

# VELADOR

Protecting Sea Turtles and their Habitats since 1959

Winter 2000

## Internet creates new market for illegal endangered species products

late last year, CCC was alerted by several of its members and colleagues that products made from endangered sea turtles were being illegally auctioned and sold on *eBay*, the largest Internet auction site. In January, CCC staff members investigated these allegations and were shocked at what they found. A simple site search turned up several dozen items made from the shell of endangered hawksbill turtles (commonly called "tortoise shell"). All of these items, including jewelry, guitar picks, cigarette cases and other decorative ornaments, were being sold through at least 30 separate *eBay* auctions. And every day scores of additional illegal products were added to the list. Items being auctioned included an entire hawksbill shell ("listed as a Rare Turtle and Head") and raw, "unworked" hawksbill shell, with bidding reaching several hundred dollars.

A further search of the *eBay* site found that the sale of endangered animal parts did not stop with sea turtles. CCC easily found auctions for genuine leopard skin coats and rugs, taxidermied migratory birds, and a Siberian bear skin rug ("with claws"). The site also contained scores of elephant ivory items. All of these items being traded on-line were in violation of the 1973 Endangered Species Act (ESA). And contrary to initial claims by *eBay*, most of the



U.S. Fish and Wildlife Service

More than 30 pieces of jewelry, shells and other products made from endangered sea turtles were found for sale on an Internet auction site.

products are illegal even if sellers acquired them prior to the passage of the ESA.

Most scientists agree that the hawksbill turtle is critically endangered around the world — having suffered an 80% decline worldwide during the last hundred or so years. According to a 1999 research report (Chelonian Conservation and Biology (3)2:177-184) on the worldwide status of

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# Tortuguero sea turtle research programs begin another year!

It's 8 p.m. and you've just joined several other program participants to begin a four-hour shift monitoring a section of beach that begins behind CCC's John H. Phipps Biological Field Station in Tortuguero, Costa Rica — the nesting beach for the largest colony of green turtles in the Western Hemisphere. Your team's assignment is to find nesting turtles, count eggs and tag turtles. It will be a very busy night.

"Buenas noches!" A voice comes from the darkness ahead. With your eyes not yet adjusted to the darkness, and with the noise of the breaking waves, it is difficult to identify the person ahead. Your group walks on until a figure dressed in green fatigues becomes faintly visible. Francisco, a park guard for Tortuguero National Park who is assigned to protect the nesting turtles, greets your team. After a short chat about the park service's efforts to control the poaching of turtles and eggs, you continue the beach patrol.

Soon, you encounter another group of people on the beach. This time it is a local tour guide and a small group of tourists he is escorting to the beach to see nesting turtles. You tell the guide about a turtle a short distance down the beach that is just about to lay her eggs. Know-



CCC researchers and participants become one large family with the goal of helping sea turtles survive at Tortuguero, Costa Rica.

Dan Evans

local residents are given the opportunity to profit from the protection of sea turtles by taking tourists from around the world on guided turtle walks. The guides must go through a training session run by the Costa Rican Park Service and the Caribbean Conservation Corporation (CCC) before they can receive a guide permit.

Continuing down the beach, your team searches for more turtles by the light of the moon and stars. You are there for adventure, but you are also now part of CCC's 40-year effort to study and protect the turtles of Tortuguero.

## HOW IT ALL BEGAN

The Atlantic green sea turtle, *Chelonia mydas*, threatened from over hunting, nest poaching and loss of nesting habitat, was placed on the endangered species list in 1978. But the plight of the green turtle was first brought to the attention of the world by Dr. Archie Carr, a renowned zoologist at the University of Florida, who in the early 1950s published his award winning book, *The Windward Road*, describing the demise of green turtles in Costa Rica. Around this time, Dr. Carr initiated a green turtle research program at Tortuguero. In the late 50s, the nonprofit Caribbean Conservation Corporation was formed to support Dr. Carr's work, and the ongoing research and conservation effort at Tortuguero was conducted from then on under the auspices of CCC. The green turtle program is now the longest continuous study of its kind in the world. Fueled by the success of the green turtle program, which runs annually from June through September, CCC expanded its efforts in 1995 to include annual studies of leatherback nesting at Tortuguero. The leatherback program runs from March through May.

In an effort to financially support the research programs and to recruit additional "eyes and ears" on the beach, CCC now invites people with little or no biological experience to

**see Research Program on page 4**



Laurie M. Penland

The Atlantic green sea turtle, *Chelonia mydas*, is threatened from over hunting, nest poaching and loss of nesting habitat.

ing that tour groups are only permitted to watch the turtles once they have started laying their eggs, your group leader gives the guide directions to the turtle you saw earlier. The guide escorts his group down the beach in a single-file line, hoping to find the nesting turtle before she returns to the water. Later, your team leader explains how



## VELADOR {bel.a.dor}

In Caribbean cultures, *Velador* translates as "one who stands vigil" — originally referring to turtle and egg harvesters who waited at night for turtles to come ashore. Now CCC claims this title for its newsletter, and in Tortuguero, CCC's researchers and volunteers are replacing poachers as the new veladors.

*Velador* is published quarterly for members and supporters of the nonprofit **Caribbean Conservation Corporation (CCC)** and its **Sea Turtle Survival League (STSL)** program.

CCC is a nonprofit organization dedicated to the conservation of sea turtles through research, training, advocacy, education and the protection of natural areas.

STSL is the US-based public awareness, advocacy and education program of the CCC.

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## **International Sea Turtle Update**

### **Fifth international short course on marine turtle biology & conservation**

Thanks to generous financial support from the Dutch Government through Trust Funds managed by the World Bank, CCC was able to again offer an intensive two-week training course in marine turtle biology and conservation at the John H. Phipps Biological Field Station at Tortuguero from October 9-24, 1999. The 1999 course was the fifth such course that CCC has hosted at Tortuguero since 1989. The Wildlife Conservation Society (WCS) and the Wider Caribbean Sea Turtle Conservation Network (WIDECAST) collaborated with CCC in organizing and implementing the course, which was intended to benefit Central Americans. All instruction was provided in Spanish.

The principal instructor was Dr. Cynthia Lagueux, Associate Conservation Zoologist of the Wildlife Conservation Society, and the assistant instructor was Ana Barragán, M.Sc., of the Marine Turtle Laboratory of the National Autonomous University of Mexico (UNAM). Additional instruction was provided by the following guest instructors and speakers: Randall Arauz (Regional Sea Turtle



Arcadio Castillo of Kuna Yala, Panama (at left), attempts to find a marked nest following the directions of Sebastian Troëng.

Recovery Program/Turtle Island Recovery Network); Cathi Campbell, M.Sc. (Doctoral candidate/University of Florida); Didiher Chacón, M.Sc. (ANAI and Regional Network for the Conservation of Sea Turtles in Central America); Eduardo Chamorro (Administrator, Tortuguero National Park); Fernando Estrada (Tortuguero resident, tour guide for Tortuga Lodge); Laura McCarthy (Peace Corps Volunteer/Nicaragua); Enrique Obando (Tortuguero resident and businessman, former president of Tortuguero Development Association, newly elected president of Tortuguero Tour Guide Association); Cindy Taft, M.Sc. (CCC — International Programs Director); and, Sebastian Troëng, M.Sc. (CCC — Tortuguero Turtle Programs Field Coordinator).

Fourteen trainees from Central American nations were selected and received full support to attend the course. Trainee backgrounds were diverse, but each attendee lives in a coastal area and is directly involved with some aspect of marine turtle management and/or use.



The course participants practiced carapace measuring techniques on the model turtle in the CCC visitors center.

**see Short Course on page 9**

## Research Program from page 2

assist CCC researchers in Tortuguero. For minimal cost, these "Program Participants" live, eat and work at CCC's field station during a one or two week program.

Participants work in two four-hour shifts between 8 p.m. and 4 a.m. Each shift is covered by two teams, with each team covering one of the two sections of the beach, each section of beach about 2½ to 3 miles long. CCC researchers do the actual applying of the identification tags, while participants assist with track counts, measuring turtles, egg counts, nest marking, and recording data.

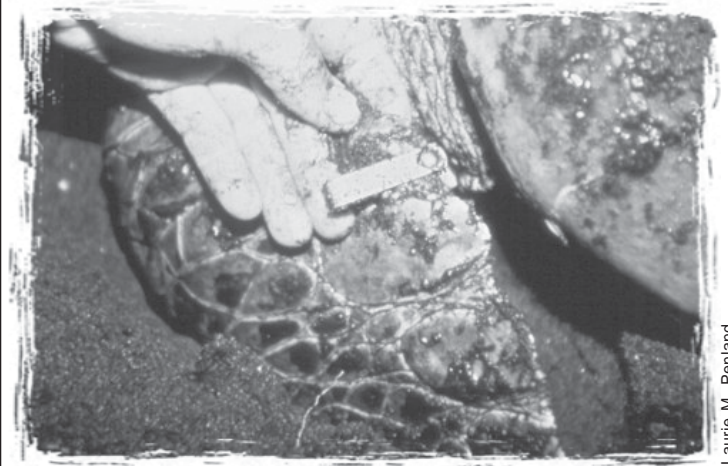
### THE EXPERIENCE OF A LIFETIME

*You come across a fresh turtle track. Your team leader, Richard, slowly walks up the track to determine where the turtle is in its nesting cycle. Sea turtles are very skittish on the beach before they begin to lay their eggs and an entire group approaching a female before she begins to lay may frighten her back into the sea. Richard returns and tells the group that the turtle is just finishing the egg chamber and is getting ready to lay her eggs; it's the perfect opportunity to conduct an egg count.*

*You move up the track and see a large oval lump shifting back and forth in the sand. Scoops of sand are occasionally thrown into the air as she finishes digging the egg chamber with her rear flippers. You move into position behind the turtle so you will be ready when the first eggs begin to drop. The turtle pauses in her efforts and you know it is time. You slowly pull some of the sand away from the back side of the egg chamber and reach a gloved hand into the cavity under her tail. With the counter ready, you wait for the eggs to drop.*

*At first a few single white, ping-pong-ball-sized eggs roll over your hand and into the nest. You click the counter accordingly. The eggs begin to fall more quickly — in groups of two or three at a time. The turtle's labored breathing can be heard as she takes a deep breath before pushing out more eggs.*

*The turtle finishes laying her last eggs and you move quickly to get your hand out of the egg chamber. The counter reveals that 107 were deposited, and you record this figure in the data book. As the turtle covers the nest, you examine all her flippers for tags. If the turtle does not bear any tags, Richard will attach a tag to both front flippers. There is a tag in her front left flipper; she has*



Laurie M. Penland

A participant checks the number on the metal ID tag in a green turtle's front flipper.

*been seen before. Green turtles are typically tagged in each front flipper, so she may have lost the tag from her right flipper. A new tag is attached and the number is recorded. You help measure the length of the turtle's shell and enter the information into the data book. The turtle finishes covering the nest and drags herself down the beach towards the ocean. Following her to the water, you and your new friends watch in awe as the waves crash over her shell.*

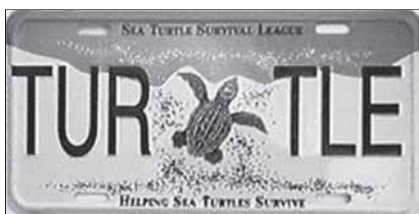
*In the morning, you will head back to the beach with another CCC researcher to check the nests marked that night and earlier in the season to record how each nest is doing. You remind yourself to look up the tag number of the turtle whose eggs you just counted to see when she was first encountered in Tortuguero. Was she first seen just two to three years ago, or over ten years ago? You pause a moment, looking into the star-filled sky — your memories and experiences during CCC's Turtles of Tortuguero Program will forever change your life.*

### JOIN CCC'S TEAM IN TORTUGUERO

You too can become a part of the longest running sea turtle research and conservation project in the world by becoming a research participant. You will get the chance to work hands-on with sea turtles alongside CCC researchers and other participants in Tortuguero, Costa Rica. CCC participants truly make a difference, and you can too! To learn more about CCC's Turtles of Tortuguero Program, visit the CCC web site at <http://www.cccturtle.org> or call 1-800-678-7853. 🐢

## License Plate Update

**More than 20,100 sea turtle license plates sold to Florida drivers!**



During fiscal year 1998/1999, Florida sea turtle license plate sales (including plate renewals) generated nearly \$500,000 for the Florida Marine Turtle Protection program. The 10 counties generating the most revenue were Palm Beach, Pinellas, Orange, Hillsborough, Dade, Broward, Brevard, Sarasota, Seminole, and Lee counties. CCC would like to thank everybody who has supported sea turtles by purchasing a sea turtle license plate for your vehicle!



## Tortuguero Turtle Season Report

# 1999: Turtles, Park Guards & Jaguars, Oh My!

The sea turtle monitoring in 1999 began with the Leatherback Program. Research assistants arrived in March and joined forces in patrolling the beach at night to tag as many as they could of the largest of the living sea turtles.

1999 shaped up to be a good leatherback season with a total of 100 tagged leatherbacks and a hawksbill. Halfway through the season more leatherbacks had already been tagged than in all of 1998. From track surveys it was determined that more leatherbacks are crawling ashore to nest, and many of them conveniently nested close to the CCC station.

After a short break in monitoring activities from late May to early June, activities resumed in earnest with the Green Turtle Program. After 1998's record nesting, everyone expected that 1999 would be a low year, though even a low year in Tortuguero means more green turtles than in most of the world's other green turtle nesting aggregations. This is normal, since nesting activity typically varies dramatically from one year to the next. The explanation is that individual females do not come to nest every year but instead nest every two, three, four or more years. Nevertheless, the nesting season provided enough nesting green turtles to satisfy tour guides, tourists and turtle conservationists.

A total of 1,041 newly tagged green turtles were

recorded during the 1999 season, along with 14 hawksbills and even a few late nesting leatherbacks. In an interesting twist, a green turtle that was encountered nesting at Tortuguero in early October 1999 had originally been saved



Sebastian Troëng

CCC continued its ongoing community outreach program by having local students participate in activities such as beach surveys, writing stories about turtles, playing sea turtle games and visiting the CCC visitors center.

by Panamanian wildlife authorities and tagged by Drs. Anne and Peter Meylan in Bocas del Toro province, Panama. (See article on page 8.)

CCC continued its ongoing community outreach program by inviting Tortuguero school to the research station. The students were divided into groups and the groups were rotated between different activities: slide show about sea turtle biology, beach walk, drawing turtles and writing stories relating to turtles, exercises/games relating to turtles and visiting the CCC visitors center. In May, CCC staff conducted a successful tour guide training course and continued to increase communication and cooperation between CCC researchers and local guides.

In addition, there was strong media interest in Tortuguero turtles. Two Costa Rican TV channels filmed poachers being pursued and arrested by park rangers. They interviewed villagers who said that turtles are worth more to them alive than dead, and of course they interviewed CCC's turtle researchers about turtle biology and the work being carried out in Tortuguero. One of the Costa Rican



Sebastian Troëng

After 1998's record nesting, 1999 was expected to be a low year, though researchers and participants still had plenty of turtles to keep them busy.

see *Turtle Season* on page 11

## CCC to oppose proposal to legalize international hawksbill trade

In an effort to defeat two proposals to re-open legal international trade in hawksbill turtle shell between Cuba and Japan, CCC is sending three representatives to the upcoming "Conference of the Parties" for the Convention on International Trade in Endangered Species (CITES) to be held in Africa this April. CCC Executive Director David Godfrey and Scientific Advisory Committee members Drs. Anne Meylan and Jeanne Mortimer will travel to Nairobi, Kenya, in an effort to convince CITES country delegates that the proposals submitted by Cuba would have serious negative impacts on both Caribbean and

global hawksbill populations. A major concern is that re-opening trade in hawksbill shell would encourage stockpiling of shell by dealers around the world in anticipation that CITES will eventually legalize trade elsewhere.

Recognizing that unregulated trade was wiping out scores of plant and animal species, in 1973 countries from around the world drafted a treaty "to protect wildlife against



see CITES on page 7

### Endangered Species Market from cover

hawksbill turtles, "the intensity and antiquity of the demand for tortoise shell around the world have had a profound influence on the survival of the species." Despite a decades-long ban in international tortoise shell trade, authors of the report conclude that, because hawksbill shell is so valuable and can be stored for long periods, "every case of illegal trade and every request to re-open any form of international trade, encourages fisherman to continue to stockpile the turtle's shell." (See article above to learn about CCC's efforts to stop a new proposal to re-open international hawksbill trade.)

After its investigation, CCC contacted officials with the U.S. Fish and Wildlife Service (USFWS) and *eBay*. The USFWS told CCC that it was already aware of some of these illegal auctions and had been working for over a year to get the products off *eBay* and other similar on-line auction sites. Their efforts had resulted in *eBay* posting instructions to buyers and sellers asserting that it is illegal to sell products made from endangered or threatened animals, and listed bear products, sea turtle products, and elephant ivory as examples of what *eBay* will not allow to be auctioned. But the instructions were hard to find, buried under layers of web pages. Additionally, *eBay* was not enforcing its policy and "relied on its community of buyers and sellers to alert the company to illegal animal product sales."

After being contacted by CCC, neither *eBay* nor the USFWS claimed to be aware of the significance or scope of the problem.


"Quite frankly, we weren't aware of the volume of turtle products being auctioned," said Bob Snow, a USFWS agent who has been working with *eBay* for over a year.

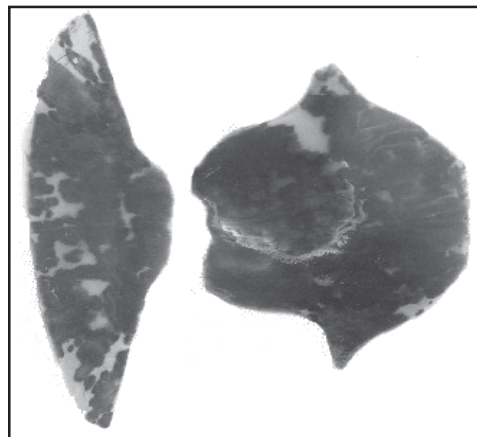
According to USFWS officials, as a result of CCC's activities the agency is now taking a much closer

look at illegal Internet auctions. One issue confusing enforcement efforts until now has been the commonly held belief among antique dealers that endangered species items over 100 years old are exempted from the ESA. *eBay* initially used this false loophole as an excuse for not closing auctions of antique tortoiseshell items. Fortunately, the USFWS has now clarified its legal position and informed *eBay* and others that the sale of antique items made from endangered or threatened species is illegal unless (1) the seller can prove the item entered the country through one of a few certified ports of entry; (2) the item was inspected by the Service at the time of entry; and (3) the item carries USFWS certification as to its legality. With this ruling, all sales of hawksbill turtle items through *eBay* are effectively illegal.

"It was never our intention to simply pick on *eBay*," said Gary Appelson, CCC's Advocacy Coordinator. "CCC is just trying to get *eBay* and other on-line auction sites to exercise greater corporate responsibility in curbing the illegal activity on their sites. Also, the buyers and sellers of these products need to be aware that they are breaking the law and could have their property confiscated, or worse, they could be heavily fined or even jailed."

*eBay* recently clarified its policy banning endangered species items, including antiques, and has increased enforcement. Most of the blatantly illegal auctions in wildlife products are now halted soon after being posted. But the instructions telling buyers and sellers what is illegal are still not listed prominently.

Despite suggestions by the USFWS and CCC that *eBay* use its Internet technology to automatically notify sellers and buyers trying to sell animal parts of the laws and penalties, *eBay* continues to rely on hit-or-miss monitoring by its staff and its community of users to catch the illegal auctions. 



Products being sold on *eBay* included raw pieces of hawksbill shell, called scutes.

## CITES from page 6

such over-exploitation and to prevent international trade from threatening species with extinction." Known as CITES, the treaty now includes 146 member countries. These countries act by banning commercial international trade in an agreed list of endangered species and by regulating and monitoring trade in others that might become endangered. Hawksbill turtles (*Eretmochelys imbricata*) are currently listed on Appendix I, which is reserved for those species in imminent danger of extinction. Specimens or products derived from species listed on Appendix I are banned from trade between member countries without special permission.

Hawksbill shell (or bekko in Japanese) has been used since antiquity as raw material in the making of a variety of products, including jewelry, carved figurines and decorative ornaments. Artisans from Japan are particularly skilled in working with bekko, and there is constant demand in that country for raw hawksbill shell.

Since 1993, Cuba has been stockpiling hawksbill shell from turtles taken in its waters. Approximately six tons of raw shell are now stored in Cuba awaiting permission from CITES to be exported. Under the proposed amendments submitted to CITES for consideration in April, Cuba is asserting that the hawksbills occurring in its territorial waters form a stable enough population to warrant "downlisting" to Appendix II. If either of the proposed amendments (Prop. 11.40 and Prop 11.41) is approved by a two-thirds vote of CITES delegates, Cuba would be allowed the one-time shipment of its entire stockpile to Japan. If Prop. 11.40 is approved, then every year thereafter, Cuba would also be permitted to export shell from an additional 500 hawksbills to Japan and other countries meeting certain guidelines.

Dozens of sea turtle scientists who make up the international Marine Turtle Specialist Group (MTSG) have voiced strong objections to the Cuban proposal. Drs. Meylan and Mortimer are among those on the MTSG who are most knowledgeable about the status of hawksbills in



CCC File Photo

Hawksbill sea turtles are listed as critically endangered worldwide primarily due to the use of their beautiful shells to make jewelry.

the Caribbean and indeed globally. The CCC delegation will be on hand in Africa to present delegates with factual information about the impacts of the Cuban proposal. With luck and hard work, the proposal will be defeated. Watch for an update on CITES in the next issue of the *Velador*. 🐢

## HOW YOU CAN HELP

Sending three delegates to Africa for the ten-day conference will cost \$10-15,000. The Educational Foundation of America has provided CCC with a grant of \$5,000 specifically for this purpose. The Ahimsa Foundation has committed another \$2,000. With the help of our members, CCC is hoping to raise the remainder of the funds needed for this critical mission. Please add your voice to ours as we fight for the future of Caribbean hawksbills by making a donation to CCC's *Save the Hawksbill Fund*. Your gift will make a critical difference. You can use the return envelope enclosed in this newsletter. Be sure to earmark your gift to the *Save the Hawksbill Fund*. For more information or to make a credit card donation, please call (800) 678-7853. Thank you!

## "Nonsense" ESA bill introduced in the U.S. House of Representatives

Rep. Don Young (R-AK) and Rep. Richard Pombo (R-CA) recently introduced H.R. 3160, the "Common Sense Protections for Endangered Species Act" – or what environmentalists like to call the "Nonsense Protections Act." With 32 co-sponsors, the bill may gain legislative momentum.

A full House Resources Committee Hearing on February 2<sup>nd</sup> did not feature the pro-environmental "Endangered Species Recovery Act" (H.R. 960) introduced by Rep. George Miller (D-CA) with 90 co-sponsors. A side-by-side comparison shows the dramatic differences between the two bills.

H.R. 3160 essentially repeals the meaningful sections of

the Endangered Species Act. The low points include:

**LISTING:** The Young/Pombo bill would allow states to block additions to the endangered species list. For species native to a state, federal protection will no longer apply if the state has some semblance of a state ESA – even if it's like most state ESAs, unfunded and unenforced.

**CRITICAL HABITAT:** The Young/Pombo bill eliminates critical habitat designation. The bill adopts some of the

see *ESA Attack* on page 11



# Rescued green turtle survives to nest at Tortuguero beach

There is a famous fable in which a man scoffs at a little girl's efforts to rescue hundreds of mollusks cast up on the shore by a storm. To his question of what use it can be to attempt this infinite task, the child, who is returning a conch to the water, replies, "It matters to this one, sir." A recent event at Tortuguero bears out the wisdom of the fable and should give heart to conservationists that even small efforts to promote the recovery of endangered and threatened species pay off.

On July 20, 1995, Panamanian wildlife authorities (ANAM) confiscated a female green turtle from Ngobe Indian turtle fishermen offshore from Bastimentos Island National Marine Park in Bocas del Toro, Panama. The turtle had been illegally harpooned, and was being held upside down in a small cayuca, or canoe, with all four flippers pierced and tightly bound. At day's end it would have been carried to one of the



small villages in Chiriqui Lagoon where it very certainly would have been eaten.

But a different fate awaited. The wildlife officials confiscated the turtle because it had been caught illegally, and took it to researchers Drs. Anne and Peter Meylan who were carrying out a Wildlife Conservation Society-sponsored project on marine turtles at the nearby island of Zapatilla Cay. The Meylans examined the big female, and determined that although she had a significant harpoon wound in the front of her shell, the wound was not life-threatening. They filled the wound with an antibiotic salve and, in keeping with what local turtle fishermen do to prolong the life of captured turtles until they return from their fishing trips, they closed the wound with clean strips of cotton rags. A few measurements of the turtle were made, tags

were applied to the flippers, and the turtle was released that night under cover of darkness at Zapatilla Cay. The future for this turtle was uncertain. If the turtle lingered at the surface the next morning, one of the scores of harpoon fishermen that work these waters was sure to finish her off.

No news of the turtle was received until more than four years later, when she was encountered by CCC researchers on the nesting beach at Tortuguero, Costa Rica. On October 4, 1999, the



Dr. Anne Meylan

Ngobe Indian turtle fishermen return to shore in their small cayuca, or canoe, with turtles they harpooned during the day.

turtle nested at Mile 2 of the study beach and her tag numbers were read by researchers. October is very late in the nesting season, so it is likely that she had also nested earlier in the summer on portions of the beach that are not monitored. Green turtles typically lay several clutches of more than 100 eggs each nesting season. The distance from Bocas del Toro, Panama, to Tortuguero, Costa Rica, is only about 200 km, or 125 miles. But MY142 had probably traveled much farther in the intervening period. Most likely, she had spent time on foraging grounds off Nicaragua.

This turtle beat some difficult odds, and her eventual nesting at Tortuguero, and contribution to another generation of green turtles, make it clear that every conservation effort counts. ANAM's actions to stop the illegal harpoon fishery are especially important because the fishery in Bocas del Toro almost exclusively targets reproductive animals, both males and females. Requiring some 30 to 50 years to reach sexual maturity, these animals are the most important members if the population is to recover. 🐢

By Dr. Anne Meylan

*Anne Meylan, Ph.D. is a member of CCC's Scientific Advisory Committee and is a staff scientist with the Florida Marine Research Institute.*



*from Short Course on page 3*

Attendees included: **Isaias Majil**, park ranger at the Bacalar Chico Marine Reserve National Park, Belize; **Danny Rankin**, originally from Tortuguero, Costa Rica, now a fisherman in Limón and president of the Portete and Cieneguita (Limón) Fishermen's Association; **Wilson Reyes**, volunteer beach monitor at San Miguel Beach in Guanacaste, Costa Rica, for the Regional Sea Turtle Restoration Project; **Frida Stwolinsky**, social worker for the Fundación Mario Dary working at the Manabique Peninsula, Caribbean coast of Guatemala; **Hermann Dieseldorff**, university student and field work chief in the IUCN Mangrove Project, Pacific coast of Guatemala; **Samy Fonseca**, consultant and program coordinator for the environmental organization FUCAGUA in Trujillo, Honduras; **Juan Pablo Lino**, ranger coordinator for the environmental group PROLANSTATE in Tela, Honduras; **Bradford Deras**, boat captain, diver and volunteer with the Bay Islands Conservation Association in Utila, Honduras; **William McCoy**, fisher and data collector on the sea turtle



Sebastian Troëng orients the group of participants before a nest excavation exercise.

fishery, Pearl Lagoon, Nicaragua; **Winston Martínez**, sea turtle butcher and data collector on the sea turtle fishery, Puerto Cabezas, Nicaragua; **Raily Reynales**, síndico (elected community natural resource manager), from the Miskito village of Awastara, Nicaragua; **Melvin Wilson**, fishery inspector for the Ministry of Natural Resources, Tasba Paunie, Nicaragua; **Arcadio Castillo**, Kuna Indian researcher formerly with the Smithsonian Tropical Research Institute, now volunteering with the Kuna organization Fundación Osiskun, Kuna Yala, Panama; and, **Javier Lijo**, conservation official for Fundación PROMAR of Bocas del Toro, Panama.

Many of the trainees represented different stakeholder groups that are making use of the same populations of sea turtles, particularly green, leatherback, hawksbill and olive ridley turtles. The course afforded these individuals an opportunity to share their perspectives on conservation and use of these species.



Based on the population biology class taught by guest lecturer Cathi Campbell, participants evaluated the effectiveness of different management strategies using various candies to represent different turtle age classes in population modeling exercises.

The course consisted of lectures, hands-on techniques demonstrations, field work, group projects, trainee presentations, and visits to nearby points of interest. The trainees were introduced, many of them for the first time, to scientific methodology and field study techniques, use of population modeling as a tool to evaluate management strategies, use of computers for data management and as a means of accessing information from Internet sources, participatory education techniques, and ecotourism as a form of sustainable development.

Course evaluations indicated that the trainees were extremely satisfied with the organization of the course and the caliber and content of their instruction. Course exams provided at the beginning and end of the course demonstrated that there had been a high level of information assimilation by the trainees. 🌀

**Text and Photos By Cindy Taft,  
CCC Director of International Programs**



During a track survey technique exercise, a turtle that had been flipped by poachers and hidden in the vegetation was discovered. After the group examined her, the turtle was released unharmed.





from *Turtle Season* on page 5

CCC File Photo



CCC Research Coordinator Sebastian Troëng gives a presentation on sea turtle biology to a group of Tortuguero tour guides.

newspapers was quick to follow up on the tourism aspect and everywhere we now hear the popular slogan "a turtle is worth more alive than dead."


During the green turtle season, jaguars killed a minimum of 22 green turtles. Park rangers, tour guides, Tortuguero villagers and turtle taggers reported seeing tracks from jaguars and several sightings of individual female jaguars accompanying cubs were also recorded.

Although the jaguars were killing green turtles, illegal poaching was virtually non-existent once permanent park

ranger camps were established in July. Poaching did occur more frequently between March and June when enforcement efforts on the beach in the national park were scarce. While poaching was down, the occurrence of the disease Fibropapillomatosis was up from previous years. Just over 5% of the females inspected showed some level of the disease.

The number of visitors to the CCC Natural History and Visitors Center remained stable at above 20,000 tourists annually for the past three years, while the number of paying visitors to Tortuguero National Park increased significantly to 30,620 tourists for the first ten months of 1999.

The monitoring program continued until mid-November when the last marked nest had hatched and could be excavated. The results of this year's monitoring have been summarized in the season reports, which are being distributed to Costa Rican authorities and other interested parties.

For a more detailed description of the 1999 sea turtle programs at Tortuguero, check out the Notes From the Field section of the CCC webpage <<http://www.cccturtle.org/notes.htm>>. 

**By Sebastian Troëng, CCC Research Coordinator**

from *ESA Attack* on page 7

language found in the Endangered Species Recovery Act (H.R. 960). Under current law, U.S. Fish and Wildlife Service (USFWS) already lags behind in establishing critical habitat designations as required. A voluntary program would be even worse.

**FEDERAL PROJECTS:** Federal agencies could find many ways to duck endangered species protections under the Young/Pombo bill. By allowing agency core "missions" (such as damming rivers or renourishing beaches) to trump the ESA, the bill would remove most mitigation programs. USFWS would be hog-tied because it could only step in if it could prove that significant numbers of animals or plants would be lost. In addition, biologists would be hampered by strict requirements to keep economic costs to a minimum. With additional loopholes for "routine maintenance and operations" as well as speculative emergencies, the Young/Pombo bill would let many federal projects run amok.

**DEVELOPMENT PERMITS:** Habitat Conservation Plans (HCPs) cover millions of acres of endangered species habitat in this country. HCPs allow for development and

other habitat destruction in exchange for mitigation. The Young/Pombo bill would make receiving a HCP a lot easier. Public review would be discouraged, mitigation requirements would be tantamount to whatever the developer thinks is reasonable, and the permits would be locked, with no changes under any circumstances – for unlimited amounts of time.

**RECOVERY PLANNING:** Recovery Plans are currently supposed to set out the fastest, most reliable plan to achieve endangered species recovery. This would change under the Young/Pombo bill. Cost is the determining factor, and a group of economists, wise-use lawyers, and property owners with direct economic conflicts would make up the recovery planning team. Recovery plans could also be replaced by "functional equivalents" (such as giant HCPs) or could be administered by state government.

**APPROPRIATIONS:** To cap it all off, the bill authorizes dismal funding levels. Right now the agencies receive about \$200 million each year for endangered species protection – far below what is needed to implement the current Act. The

see *ESA Attack* on back cover

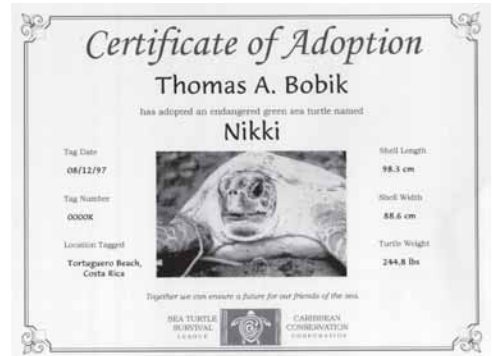
## Adopted turtles of CCC members nest at Tortuguero in 1999 season

From July to September each year, Caribbean Conservation Corporation researchers and program participants tag and collect data on the green turtles that nest on the beaches of Tortuguero, Costa Rica. To help fund this important research, each tagged turtle is available for adoption with a \$25 contribution (\$35 outside of the U.S.). One of the goals of the Adopt-A-Turtle program is to keep adoptive "parents" informed when their adopted turtles turn up in Tortuguero.

During the 1999 tagging season, 41 of the thousands of green turtles that came ashore to nest had been adopted by our members. The turtles (identified by tag number) that came ashore were:

No. 17035, adopted by **Laurel Peterson**  
No. 30319, adopted by **Kate Wickham**  
No. 34441, adopted by **Jessica Czajkowski**  
No. 38817, adopted by **Kaity Palmer**  
No. 39749, adopted by **Nicholas Deprez**  
No. 46088, adopted by **Elena Daelli**  
No. 46229, adopted by **Beryl Wade**  
No. 53731, adopted by **The Ewing Family**  
No. 54751, adopted by **Dafna Rothschild**  
No. 59052, adopted by **Leah McCloskey**  
No. 59056, adopted by **Barbara Born**  
No. 59063, adopted by **Mrs. Prchal's Science Class**  
No. 59152, adopted by **Ann Douglass**  
No. 59391, adopted by **Geoff Houghton & Caressa Gullickson**  
No. 59472, adopted by **Maggie Hamilton**  
No. 59506, adopted by **Jennifer Landry**  
No. 59567, adopted by **Terri Mitchell**  
No. 59646, adopted by **Jo Ellen Williams**  
No. 70628, adopted by **Oralia Zuniga-Briggs**  
No. 70696, adopted by **Andrea Ferguson**  
No. 71209, adopted by **Beatriz Martin**

No. 71297, adopted by **Claudia Jenni**  
No. 71341, adopted by **Geoffrey & Maureen Wicks**  
No. 71443, adopted by **Victoria Goodwin**  
No. 71615, adopted by **Jennifer Rutkowski**  
No. 72042, adopted by **Ruthanne Ross**  
No. 72147, adopted by **Brittney & Matthew Acel**  
No. 72331, adopted by **Danielle Flareau**  
No. 72393, adopted by **Gary Hart**  
No. 72500, adopted by **Matthew Rochell**  
No. 72565, adopted by **Taka Holmes**  
No. 72655, adopted by **Susan Tertell**  
No. 72795, adopted by **Carolyn Szabo**  
No. 73209, adopted by **Tammy Eby**  
No. 73450, adopted by **Virginia Fischer**  
No. 73550, adopted by **Abby Martin**  
No. 73832, adopted by **Cora Chisholm**  
No. 74100, adopted by **Manary Family**  
No. 74125, adopted by **Nico Beccalli**  
No. 75166, adopted by **Pamela Winn**  
No. 75419, adopted by **Christopher Gibbs**



We also have good news for our members who adopted Myrtle, a green turtle available for adoption in our 1994 adopt-a-turtle program. Myrtle was also spotted nesting at Tortuguero in 1999.

Since sea turtles only nest every two to three years, we don't expect to see these particular turtles again in Tortuguero for awhile. *To learn more about the Adopt-A-Turtle program or to adopt a turtle for yourself or as a gift, please call 1-800-678-7853.* 🐢

## The Sea Turtle Survival League to promote coastal awareness in five Florida counties!

The Sea Turtle Survival League will begin a Sea Turtle and Coastal Awareness Campaign incorporating the successful "Do Not Disturb" Door Hanger Tags that were distributed in Palm Beach County in 1998. The campaign will help promote a greater understanding of the relationship between inappropriate development in five of Florida's coastal counties and the loss and degradation of both the coastal dune ecosystem and sea turtle nesting habitat.

Florida's natural coastal regions are being put under more and more pressure as the population in coastal cities and towns continues to grow in size and requires additional resources. Coastal areas contain

some of the most fragile ecosystems in Florida and provide habitat to many threatened and endangered animal species.

STSL will be working with the Sea Turtle Preservation Society in Brevard County, Turtle Time, Inc. in Lee County, Anna Marie Island Turtle Patrol in Manatee County, Mote Marine Laboratories and Coastal Wildlife Club, Inc. in Sarasota County, and the Volusia Turtle Patrol in Volusia County.

The campaign will produce educational materials and initiate a "coastal friendly" awards program for the five counties. For more information about the awards program, please contact Dan Evans at [drevans@cccturtle.org](mailto:drevans@cccturtle.org) or call (352) 373-6441. 🐢





# THANK YOU!

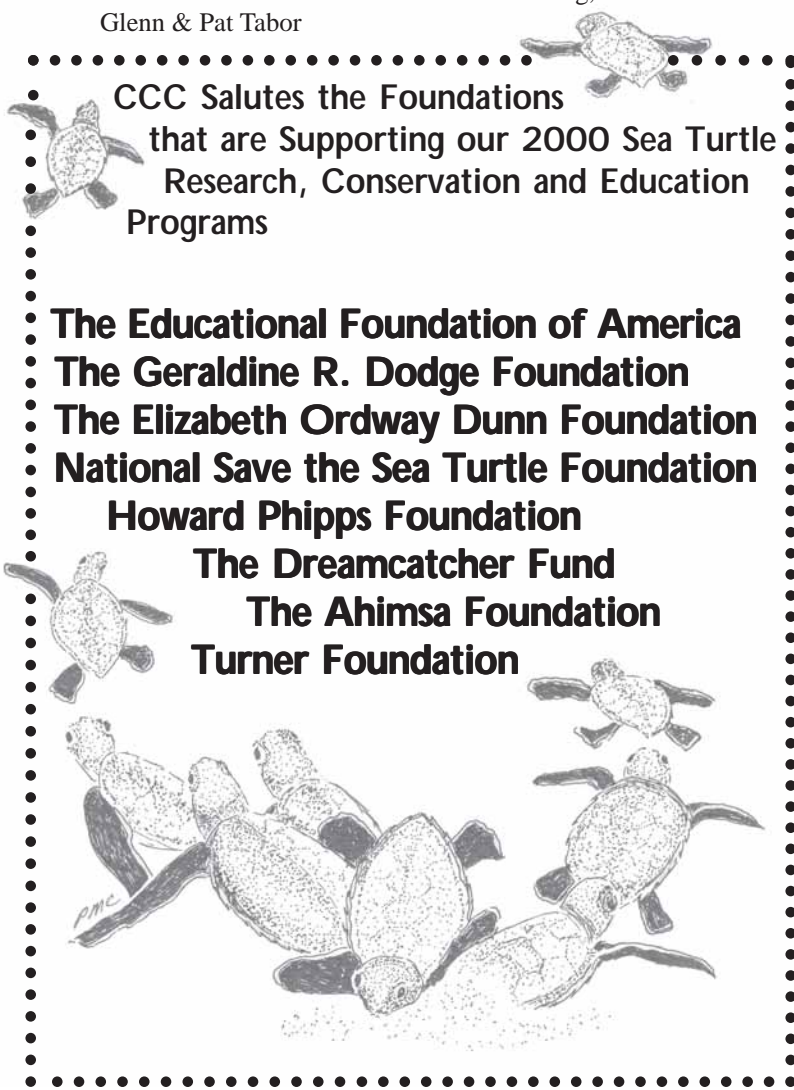
Our warmest thanks go to the following who recently gave generous donations of \$100 or more through January 31, 2000.

Samy Alice  
Antonio Alvarez-Garriga  
John Ames, III  
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Avery Badenhop  
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Georg Breny  
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M.B.S. Gray  
Gordon Greenwood  
Lynn Guinn  
Maureen Hackett  
Mary Hanse  
Douglas Hart  
Margaret Hayllar  
Deborah Hebblewhite  
Kellie Hedrick  
Hilburn Hillestad  
Glen Holman  
Robert House  
Liliane Kaser &  
Jürgen Müller  
Carol Katterjohn  
Peter Kilkus  
Rex Parker &  
Carol Kleis  
Anthony Knerr  
Richard Kreitman  
Bonnie Kuechenmeister  
Matt Kurbat  
David & Debra Lachter  
Sharon Larson  
Geoff Lawhorne  
A.J. & Perky Lewis  
Alyce Lindahl  
Margaritaville  
RaeAnn Marshall  
Joe Martinez  
Mindy Martz  
Martina Masterson  
Curt & Elizabeth  
Matlin  
Eric & Carolien  
Maynard  
Carmel Mc Gill  
John McBride  
Patricia McCuen  
Michael Meeks  
Jean Messex  
Ann Miller  
Karen Moyer  
Casey Musselman  
Marie Nitke  
L. Grant Peeples  
Colin Phipps  
Jeffrey Phipps

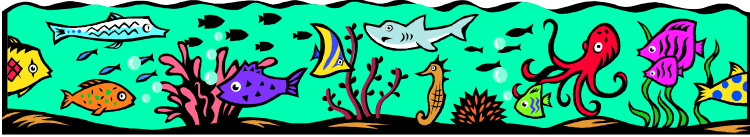
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Linda Radosevic  
D. Riefler  
Lynn Regnery  
Beverly Rockhill & Joseph  
LoBuglio Lobo Fund  
Charles Salter  
Ugo Sap  
Warren & Virginia Schwerin  
Pearl Seidman  
Nancy Shy  
Carrie Silvestri  
Richard Smith  
Allison & Emily Steen  
Catharine Stimpson  
Joanna Sturm  
Barry Sullivan  
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Glenn & Pat Tabor

Dale R. & Winifred W. Taft  
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Walter Thompson  
Asheton Toland  
Connie & Ted Torrance  
Charles & Pam Trippe  
Gladys Trzcinski  
Leah Trzcinski Martineau  
Nina Tsung (6T Homeroom)  
Jeffrey Urstadt  
Luise Walker  
Robert David Waltz  
Heidi Weber  
John Weeden  
David Welles  
Eddie White  
Lori-Anne Williams  
John & Cindy Willis  
Wayne Winkelman  
Joyce Taylor Wood  
C. Martin Wood, III  
Robert Worth  
T.R. Young, III



CCC Salutes the Foundations  
that are Supporting our 2000 Sea Turtle  
Research, Conservation and Education  
Programs

**The Educational Foundation of America**  
**The Geraldine R. Dodge Foundation**  
**The Elizabeth Ordway Dunn Foundation**  
**National Save the Sea Turtle Foundation**  
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**The Ahimsa Foundation**  
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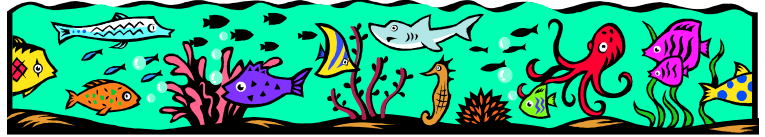


# CCC New Members and Renewals

7th Grade Science Students at Hardin Park School	Peggy Brennan Tim Brennan	April Crowe Diane Crowley	Nicholas & Christine Evans Django Bob Evans	Jim Good Jack Goodwin	Alex Hirsch Bob & Mary Jo Hirsh
Paul Adams	Maddie Brewer	Phillip Cushman	Elisha Fair	A. Clay Gordin	Laurel Hislove & Fred Pecchia
Brad Adams	Todd Brewer	Nancy Cuthbertson	J. Henry Fair & Helene Grimaud	Audrey Gould	Diddy Hitchins
Muriel Allsopp	Evan Brewer	E.N. Cutler, III	Ashley Falk	Melissa Govella	Caroline Hodgins
Alpha Mu Gamma at WV State College	Mike Bristow	Julian Cutrone	Bernard Fanning	Urs Graber & Isa Kissling	Mr. & Mrs. Edwin K. Hoffman
Alpha Zeta of Zeta Beta Tau	R. Broadbent	David Cutrone	Chris Faria	James Graham	Mitzi Hole
Miss Alvitre's Third Grade	Candace Brock	Michael Cutrone	Dylan Farrow	Gary & Carol Grametbauer	Carson Holler
Mary Anderson	Bryan Brooks	Randall Cygan / Donna Skeels	Laura Feakes	Hank Granger	Steven Holt
Barbara Anderson	Catharine Brosman	Ed Czenkusch	Phoebe Felen	Joan Grass	Heather Honiss
Amy Anderson	Laura Brossette	Karyn Dagenais	Robert Fenyo	Roberta Gray	Kazuo Horikoshi
Ursula Anderson	Edith Broughton	Becky Dal Porto	Sam Fernald	Lori Green	Linda Horton
Kevin Andrews	Alice Brown	Warren Dale	Jocelyn, Ricky, & Walter Ferrell	Carol Greene	Laura Horton
James Anthony	Kirby Brown	C. Daly	Beverly Fink	Rachel Greene	David Houck
Sherry Bruner	Sherry Bruner	Wally & Louisa Daniels	Jeffrey Fischer	Ms. Griffin's 2nd Grade	Caroline Howard
Carmela Brunner	Carmela Brunner	Patricia Danielson	Reed & Brittany Fischer	Arthur Grimes	Mr. & Mrs. Allen Howland
Shirley Brunson	Shirley Brunson	Tomas Darell	Sarah & Yannick Fischer	Rebecca Grimm	Nicole Hrobak
Robert Bryant	Robert Bryant	Frances Dattilo	Robert Fishman	Janice Gritz	Charles Hubschmied
Ted Buettner	Ted Buettner	Kathryn Davis	Janice Fiske	Farryl Groder	Neil Hughes
Cynthia Bugg	Cynthia Bugg	Nancy Davis	Wyatt Floerke	Tom & Francesca Groen	Felicity Hulme
Brian Bulko	Brian Bulko	Gretta Davis	Floorij Dassing - Down Under	Aaron Simon Gross	Kristin Hunter-Thomson
The Burchills	The Burchills	Madeline Davis	Frank Flynn, Jr	William Grow, Jr.	Rachel Hutchinson
Lacey Burkhart	Lacey Burkhart	Olivia Dawson	Brent Fogel	Lisa Guay	Frederick & Joan Hutto
Sierra Bustya	Sierra Bustya	The Dawson Family	Brian Fogel	Valeria Gubenko	Courtney Hyde
Matt Buwingham	Matt Buwingham	Rob De Brie	Bruce Fogel	Sharon Guess	Ximena Roca Iborra
Alex & Jon Buzby	Alex & Jon Buzby	Anne De Vore	Sue Foldy	Steven Guichard	Natschl Inge
Rebecca Byerly	Rebecca Byerly	David & Alisa Dean	Josef Foote	Gulliver Academy	Judi Thomson Inks
Rebecca Byrd	Rebecca Byrd	Sue Deaton	Lee Ann Forrest	Laurie Gumuchian	Ms. Iosue's Class
Michael Calva-Despard	Michael Calva-Despard	Hannah Deegan	Fiona Forster	Daniela Hadden	Kanae Ito
Denise Calvert	Denise Calvert	Tess Deegan	John Foulk	John Hahn	Ami Iwase
Brittany Calvert	Brittany Calvert	Briana DeFilippis	John Fowle, DDS	Mr. & Mrs. Stephen C. Hale	Edmund Jackson, Jr.
Diane Campbell	Diane Campbell	Kara DeFilippis	Norma Fox	Kathleen Hall	Jacques Jacobson
George Campbell	George Campbell	Claire Del Vecchio	Michael Franco	Linda Halle	Elliot Jacobson
Mrs. Carbaugh's Class	Mrs. Carbaugh's Class	Barbro Delin & Larz Odergard	Mike & Lisa Franco	Thomas Hollowell	Ester Jak
Mary Lou Carney	Mary Lou Carney	F.S. Dellenbaugh, III	Nathalie Frangi	John & Rita Hannah	Jefferson School
Robin Carpenter	Robin Carpenter	Michael DeLoye	Michael Frazier	Jennifer Hanson	John Ball Zoo School
Helen Carr	Helen Carr	Christian DeMersman	Garrett Freebury	Masako Hara & Jeff Langdon	Rainforest 1999
Robin Carrier	Robin Carrier	Crystal Denny	Janie Freeman	Katherine Harding	Ed Johns
Jamie Case	Jamie Case	Denise DeNote	Ms. Freund's 8th Grade	Lisa Harding & George Stephens	Patty Johnson
Sandra Cawley	Sandra Cawley	Irene Derry	Home Room	Alisa Harding Stein	Linda Johnson
Ellen Chabot	Ellen Chabot	Marilyn DeRydt	Sandra Fricke	Christine Hardman	C.A. Jones
Lorna & David Chang	Lorna & David Chang	Anthony DeVito	Suzy Fried	Mrs. Hardy's 3rd Grade Class	Jonsey Jones
Heather Chapman	Heather Chapman	Krystal Devoe	Debbie Fried	Matthew Harkrader	Mark Harrell
Sandra Chappell	Sandra Chappell	Ayesha Dhadda	Michael Fried	Mark Harrell	Mary Harrison
David Charlton	David Charlton	Michael Dieter	Leslye Friedrich	Harrison Resources, Inc	Gary Hart
Brian Charlton	Brian Charlton	Russell Dieter	Karen Furnweger	Dee Hartman	Stephen Hartnett
Jessica Charlton	Jessica Charlton	Elissa Dietsche	Barbara Fyock	Ronald Hatten, Sr.	Sydney Hauser
Michael Charlton	Michael Charlton	Dolphin Team	Joe & Joanne Gabel	Diane Galaty, Dickinson	Devin Hauser
Jonna Chewning	Jonna Chewning	Wendy & Dave Donovan	Albert Gabriel	School	Jane Hawkins
Joanne Chiavacci	Joanne Chiavacci	Joe & Sue Dostal	Diane Galaty, Dickinson	Brian & Nancy Gallery	Galvin Children
Brittany Chinchilla	Brittany Chinchilla	Mia Dougherty	School	Marie-Claude Gareau	Brittany Garrity
Eric Chinchilla	Eric Chinchilla	Jill Dreisilker	Brian & Nancy Gallery	Irene Gary	Elodee & Larry Gates
Patricia Chrisman	Patricia Chrisman	Mary Kay Dreisilker	Galvin Children	David Gaudioso	Mary Gaudioso
Ronald & Cynthia Christen	Ronald & Cynthia Christen	Kristen Dreisilker	Marie-Claude Gareau	Paul Gefken	Gail Genson
Tyler Christian	Tyler Christian	Kelly Drinnen	Brittany Garrity	David George	Belinda Germeraad
Brian Cipar	Brian Cipar	Bill Drollinger	Irene Gary	Beth Getchell	Beth Getchell
The Cipar Family	The Cipar Family	Eleanor DuBois	Elodee & Larry Gates	Andrea Giannini	Maxfield Gibbons
Marty & Heather	Marty & Heather	Andre DuBois / Alexa Perotti	David Gaudioso	Elsie Gibson	Lauralee Gibson
Cipar-Myler	Cipar-Myler	Marcia Dunning	Mary Gaudioso	Lauralee Gibson	Geoffrey Giller
Taylor & Loren Clark	Taylor & Loren Clark	Tom Durante	Paul Gefken	Wendy Gillespie	Wendy Gillespie
Liz Jennings Clark	Liz Jennings Clark	Emily Echols	Gail Genson	Girl Scout Troop 512	Girl Scouts of
Ryan Clark	Ryan Clark	Eric Edelmann	David George	Peninsula Waters	Imagene Gladden
Jennifer Clark,	Jennifer Clark,	Gordon Edert & Kerstin Lehmann	Belinda Germeraad	Ms. C. Glaser	Ms. C. Glaser
Clarendon Park	Clarendon Park	Lauren Edrington	Beth Getchell	Lauren Glass	Mrs. Glassmith's 3rd Grade
Meg Clifton	Meg Clifton	Blake & Vanessa Edwards	Andrea Giannini	Mrs. Glassmith's 3rd Grade	Paul Glassner
Wendi Lee Clure	Wendi Lee Clure	Stephanie Edwards	Maxfield Gibbons	Bill Glynn	Alena Gold
Karen Coats	Karen Coats	Sandra Ehni	Elsie Gibson	Alan & Jill Goldie	Dorothy Goldfarb
Derek Cocovinis	Derek Cocovinis	Elizabeth Eiseman	Lauralee Gibson	Kip Goldsberry	Peter Goldsmith
Michael Colby	Michael Colby	Cameron Eiseman	Debbie Henderson, Ada Park	Amy Gonzalez	
Caroly Cole	Caroly Cole	Caroline Elbert	Louisa Henry		
Colegio Internacional SEK	Colegio Internacional SEK	Laura Ellermeyer	George & Gitte Henschel		
Ms. Collerton's 2nd Grade	Ms. Collerton's 2nd Grade	Jeremy & Jill Ellermeyer	Bob Herich, Dunham Park		
N. Tyson Colman	N. Tyson Colman	Timothy Elliott	Pamela Hester-Morant		
Zachary Travis Colman	Zachary Travis Colman	Betsy Powell & Ken Ellis	Linda Heuertz		
Lindsay Combellick	Lindsay Combellick	Martha Ellis	Fred Hickson		
Dorothy Conklin	Dorothy Conklin	Brenda Ellwell	Stephanie Hiebert		
Joan Cook	Joan Cook	Karen Engeseth	Richard Hiers		
Karen Cooper	Karen Cooper	Elaine Engst	The Higbees		
Michael Corbett	Michael Corbett	David Enloe	Barbara Higgins		
Phyllis Corcacas	Phyllis Corcacas	Pellizzer Enrico	Amanda Higgins		
Sari Braderman	Sari Braderman	Environmental Club, New Oxford High School	Emily Higginson		
Scott Bradley	Scott Bradley	Shabnam Erfani	Jennica Hill		
Ann Brambl	Ann Brambl	Jay Ervin	Jean Himes		
Gian Branschi	Gian Branschi	Laura Estep	Brittani Hinman		
Robert Bransley	Robert Bransley		Brent Hire		
Bob & Kathy Braun	Bob & Kathy Braun				
Michael Breen	Michael Breen				



# November 1999 through January 2000



Valeria Kremser	Katharina Mehr	Lette Pascoe	Lyssa Rosenberg	Zachary Smith	Sonya Valencia, Bessemer Pk
Becky & John Kritzer	Ronnie Mello	Barry Paterno	Louise Rosenfeld	Dawna Smith	Anna Claire Vallery
Melanie Krob	Thomas Merrick	Carol Patterson	Heather Rosenstein	Gerard Smith	Mrs. Valz's 7th Grade Class
Nancy Kromray	Coles Merrick	Shirley Paul	Johnson Rosenstrach	James & Ronnie Smith	Natasja Van Kessel
Lynn Kroner	Lindze Merritt	Katie Pavelka	Gail Ross	Sue Ellen Smith	Ria Van Soestbergen
Chelsea Kryder	Lennart Mertens	Gordon Pearce	Nancy Ross	Richard Smith Jr.	Devan Renee Vandergrift
Jacqueline Krystek	Teresa Meskill	Judy Peavyhouse	Dean Rouse	Mrs. Soderquist's 3rd Graders	Judith Vanderveer
Michele Kuchel	Cora Metivier	Missy Peden	Marty Rouse	Bill Soinski	Leellyn Vasquez
Caryn Kuehl	Stacy Meyers	Freda Perrotta	Alison Rubin	Carrie Somers	Mrs. Ventresco's 3rd Grade
Silka Kunzmann	Al & Mary Michael	Scott & Cole Perry	Mrs. Ruggieri's Third Graders	Ann Somers	Helene Victor
Zandra LaBarge	Connie Michaels	Lisa Perry	Yvette Ruiz	Susan Sommerville,	Eva Vögeli
LAM Club	Ann Miller	Steve Pesick	Laura Runge	Littlewood Elem School	Amy Voight
Betty Landers Bashaw	Mrs. Miller's Third Grade	Heidi Petach	Julie Russ	Janet Soren	Kathy Voltz, Archer Park
Courtney Lang	Rebecca Evans Milstien	Steven Petersen	Laurie Ryan	Daniel Spak	Craig Wacker
Langager	Robert Mimeault Family	Linda Peterson	William Ryan	Rebecca Spear	Beryl Wade
Robert Langbauer	Peter & Bonnie Minkler	Lesley Petrik	Holly Ryan	Anne Spierling	Kevin Wade
Marlissa Leavitt	Mareike Minnet	Pete & Nanci Pettersen	Jeremy Ryckman	Michael Spillers	Joe Wade
Burton Lee	Mission Trail Elementary	Victoria Phucas	Aaron Joseph Sabin	Michael & Allison Spontak	Oakleigh Waits
Alyssa Lee	Mrs. Mitchell's Third Grade	Marcia Pickering	Tom Sadowski	Kay Spriggs	Bob Walker
Arthur Lewis	Marion Moelter	Anna Pickering	Lud Saha	Mary Ellen Staab	Mr. & Mrs. Webster
Jody Lewis	Sheryl Moinat	JJ Pigeon	Mikal Salahuddin	Cathy Stadlin	Walker, Jr.
Nina Lewis	Diane Molkup	Tamorra Pinkston	Delores Salinas	Sandy & Esther Stadler	Margaret Wallhead
Amanda Lewis	Barbara Monkman	Danny Pollock	Angela Sallis, Don Nash	Steve & Janie Stancyk	Mason Walsh, Jr.
Mina Libby	Rick Monkman, Robbie &	Kalyna Pomirko	Community Ctr	Matthew Stanger	Sandy Walter
Annie Lieb	Dave O'Connell	Lauren Poppel	James Samuel	Jesse Stanley	Larry Walton
Joshua Ligosky	Sandra Montague	Alexander Pose	Ann Sanalistro	Frank & Andrew Steier	Jolene Walton
Allison & Stacey Lipka	Quinn Moore	Stephanie Pose	Karen & Mark Sanders	Mary Lou Steponaitis's	Kalani Wannomae
Jonas Lobe	Tina Moore	Ashley Pose	Candy Sue Sanders	Classroom	Margrit Waser
Mrs. Lock's Science Students	John Moore	Kristin Pose	Randell Sanford	Kyle Stevens	Harold Watanuki
Laura Lohmann	Emily Moore	Faun Potjer	Christine Saunders	James Stevenson	Cassandra Watkins
Kristen Long	David Moore	Rayburn Powell	Tamara Schafroth	Michael Steward	Suzanne Watkins-Martinez
Juergen Lorenczyk	Karen Kargianis Moran	P.J. Powell	P.J. Schembri	Jennifer Stich	Kristen Watson
Amy Lowder	Laura Vila Moreno	Powell Family	Matthew Schembri	Jack Stine	Janet Weber
Liane Lucas	Margarita Morera De La Vall	Thomas Powers	Anthony Schembri	Holly Stipe	Elaine Weber
Nicole Luecker	Martha Morris	David H.F. Pragoff	Jillian Schembri	Zoe Ann Stivers	Webster School
Walter & Joan Luikart	Phoebe Susan Morris	Gregor & Tatjana Prentl	Janice Schlegel	John & Amanda Stockton	M.K. Wehner
Jessica Lukas	Henry Morris	Bob Prescott	John Schlosser	Sheena Stoddard	Charles Weis
Ken & Carol Luther	Paula Elis Morris	Lisa Price	Alex Schmidt	Mauri Stott	Harry & Giselle Wenban
William Lynn	Gage Morrison	Anne-Marie Priebe	Christine Schmidt	Rick Stow	Joerg Werner
Nancy & Jayson Lynn	Erinn Morse	Kenneth Probst	David Schmidt	Daniela Streicher	Melissa Wesenberg
Pierre MacKay	Gary Mueller	Penny Purtzer	Faye & Bill Schnedder	Bernadette Stremikis	Ken & Nancy Wessel
Madeira Beach Middle School	Michael Muldrew	Marjorie Putman	Colleen Schneemann	Student Chapter of the	Virginia Wetherill
Robert Madsen / Andrea Park	Lou Ann Murphy	Caryn Putra	Kael Schreiner	Wildlife Society, UF	Caroline Whalen-Strollo
Anthony Magliero	Mary Murphy's 3rd Grade	J. Pynenbun	Sue & Kevin Schreurs	Peter Studer	Miki White
Laura & Hal Mahon	Dorothy Murray	Carol Quinn	Zachary Schroer	Sally Suckow	Sandy White
George Maker	Jim Murray	Jean & Lauren Rachlin	Frannie & Margaret Schultz	Sheldon Sugden	Barbara White-Spunner
Helen Maki	Jeff & Diana Muscat	Wayne Radford	Denise & Tom Schultz	Barbara Sutphen	Ekavi Whitlock
Christine Mallar	Mr. & Mrs. Myers	Andrew Radolf	Addie Mae Schulz	Eric Shawn Swander	Erin Wiedower
Elizabeth Maloney	Patricia Nace	Tony Ragan	Eva Schwirtz	Tom Sweitzer	Volker Wielgoss
B. J. Maloney	Bailey Nagel	C.T. Ralston	Jennifer Scott	Karen Campbell Swift	Leona Wilhelm
Manary Family	Beth Nation	Mary Ratnaswamy	Diane & James Scott	John & Zachary Szasz	Glenda Wilkinson
Marcia Mandel	Denell Nawrocki	Kathern Rawlinson	2nd Graders Huntington Elem	Alex Sze	Julia Will & Darryl Wolford
Nancy Mann Sanson	Paul Needham	Nancy Rawson	A.G. Terry Shaffer	Donald Tabler	Kathleen Willett
Katie Manning	Sherry Nelson	Cynthia Reardon	Ms. Shaffer's Class 1999/2000	Mrs. Talley's 3rd Grade Class	Thomas Willett
Bryan Manning	Donna Nelson	Rebecca	Morgan Shaffo	Deandra Tan	Kristi Williams
Reinhard Marek	Penelope Nelson	William Reese	Allison Shanahan	Stefanie Tarner	Jill Williamson
Spencer Markell	Chris & Laurel Neme	Michelle Reesman	Jim & Mitzi Shank	Tom & Kathy Taylor	Mark Williamson
Karen & John Markham	Neuteboom	Richard Rege	J. Brian Sheedy	David Taylor	Elaine & Tom Wilmers
Robert Markow	Nathan & Amy Newbury	John Regnery	Judith Shematek	Lindsey Taylor	Kaitlin Wilson
Janet Marsh	Mrs. Newsom's 3rd Grade	Mr. Reid	Kurt & Theresa Sheppard	Mr. Taylor's 1st Period Class	Carol Wilson
Joy Martin	Brent & Tasia Newton	John Reinhardt	Christine Sheridan,	Mr. Taylor's 3rd Period Class	Petra & Holger Winkler
Dennis & Patricia Martineau	Robert Nicholas, III	Willis & Catherine Reitz	Unity School	Mr. Taylor's 4th Period Class	Michele Winkler
Valerie Martineau	Brady Nicholson	Tammi Remsburg	Chuck & Laura Shifflett	Mr. Taylor's 6th Period Class	Susan Winkler
Emily Martinelli	Ginger Nielsen	Zantedeschi Renata	Max Showalter	Leilani Tedeski	Pamela Winn
Charla Mathwick	Diana Niskern	Amy Rewick	Katie Shulztski	Ms. Terry	M.E. Wipperman
Curt & Elizabeth Matlin	Becca Noland	Christine Reynes	Arundel Silk	Marcie Terry	Andy & Betsy Witthohn
Ed Mawhinney	Shannon Renee Nolph	G.R. Reynolds	Drew Silver	Philip Terry	Don Erik Wolff
Arthur Mayfield	Stephen Nordlinger	Shirley Reynolds	Kimberly Simmons	Donna Thaggard	John Luke Wolff
Alexander McAnulla	Tara Marie Noyes	Peg Rezac	Michael & Jessica Simon	Susan Thomas	Stephen Wright
Catherine McBride	Suzy Oakley	Antia Richards	Kathy Simon	William Thompson	Emma Wright
Linda McCaig	Ms. Oakley's Kindergarten	Douglas Richardson	Sharon Sinton	Dennis Toll	Bryan Wright
Erin McCarthy	Ocala Parrot Head Club	Taylor Rikhoff	Wendy Siwec	Stasha & Melissa Tomerlin	Sharon Wyckoff
Cordelia McCuaig	Willett & Emily O'Dell	Frank Riordan	Harv & Sunny Sjaarda	Les Tomlin	Jeanette Wyneken
Sara McCutchen	Gordon Ogram	C.M. Ritchey	Kirstin Skaar	Matthew Tooley	Carmen Yacobucci
Sarah McDermott	Larry Ogren	Bayard Robb	Troy Skoog	Rodrigo Limon Torres	Akio Yamamoto
Kay McGinn	Sheila O'Keefe	Hallie Robbie	Kathy Skutecki &	Yen Tran	Susan Mary Yates
Gary & Nancy McGraw	O'Leary Family	Kadee Roberts	Dave Wargula	Nancy Traver	Bruce & Deb Yockey
Rebecca McKee	Shaun O'Neil	Lee Robertson	Molly & Benson Sloan	Mike & Joyce Tricarico	C.J. Young
Maureen McLarney	C. Oohm / H. Van Bergen	Valérie Robin	Steve Slocum	Laura Trombley	Bob & Christi Zay
Nancy McLarty	Paula Ousley	M. Robinson	Burt Slotnick	Dale & Elaine Trowbridge	Jackie Zimmerman
Julia McLeod	Sara M. Oyster	Sabrina Rocha	Terry Small	Terry Truxler	Alice Ziolkowski
Christine McNeil	Emily Pack	Carol Roffman	Judy Smith	Bill Trzcinski	
Erin McQuain	Kris & Virginia Pagenkopf	Christy Rogers	Gordon Smith	Lauren Tupper	
E.J. McWhorter	Lori Ann Palisi	Jackie Rogers	Lauri Smith	Patricia Turchi	
Ms. Mead's 6th Period	Susannah Parker	Amy Rohrbach	Robert Smith	Fran Twomey	
Matthew Meeks	Debi Parks	James & Sandra Romansky	Elizabeth Smith	Margrit Tydings-Petrie	
Michael Meeks	Danny & Debbie Partin	Mark Romer	Brittney, Amanda &	Donna Utakis	

from *ESA Attack* on page 11

Young/Pombo bill would authorize less money to cover more endangered species and more bureaucratic requirements.

PLEASE contact your Representatives and Senators through personal meetings, letters, e-mail, or phone calls. Ask them to oppose the "Nonsense Protection Act" (H.R. 3160) and to support the Endangered Species Recovery Act (H.R. 960). Here are addresses and phone numbers you'll need:

**Capitol Switchboard, where you can reach the office of any member of Congress: (202) 224-3121**

Addresses for members of Congress:

**The Honorable (insert first and last name)  
United States House of Representatives**

**Washington, DC 20515**

**The Honorable (insert first and last name)  
United States Senate  
Washington, DC 20510**

Not sure who's your Representative or Senator? Want to find out if they have E-mail? Contact information for Representatives can be found on the CCC web site at <http://cccturtle.org/act-now/house.htm> and for Senators at <http://cccturtle.org/act-now/senators.htm>.

For more information on this issue, please contact Dan Evans at [stsl@cccturtle.org](mailto:stsl@cccturtle.org) or (352) 373-6441.

*Information contained in this Action Alert was adapted from an action alert prepared by the Endangered Species Coalition. For more information about the ESC call (202) 682-9400 or e-mail [esc@stopextinction.org](mailto:esc@stopextinction.org).*



# Adopt-A-Turtle for Earth Day



Adopt an endangered sea turtle as a unique gift, and support CCC's work to preserve a little "Piece of Earth" for these ancient creatures.

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