiriqui Beach hosts some of the densest leatherback nesting in the Atlantic, as well as major concentrations of hawksbill nests. With these programs in place, CCC is leading a promising collaborative effort to protect and recover both populations in this remote location.
- ◆ CCC began administering Florida’s Sea Turtle Grant Program, one of the world’s largest sources of funding for research, education and conservation projects benefiting sea turtles. During 2003, the Florida legislature transferred to CCC the responsibility for managing the Florida Sea Turtle Grants Program. Funded through sales of the state’s sea turtle specialty license plate, the grants program awards nearly \$300,000 each year to eligible entities in Florida that carry out sea turtle research, education or rehabilitation activities. Decisions about which projects to fund are made by an independent committee of experts, on which CCC holds a permanent seat. With this new grant-making responsibility, CCC now manages one of the world’s largest continuous sources of funding for sea turtle conservation projects.

Everyone involved with CCC is energized about the organization’s expanding domestic and international role in the conservation of marine turtles. CCC is a world leader in the field, and our efforts measurably are helping protect and recover sea turtle populations. CCC could not fill its critical role in ensuring sea turtle survival without the stalwart support of members, donors, foundations and other financial contributors. Long-term, stable financial support provided throughout the organization’s forty-five year history has been key to CCC’s success. On behalf of the Caribbean Conservation Corporation, I thank everyone for their support and I humbly solicit your continued involvement.



*David Godfrey*

## *About the* **Caribbean Conservation Corporation**



In the early 1950s, Dr. Archie Carr, a zoology professor and naturalist at the University of Florida who was fascinated with sea turtles, began searching the Caribbean for clues to their life history and biology. His quest took him to the black sand beach of Tortuguero, a remote, 22-mile beach on the northeast coast of Costa Rica that Archie quickly realized was the site of the largest remaining nesting colony of Caribbean green turtles in the Western Hemisphere. But while the turtles were coming ashore in large numbers, so were turtle hunters. Easy prey, the turtles were killed and their freshly laid eggs taken. Archie realized that humans were hunting this rookery to extinction, as had occurred at so many other nesting beaches throughout the Caribbean. He set up a makeshift research station to study the nesting green turtle population, and each year Archie, his family, students and colleagues would make this rustic outpost their summer home. With a fickle generator and cold running water their only luxuries, they set out to learn about the turtles with the goal of eventually restoring dwindling turtle populations throughout the Caribbean.

In 1956, Archie published his now classic book, *The Windward Road*, which detailed his travels throughout the Caribbean while searching for clues to sea turtle biology. A brilliant scientist, Archie was also a gifted writer. His tales of sea turtles and the threats to their survival deeply touched Joshua B. Powers, a New York publisher's representative. *The Windward Road* so moved Joshua to try to save sea turtles that he sent copies of the book to several dozen friends with an invitation to join the "Brotherhood of the Green Turtle." On Dec. 4, 1959, several members of the "Brotherhood," including John H. Phipps, attended an organizing meeting that established the Caribbean Conservation Corporation. Now the oldest sea turtle nonprofit organization in the world, the CCC conducts sea turtle research, conservation and education projects in Central America, the Caribbean, and the United States.

CCC concentrates its conservation activities in areas containing globally significant sea turtle populations and habitats. The organization uses research, education and advocacy to achieve its mission. For example, these basic tools were used to help establish Costa Rica's first national park, Tortuguero National Park, as well as the first sea turtle refuge in the United States, the Archie Carr National Wildlife Refuge in southeast Florida.

CCC's geographic focus is the Wider Caribbean, including the southeastern U.S., because of the region's unique importance to the world's remaining sea turtle populations. The colonies of green turtles, loggerheads, hawksbills and leatherbacks that nest at Tortuguero, Costa Rica, and in Florida are among the largest remaining in the Western Hemisphere. CCC's international programs include the

longest running sea turtle research and conservation program in the world, conducted at CCC's John H. Phipps Biological Field Station in Tortuguero, Costa Rica. In Bermuda, CCC coordinates in-water research of juvenile green turtles. Recognizing the need for a permanent advocacy and education program to protect sea turtles and their habitats in Florida, where 90% of all sea turtle nesting in the United States occurs, CCC launched the Sea Turtle Survival League Program in 1993. And in 2003, CCC undertook a new monitoring and protection program at Chiriqui Beach in Panama, which hopes to repeat the successes achieved at Tortuguero.

Over the years, CCC's strategies to protect the sea turtles of Tortuguero, combined with the dedication of the Costa Rican people, have worked. Shortly before his death in 1987, Archie Carr wrote, "Without any doubt whatever, the CCC program has saved the Tortuguero green turtle colony— by far the most important population in the Caribbean—from the total destruction that it faced in the 1950s. It is chilling to think what shape the green turtles would be in today if there had been no Caribbean Conservation Corporation." His statement is supported by ongoing analysis of CCC's long-term nest monitoring project at Tortuguero, which has documented a substantial increase in the number of green turtle nests laid on the beach since the mid-1970s.

Along with this success, which is one of the environmental movement's most notable, the efforts of Archie Carr and the CCC brought the plight of endangered sea turtles to the attention of the world and sparked a sea turtle conservation movement that now spans the globe.



# Costa Rica and Panama

## Research and Conservation Programs



In 2003, CCC strengthened its presence in Central America by expanding its sea turtle research and conservation programs into Panama. In addition to the Tortuguero Research and Conservation Program, which remains the cornerstone of CCC's international sea turtle conservation efforts, a new program was initiated at Chiriqui Beach, Panama, in collaboration with numerous local, national and international partner organizations.

The Tortuguero program is conducted from CCC's John H. Phipps Biological Field Station, located at the northern limit of Tortuguero National Park, on Costa Rica's Caribbean coast. The field station is comprised of the H. Clay Frick Natural History Museum and Visitors Center, the Landon T. Clay Scientists Residence, the Emily T. Clay House and the Joshua B. Powers Library, which also houses a dormitory and laboratory.

Tortuguero National Park hosts the largest green turtle rookery in the Western Hemisphere, globally important leatherback turtle nesting, a hawksbill nesting population of regional importance, and occasional loggerhead nesting. Tortuguero National Park and the nearby Barra del Colorado Wildlife Refuge host an impressive diversity of fauna and flora.

In 2003 CCC conducted the 49th consecutive year of green turtle research and the ninth consecutive year of leatherback research. Season reports in Spanish and English are available at the CCC website at <http://www.cccturtle.org/season-reports.htm>.

In addition to its sea turtle programs, CCC has been working for nine years with several organizations and institutions in North and Central America to research Tortuguero's neotropical migrant birds and resident land birds.



The Panama Program focuses on Chiriqui Beach, adjacent to escudo de Veraguas Island and the Zapatilla Cays. These beaches were historically among the most important nesting sites in the world for critically endangered hawksbill turtles, and they continue to host more leatherback nesting than any beach in Central America.

### Program Highlights






#### 2003 Sea Turtle Research/Monitoring Programs

The 2003 leatherback and green turtle programs were implemented under the leadership of Dr. Emma Harrison, CCC Field Coordinator.







#### 2003 Leatherback Program

-  The 2003 Leatherback Program ran from March 10 to June 12. A team of Research Assistants from Costa Rica (2), Ecuador (1), Mexico (1), Spain (1), UK (2), and the USA (1) logged a total of 135 leatherback encounters, five green turtle encounters and seven hawksbill encounters during 1,003 hours of night patrols.
  
-  The 135 leatherback encounters included 52 newly tagged turtles, 47 previously tagged turtles and 36 reneesters from the same season.



-  A total of 47 % of female leatherback turtles were previously tagged. Previously tagged leatherback turtles (n=47) were originally tagged on the beaches of Tortuguero (n=13), Pacuare/Mondonguillo (n=26), Lagunas de Uripiano/Matina (n=2), Gandoca/Manzanillo (n=3), Playa Negra (n=1) and Playa Bluff/Playa Larga, Panama (n=2).
-  The 2003 Leatherback Program team conducted 30 track surveys between the Tortuguero and Parismina rivermouths. Poaching was estimated to a minimum of 21.5 % of leatherback nests and 15.6 % of green turtle nests, up from 2002.
-  A total of 47 leatherback nests were marked and monitored until their fate could be determined. Overall hatching success for monitored leatherback nests is estimated at 18.4% and overall emerging success at 11.6-17.4 %.
-  Environmental education activities concerning sea turtle biology, conservation issues and impacts of pollution were conducted with 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> grade students from the Tortuguero School.
-  Aerial surveys to quantify the spatial distribution of leatherback nesting along the Caribbean coast of Costa Rica and northern Panama were conducted February 26-27 (Nicaragua/Costa Rica border past Chiriquí Beach, Panama) and April 5 (Nicaragua/Costa Rica border to Bocas del Drago, Panama). Chiriquí Beach hosted more leatherback nesting than any other beach along the surveyed coast.

## 2003 Green Turtle Program

-  The 2003 Green Turtle Program ran from June 16 to November 30. A team of research assistants from Canada (1), Chile (1), Colombia (1), Costa Rica (2), Cuba (1), Panama (1), Peru (1), Spain (3), Uruguay (1), USA (2) and Venezuela (1) logged a total of 2,279 green turtle, 16 hawksbill and five leatherback encounters during 2,034 hours of night patrols.
-  The 2,279 green turtle encounters correspond to 1,264 newly tagged, 433 previously tagged and 582 renesting green turtles.
-  Surveyor Enrique Vargas conducted 52 track surveys between the Tortuguero rivermouth and Jalova lagoon between January 3 and December 25, 2003.
-  Peak nesting was recorded on August 25, when 1,575 green turtle nests had been deposited in one night along the 30 km (18 miles) of nesting beach.
-  The track surveyor recorded evidence of poaching of nesting green turtles during seven track surveys in May, July, September and November. Poaching of eggs was recorded during eight surveys.
-  The track surveyor recorded 16 green turtles freshly killed by jaguars between May and October. Park rangers and research assistants reported 12 additional green turtles and one hawksbill turtle killed by jaguars. Two teams of research assistants observed jaguars on the beach during night patrols on 25 and 29 September.

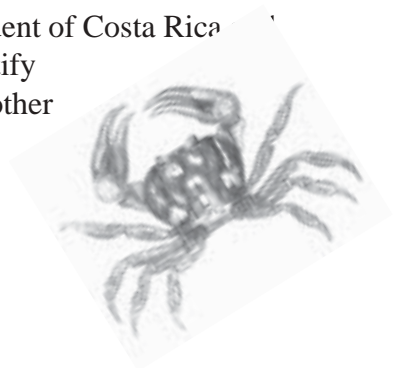
- ❁ Three green turtle tagged by other researchers were encountered during the 2003 Green Turtle Program. One had originally been tagged by researchers at Isla Mujeres, Quintana Roo, Mexico between 23 May 1996 and May 1997. Two green turtles were originally tagged in the Pacuare Nature Reserve, located south of Tortuguero National Park.
- ❁ Two green turtles corresponding to 0.8 % of carefully examined individuals (n=238) were recorded as having fibropapilloma tumors. The number of tumors ranged from one to three per turtle. Both affected turtles were newly tagged and none had evidence of old tag holes or notches.
- ❁ A total of 164 green turtle nests were marked and monitored until their fate could be determined. Overall hatching success for monitored green turtle nests is estimated at 68.8% and overall emerging success at 68.0 %.
- ❁ Eight hawksbill turtles were newly tagged during the 2003 Green Turtle Program. Four previously tagged hawksbill turtles and four renesters were also encountered.
- ❁ Tissue samples from 15 hawksbills were collected and exported to Dr. Peter Dutton of the National Marine Fisheries Service.
- ❁ A total of 29,103 visitors were attended in the H. Clay Frick Natural History Museum.




## Sea Turtle Satellite Tracking

- ❁ In June, two leatherback turtles were fitted with satellite transmitters in partnership with researchers at Hubbs-Sea World Research Institute (H-SWRI) and the University of Central Florida (UCF). One swam north to waters off northeastern USA and the other crossed a large part of the north Atlantic to waters north of the Azores (Portugal). Contact was lost in January 2004. The event was featured with a full-page photograph in the Costa Rican newspaper “Al Día”.

## Outreach, Publications, Talks, Media

- ❁ CCC collaborated with the Secretariat of the Inter-American Convention on the Protection and Conservation of Sea Turtles (IAC) and WWF to prepare a booklet about IAC and its importance. The document was distributed to all delegates and participants in the Conference of the Parties held in San José, August 19-22, and was considered a great success. CCC participated as observer in the IAC COP 1-II.
- ❁ CCC participated in a regional workshop to model the West Caribbean green turtle population held at the Cayman Islands in October 2003. The importance of CCC’s Tortuguero dataset was highlighted at the meeting.
- ❁ In 2003, CCC held numerous meetings with other NGOs, the President of Costa Rica the Vice-minister of Environment and Energy of Costa Rica to identify sustainable funding mechanisms for Tortuguero National Park and other protected areas in Costa Rica.









-  The Proceedings of the 22<sup>nd</sup> Annual Symposium on Sea Turtle Biology and Conservation were published in 2003 and included two CCC articles (Troëng, S. Ranstam, J. and E. Rankin *Beyond trends: Reconciling the concepts of absolute protectionism and sustainable extractive use to achieve “Best Use” of sea turtles* and Troëng, S. Mangel, J. and C. Reyes *Comparison of Monel #49 and Inconel #681 tags loss in green turtles Chelonia mydas nesting at Tortuguero, Costa Rica.*).
-  A CCC review of sea turtle conservation and research was published in the Costa Rican scientific journal Ciencias Ambientales (Troëng, S. *Tortugas marinas del Caribe tico amenazadas pero ahora estables*).
-  The inaugurated the green turtle nesting season at Tortuguero was reported in many of the Costa Rican newspapers. A CCC research assistant was featured on a full front-page photo in newspaper “Al Día”.

## **Panama Program Highlights**

### **2003 Chiriquí Beach Sea Turtle Research/Monitoring Program**

The 2003 Hawksbill Program at Chiriquí Beach was implemented under the leadership of Cristina Ordoñez. Drs. Anne and Peter Meylan of Florida Fish & Wildlife Conservation Commission and Eckerd College monitored nesting at the Zapatilla Cays.

### **2003 Hawksbill Program**

-  In June 2003, the Chiriquí Beach hawksbill project began in collaboration with indigenous communities, National Environmental Authority (ANAM), and traditional authorities of the Ngöbe-Buglé Comarca.
-  The 2003 Hawksbill Program Project objectives are to: (1) restore the hawksbill nesting population, (2) establish index nesting beaches to monitor population trends of hawksbills in the southwestern Caribbean, (3) protect the regionally significant leatherback population that nests at Chiriquí Beach, (4) educate residents of Bocas del Toro Province about biology and conservation, (5) build local capacity to monitor and conserve sea turtles and (6) support local initiatives to conserve natural resources.
-  During June-October 2003, local beach monitors conducted daily track surveys of Chiriquí Beach and the Zapatilla Cays. Additional track surveys were conducted during regular visits to Escudo de Veraguas Island.
-  In total, 491 hawksbill nests, 927 leatherback nests and nine green turtle nests were recorded. Nest productivity at Chiriquí Beach was assessed for a sample of the nests and revealed serious depredation by dogs. On Zapatilla Cays, depredation was not observed and hawksbill hatching success was much higher than at Chiriquí Beach.
-  Two adult female hawksbill turtles were fitted with satellite transmitters in July 2003. One swam north 632 km to northern Nicaragua, the other swam 983 km to Pedro Bank, Jamaica. The transmitters were still sending information in June 2004.
-  Education and awareness activities were conducted with local teachers and at the Sea Fair in Bocas del Toro.

# Sea Turtle Survival League

Established in 1993, CCC's Sea Turtle Survival League (STSL) program is the US-based education and advocacy arm of the organization. The STSL works to ensure the continued survival of sea turtles and their habitats in the U.S., especially in Florida, where more than 90% of all sea turtle nesting in the country takes place. The STSL uses education, advocacy and networking as its basic tools. Widely recognized as Florida's most effective sea turtle conservation initiative, the STSL distributes a wealth of information about sea turtle biology and conservation, and is one of the most effective advocates for sea turtles and their habitats in the U.S.






## 2003 STSL Highlights


### *Environmental Education*

#### Sea Turtle Migration-Tracking Education Program


Educating people about sea turtles and the threats to their survival is paramount to the STSL accomplishing its mission. The Sea Turtle Migration-Tracking Education Program is the STSL's most effective and most popular education initiative. Launched in 1996, the program uses an award-winning website ([www.cccturtle.org](http://www.cccturtle.org)) and wildlife satellite tracking to teach people, especially children, about sea turtles and the threats to their survival. To date the Education Program has reached hundreds of thousands of children and adults with accurate, fun and timely information about sea turtles and what people can do to save them. Among the Education Program's accomplishments in 2003:

-  **Website Visitation:** From January 1, 2003 to January 1, 2004, more than 220,000 new visitors accessed the website, for an average of 610 new visitors per day. In comparison, the daily average of new visitors in 2002 was 494, while in 2000 the daily average was only 298.
  
-  **Teacher/student participation continues to grow:** The number of teachers that have registered to use the Education Program continued to rise in 2003, bringing the total number of registered teachers to more than 13,000 educators representing about 455,000. This is 3,000 more educators and 55,000 more students than had registered to participate at the end of 2002. However, since the program's online resources, including the downloadable Educator's Guide (now available in Spanish as well as English), are free even to those who do not register, we know from the website's visitation that the number of people using the program is far greater than just those who have registered.
  
-  **Corporate support of Education Program continues:** The continued popularity of the Education Program led to additional corporate support in 2003. Funding for satellite transmitters and related expenses was contributed by Hubbs-Sea World Research Institute, the Disney Wildlife Conservation Fund, Shark Reef Aquarium and Underwater World.

## Sea Turtle Nesting Habitat Awareness Campaign



-  This STSL educational initiative, funded through Florida's Sea Turtle License Plate Grants Program, distributed over 100,000 pieces of sea turtle educational materials to coastal businesses, condominiums and hotels in five Florida counties.

## Coastal Armoring and Gap Mapping Project


-  This STSL research initiative, funded through Florida's Sea Turtle License Plate Grants Program, is an effort to evaluate and monitor the amount of coastal armoring and number of gaps that qualify for armoring under the "Gap-Closure Rule," allowing any section of beachfront property to be armored if the properties on either side of it are already armored. The project involved inventorying beach armoring structures and identifying the closeable gaps between armoring structures in a total of four Florida Counties.


## Sea Turtle Advocacy


The STSL regularly uses direct advocacy and policy initiatives to resolve issues in favor of sea turtles and their habitats. The issues addressed by the STSL in 2003 included:

-  **Protecting Florida's sea turtle nesting beaches from poorly designed coastal management policies.** STSL continued to play an active role in bringing about changes to Florida's coastal management policies in order to ensure the protection of sea turtle nesting beaches. STSL routinely monitors the Florida legislative session and state agency regulatory policy for any new laws or regulations that may impact sea turtles or their habitats and offers testimony or input when necessary. "In the summer of 2001...regulatory processes." Florida has embarked on a long-term controversial policy of large-scale beach renourishment projects to combat persistent and critical beach erosion. STSL is working to ensure these beach dredging projects do not adversely impact nesting beaches. CCC is the only conservation organization in Florida monitoring these policies on a regular basis and advocating for changes. When the Florida Department of Environmental Protection sponsored a Coastal Engineering Technical Advisory Committee Workshop in 2002 STSL was the only environmental organization invited to attend. The workshop's goal was to chart a new "environmentally friendly" direction in the design of renourished beaches. STSL also was the only non-governmental organization invited to participate in a state funded research project, begun in 2003, to test new "sea turtle friendly" beach renourishment designs.
-  **Improving the Administration of Florida's Sea Turtle Grants Program.** Sales of the Florida Sea Turtle License Plate funds Florida's Marine Turtle Protection Program and the Florida Sea Turtle Grants Program. CCC drafted and sponsored the original legislation in 1997 to establish the Sea Turtle Specialty Plate. In an effort to protect, streamline, and improve the Sea Turtle Grants program, CCC introduced legislation in 2002 to transfer the administration of the Grants Program from the state to CCC. The law passed during the 2003 Florida Legislative Session and CCC now administers the program. CCC established

a Grants Committee of sea turtle experts to review and award grants, a website that provides extensive information about the program, and a new set of application guidelines. CCC receives 30% of the revenue generated from the sales of the turtle plate for the Grants Program. Out of these funds CCC retains 15% to cover the administration of the program, and an additional 10% to cover expenses associated with marketing the sea turtle plate. Grants are awarded annually to Florida coastal governments, Florida-based non-profit organizations, and education and research institutions that actively participate in marine turtle research and conservation activities in Florida. In March of 2004 the Grants Committee awarded \$200,000 in grants to sixteen different applicants.

 **Shedding light on the lighting problem.** STSL continued to support the passage of lighting ordinances in Florida's coastal counties and oppose the weakening of existing ordinances. Controlling beachfront lightning can significantly increase the chances of hatchlings successfully reaching the water. STSL is also working with several lighting manufactures and state agencies to develop, promote and potentially market new state-of-the art "turtle friendly" lighting fixtures for new construction and retrofitting in Florida.

 **Working to Protect the Archie Carr National Wildlife Refuge.** In 2003, STSL compiled data on the alarmingly high loss of nests in the Refuge due to raccoon predation and worked with Refuge staff and private landowners to develop a predator awareness and control program. Educational brochures were produced and distributed to area residents. Meanwhile, STSL worked with private beachfront property owners in the region to trap and remove raccoons that had been targeting sea turtle nests. This program, combined with a trapping program carried out by the U.S. Fish and Wildlife Service on public lands, was highly successful in reducing predation and increasing sea turtle hatchling production. STSL also continued to play an active role in sea turtle education in the Refuge by teaming up with other conservation groups to design and produce permanent beach access signs alerting beach users of how to avoid disturbing nesting sea turtles. The signs have been installed throughout the Refuge.

 **Supporting federal initiatives to protect sea turtles and their habitats.** STSL regularly corresponds with staff of key members of Florida's congressional delegation in order to keep them apprised of federal issues impacting sea turtles and to build support for conservation policy. STSL also routinely works with federal agencies to ensure their policies don't harm sea turtles. Each year thousands of turtles wash up dead along the Gulf and Atlantic coasts. Most strandings result from a variety of commercial fishing activities. Commercial shrimping accounts for more sea turtles deaths than any other fishery. In 2003, after years of research, the National Marine Fisheries Service instituted new regulations requiring larger and more effective Turtle Excluder Devices. This could potentially prevent tens of thousands of sea turtles from drowning annually in shrimp nets! STSL played a major role in the TED issue, commented extensively on the new regulations and worked with key members of congress to build support for the rules. STSL also helped galvanize congressional support for the recent passage of the landmark Marine Turtle Conservation Act. The Act sets aside millions of dollars to support international conservation efforts to protect sea turtle nesting habitats.

# The Barrier Island Ecosystem Center



Artists rendering of the planned Barrier Island Ecosystem Center. CCC was chosen by Brevard County, Florida, to operate the facility and run education programs when the BIEC opens in early 2006.







A green turtle hatchling makes its way to the Gulf Stream.

# Bermuda Turtle Project



The Bermuda Turtle Project completed its thirty-fifth year in 2003. Launched by Caribbean Conservation Corporation Board Member Dr. H. Clay Frick, Jr., in the 1960s, the project's in-water studies of juvenile green turtles continue under the scientific direction of CCC Research Associates Drs. Anne and Peter Meylan. CCC provides financial and logistical support for these studies, which are the longest continuous studies of their kind in the world. The work is carried out in partnership with the Bermuda Aquarium, Museum and Zoo (BAMZ). In 2003 the project included field research, participation in Caribbean regional conservation issues, training of international and local students, and public education.

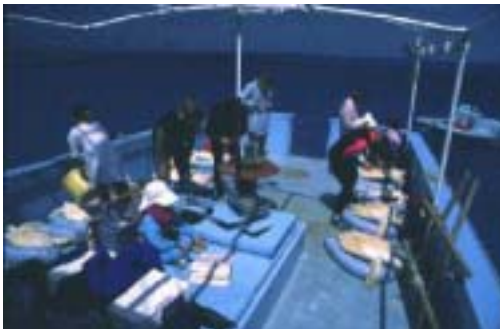
## Summary of 2003 Project Activities

-  Sampling of sea turtle populations using the entrapment method in Bermuda was carried out on 17 days in 2003 by Jennifer Gray (Project Coordinator & BAMZ Head Aquarist), Drs. Anne and Peter Meylan (Principal Investigators), other staff members of the Department of Conservation Services and the Department of Environmental Protection, and 47 volunteers. The net was set on five days in May, ten in August and two in December. The research vessel *RV Calamus* was available for the 2003 sampling sessions after undergoing extensive repairs to fix damage from an engine fire in 2002.
-  A total of 107 green turtle (*Chelonia mydas*) captures were made in nets at 17 sites around the island. The turtles ranged in size from 23.3 – 71.8 cm straight carapace length. Eight hawksbills (*Eretmochelys imbricata*) were handled as part of the project this year, ranging in size from 21.3 to 75.7 cm. Five were strandings and three were live captures made by a recreational diver. All turtles captured in 2003 were immature.
-  All turtles were tagged and released at the capture site. Blood samples or skin biopsies were obtained for genetic analyses. Part of the blood is used for hormone analyses to establish the sex of the animals. Of the 107 net-captured green turtles, 26 (24%) were recaptures. This compares with 35.1% in 2000, 16.4% in 2001, and 22% in 2002. The recaptures included one turtle tagged ten years prior, three tagged seven years prior, and the remainder had been tagged six years prior or fewer. All but three of the 26 recaptures were made at the same site at which they had been originally tagged; the other three had moved only slightly to adjacent sites.
-  A satellite transmitter was deployed during the August sampling session on a female green turtle 71.8 cm in length. *Vixen* was first captured at Outside Daniel's Head off the west end of the island on June 13, 1997, when she was 56.4 cm in length. Her second capture was on August 7, 2003 when she was caught at a site called The Vixen, just east of her original site. The turtle's sex was determined by the hormone content of a blood sample. A genetic sample taken in 2003 will help to determine the nesting beach where she was born. *Vixen* is at the



upper end of the size range of green turtles found in Bermuda, and the objective of tracking her was to document her developmental migration to a feeding ground elsewhere in the Caribbean. However, the transmitter continued to send location data only until November 30 and at this date *Vixen* was still in Bermuda waters.

- ❧ Four international tag returns of green turtles tagged in Bermuda were received during 2003. These included three from Nicaragua and one from Colombia. This continues the pattern of tag recoveries seen in previous years in which the majority of tags are returned from Nicaragua. All four captures were made as part of turtle fisheries in those countries.
- ❧ The Bermuda Turtle Project offered its International Course on the Biology and Conservation of Sea Turtles for the eighth time on August 4-15, 2003. The two-week course consisted of lectures, class discussions of assigned readings, a necropsy session, and 10 days of field work capturing immature green turtles. This year's nine participants were drawn from Anguilla, the British Virgin Islands, the Cayman Islands, the Turks & Caicos Islands, Grenada, St. Lucia, and the United States. Five were conservation officers from U.K. Caribbean Overseas Territories; the other four included a government natural resource manager from St. Lucia, a high-school teacher from the U.S., an intern from BAMZ, and the director of an NGO involved in field projects with sea turtles in Grenada.
- ❧ The course also included a necropsy session in which students dissected 13 green turtles and hawksbills that had been recovered by the Bermuda Sea Turtle Stranding and Salvage Network during the previous year. In addition to providing an opportunity to learn basic anatomy of sea turtles, the necropsy session enables participants to learn first-hand about some of the mortality factors for sea turtles, such as entanglement in monofilament line, ingestion of hooks, boat collisions, and disease.
- ❧ Environmental education goals of the Bermuda Turtle Project were furthered by the involvement of volunteers in the program. In 2003, 47 volunteers donated a total of 1962 hours of their time, and learned much about these endangered animals. The volunteers included international students, FRIENDS interns, BAMZ registered volunteers, and a number of professionals including lawyers, doctors, nurses and policemen.
- ❧ Additional information about the Bermuda Turtle Project is available on CCC's website at [www.cccturtle.org/bermuda/](http://www.cccturtle.org/bermuda/). During 2003, the BTP site received 69,727 page visits.



## 2003 Membership

2001



2002



2003



***4,227 MEMBERS***

***4,778 MEMBERS***

***5,428 MEMBERS***

### MEMBERSHIP RELATED INCOME

Average Dues for Renewals ..... \$58.83  
 Average Dues for New Members ..... \$30.89  
 Overall Dues Average ..... \$39.10  
 Income from New Membership ..... \$78,624  
 Income from Renewals ..... \$62,244  
 Income from Annual Appeal ..... \$15,704  
 Extra Member Donations ..... \$9,176

### MEMBERSHIP SIZE

Number of Renewals ..... 1,058  
 Total New Members ..... 2,545  
 (# *Joining in Tortuguero*) ..... 451  
 Renewal Rate ..... 38%

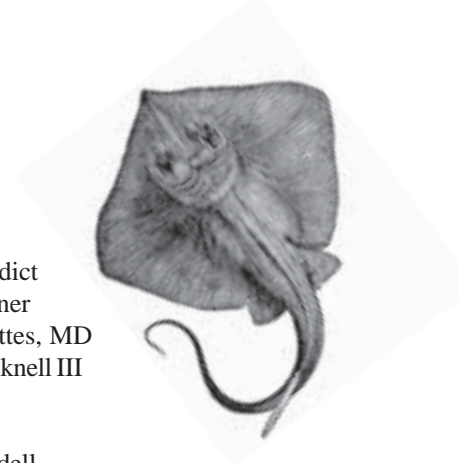
**2003 Year-End Membership ..... 5,428**

**TOTAL MEMBERSHIP-RELATED INCOME . . . . . \$165,746**



## 2003 Turtle Fleet Contributors

### (\$100 or more)



#### **Archie F. Carr Fellow** **(\$5,000 and up)**

Ken & Kathryn Bedell  
Sue Berman & Sam Zamkow  
Gladys G. Cofrin  
H. Clay Frick

#### **Kemp's Ridley Turtle Fleet** **(\$1,000-\$4,999)**

John Benoit  
Sarah Bruyere  
Tom & Peggy Cavanaugh  
James French  
Jenevra Georgini  
Anthony Knerr, Ph.D.  
Janet Leigh  
Charles Magal  
Martina Masterson  
Phil McHale  
Amy & Joseph Morel  
Colin Phipps  
Jeffrey Phipps  
Howard Phipps  
F. Peter Rose  
Maria Leonor Sardinha  
Mora & Mark Shantzis  
Ray & Helen Smith  
Mel Stark

#### **Hawksbill Turtle Fleet** **(\$500-\$999)**

Catherine Cahill & William Bernhard  
Edward Dayton  
William DeCamp  
Oren Dlin  
Donna Ewing  
Eleanor & Gordon Greenwood  
Margaret Hayllar  
Deborah Hebblewhite  
Cathy Holmes  
John Philip Kassebaum  
Chaim Katzap  
Paul Landgrebe  
Jochen Maier  
Marjorie Rogalski  
Penny Sampson  
Walter Thompson

#### **Loggerhead Turtle Fleet** **(\$250-\$499)**

Samy Alice  
Walter Allen  
Jake Bagley

Henry Batty  
Lexie Brada  
Jennifer Cameron  
Jen Caruso  
Ron & Patti Coleman  
James Day  
Donald DeaHays  
M. Frank Deavours  
Ronald Eisner  
John Fafinski  
Martin J. Feuer  
Emily Friedman  
Curt & Diane Fuhrmann  
Mr. & Mrs. Robert G. Goelet  
Carol Goepferd  
Maureen Hackett  
Kenneth Hale  
Linda Halle  
Diane Harke  
Tansy Holt  
Alyce Lindahl  
The Margaritaville Store  
Carmel Mc Gill  
Karen Moyer  
The Nederostek Family  
Paul Nelson  
Jay Nunes  
Deborah Poppel  
Jessy & Sandy Reaves  
April Shuping  
Eric Smith & Mary Lee York  
Alex Sze & Nina Tsung  
Anne Taylor  
Gregg Tripoli & Alexandra Woodley  
Charles & Pam Trippe  
J. Jordan Urstadt  
Alice Verano  
Jay Von Saalfeld  
Ron & Joan Wideman  
Lori-Anne Williams  
Robert Worth

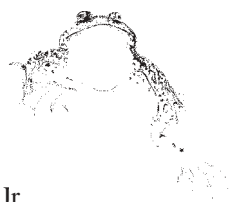
#### **Leatherback Turtle Fleet** **(\$100-\$249)**

Brian Adams  
Abby Anderson  
Brynn Arborico  
Sara Arno  
Aveda Marketing & Design Planning  
Judith Bachman  
Alexis Balinski  
Bill & Liz Barry  
Dick & Patti Bartlett

Peter Benedict  
Karen Benner  
Andres Bettes, MD  
Warren Bicknell III  
Fred Bittle  
Joel Bloch  
Ruby Blondell  
Heer En Mevrouw Boggemann-Smit  
Edgar Bohlen  
Mitchell Bolt  
Richard & Jan Braun  
Hannah Breslau  
Lynette Brooks-Homer  
Anne Brown  
Tara Leann Brown  
Brownie Troop #157  
Lauren Browning  
Josie, Kurt, Chris, Louis Buhler  
Helga Burrell-Sahl  
Jerry Cairns  
Bruce Campbell  
Kathy Campbell  
Ms. Campbell's Health Classes  
Shiela Canosa  
Anthony Capaccio & Bonnie Rollins  
Gregory & Linda Card  
Archie Carr, III, Ph.D.  
Marta Carvajal Leyva  
Alice Cave & Rick Fletcher  
Nancy Cheek  
The Parks At Chehaw  
Nicholas Chew  
Kristina Cleveland  
Evelyn Cochran  
Colla Family  
Mike Collins  
Craig Colvin  
Lisa Conboy  
Doris Coney  
William Conway  
Jack & Betty Cooper  
Laura Corey  
Bill Cottle  
Mary Lee Coulter  
Georges Courboin  
Hailee Jayne Cranston  
Shane Criqui  
Susan Cronyn  
Barbara Croon - Van Leeuwen  
D.J. Crouch  
Tricia Crow  
The Cutler Family

**Leatherback Turtle Fleet (\$100-\$249) continued...**

Chris & Karen Dadd	Darwin Harris	Judge Michael & Norma McKinley	Aaron Slifka
Vivienne Davies	Kellie Hedrick	Margaret McMillan	Steve Slocum
Nancy Davis	Kathy Heffelfinger	Lonnia Merte	Marlys Sloup
Michael Dawson	Viviane Heller	Jean Messex	Juliette Smith
The Devaney Family	Dale Henderson	Gail & Philip Moloney	Richard Smith Jr.
Marie Devey	Dana Holtz	Rita & Nolan Morris	Rosemary Smith
Ron Dewhurst	Robert House	Marc Morris	Sue Ellen Smith
Klara Dickinson	House 6C @ Hastings MS	Jack Mudd	Janet Sperbeck
Katarina Domstad	Mark Howard	Joseph Mullaney	Trine Sorenson & Michael Jacobson
Chase Donaldson	Bud Hunsucker	Jeffrey Myers	The Stacey Family
Hayden Dresden	Frederick & Joan Hutto	Stew Myers	Steve & Janie Stancyk
Carolyn Duchene	Kate Ireland	Maki Tanaka Nielsen	Thijs Stelling
Kathleen Lacy Dude	The John Family	Nancy Noel	Jennifer Stich
Mary Eastman	Ed & Sandy Johns	Helle & Anders Northeved	Catharine Stimpson
Shannon Endersby	Ed & Rhonda Johnson	Oak Hall School Ecology Club	Janette Stuhrke
Karen Engeseth	Ross, Lil & Andrea Judd	Philip O'Leary	Megan Taschenberger
Environmental Awareness Club	Karen Kaczynski	Jim Olsen	David Taylor
Julia & Matthew Espy	Michelle Kane	Louisa & Jefferson Parker	David Theurer
Roberta & Richard Evans	Jane & Joe Keiffer	Mary Parker	Gary Thomas
Lloyd Fales	Nyla Kladder	Roger Peck	Lyn Thomas
The McGuire Family	Carol Kleis & Rex Parker	-The Nyssa Foundation	Top Site, Inc
Brian Farley	Phyllis Koch	Mike Peters	Scuola Toscana
Diana Fligge	Richard Kreitman	Mrs. Pfeifer's 5th Grade Science Classes	Tower Services, Inc.
Carolyn Foelsch	Machele Kroll	Diane Veronica Phelan	Tim Train
Jack & Theresa Fox	Kevin La Pierre	Joel Piontek	Carrie Treadwell
Michael Franco	Daryle Lademan	Susan Polakow	Dr. Howard & Eileen Treichler
David Frank	William H. & Mattie F. Lane	Doug Powless	Thomas Troëng
Maya Frodeman	Mike Lipsitz	Susan Purvis	Jay True
George Fultz	Sharon Livingston	Chris & Jane Rajczi	Gladys & William Trzcinski
Ana Ma Merino García	The Locey Family	Diane Rand	Shannon Untalasco & Victor Copeland
Susan Garfield	Lucinda Lohr	Nathaniel Reed	Donna Utakis
Caroline Gart	Lorraine Lucas	Peter Reed	John Vachna
Andrew Gelb	Eva Lydick	Gina Reger	Judy VanInwegen
Mr. & Mrs. P. Georgini	Tia Lynn & Chuck Wilberger	Temple Reynolds	Veronica Viner
Jeffrey Gibb	Magic Brush, Inc	August & Andrew Ridenour	Nikolaus Voelz
Jane Gilbert	Tracy Maguire	Theresa Rigoli	Luise Walker
Helmuth Glutzberger	Pamela Maher	Brian Robinson	Bruce Weber
Bill Glynn	Charles & Barbara Mahoney	Fred Robinson	Heidi Weber
Davy & Annick Goethals-Vermeersch	Rachel Majewicz	Rufus Rose	Janet Weber
Beth Golden	The Margaritaville Store	Alison Rosso	Edward Weigand
M.B.S. Gray	Marine Industries Assn. S. Florida	Alison Rubin	Mark Weyenberg
Christina Green	Peter Martin	Adam & Matt Rynalski	Valarie Whiting
Joseph Greenberg	Joe Martinez & Ann Powers	Adam Sachs	Lisa Wiesbauer
Rich Greer	Curt Matlin	Julie Sandberg	Ann Wiley
David Griffin	Dorothy Matthews	Kate Sawyer	David Wilke
Gina Grissom	Lacey Max	Alex Schmidt	T.R. Young, III
Richard Guarnieri	Rebecca Mayo	Warren & Virginia Schwerin	Gena & Zosia Zaks
Danielle Guerin	Caitlin McAvoy	Joseph Semple	
Harriet Guest	Renee McCullen	Richard Paul Silvius, Jr.	
Richard Guth			
Nicole Hamilton			
Mary and David Hammatt			



## 2003 Foundation and Corporate Support

### *Foundation and Government Support*

The Agua Fund (Tides Foundation)  
Elinor Patterson Baker Charitable Trust  
Bay Foundation  
Michele and Agnese Cestone Foundation  
Arthur and Elena Court Nature  
Watch Conservancy  
Disney Wildlife Conservation Fund  
The Dreamcatcher Fund  
Firedoll Foundation  
FL Fish & Wildlife Conservation Commission  
Helen Clay Frick Foundation  
Homeland Foundation  
Howard Phipps Charitable Foundation  
International Fund for Animal Welfare  
Jelks Family Foundation  
Kenneth Scott Charitable Trust, A Key Bank Trust  
Lemmon Foundation  
Moore Charitable Foundation  
National Fish and Wildlife Foundation  
National Wildlife Foundation  
Point Reyes Bird Observatory  
Price R. and Flora A. Reid Foundation  
Susan and Elihu Rose Foundation  
Turtle House Foundation  
U.S. Fish and Wildlife Service  
World Society for the Protection of Animals  
World Wildlife Fund  
Berman and Zamkow Foundation

### *Matching Gifts*

Altria Group  
AIG  
Aetna  
SAP

### *Corporate Contributors*

Bernardo's  
City Tropics Bistro  
Carnegie Painting  
Eleanor Dillon Real Estate  
Disney's Vero Beach Resort  
Esso Standard Oil  
Florida Boy Embroidery  
Inlet Waters  
Longboard House  
Longpoint Bait and Tackle & Cafe  
MBNA  
Melbourne Beach Chevron  
Minnesota Aquarium  
New England Eatery  
Premier Properties of Brevard, Inc.  
Publix Supermarkets  
Riverside National Bank  
Robinson Insurance  
Silver Run Properties  
Southern Power and Controls  
St. Francis Animal Hospital  
SurfGuru.com



# 2003 Audited Financial Reports

## STATEMENT OF ACTIVITIES FOR THE YEAR ENDED DECEMBER 31, 2003

	<u>Unrestricted</u>	<u>Permanently Restricted</u>	<u>Temporarily Restricted</u>	<u>Total</u>
<u>SUPPORT</u>				
Contributions	\$183,367	\$39,500	\$1,000	\$223,867
In-Kind Contributions	12,217	—	—	12,217
Governmental Grants	8,600	431,364	—	439,964
Membership Dues	172,572	—	—	172,572
Net Asset Reclassifications:				
Release From Purpose Restrictions	348,771	(348,771)	—	—
Donor Restriction	(25,000)	(25,000)	50,000	—
<b>TOTAL SUPPORT</b>	<b>700,527</b>	<b>97,093</b>	<b>51,000</b>	<b>848,620</b>
<u>SPECIAL EVENTS</u>				
Revenues	19,258	—	—	19,258
Expenses	(13,398)	—	—	(13,398)
<b>NET SPECIAL EVENTS</b>	<b>5,860</b>	<b>—</b>	<b>—</b>	<b>5,860</b>
<u>REVENUES</u>				
Program Revenues	75,583	—	—	75,583
Sales and Rentals	131,959	—	—	131,959
Interest and Dividends	2,520	—	—	2,520
Royalties	1,512	—	—	1,512
Other	1,235	—	—	1,235
<b>TOTAL REVENUES</b>	<b>212,809</b>	<b>—</b>	<b>—</b>	<b>212,809</b>
<b>TOTAL SUPPORT AND REVENUES</b>	<b>919,196</b>	<b>97,093</b>	<b>51,000</b>	<b>1,067,289</b>
<u>EXPENSES</u>				
Program Services:				
Tortuguero Research and Conservation	304,410	—	—	304,410
Wider Caribbean Programs	86,149	—	—	86,149
Sea Turtle Survival League	296,496	—	—	296,496
Support Services:				
General and Administrative	102,867	—	—	102,867
Development	138,511	—	—	138,511
Costs of Merchandise Sales	28,013	—	—	28,013
<b>TOTAL EXPENSES</b>	<b>956,446</b>	<b>—</b>	<b>—</b>	<b>956,446</b>
<b>EXCESS OF SUPPORT AND REVENUES OVER (UNDER) EXPENSES</b>	<b>(37,250)</b>	<b>97,093</b>	<b>51,000</b>	<b>110,843</b>
<b>NET INVESTMENT GAINS</b>	<b>33,307</b>	<b>—</b>	<b>—</b>	<b>33,307</b>
<b>CHANGE IN NET ASSETS</b>	<b>(3,943)</b>	<b>97,093</b>	<b>51,000</b>	<b>144,150</b>
<b>NET ASSETS, January 1, 2003</b>	<b>69,057</b>	<b>119,001</b>	<b>547,370</b>	<b>735,428</b>
<b>NET ASSETS, December 31, 2003</b>	<b>\$ 65,114</b>	<b>\$ 216,094</b>	<b>\$598,370</b>	<b>\$ 879,578</b>

# 2003 Audited Financial Reports

## STATEMENTS OF FINANCIAL POSITION FOR THE YEARS ENDED DECEMBER 31, 2002 AND 2003 CARIBBEAN CONSERVATION CORPORATION, INC.

	<u>2003</u>	<u>2002</u>
<u>ASSETS</u>		
Cash and Equivalents	\$ 218,706	\$ 88,948
Short-Term Investments	1,019	947
Advances	725	1,878
Receivables	24,247	62,659
Prepays	4,924	1,401
Inventories	23,857	11,566
Assets Restricted to Long-Term Purposes:		
Cash and Equivalents	256,175	127,620
Investments	82,195	159,750
Structures and Equipment	400,610	410,645
Land	<u>20,300</u>	<u>20,300</u>
 TOTAL ASSETS	 <u>\$1,032,758</u>	 <u>\$885,714</u>
<u>LIABILITIES AND NET ASSETS</u>		
<u>LIABILITIES</u>		
Accounts Payable	\$ 18,380	\$ 14,386
Grants Payable	3,022	27,000
Accrued Liabilities	14,278	12,900
Line-of-Credit	<u>117,500</u>	<u>96,000</u>
 TOTAL LIABILITIES	 153,180	 150,286
<u>NET ASSETS</u>		
Unrestricted	65,114	69,057
Temporarily Restricted	216,094	119,001
Permanently Restricted	<u>598,370</u>	<u>547,370</u>
 TOTAL NET ASSETS	 <u>879,578</u>	 <u>735,428</u>
 TOTAL LIABILITIES AND NET ASSETS	 <u>\$1,032,758</u>	 <u>\$885,714</u>



## 2003 Tortuguero, Costa Rica, Program Volunteers

*Caribbean Conservation Corporation offers unique volunteer opportunities at its John H. Phipps Biological Field Station in Tortuguero, Costa Rica. Volunteers in these programs help CCC's staff members and Research Assistants collect valuable data on Tortuguero's sea turtles and neotropical birds. In 2003, 61 volunteers participated in CCC's research programs.*

### **Leatherback Turtle Program:**

Sue Berman & Sam Zamkow  
Julie, David & John Eskra  
Becky Hass  
Carlena Johnson  
Teresa Margnotte  
Rachel Platkin  
Claire Standley



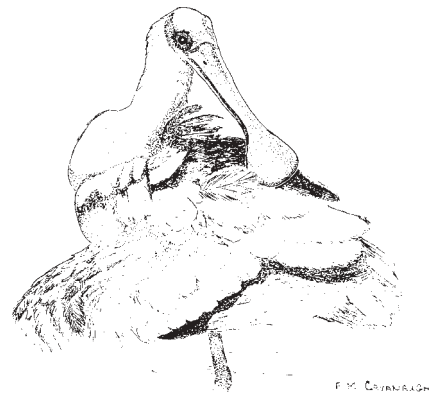
### **Green Turtle Program:**

Karen & Nick Atkinson  
Averill, Claire, Charlotte  
& Jen Babson  
Linda Bannan  
Christine Baran  
Ryan Barile  
Kristine & David Barr  
Emily Bartlett  
Kelly Bee  
Michele Block  
James Born  
Jenna Callender  
Kristi Capps  
Leslie Deckter  
Ann Downey  
Stephanie Edwards  
Barbara Getty  
William Hirsch  
Kimberly Hannigan  
Dan Johnson

Karen Kaczynski  
Sherry Kelly  
Susan Lubbers  
Scott Meier  
Jennifer Paige  
Mr. & Mrs. John Pierce  
John Ramon & Tessa Pierce  
Beth Plowman  
Ava Robinson  
Jennifer Rogers  
Daphne Sapp  
Leonor Sardinha  
Nathaniel Segal  
Lindsay Shore  
Ann Somers  
Jana La Sorte  
Shalonn Snider  
Margaret Swisher  
Barbara Taylor  
Ken, Leah & Jonathan Werk

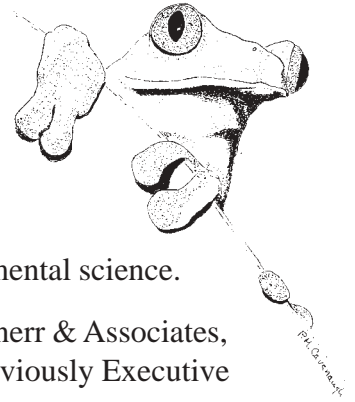
### **Neotropical Bird Program:**

Kelli Muddle  
Genevieve Purugganan  
David & Barbara Swisher





## 2003-2004 Board of Directors



**Landon T. Clay** - *CCC Chairman*; East Hill Management, Boston.

**Peggy M. Cavanaugh** - *CCC President*; Real Estate Agent.

**F. Peter Rose** - *CCC Secretary*; Ecologist with an advanced degree in environmental science.

**Anthony D. Knerr, Ph.D.** - *CCC Treasurer*; Managing Director of Anthony Knerr & Associates, strategic consultants to leading nonprofit institutions in the US and Europe. Previously Executive Vice President for Finance and Treasurer of Columbia University.

**Mario A. Boza** - Advisor to the Minister of Environment and Energy of Costa Rica; first director of Costa Rican National Park System; former vice minister of natural resources for Costa Rica.

**Archie F. Carr, III, Ph.D.** - Director of Wildlife Conservation Society's Meso-American program; son of founding scientific director Dr. Archie F. Carr, Jr.

**William G. Conway, Ph.D.** - Senior Conservationist, Wildlife Conservation Society, New York. Former President and CEO of the Wildlife Conservation Society.

**Mauricio Dada** - Owner of Mawamba Group, a chain of ecotourism lodges in Costa Rica.

**Carlos Manuel Rodriguez Echandi, Esq.** - Minister of Natural Resources, Government of Costa Rica.

**Dr. David Ehrenfeld** - Professor of Zoology at Rutgers University; received Ph.D. under Dr. Archie F. Carr, Jr., and conducted sea turtle research in Tortuguero.

**H. Clay Frick, III** - Owner of a private commercial salmon fishing operation in Alaska. Son of long-time CCC Board member Dr. Clay Frick, Jr.

**Elise Frick** - Daughter of H. Clay Frick, Jr. and past volunteer with the Bermuda Turtle Project.

**Jenevra Georgini** – Assistant General Counsel for AIG in New York.

**Dr. Charlie Magal** – Managing partner in a Radiology practice.

**Carolien P. Maynard** - Daughter of CCC co-founder Mr. Joshua Powers.

**Carmel McGill** - Partner, Engenium Group, an environmentally sensitive development firm.

**Rafael Morice** - Chief executive officer, Grupo ECOS, Costa Rica.

**Jeffrey S. Phipps** - Owner, Growth Innovations; grandson of CCC co-founder John H. Phipps.

**Chris Rajczi** - Computer industry consultant and business networking specialist.

**Rainey Sellars** – Managing Director, International Private Client Group.

**Mark D. Shantzis** - Founder of the Conservation Education Foundation. Inventor and former owner of Hi-Rise Recycling.

**Jordan Urstadt** - Attorney with law firm of White & Case, New York.

## 2003 Scientific Advisory Committee

**Karen A. Bjorndal, Ph.D.** -- Archie Carr Center for Sea Turtle Research, University of Florida.

**Alan B. Bolten, Ph.D.** -- Archie Carr Center for Sea Turtle Research, University of Florida.

**David W. Ehrenfeld, Ph.D., M.D.** -- Department of Natural Resources, Rutgers University.

**Llewellyn M. Ehrhart, Ph.D.** -- Department of Biological Sciences, University of Central Florida.

**Harry F. Hirth** -- Department of Biology, University of Utah.

**Anne B. Meylan, Ph.D.** -- Florida Marine Research Institute.

**Jeanne A. Mortimer, Ph.D.** -- Turtle and Tortoise Project, Conservation & National Parks, Division of Environment, Republic of Seychelles.

**Larry H. Ogren** -- National Marine Fisheries Service (retired).

**Peter C. H. Pritchard, Ph.D.** -- Chelonian Research Institute.

**J. Perran Ross, Ph.D.** -- Florida Museum of Natural History, University of Florida.

**Barbara Schroeder** -- National Sea Turtle Coordinator, National Marine Fisheries Service



## 2003 CCC Staff

### CCC Headquarters - Gainesville, Florida

David Godfrey, *Executive Director*  
Dan Evans, *Education Coordinator*  
Gary Appelson, *Policy Coordinator*  
Pat McCloskey, *Controller*  
Kim Allen, *Office Manager*  
Tracie Vida, *Membership Coordinator*

### San Jose, Costa Rica, Office

Roxana Silman, *In-country Director*  
Ileana Vargas, *Office Assistant*

### Tortuguero Research Station (Only managerial staff listed)

Sergio Campos, *Manager, John H. Phipps Biological Field Station*  
Teresita Alfaro Salas, *Museum and Visitors Center Coordinator*

### Tortuguero Research staff

Sebastian Troëng, *Scientific Director*  
Dr. Emma Harrison, *Field Coordinator*  
Enrique Vargas, *Track Surveyor*

### Panama Research staff (Paid track surveyors not listed)

Cristina Ordonez, *Field Coordinator*

### Green Turtle Program

*Research Assistants:*  
Alvaro Bañados (Peru)  
Mauricio Beker (Panama)  
David Costalgo (Spain)  
Rogelio Díaz (Cuba)  
Ana Díaz-Merry (Spain)  
Thomas Egli (Canada)  
Veronica de los Llanos (Venezuela)  
Jonathan McGonzález (Costa Rica)  
John-Paul Mial (USA)  
Leyla Miranda (Chile)  
Jimmy Ordoñez (Costa Rica)  
Mariana Rios (Uruguay)  
Catalina Rojas (Colombia)  
Moisés Villanueva (Spain)  
Gretchen Ziemer (USA)



### Leatherback Turtle Program

*Research Assistants:*  
Philip Bradshaw (UK)  
Andrea de Haro (Spain)  
Yadira Mera (Ecuador)  
Troy Stellmacher (USA)  
Michael Sturt (UK)  
Eylen Zuñiga (Costa Rica)  
Pedro Márquez (Mexico)  
Luis Cruz (Costa Rica)

### Neotropical Migratory Bird Program

Pablo Herrera, *Field Coordinator*  
*Research Assistants:*  
Anna Thaler (USA)  
Belkys Jmenez (Panama)  
Brian Sharp (USA)  
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