

Sanctuary Celebrates Expansion

By Elaine Friebele

If ospreys, turtles, and striped bass could read newspapers, they'd likely rejoice over the news that Jug Bay Wetlands Sanctuary has just doubled in size. Standing at historic Pig Point, where Patuxent River steamboats once took on passengers and cargo, Governor Parris N. Glendening announced the state's purchase of a 615-acre tract of land adjacent to Jug Bay Wetlands Sanctuary. The property, which is home to a diversity of plants and animals and the remains of a Native American fishing village, extends from Wrighton Road to Maryland Route 4 and from Plummer Lane to the Patuxent River (see map). With the addition of the \$4.3 million purchase, all the land on both sides of the river—from Route 4 to the Calvert County line—is protected from development. Hundreds of acres of wetlands within the preserved land parcel are crucial to improving water quality of the Patuxent River and, combined with woodlands farther inland, provide essential habitats for many important species.

The land, owned by Georgia developer Jim Jacoby, could have become an expanse of manicured lawns punctuated with large homes and crisscrossed by suburban roads. A planned retirement home bordered by an asphalt parking lot would have housed hundreds of occupants. However, Jacoby was willing to consider greener options. "This land is a gem," said Jacoby. "I am pleased to be able to work with the state and local government to make [preservation] happen."

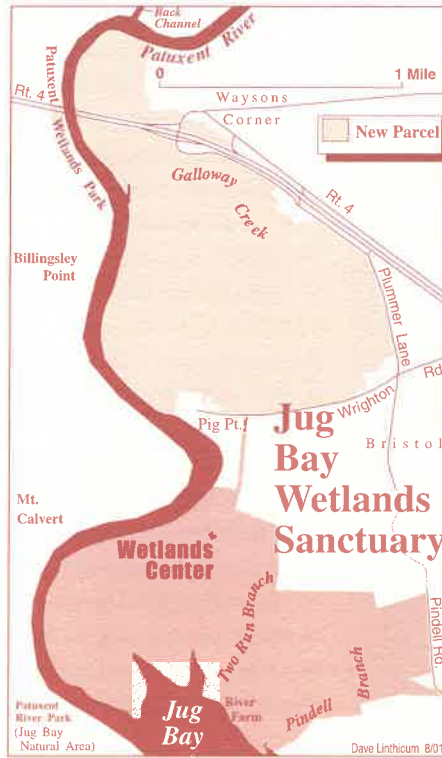
For several years, Anne Arundel County Executive Janet S. Owens negotiated with the state to obtain funding to buy the property and enlarge the Sanctuary. Last year, Owens pledged that the county would pay

one-third of the cost of acquiring the land if the state paid the remainder.

Fortunately, state officials ranked the land among the state's most environmentally sensitive parcels under the governor's new Greenprint program, approved and funded by the legislature this year. Within the Greenprint system, "hubs" of 100 acres or more are connected with "links," stretches of green space at least 1,100 feet wide to provide habitat for wildlife migrating among the larger parcels.

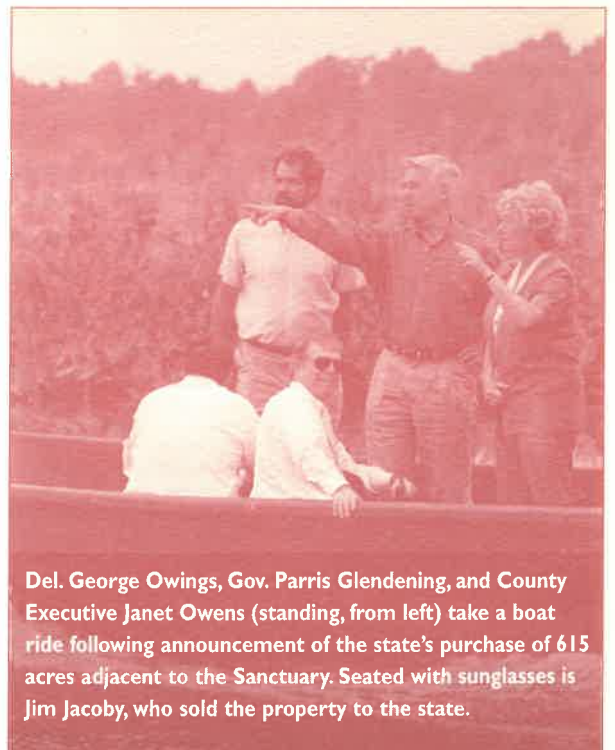
Eventually, the land will be turned over to Anne Arundel County, which will manage the property as part of Jug Bay Wetlands Sanctuary. Until public meetings are held and the county develops a plan for the property, its uses remain to be determined.

In the meantime, Sanctuary friends, volunteers, and staff are celebrating this conservation victory. (See Founders and Futures Celebration on Sunday, October 27, page 8).



Near-future Look of Jug Bay Wetlands Sanctuary (Map by David Linthicum)

Contents	
Letter from FOJB President	2
Estuaries Day.....	3
Events	4/5
Teen Adventure.....	5
Patuxent Sojourners...	6
New Species.....	7



Del. George Owings, Gov. Parris Glendening, and County Executive Janet Owens (standing, from left) take a boat ride following announcement of the state's purchase of 615 acres adjacent to the Sanctuary. Seated with sunglasses is Jim Jacoby, who sold the property to the state.



Jug Bay Wetlands Sanctuary
1361 Wrighton Road
Lothian, MD 20711
410-741-9330
e-mail: jugbay@toad.net

Jug Bay Home page: jugbay.org

Jug Bay Wetlands Sanctuary is operated by the Anne Arundel County Department of Recreation and Parks. It was established in 1985 with the goals of wetlands research and environmental education. The Sanctuary is a limited-use park. Visitors are requested to make a reservation by calling the office before planning a visit.

Jug Bay Wetlands Sanctuary is a member of the Chesapeake Bay - National Estuarine Research Reserve system, which promotes scientific research, public education, resource management and stewardship in estuarine reserves across the nation.

STAFF

Christopher Swarth, Director
Karyn Molines, Education Coordinator
Elaine Friebele, Naturalist
Christina Santoni, Naturalist
Alice Rohrer, Administrative Assistant
Doug Willis, Maintenance Supervisor

FRIENDS OF JUG BAY OFFICERS:

Doug Kuzmiak, president
Peggy Brosnan, vice president
Betty Chaney, secretary
Tom Petska, treasurer

BOARD OF DIRECTORS:

Susan Barber, Susan Blackstone, Judy Burke,
Jim Harle, Dotty Mumford, Mike Quinlan,
Ken Riggelman, Jeff Shenot, Bill Steiner,
Bud Taylor

Marsh Notes is produced quarterly by Jug Bay Wetlands Sanctuary. Comments and suggestions are welcome.
Editor: Elaine Friebele
Graphic Design: Liz Fisher,
Grafix Galore, 410-822-6305

This newsletter is printed on recycled paper.

Dear Friends,

This has been a most remarkable summer for the Jug Bay Wetlands Sanctuary and the Friends of Jug Bay. Unless you have been deep in the marsh or in another part of the world, then you must know that the former Genstar/Jacoby Property acquisition is a reality! On August 13, Governor Parris Glendening formally launched the new Greenprint Program by pledging to buy the land, doubling the size of JBWS. In a ceremony at the nearby Brown property, Governor Glendening and Anne Arundel County Executive Janet Owens made the announcement before a large crowd of state and county officials and local citizens. It culminated with the Governor, Ms. Owens and guests taking a boat tour of the property's Patuxent River frontage and a look up the rainwater-swollen Galloway Creek. Principle among those guests were Jim Jacoby and Ed Wayson, the owner and the chief negotiator of the property's transfer, respectively. Both Mr. Jacoby and Mr. Wayson deserve our gratitude for listening to FOJB concerns about the environmental sensitivity of the Jug Bay region, closely considering this point of view, and then proceeding with county and state governments to pursue a "win-win" solution. Their cooperation made it possible for the state to inaugurate the new Greenprint era in land preservation with the Jacoby land purchase.

We are very fortunate that this acquisition process came at a time when, by coincidence, many factors were in our favor, and dynamic people were in place to make things happen. For example, we are fortunate that Mr. Jacoby owned the property. A major, nationally recognized property developer, Mr. Jacoby is also someone with deep environmental concern. When others may have bailed out, Mr. Jacoby was willing to stay the course throughout all the twists and turns. Our elected county officials also deserve our gratitude. In particular, we are lucky that Ms. Owens was at the helm and was willing to listen to and act on the concerns of the FOJB and oth-

ers about the property's fate. If not for Ms. Owens' knowledge, dedication, and continued attention to this issue, our cause would have gone nowhere. Meanwhile, county council members, especially Councilman John J. Klocko III, played important roles. Many other county employees were drawn into the process, and through their efforts, this initiative succeeded.

Yet another fortuitous piece of this remarkable mosaic was Governor Glendening's environmental preservation initiative. The Maryland Senate and House of Delegates took up the matter at a time when budget surpluses were their best ever. From this process, the Greenprint program was approved at this year's General Assembly. Within the House of Delegates, Virginia Clagett and Delegate George Owings worked tirelessly to keep our concerns about Jug Bay's environmental integrity known. On the Senate side, the President of the Senate, Thomas V. "Mike" Miller, Jr., took the Jacoby property matter into close consideration. And former State Senator Bernie Fowler, who was instrumental in halting Genstar gravel mining almost a decade ago, came to the fore once again.

Though we were lucky to have these people in place, we were luckiest to have had you, each one of you, whether you are a Friend of Jug Bay, volunteer, local resident, a South Area Small Planning Committee member, community leader, environmentalist, fisherman, boater, someone who attended organizational or steering committee meetings, who signed the petition, wrote a letter, sent an e-mail, or telephoned a state or local representative, and then did it all again during the last big push. You made it come true. Each one of you who did something, no matter how small you think it was, contributed mightily to the effort. Combined, you constituted the backbone—in fact whole skeletal structure—on which the others could build the body of a successful endeavor. I can't thank all of you enough.

FOJB President's Letter


Doug

Celebrate Coast Weeks & Estuaries Day

by Andrea Hardy

Just as summer vacations fade into memories, kids go back to school, and the fun of summer draws to a close, the Annual Coast Weeks and Estuaries Day—one of the most exciting celebrations—is just beginning. So don't throw in the towel on outdoor fun. Grab your hat, curiosity, and a smile and get to the nearest estuary for a little wet and wild exploration. Coast Weeks, which began in 1982, highlights the value, diversity and beauty of coastal

habitats. National Estuaries Day, sponsored by NOAA's National Estuarine Research Reserves and EPA's National Estuary Program, is held every year during Coast Weeks to provide opportunities for the public to experience our nation's estuaries first-hand. This year's Coast Weeks festivities begin on Saturday, September 9, and run through October 8. The 13th Annual Estuaries Day will be celebrated on Saturday September 29.



Jug Bay is one of the three components in the Chesapeake Bay National Estuarine Research Reserve, Maryland. The purpose of CB-NERR is to manage protected estuarine areas as natural field laboratories and to develop a coordinated program of research and education as part of a national program administered by National Oceanic and Atmospheric Administration (NOAA)

STAFF

Carol Towle, Reserve Manager
410-260-8713 or ctowle@dnr.state.md.us

Andrea Hardy, Volunteer Coordinator
410-260-8738 or ahardy@dnr.state.md.us

Robert Finton, Education Coordinator
410-260-8714 or Rfinton@dnr.state.md.us



How Can I Help Protect the Bay?

Even if you do not live next to an estuary, your actions at home can have a significant impact on the coastal environment. Here are a few ways you can help protect the Bay:

1. Use lawn fertilizer sparingly, or not at all. (Never use it just before a rainstorm or it may wash into our waterways.)

2. Leave grass clippings on the Lawn. Clippings decompose and are efficient, natural fertilizers.

3. Think before you pour. Too many hazardous products flow from drains through sewage plants into coastal rivers and estuaries.

4. Use native plants, as landscaping with plants originally from your area reduces the need for additional water and fertilizer. (Check the Maryland Native Plant Society web site www.mdflora.org

5. Clean up after your pet. Animal waste adds additional nutrients to the water, causing problems for aquatic plants and animals

6. Conserve resources and reduce pollution by using less electricity and water, walk, bike, carpool, use public transportation, (For a more extensive list of how to help protect the Bay, go to www.estuaries.gov/about/protect.html)

Estuaries Day Events, CB-NERR, MD

Sunday, September 23

Mark Trail, the comic strip, will feature the National Estuarine Research Reserve system.

Friday, September 28

Estuary Live, Age: K - 12th grade

A live Internet program to share the importance of estuaries and the need to protect them, hosted by the National Estuarine Research Reserve in conjunction with NOAA. This interactive field trip highlights activities and estuaries from coast to coast. Look for Jug Bay naturalist Karyn Molines and teen volunteers Jacqui Hodson, Chris Boyer, and Jim Hardesty on the web presentation. (Questions via e-mail to the North Carolina Reserve during the tour will be answered live on the Internet.) For more information, check out the web site: www.estuaries.gov.

Otter Point Creek Saturday, September 29, 2001

Estuaries Day Pontoon Boat Exploration

9:00 - 11:00 am, Ages 8 to adult, Fee: \$4.00 per person

Estuaries Day Critter Canoe Trip

4:00 - 7:00 pm, Ages 8 - 11, Fee: \$4.00 per person

Chesapeake Bay Friendly Gardening (BayWise)

10:00 am - 11:00 am, Ages: 14 - Adult, Free

Fantastic Fish,

2:00 pm - 3:30 pm, Ages: All, Fee: \$12.00 (includes T-shirt)

For additional activities & information on Estuaries Day try:
www.estuaries.gov/edayevents/eday.html

For more information on national estuarine Research Reserve sites, please visit them at: www.ocrm.nos.gov/nerr/

To learn more about the EPA's National Estuary Program, visit www.epa.gov/owow/estuaries.

Jug Bay Programs Fall 2001

Reservations and fees are required for all events. Call 410-741-9330 or email jugbay@toad.net

Programs are open to families and individuals—please note age limits for each program.

Scouts and other groups must call to arrange a program designed for their group.

Entrance Fees: Adults: \$2.50; Children under 18: \$1.50; Over 60: \$2.00; FOJB membership: \$20.00.

For more information, visit our web site, www.jugbay.org.

Discovery Programs allow families to explore the natural world at Jug Bay. Plan to spend time outdoors. Children under 13 must be accompanied by an adult. Scouts and other youth groups must call to arrange for special programs.

Wonderful Wetlands

Sunday, September 9; 1-3 pm

Sunday, October 14; 1-3 pm

Arrowheads, jewelweed, and stinkpots all live in wetlands. Come discover these and other treasures of Jug Bay. Each month there's something new to find in the wetlands. All ages.



Pond and Stream Exploration

Sunday, September 16; 2-4 pm

Come explore our stream and pond! We'll find and identify frogs, turtles, fish, tadpoles and dragonflies and other aquatic insects. Equipment and field guides provided. Wear boots or shoes that can get wet and bring a change of clothes and a towel. All ages.

Field Fantasia

Saturday, September 22; 1-3 pm

Join in a search for insects, birds, rabbits, lizards, seeds and wildflowers. The field is an exciting place to explore the smaller things in life, as well as learn about the many animals that live at the Sanctuary. All ages welcome.

Discovery Programs

Migration Mysteries

Saturday, October 20; 9:30-11:30 am

In the fall, Canada Geese arrive at Jug Bay and Monarch

Butterflies head for Mexico to spend the winter. But another migration occurs, unseen by most people—the breeding migration of Marbled Salamanders. Participants will learn about their breeding biology, how weather affects their migration, and other details of their life history. Children should be at least 6 years old.



Autumn Leaves

Sunday, October 28; 1-3 pm

See the beauty of Jug Bay's forests, fields and marsh in autumn! We'll look for colorful leaves and other signs of the fall season, learn about what plants and animals are doing at this time of year, and make a leaf craft to take home. All ages welcome.

Birds for Beginners

Sunday, November 18; 1-3 pm

Children too young for our monthly birdwalks can explore the avian world in a program designed just for them. We'll learn about bird adaptations, take a hike to look and listen for birds that stay here all winter, and make a

Lectures in the Field offer a chance for adults and older children to learn firsthand about wetlands and ecology. Plan to spend time outdoors.

Lectures in the Field

Morning Birdwalks

Saturday, September 1; 8-11 am

Saturday, October 6; 8-11 am

Saturday, November 3; 9 am-noon

Saturday, December 1; 9 am-noon

Learn the skills of identifying birds by sight and sound. Binoculars and field guides will be available to borrow. Not appropriate for children under 12.

Marsh Ecology by Canoe

Fee: \$5.00 per person

Saturday, September 8; 9:30am-1:30 pm

Saturday, September 15; 12:30-4:30 pm

Sunday, September 30; 12:30-4:30 pm

Sunday, October 14; 12:30-4:30 pm

Come learn about wetland ecology through our popular canoe explorations of the wetlands along the Patuxent River. Discover the natural and human history of the river during this leisurely paddle. Canoe instruction and all equipment is provided. Children must be at least 7 years old.

Pre-registration is necessary; no phone, e-mail or fax reservations are provided. To reserve a space, mail your payment of \$5 per person (including FOJB) in advance to the Sanctuary. Please include your names, address, daytime phone number, the number of people in your party and the ages of children as well as a first and second choice of dates

wildlife feeder to take home. Dress warmly. Children should be at least 6 years old, and adults with little birding experience are invited.

Beaver Pond Hike

Saturday, December 8; 2-5 pm

Join us to learn about the beaver's adaptations and then take a hike to the beaver ponds. Meet at the Sanctuary for an introduction then drive about five miles to Wootton's Landing. Dress warmly, and wear footgear that can get muddy. All ages.



A call for volunteers

The success of Jug Bay is dependent on numerous volunteers. People, young and old, help with education programs, conservation projects, and ecological research. Fall research projects focus on the ecology of marbled salamanders, birds, fish, wetland plants, and stream monitoring. Volunteers lead our morning birdwalks and pond explorations. Volunteers are needed to assist in the Wetlands Center on weekends. Trail maintenance and clean-ups are done throughout the year. Call for more information and specific schedules to see how you can help out.

Fish Survey

Saturday, September 15; 1-4 pm

Saturday, October 13; 1-4 pm

Once a month we monitor the fish populations living in shallow water and wetlands. Volunteers willing to get wet are needed to help catch, identify and measure (and then release) fish. Not appropriate for children under 12.

Wild Rice

In spite of being "trimmed" by resident Canada geese during the summer, Wild Rice plants are flowering and forming seeds. Seeds are "shattered" from the plants by birds in early September. Help investigate seed distribution and transport (for the next growing season) by collecting mud samples near seed-bearing plants.

Mud Collection (from canoe):

Sunday, September 16; 12:30 to 4:30 pm

Sunday, October 21; 9:30 am -1:30 pm

Seed Sorting and Counting

Saturday, September 22; 10:00 am -12:00 noon

Sunday, October 28; 1:00-3:00 pm

Stream Monitoring

Saturday, September 22; 1-4 pm

Volunteers are needed to help collect, identify, and count stream invertebrates that are used to evaluate stream health. Not appropriate for children under 12.

Water Chemistry and Nutrient Dynamics Training Workshop

Saturday, October 27; 1-4 pm

Since 1988, volunteers have monitored nutrient pollution, dissolved oxygen levels, pH and water clarity in Jug Bay's waters. We will refresh those skills and train new volunteers. Additional training is provided during the sampling dates. The workshop is recommended for all volunteers, new and experienced. For adults or teens.

Teen Adventure a Success

By Karyn Molines

This summer, a dedicated group of teenagers came to Jug Bay Wetlands Sanctuary once a week to help with research projects, interpret data, and work on various community service projects. This newest education endeavor has been a great hit with the teens. Each week, we focused on different research projects: turtle census and telemetry projects, MAPS bird banding, SAV hunt, and amphibians. The studies we conducted offered the teens many opportunities to learn about ecology, experience various science-related careers, and see the relevance of research to our current understanding of natural science.

When I started working at Jug Bay in 1995, my first job was to teach the summer science camp for 5th and 6th graders, held during two different weeks. Some of the "older" campers felt disappointed about not being able to return to camp the next year. I was compelled to start a camp for 7th and 8th graders, which was an immediate success. Then in 2000, over a dozen ninth



Shane Salta, Chris Boyer, Jacqui Hodson, and Trevor Begley install new amphibian traps during the Teen Adventure this summer.

graders (most who had attended camp since they were in 5th grade) wanted to keep coming to Jug Bay for the summer. Some were willing to help out as counselors with the younger camps, but most really wanted to continue the fun outdoor activities we did during camp.

So, why not hold a camp for high school students? Instead of goofing off in front of the TV or the computer, they could participate in "real science." In addition, they could receive community service hours for their work. Some even thought of ideas for science fair projects. The Sanctuary benefited by having more people help with the studies, many hands to repair our drift fences, and even some preliminary interpretation of our data. In addition, we developed better activities to use with high school students during field trips.

Lastly, the Teen Adventure highlighted the need for the Sanctuary to have a teen research program. So, over the next year, you'll be seeing more opportunities for teens to become involved at JBWS. If you are a teen and have some ideas of what you'd like to do, give me a call or e-mail (karyn@jugbay.org)

Chris Abell, Chris Boyer, Adam Duke, Laura Ek, Jim Hardesty, Nikki Harleston, Jacqui Hodson, Taj Rollins, Sarah Waterman, and Tara Whittle were our regular participants. Others who came throughout the summer included Trevor Begley, Joey Bellotte, Amy Bond, Cindy Dieterle, Kristin Herzog, Thomas Mason, Lauren Nelson, Ashley Robidoux, Shane Salta, Derrick Sansbury, Peter Seabrook, and Liz Smith.

Teen Research Program: Salamander Sleepover

Beginning about September 10, we will check the amphibian traps every three hours beginning at sunset, recording the number of salamanders caught (and their sex) and the amount of rain. Rainy Friday and Saturday nights are Teen Nights. Come out for the entire night, or just for a few of the sampling times. Because rain is required for this study, it is impractical to plan more than a day in advance. So be prepared to pack your bags at the last minute and bring a favorite video and a midnight snack. Call before 5 p.m. to participate; space is very limited. Details will be on the Herp Board in the lab.

Special Events

Volunteer Programs

Patuxent Sojourners Go With the Flow

By Karyn Molines

During the week of June 3 to 10, over 25 paddlers boarded canoes and kayaks each day to travel down the Patuxent River during the first annual Patuxent Sojourn. The flotilla, co-sponsored by Anne Arundel County Department of Recreation and Parks, Alliance for the Chesapeake Bay, Sierra Club, and many other organizations, started where Route 214 crosses the river. Eventually, the group found themselves at Broome's Island, wading into the river with Bernie Fowler. Throughout the week the group rediscovered the treasures of the Patuxent, taking hikes at the various parks (such as Jug Bay). They also participated in restoration projects, planting Wild Celery along the shores of Jug Bay and laying bags of oyster spat near Jefferson Patterson Park.

But it wasn't all work. Each night the group camped along the river's edge, making new friends and sharing each day's

discoveries. One evening the paddlers kicked up their heels at a contra dance with Elgin Perry and his band. Evening lectures by Bernie Fowler and Tom Wisner were both educational and entertaining. Funding from the Chesapeake Bay Trust, BP Amoco, Pepco, and in-kind donations by Atlantic Kayak, Maryland National Capital Park and Planning Commission-Prince Georges, Calvert County Natural Resources Division, ChesPAX, and the Academy of Natural Sciences Estuarine Research Center made this event possible.

We'll keep you posted on next year's sojourn!



Patuxent Sojourners arrive at Patuxent Wetlands Park for a lunch break.

Interns' Efforts Reap Rewards

Four energetic summer interns performed ecological research and developed important education programs for the Sanctuary.

- Kimberly Smith, a high school biology teacher in Charles County, developed Academic Adventures, a set of field trips which are field trips for high school students, keyed to academic curricula. (Check out the attractive brochure she designed.) Kimberly also helped Sanctuary staff evaluate calculator-based field programs and plan activities for the Teen Adventures.
- Susan Curless, a marine biology graduate from the University of New Hampshire, documented the nesting behavior of Red-bellied Turtles.
- Joe Sage, a senior at Michigan State University, investigated differences in the diets of juvenile and adult Red-bellied Turtles. He studied the stable isotope ratios of Red-bellied Turtle foods such as fish,

Smoother Walking, Thanks to Eagle Scouts

This spring and summer, Doug Willis, our Maintenance Supervisor, had the good fortune to work with five area Eagle Scout candidates. With assistance from Troops 115 and 840, they made significant improvements to the Sanctuary. Alan Anderson's group replaced Doris's Pier and installed a new bench. Brad Merchant and crew put a new roof on the Swamp Blind, designed and replaced the old stairs on the Upper

invertebrates, and plants and compared them with the ratios found in the turtle tissues.

- Krista Capps, a graduate student at the University of Indiana, studied predation of Red-bellied Turtle nests. Planting decoy nests containing clay eggs, she explored the effect of nest density on predation, the role of turtle bladder water in predator location of nests, and identification of major predators.

Railroad Bed Trail, and built a new bench at the Beaver Pond overlook. Patrick Boswell repaired the ramp to the Otter Point pier and the stairs on the Two Run Trail. Scouts assisted Mike Carrol in building a staircase with two landings by Two Run Creek, and put wood chips on the Marsh Boardwalk entrance trail. Jeff Blass's group made a new trail to the Farm and built two footbridges and two overlooks on Beech Trail. Mathew Hayes and members of Troop 840 rebuilt the Farm pier and added a new overlook bench above the pier. Hayes and his group also installed new stairs and a resting bench overlooking the stream on the backside of the Upper Railroad Bed Trail.

Thanks to the Eagle Scout candidates, their supporters, and other scouts who contributed their time to complete these many impressive projects.

Thanks to Andrea Johnson for the donation of a pair of chest waders.

New Species Appears at Sanctuary

On a warm evening in mid-June, while prowling the water's edge to catch animals on videotape, interns Joe Sage and Greg Bulté found a female Diamondback Terrapin nesting behind the boating shed at the River Farm. Because the Diamondback (*Malaclemys terrapin terrapin*) inhabits brackish waters bordered by salt marshes, its presence in the freshwater portion of the Patuxent was a surprise.

The turtle dug a nest in an area of loose clay where a new septic system had recently been installed. Sage watched as the turtle excavated a hole and deposited eggs, sitting slightly to one side of the hole with one foot dangling into the cavity. As each egg was deposited, she used her foot to guide the egg into the hole and position the egg in the nest. Once the eggs were deposited, the female stuck both feet into the hole and began scraping dirt, then balled her feet into "fists" and compacted the dirt with a gentle pounding. At about 10 p.m., she completed her work, covering the nest with dry dirt. "Had I walked by the area the next morning, I would not have known that



This turtle, discovered nesting in June, is the first Diamondback Terrapin ever seen at the Sanctuary.

a nest had been made there," said Sage.

The nest, which might hold from six to 18 eggs, is protected by a predator exclusion box. The eggs usually hatch within about 75 days, and hatchlings emerge throughout the fall. Staff members and volunteers are checking the nest daily, anticipating the Sanctuary's first known Diamondback Terrapin hatchlings!

The World of Migratory Birds

Join Scott Weidensaul, best-selling author, naturalist, and ornithologist, for an exploration of bird migration and related conservation issues on Tuesday, September 11, from 7 to 9 p.m. at the National Wildlife Visitor Center, Patuxent Research Refuge. Weidensaul will base his presentation on his recent Pulitzer Prize-nominated book, *Living on the Wind: Across the Hemisphere with Migratory Birds*. His program covers the drama and sweep of the birds' journeys, from the doorstep of the Aleutians in Alaska and the frozen edge of Hudson Bay in Canada, through the rainforests of Central and South America to the grassy pampas of Argentina.

Scott Weidensaul is the author of more than two dozen books on natural history. He writes regularly for *Smithsonian* magazine, and his work has appeared in such publications as *The New York Times*, *Natural History*, *International Wildlife*, *Orion*, and *Audubon*. His photography and artwork have been published widely in books and periodicals, and he has guided natural history tours in the United States and abroad. He will sign copies of his book after the presentation, so be sure to bring yours along.

The program, sponsored by the Prince George's Audubon Society, the Patuxent Chapter of the Maryland Ornithological Society, and the Patuxent Research Refuge, U.S. Fish and Wildlife Service, is free and open to the public. For further information, contact Mike Quinlan, 301-805-4278 or e-mail mikemq@aol.com.

Summer Volunteers June-August

Chris Abell	Helen Cosner	Dotty Mumford	Rod Svedberg	Tina Whittle
Morgan Angus	Cathy Cronin	Lauren Nelson	Eric Tillson	Susan Wood
Ramona Angus	Mike Cunningham	Eric Newburger	David Turner	Doug Yeatman
Marty Barron	Cindy Dieterle	Shelly Nixon	Martha Turner	
Bentley Barton	Adam Duke	Jim O'Reilly	Mike VanDerveer	<i>Thank You!</i>
Trevor Begley	Dennis Duke	Keri Parker	Nancy VanDerveer	
Joey Bellote	Evan Duke	Rod Perry	Bob Wasmer	
Erik Bengtson	Laura Ek	Mike Quinlan	Sarah Waterman	
Mike Blackstone	Shelly Fireash	Arlene Ripley	Tara Whittle	
Susan Blackstone	Lynette Fullerton	Ashley Robidoux		
Eric Blass	John Gillespie	Taj Rollins		
Chris Boyer	Jim Hardesty	Rogard Ross		
Peggy Brosnan	Nikki Harleson	Vinnie Salomone		
J.T. Brown	Kristin Herzog	Regina Salta		
Judy Burke	Jacqui Hodson	Shane Salta		
Gordon Burton	Deborah Hopkins	Derrick Sansbury		
Mary Burton	Doug Kuzmiak	John Schlotter		
Danny Bystrak	Lloyd Lewis	Peter Seabrook		
Betty Chaney	Dave Linthicum	Diana Lee Smith		
Ginger Chaney	Woody Martin	Bill Steiner		
Jennifer Cohen	Thomas Mason	Alicia Stephany		
Clint Cosner	Jennifer Meininger	Joyce Svedberg		

Welcome... to Christina Santoni, our new naturalist and volunteer coordinator. Christina brings many skills and unique knowledge to her position at the Sanctuary. A recent graduate in biology at St. Mary's College, Christina studied the herpetofauna of The Gambia, West Africa and wrote a field guide for park rangers for her senior project. This summer, she led young people in Anne Arundel County Wilderness Challenge camps. Stop in and say hi!

And to David Linthicum and Peggy Brosnan, who are occupying the brick house at the farm. Dave and Peggy are long-time volunteers and Friends of Jug Bay. Peggy now serves as vice president of the Friends, and Dave, a cartographer in his professional life, has created many maps for the Sanctuary. What a great benefit to have them as neighbors!



DEPARTMENT OF RECREATION AND PARKS

Jug Bay Wetlands Sanctuary
1361 Wrighton Road
Lothian, MD 20711
410-741-9330

F
A
L
L
2001

For more information
about Jug Bay
Wetlands Sanctuary
and our programs,
check out our website:
www.jugbay.org

*Commemorate the past and herald the future
of the Jug Bay Wetlands Sanctuary
and the Friends of Jug Bay
at the Founders and Futures Celebration*

Saturday, October 27
3 - 8 pm
Wetland Center

- 3 pm Cider and donut get together with the Founders of the Jug Bay Wetlands Sanctuary and the Friends of Jug Bay.
- 4 - 5 pm Honor our elected officials and others who brought about the Jacoby property purchase.
- 5 - 6 pm Evening social
- 6 - 8 pm Pot luck dinner. Everybody is encouraged to bring something appropriate!

Join us for the
**Founders
and Futures
Celebration**

