

STEWARDSHIP NEWS

Volume 6, Issue 3 • May/June 2003

Celebrating 10 Years of Sustainable Development

It hardly seems possible that the Audubon Signature Program is celebrating its tenth year of promoting sustainable development. With 104 active members currently working on 40,000 acres in 31 U.S. states, as well as in Canada, Portugal, and Puerto Rico, the program has successfully made a place and a name for itself in the world of environmentally-sensitive design and development.

By Nancy Richardson

Begun in 1993 as an outgrowth of the Audubon Cooperative Sanctuary Program (ACSP) for existing facilities, the Signature Program was created to educate and assist developers, landowners, and managers follow sustainable resource management principles when developing and managing properties. Sites that achieve designation as Certified Audubon Signature Sanctuaries demonstrate that enhancing and protecting the environment has economic, aesthetic, and community benefits.

“There is no doubt that the Signature Program measurably protects, restores, and enhances natural resources and reduces waste, as well as promotes the more efficient use of
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The Audubon Signature Program is committed to the belief that sustainable development is the key to our future and will improve the quality of life and the environment. Developments, such as the Indian River Club in Vero Beach, FL, are designed to protect water resources, reduce waste, and blend in with the natural features of the site.

John R. Johnson, golfphotos.com

Environmental Leadership Summit Launches *Fifty in Five* Campaign

Catechee Golf Club in Hartwell, GA, one of the most environmentally sensitive courses in the country, recently served as host of Audubon International's Environmental Leadership Summit. The gathering drew approximately 30 influential members of the golf industry and marked the launch of Audubon International's *Fifty in Five* campaign, designed to enroll half of all U.S. courses within its environmental programs over the next five years.

“The golf industry can play a pivotal leadership role and be a catalyst for a whole new way of thinking about environmental stewardship and sustainability,” said Audubon International President Ronald Dodson, as he encouraged the golf course superintendents, golf media, developers, course architects, manufacturers, distributors, course operators, association representatives, educators, and others

attending the February 12 event to get involved. “We need a broader commitment from the entire industry, input from industry representatives, and expanded financial and program support to achieve our *Fifty in Five* goal.”

One of the aims of the summit was to create an informal program advisory council to help with that effort. The council will be called upon to help Audubon International

effectively promote its programs and offer suggestions for improvement.

Since 1991, Audubon International has managed education and certification programs targeted at improving the environmental performance of golf courses. Roughly 13 percent of all U.S. courses are members of either the Audubon Cooperative Sanctuary Program for existing facilities or the Audubon Signature Program for new developments, like Catechee. Roughly 16% of these members (two percent of courses nationwide) have achieved Certified Audubon Cooperative Sanctuary status.

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Dear Members and Supporters,

You may have noticed that we have been in the process of unveiling a number of new programs over this past year. Programs for municipalities, resorts, and residential communities will help us reach out and affect change to an ever-increasing number of people, and new fund-raising programs, like our *Earth Fund Giving Campaign*, will help us provide high quality service to our new program members, existing members, and non-members alike.

As we grow and change, one thing remains the same: *the importance of you*, our members and supporters, in helping us protect and improve the quality of the environment. As our partners, we remain committed to giving you the tools, information, and support you need to practice and communicate good environmental stewardship. Please don't hesitate to pick up the phone and call us or write us via email whenever you have a question, concern,

or suggestion for improvement. We value your opinions and are here to try to help you.

As spring and summer get underway, we wish you much success in your environmental stewardship endeavors. Keep in touch!

Kevin A. Fletcher
Director of Programs and Administration

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One community's high school students are becoming part of the picture of their town's plans for a more sustainable future; story page 8.

Environmental Leadership Summit Launches *Fifty in Five* Campaign

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“Are we pleased with our progress to date? Yes. But can we do better? Absolutely,” said Kevin Fletcher, Audubon International Director of Programs and Administration. “The time has come for the entire golf industry to not only make a commitment to the environment, but follow the lead of those already involved and take action.”

Over the next several months, Audubon International will continue to communicate with Golf Advisory Council members to explore ways to reach the *Fifty in Five* goal. Through email discussion, conference calls, and periodic updates, the Golf Advisory Council’s role will be to lend broader industry-wide support to Audubon International’s environmental education and outreach efforts, while opening new doors and creating new ways of making environmental stewardship the norm in the golf industry.

Many thanks to Lee Barton, Mike Cofer, Buck Workman, Mike Young, and the staff at Catechee Golf Club for hosting this event, and to North American Green, Syngenta Pro-



Participants at the Environmental Leadership Summit heard about Audubon International’s Sustainable Communities Campaign and *Fifty in Five* membership drive.

fessional Products, and Otterbine Barebo, Inc. for their generous financial contributions. We also thank our many attendees for their continued involvement and support for our

programs and *Fifty in Five* campaign.

(Peter Blais, a media relations consultant and freelance writer based in North Yarmouth, ME, contributed to this article.)

New Guide to Environmental Stewardship Helps Homeowners Take Action

Audubon International has recently published a new guide to environmental stewardship to help homeowners do a better job in contributing to a healthy environment. The booklet, *Treasuring Home*, includes simple indoor and outdoor actions, as well as steps for extending environmental stewardship efforts from households to neighborhoods and communities.

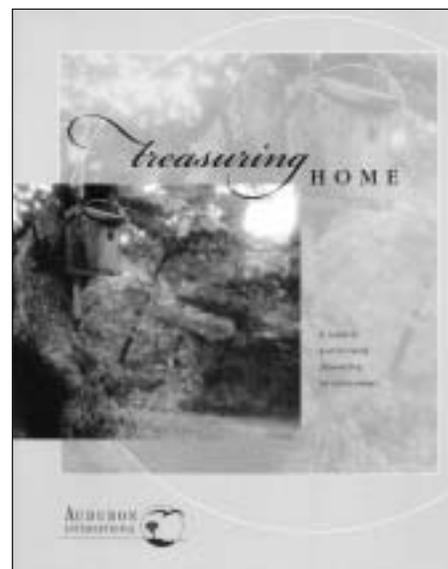
“Valuing and caring for the natural resources and unique landscapes in the places we call home is critical to creating a healthier and more sustainable environment for the future,” says Jean Mackay, Audubon International Director of Educational Services. “The premise of the new guide is that it all starts in your own backyard.”

While environmental campaigns typically focus on large industry, agriculture, and sprawling development, or seek to save pristine natural areas, the *Treasuring Home* guide strikes close to home. It targets homeowners from the millions of households that make up the fabric of communities across the country, encouraging people to take a closer look at the nature of the place they live and to take action in

their own homes and neighborhoods.

“*Treasuring Home* empowers people to get involved and is an excellent tool for individual homeowners, as well as homeowner associations, planned residential communities, and municipalities,” says Mackay. The guide includes a *Treasuring Home* Pledge for people to fill out and return to Audubon International. The pledge seeks to solidify people’s commitment to environmental practices and will be used to gauge how far reaching and effective the guide is as a tool for environmental action.

If you would like to obtain a copy of the guide, or purchase multiple copies for distribution, contact Audubon International at (518) 767-9051, extension 13, or email jmackay@audubonintl.org.



audubonintl.org. The guide is complimentary to donors to Audubon International’s Earth Fund. You can also view the *Treasuring Home* guide and take the pledge online at www.audubonintl.org/homepledge.

Celebrating 10 Years of Sustainable Development

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one or more natural resources,” shares Robert S. Krause, Vice President for Institute Advancement at Kansas State University, in Manhattan, KS, site of Colbert Hills Golf Club, a Certified Audubon Signature Sanctuary. “All this is done while being sensitive to overall environmental community concerns.”

Realizing a return on investment—for the environment and financial bottom line

The Signature Program’s long term goal is to foster a stewardship ethic that leads land-owners and managers, consultants, and local communities to consider environmental, rather than just economic, costs and benefits in their decision making. By considering environmental values from the outset, developers can protect the environment and realize a solid return on their investment, and communities can make strides toward implementing smart growth initiatives.



Signature Program staff have worked with members to protect water quality in a number of sensitive water bodies, including Florida’s Lake Powell, Coccohatchee River, and Halfway Creek (above) (all designated as Outstanding Florida Waterways), Estero Bay (a Marine Aquatic Preserve on Florida’s Gulf Coast), and the Florida Bay (one of the world’s most important feeding grounds for salt water fish species), Ohio’s Chagrin and Cuyahoga Rivers (designated Scenic Rivers), and California’s Black Lake Canyon Slough (designated a Sensitive Resource Area).



By implementing the Signature Program management plan, **Cateechee Golf Club** in Hartwell, Georgia, saves 20% in electric costs and 20% in overall operating costs compared with traditionally built and managed golf courses. Of its 475 acres, only 20% are maintained in manicured turf, which proportionately reduces pesticide usage and water consumption. Here, Superintendent Buck Workman, CGCS, checks one of the course’s many nest boxes.

“Indian River Club was developed under the premise that ‘good environmental sense makes good economic sense,’” says Robert Swift, Partner, Indian River Club in Vero Beach, FL, which was certified in 1995. “Our members and residents take a great deal of pride in Indian River’s participation in the Audubon Signature Program. They consider our status as a Certified Signature Sanctuary as a measure of quality of the club and our community.”

Signature projects are as diverse as the landscapes they are built upon

Though the Signature Program is best known for its work with golf course developments, it is not restricted to golf. World Wide Sportsman, a marina in the Florida Keys, became the first non-golf Signature Sanctuary in 1998; Martin Luther King Jr. Sports Complex in Arlington, TX, was certified in 2000;



The list of endangered, threatened or species of special concern identified and protected on Signature sites is long, and includes: American Bald Eagle, Golden-cheeked Warbler, Florida Scrub Jay, California Gnatcatcher, Gopher Tortoise, Texas Horned Toad, Eastern Indigo Snake, Blanding’s Turtle, and others. This Florida Black Bear was photographed at The Legacy Club at Alaqua Lakes in Longwood, FL.



At the **Sanctuary at WestWorld** in Scottsdale, AZ, the Bureau of Land Reclamation reclaimed land once used to create the Central Arizona Project (which brings water from the Colorado River to central Arizona) as part of its participation in the Signature Program.. WestWorld restored 60 acres of native Sonoran desert and created on-site recharge wells to replenish the area's natural ground water supply, while developing an 18-hole public golf course and hiking trail system.

and the Conserve School, a private preparatory school in Land O'Lakes, WI, is slated to achieve Signature certification this year.

Once a new project enrolls in the Signature Program and obtains governmental approval to move forward with construction, Signature staff works with the developer to design, construct, and manage the property in concert with the local environment. The Signature program draws upon a technical team of water quality, wildlife, and turf experts to conduct site visits and see to the preparation of a Natural Resource Management Plan that lays the foundation for decisions regarding wildlife habitat restoration or conservation, water quality protection and use, energy efficiency, waste reduction and management, and employee and community education. The final result is a development that is far more environmentally sound than laws, regulations and permit conditions require.

Signature sites range from those with protected species and spectacular landscape features to those with severe degradation at

the outset. The program registered its first brownfield site, totaling 332 acres in Lake County, IN, in 2002. Such properties provide opportunities for extensive ecological restoration during development.

"There is no question that our involvement with Audubon International has been a real positive aspect for us and our work. It's simply the right thing to do," says Drew Rogers, Senior Architect Associate at Arthur Hills/Steve Forrest and Associates, who worked with the first Signature Sanctuary in Portugal, Quinta da Marinha Oitavos Golfe.

Without doubt, it's the belief that development can be achieved in a way that not only minimizes environmental degradation, but maximizes environmental benefits that serves as a guiding principle for the architects, developers, and managers that seek to enroll their projects in the Audubon Signature Program. Their commitment to sustainability is the cornerstone upon which the program and its achievements rest.



The **Barona Band of Mission Indians** near Lakeside, CA, implemented a large scale oak restoration project as they transformed a 250-acre cattle grazing area into the **Barona Creek Golf Club**. Barona Creek was certified in 2002 as the first Signature Sanctuary on Native American sovereign land in California.

Please join us in recognizing the following Certified Audubon Signature Sanctuaries. Their leadership and vision have been instrumental to the success of the program (Sanctuaries listed in order they were designated, by year)

1994

Collier's Reserve, Naples, FL

1995

Indian River Club, Vero Beach, FL

1996

Stevinson Ranch Golf Club—Savannah Course, Stevinson, CA
PGA Golf Club—North & South Courses, Port St. Lucie, FL

1997

Top of the Rock Golf Course, Ridgedale, MO

1998

Bonita Bay Club East, Naples, FL
Pinehurst #8 Centennial, Pinehurst, NC
Granite Bay Golf Club, Granite Bay, CA
Sand Ridge Golf Club, Chardon, OH
Lost Key Golf Club, Perdido Key, FL
World Wide Sportsman, Islamorada, FL
Wuskowhan Players Club, West Olive, MI

1999

Cypress Ridge Golf Course, Arroyo Grande, CA
The Legacy Club at Alaqua Lakes, Longwood, FL
Cateechee Golf Club, Hartwell, GA
Legacy Courses at Cragun's, Brainerd, MN

2000

Sanctuary Golf Course at WestWorld, Scottsdale, AZ
Turning Stone Casino Resort Golf Courses, Verona, NY
Red Hawk Golf Club at Wingfield Springs, Lakes Course, Sparks, NV
West Bay Golf Club, Estero, FL
Tierra Verde Golf Club/Martin Luther King Jr Sports Complex, Arlington, TX
Haymaker Golf Course, Steamboat Springs, CO

2001

Longaberger Golf Club—Arthur Hills Course, Nashport, OH
ThunderHawk Golf Club, Beach Park, IL
Oak Grove Golf Course, Harvard, IL
The Club at Mediterra, Naples, FL
SummerGrove Golf Club, Newnan, GA
Colbert Hills, Manhattan, KS
Town of North Hempstead Harbor Links, North Hempstead, NY
The Old Collier Golf Club, Naples, FL
Quinta da Marinha Oitavos Golfe, Cascais, Portugal

2002

The Club at TwinEagles, Naples, FL
WCI Raptor Bay Golf Club, Bonita Springs, FL
Barona Creek Golf Club, Lakeside, CA
Robinson Ranch Golf Club, Santa Clarita, CA
Villages of Marion (Ashley Meadows, Erinn Glen Briarwood, and Walnut Grove Executive Nine), The Villages, FL
The Golf Club at Briar's Creek, Johns Island, SC
The Bridges Golf Club at Casino Magic, Bay St. Louis, MS
Sharks' Tooth Golf Club, Panama City, FL
The Heritage at Westmoor Golf Course, Westminster, CO

Tapping Human Resources

“Coming together is a beginning, staying together is progress, and working together is success.”

—Henry Ford

By Peter Bronski

The impetus for starting good environmental stewardship on your property can come from any one of many potential sources. It can emerge from your own environmental ethic and a desire to take action to improve the environment where you live, work, or play. It can trickle down from upper management or begin as an employee’s suggestion. It can take the shape of public pressure and scrutiny or, paradoxically, it can be the positive publicity and recognition that comes from demonstrating your stewardship to the community or to the public.

Whatever your underlying motivation, simply starting your stewardship activities in the first place is the most important step you can take to help yourself on the way to good stewardship and environmental quality. Getting started can often be the biggest hurdle you will face in your pursuit of environmental stewardship, but once you’ve taken that cru-



The Resource Advisory Group at Crystal Downs Country Club in Michigan hosted an open house to meet club members and explain the club’s efforts. Local organizations and community members can offer their expertise, time, and services to make your involvement in the ACSP a success.

cial first step, all else will fall into place with relative ease.

The thing to remember is that while good stewardship may start with you, or while you may take leadership of your property’s steward-

ship activities, you are not alone. Rather, you are surrounded by a virtual wealth of people—human resources—who are knowledgeable about the environment and willing to offer their expertise, time, and services to help make your stewardship a success. The key, then, is to identify who these people are and organize them into a Resource Advisory Group that can help to direct stewardship efforts on your property.

Seek support from within first

Start by looking within your own organization and identifying the important decision makers for your property—a golf course superintendent, manager, teacher or school administrator, or owner, for example. At Michigan’s Crystal Downs Country Club, Superintendent Michael Morris began by contacting the Board and the Green Committee. “We wanted to make sure that the decision makers for our property were informed and ‘on-board’ with this program,” says Morris.

After contacting the most important decision makers, extend an invitation to employees, members, or other people associated with your organization, such as a homeowners association, PTA members, or students. You may be surprised to find unexpected interest



Staff and community members implemented an oak tree restoration project in a depleted oak woodland at Riverbend Golf Course in Madera, CA. Sharing the work spreads the satisfaction of good results among many people.



Saucon Valley Country Club, in Bethlehem, PA partnered with the Wildlands Conservancy to offer a variety of educational programs to both club members and young people in the community. Here, students explore aquatic life in the golf course pond.

T.L. Gettings

individual members when their particular area of expertise is called for. "After contacting each member personally, I wrote a letter and asked for best times to meet," says Morris. "I then scheduled a meeting a couple of times per year that would accommodate everyone at least one time per season."

Many hands make light work

Your Resource Advisory Group can be a source of information and guidance, or can become more actively involved in implementing projects and coordinating resources on your property. "The National Park Service has been a tremendous resource for information on the area and efforts to control non-native plant species in our area," explains Morris. "The local Audubon group and teachers have put on displays at our open house activities and have provided a comprehensive bird list for our property. The staff and membership have been active in conducting the wildlife inventory."

Forming a Resource Advisory Group at the earliest stages of your efforts will make getting started on stewardship infinitely easier and more manageable. By surrounding yourself with capable, motivated, and knowledgeable group members, your stewardship goals and objectives will be that much more achievable.

Morris offers excellent final words of advice: "Network with people interested in your efforts. Partner with local groups and organizations and be visible in newsletters, open houses, and activities at your property. By doing these things, great resourceful people will come to you."

and enthusiasm from people within your own organization. Also, remember that different people may have different interests and environmental specialties to offer.

Bring "outsiders" inside the loop

Lastly, think outside the boundaries of your own property and organization, and consider contacting members of the local community, as well as local environmental experts. Members of the local community could be as close as a property neighbor, an avid amateur bird watcher, or a local Boy Scout troop leader. Local environmental experts may be representatives from local environmental organizations, state and federal agencies, such as a Department of Environmental Conservation or the United States Fish and Wildlife Service, or your local Cooperative Extension agent.

"We solicited members in the club who have an interest in the environment and wildlife, and I also asked for involvement from my staff," says Morris. "I then contacted the schools, local Audubon group, my county extension agent, the nearby National Park Service, and the local land-use agency. I found enthusiastic interest everywhere I looked."

Crystal Downs' Resource Advisory Group included several club members, staff, a summer resident from the local community, and representatives from the local Benzie Audubon Society, Michigan State University Coopera-

tive Extension, Michigan Land Use Institute, and Sleeping Bear Dunes National Seashore. While Crystal Downs' Resource Advisory Group was quite comprehensive, don't feel obligated to form a group larger than you feel comfortable managing. Effective Resource Advisory Groups can be as small as three or four people, or as large as eleven or twelve. Ultimately settle upon a group size that works for you and helps you to accomplish your objectives.

You may choose to convene your Resource Advisory Group on a regular basis, or contact



Resource Advisory Group members at Hammock Dunes Club in Palm Coast, FL, were instrumental in inventorying birds that inhabit the golf course.

Youth Photo Project Offers a Snapshot of Williamston, North Carolina

What happens when high school students are turned loose in town, armed with cameras, and assigned the task of giving the community a snapshot of itself?

By Jean Mackay

“A community can find out plenty when it invites its youth to get involved,” says Debbie Reno, Youth Partnership Coordinator for the Sustainable Community Partnership Project, 4-H Youth Development at NC State University (NCSU). Reno recently spearheaded a youth photo project in Williamston/Martin County, NC, as part of its participation in Audubon International’s Sustainable Communities Program, in partnership with NCSU. 4-H Youth Development donated one Advantax camera and replacement film to each high school. Students were assigned to take pictures that they felt represented their community.

“One of the concerns we heard repeatedly when we first went to Williamston was that many young people don’t stay there after high school or don’t return after college. Our recent youth survey revealed that 74% of high school students do not plan to return to Williamston/Martin County after completing continuing education,” explains Reno. “The youth photo project was our first attempt at asking youth to tell us *why*.”



This student’s photo points out a pressing concern: all roads seem to lead out of town for the community’s young people. Helping youth find a future in Williamston/Martin County, NC, is one of the goals of Sustainable Communities Partnership among the town, NCSU, and Audubon International.



High school students voiced concerns and shared ideas for improving their community with Williamston Mayor Tommy Roberson and other community leaders during a recent high school youth forum, an outgrowth of the youth photo project.

Photos of a car door tossed into a swamp and of abandoned industrial sites, juxtaposed with images of historic doorways, rural landscapes, and agricultural fields begin to reveal a complex answer. The images portray a town struggling to maintain its agricultural heritage and independent small town history, while attracting new industry and commercial development in a tough economy. Finding a place for themselves in this picture is hard for many young people to envision.

Putting youth in the picture

“We wanted to involve younger citizens in thinking about sustainability and seeing that they have a role to play in their town’s future,” says Reno. “This is just the beginning.”

Indeed, the photos were mounted on several posters and displayed during recent high school youth forums, in which community leaders met with students to discuss their impressions about the community and sustainability. More than 30 community leaders, including Williamston Mayor Tommy Roberson, County Commissioner Tommy Bowen, representatives for Congressman Balance, legislators, and other key stakeholders, co-facilitated small group sessions with students.

“The youth did a wonderful job of identifying their community and were very insightful,” reports Dean Harrell, Chair of Williamston’s Sustainable Community Steering Committee. “Adults who viewed the pictures throughout the events really took notice and were provided new perspectives on viewing the community.”

“The enthusiasm of the youth as well as the adult community leaders has been very exciting,” continues Harrell. “I believe that the collective group is beginning to realize that the links between environment, social issues, and economic activity create the essence of being a community which is both progressive and sustainable. We are off to a tremendous beginning with our partnership with NCSU and Audubon International.”

Next steps include having students present their final recommendations to the Sustainable Community Committee and other key stakeholders in the community, the establishment of an outdoor classroom at Williamston Primary School, and a town-wide beautification project, including 15 trees and shrubs to be planted at each high school. Nurtured by today’s youth, the trees may one day serve as a symbol of a more hopeful future for young people who build their lives in Williamston/Martin County.

Let the Nest Building Begin!

Birds are back from the south and ready to begin a new season of nesting. Are you ready for them?

By Larry Woolbright

Each year, we have the opportunity to directly help our native cavity-nesting birds successfully raise a new generation. By putting up nest boxes, built to the right specifications and placed in suitable habitat, we can not only witness, but participate in one of nature's great wonders.

"I remember the first time I put up a nest box in the early 90s and five minutes after it was on the post, a bluebird flew in," says long-time Audubon International member Peter Leuzinger, CGCS of the Ivanhoe Club in Illinois. "That was over 10 years ago. With over 60 boxes at Ivanhoe and a dozen or so offsite at local cemeteries, we fledge 150 to 200 desirable nesters every year. That's nearly 2000 birds in our ten or eleven year history with Audubon International."

Tips for improving nesting success

Audubon International collects data each year from members who have put up nest boxes. Nest Box Survey forms from 2002 are still coming in and being analyzed, but results from 2001—compiling information from 1,656 nest boxes on 58 sites—provide valuable tips for increasing the nesting success of birds that use nest boxes.

- The highest nesting success for **bluebirds** reported by our members in 2000 and 2001 was in boxes located in the open, on mowed turf greater than 10 feet away from any trees and greater than 100 feet from water. Bluebird nest failure (eggs laid, but no fledglings) in 2001 was associated with nest boxes located in the woods and close to trees. Bluebird eggs are pale blue and nests are constructed of woven grass.
- **Tree swallows** appeared to prefer boxes similar to those chosen by bluebirds in 2000, but this result was not repeated in 2001. Tree swallows will nest in close proximity to one another and prefer open sites where they can feed easily on insects while in flight. Their nests are made of woven grass lined with feathers; eggs are white.



Check your nest boxes once a week during the breeding season from mid-March through August. Open the box, take a quick count of eggs or young, and close it again. Your results will help you learn about the birds using your boxes, increase nesting success, and contribute to our yearly Nest Box Survey.

Tree Swallow, Commonwealth National Golf Club, PA

- **House wrens** appear to be generalists, nesting in all locations and having similar success in all locations. House wrens will often construct "dummy nests," stuffing nest boxes with small twigs, but not nesting in them. These nests serve to keep other birds out of a house wren's territory. House wren eggs are white heavily marked with browns.
- Though our Nest Box Survey did not collect enough data on **chickadees** or **nuthatches**, these birds commonly use nest boxes, generally placed in or close to woods. Chickadee nests are lined with plant down, moss, feathers, and hair; eggs are white with pale reddish-brown markings. Nuthatches nests and eggs are similar to chickadees with bark shreds, hair, and small feathers used as nesting materials

and white to pinkish-white eggs marked with reddish-brown.

Watch your boxes!

Your mailboxes and your nest boxes that is! Our **2003 Nest Box Survey** will be mailed directly to you. Use it to record information about your nest boxes and send it to us in the fall, or report your findings online at www.audubonintl.org/projects/nestbox/index.htm. The usefulness of our yearly survey depends on having lots of responses. Whether you have two nest boxes or twenty, your results are valuable to the survey.

Additional information on building, mounting, and monitoring nest boxes is available from Audubon International. Visit our website and go to *Special Projects/Nest Box Network* or look for fact sheets on bluebirds and other cavity-nesters in *e-Source*.

ACSP Bound for Down Under

This June Audubon International will take its message of good environmental stewardship on the golf course down under to Adelaide, Australia. Joellen Zeh, Staff Ecologist for the Audubon Cooperative Sanctuary Program, is teaching two sessions at the Australian Golf Course Superintendent's Association Turf Conference June 23–June 27, 2003.

By Peter Bronski

“Water is a central environmental issue in Australia, as in other parts of the world” says Zeh, whose seminars will help superintendents address concerns about water, among other aspects of environmental management. “Conserving water supplies and protecting water quality will continue to be at the forefront of Audubon International's priorities, in Australia and elsewhere.”

Zeh's first presentation, *Habitat Management*, will explore the relationship between turfgrass and wildlife management, enhancing the managed landscape for wildlife, and minimizing management impacts of wildlife habitat. The second presentation, *The Golf Course as a Model for Environmental Sustainability*, will discuss ways to promote a positive public image of the golf course when managed with sensitivity to environmental concerns. Case studies will highlight golf courses that have educated and changed environmental behaviors within their local communities.



Four golf courses in Australia—Lakelands Golf Club in Queensland (above), The Pines course and The Palms course at Sanctuary Cove Resort also in Queensland, and Avondale Golf Club in Sydney—are Certified Audubon Cooperative Sanctuaries. Their participation in the ACSP has led to growing interest in the program and paved the way for Audubon International's first visit to Australia.

RESOURCES

Books, Websites, and Other Good Stuff

- Tired of only reading about the environmental problems we're facing? *Good News for a Change: Hope for a Troubled Planet* by David Suzuki and Holly Dressel (Stoddart Publishing, 2002, 408 pp) will give you a reason to lift your head. While the book is a bit detailed, overall, it's a comfortable read for people interested in signs of hope. Suzuki and Dressel focus on a series of success stories—people finding environmental solutions in new, innovative ways and putting sustainable living into practice. “The moment has finally arrived to talk about the solutions to environmental decline—about the good news—for a change,” says Suzuki. We agree.
- **Need a nest box?** Call or email **Coveside Conservation** to receive a catalog of high quality, attractive products. Be sure to tell them you're an Audubon International member—the company donates a portion of every purchase to Audubon International. Call 1-800-326-2807, email catalog@coveside.com, or visit them on the web at www.covesideconservation.com.
- **Looking for supplies for your school garden?** Check out **Gardening with Kids** products from the National Gardening Association at <http://store.kidsgardening.com> or call 1-800-538-7476. *GrowLab* curriculum for grades K–8 and other teacher resources are also available.
- **Journey North** is a great site for schools wanting to study bird, butterfly, and amphibian migrations. Check out: <http://www.learner.org/jnorth/index.html>.
- **Locate your watershed**, learn about water quality concerns, and find local organizations that may be able to assist you in protecting water quality on your property at: <http://epa.gov/surf>.
- Try this link for **biodiversity** status, laws, and agency resources in all U.S. states: <http://www.defenders.org/bio-st00.html>.
- Find out where to **recycle** just about anything as close to home as possible at <http://www.earth911.org>. Enter your zip code and click the material you want to recycle, in a huge array of categories.

AUDUBON COOPERATIVE SANCTUARY PROGRAM

New Members

Golf Program

Arizona

Golf Club at Eagle Mountain,
Fountain Hills
Paradise Valley Country Club,
Paradise Valley
Phoenician Resort, Scottsdale

California

Bayonet & Black Horse Golf Course,
Seaside
Metropolitan Golf Links, Oakland
MoorPark Country Club, MoorPark
Santa Rosa Golf and Country Club,
Santa Rosa
Sunset Whitney Country Club, Rocklin
Warner Springs Ranch, Warner Springs

Colorado

Grand Lake Country Club, Grand Lake

Connecticut

Litchfield Country Club, Bethlehem
Patterson Club, Fairfield

District of Columbia

Rock Creek Golf Course, Washington

Delaware

White Clay Creek Country Club,
Wilmington

Florida

Ft. Lauderdale Country Club, Plantation
Longboat Key Club—Harbourside,
Longboat Key
Longboat Key Golf Club—Islandside,
Longboat Key
Palencia Golf Club, St. Augustine
Riomar Country Club, Vero Beach
Six Lakes Country Club, North Fort Myers

Georgia

Ansley Golf Club—Ansley Course, Atlanta
Ansley Golf Club—Settindown Creek
Course, Roswell
River Club, Suwanee

Iowa

Harvester Golf Club, Rhodes
Three Elms Golf Course, Independence

Illinois

Harrison Park Golf Club, Danville
Phillips Park Golf Course, Aurora
Pinecrest Golf & Country Club, Huntley
Salt Creek Golf Course, Wood Dale
Schaumburg Golf Club, Schaumburg

Indiana

South Bend Country Club, South
Bend

Kentucky

Audubon Country Club, Louisville

Massachusetts

Chequessett Yacht and Country Club,
Wellfleet
Ledges Golf Club, South Hadley

Maryland

Chestnut Ridge Country Club, Lutherville
Longview Golf Course, Towson

Maine

Samoset Resort, Rockport

Michigan

Oakland Hills Country Club,
Bloomfield Hills
Orchard Lake Country Club, Orchard Lake
Spring Lake Country Club, Spring Lake
University of Michigan Golf Course,
Ann Arbor

Minnesota

Anoka Technical College Golf Course,
Anoka
Dacotah Ridge Golf Club, Morton

Missouri

Golf Club at Incline Village, Foristell
Hodge Park Golf Course, Kansas City
Shoal Creek Golf Course, Kansas City

North Carolina

Diamond Creek, Banner Elk
Grandover Resort, Greensboro
North Stone Golf Club, Huntersville
Pawtucket Golf, Charlotte
Winding Creek Golf Course, Thomasville

New Jersey

Bear Brook Golf Club, Fredon
Crestmont Country Club, West Orange
Forsgate Country Club, Monroe TWP
Galloway National Golf Club, Galloway
Hyatt Hills Golf Complex, Clark
Jumping Brook Country Club, Neptune
Shadow Isle Club, Colts Neck
Twisted Dune Golf Course,
Egg Harbor TWP

New York

The Creek, Locust Valley
Old Oaks Country Club, Purchase
Piping Rock Club, Locust Valley

Oregon

Lake Oswego Golf Course, Lake Oswego

Pennsylvania

Abington Fitness and Country Club,
Jenkintown
Cranberry Highlands Golf Course,
Cranberry Township
Sand Springs Golf Club, Drums

Rhode Island

Carnegie Abbey Club, Portsmouth

South Carolina

Monticello Golf Club, McCormick
Patriots Point Golf Links, Mt. Pleasant
Tara Golf Club, McCormick

Texas

Atascocita Country Club, Humble
Bayou Golf Club, Texas City
Dallas Country Club, Dallas
Palo Duro Creek Golf Club, Canyon
Timarron Country Club, Southlake

Virginia

Belle Haven Country Club, Alexandria
Country Club of Virginia, James River,
Richmond

Vermont

Neshobe Golf Club, Brandon

Washington

Port Townsend Golf Club,
Port Townsend
Sand Point Country Club, Seattle

Wisconsin

Racine Country Club, Racine

West Virginia

Stone Haven Golf Course, Daniels
Stonewall Resort, Raonoke

Canada

Country Hills Golf Club, Calgary,
Alberta
Dalewood Golf & Curling Club,
Port Hope, Ontario
Mississauga Golf and Country Club,
Mississauga, Ontario
St. Charles Country Club, Winnipeg,
Manitoba

International

Zama Golf Club, Zama APO, AR, Japan

School Program

Illinois

Forest View Elementary, Mt. Prospect

Recently Certified Audubon Cooperative Sanctuaries

Boonsboro Country Club, Lynchburg, VA
Brooks Golf Club, Okoboji, IA
Columbia-Edgewater Country Club,
Portland, OR
Cress Creek Country Club,
Shepherdstown, WV
Donald K. Gardner Memorial Golf
Course, Marion, IA
Highlands Country Club, Highlands, NC
Lake Tahoe Golf Course,
South Lake Tahoe, CA
Pebble Beach Golf Links,
Pebble Beach, CA
Range End Golf Course, Dillsburg, PA
River Course at Keystone, Keystone, CO
Washington Golf & Country Club,
Arlington, VA

Canada

Blue Springs Golf Club, Acton, Ontario
Thornhill Country Club, Thornhill,
Ontario

Recertified Audubon Cooperative Sanctuaries

Airport Golf Course, Cheyenne, WY,
certified since 2000
Amana Colonies Golf Course, Amana,
IA, certified since 2000
Aspetuck Valley Country Club,
Weston, CT, certified since 1998
Beatrice Country Club, Beatrice, NE,
certified since 1996
Bethesda Country Club, Bethesda, MD,
certified since 1998
Blue Heron Pines Golf Club,
Cologne, NJ, certified since 2000
Blue Hills Country Club,
Kansas City, MO, certified since 1996

Brooklake Country Club,
Florham Park, NJ, certified since 1998
Castle Pines Golf Club, Castle Rock, CO,
certified since 1994
Countryside Golf Course, Mundelein, IL,
certified since 1996
Del Monte Golf Course, Pebble Beach,
CA, certified since 2000
Eagle Springs Golf Course, St. Louis, MO,
certified since 2000
Fowler's Mill Golf Course, Chesterland,
OH, certified since 1994
Foxfire Golf & Country Club,
Naples, FL, certified since 1998
Greenwood Hills Country Club,
Wausau, WI, certified since 2000
Griffin Industries (Orlando),
Orlando, FL, certified since 1999
Hop Meadow Country Club, Simsbury,
CT, certified since 1995
Hyannisport Club, Hyannisport, MA,
certified since 1994
Innsbrook Resort Golf Course,
Innsbrook, MO, certified since 2000
Izatsy Golf & Yacht Club, Onamia, MN,
certified since 1996
Lemon Bay Golf Club, Englewood, FL,
certified since 1999
Links at Spanish Bay, Pebble Beach, CA,
certified since 1994
Little Bennett Golf Course, Clarksburg,
MD, certified since 2000
Manila Southwoods Golf & CC, Carmona,
Cavite, Philippines, certified since 1999
Minisceongo Golf Club, Pomona, NY,
certified since 2000
Padre Isles Country Club, Corpus
Christi, TX, certified since 1998
Pumpkin Ridge Golf Club, North
Plains, OR, certified since 1996
Quail Run Golf Course, Lapine, OR,
certified since 1996
Sand Creek Country Club, Chesterton, IN,
certified since 1996
Sandy Hollow Golf Course, Rockford, IL,
certified since 2000
Silver Creek Valley Country Club,
San Jose, CA, certified since 1999
Spyglass Hill Golf Course, Pebble
Beach, CA, certified since 2000
Tiara Rado Golf Course, Grand Junction,
CO, certified since 2000
Timbers at Troy, Elkridge, MD,
certified since 1998
TPC at Snoqualmie Ridge, Snoqualmie,
WA, certified since 2000
Winding River Golf Course, Indi-
anapolis, IN, certified since 2000
Woodway Country Club, Darien, CT,
certified since 1994

AUDUBON SIGNATURE PROGRAM

New Signature Members

The Villages at Sumter, The Villages, FL

Earth Fund to Boost Support for Programs

There are now two new ways to give support for Audubon International's efforts to help protect the water, wildlife, and natural resources in communities around the country and the world. Audubon International's *Earth Fund: Individual Giving Campaign* offers a tax-deductible vehicle for you to make a personal contribution to Audubon International. Individuals receive our new *Treasuring Home* booklet—with information and tips on the things you can do where you live to protect the natural environment—and a year subscription to *Stewardship News*. Likewise, our *Earth Fund: Corporate Giving Campaign* provides a tax-deductible way for your business or organization to make a contribution in support of our efforts.



Donations to the *Earth Fund* provide vital support to Audubon International's ongoing programs to protect and preserve water resources and biodiversity and promote sustainable development. They are critical to helping us reach out to new communities and build program membership in the coming years. For more information about contributing to Audubon International's Earth Fund, please visit our website at www.audubonintl.org/projects/earthfund/index.htm, or contact us for more information.

STEWARDSHIP NEWS

Audubon International publishes *Stewardship News* six times a year. Inquiries, contributions or letters to the editor should be addressed to:

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Audubon International
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Selkirk, NY 12158

Or sent via e-mail to: jmackay@audubonintl.org

Editor: Jean Mackay, *Director of Educational Services*

Design and Printing: Benchmark Printing, Schenectady, NY

Audubon International is a non-profit environmental organization dedicated to improving the quality of life and the environment through research, education, and conservation assistance.

The Audubon Cooperative Sanctuary System (ACSS) and the Audubon Signature Program provide environmental education and technical assistance to facilitate voluntary environmental stewardship on private and public lands.

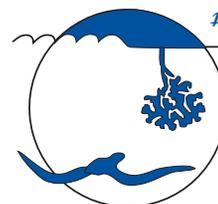
Funding is provided by memberships, donations, and program sponsorship. The ACSS Golf Program is sponsored by The United States Golf Association.

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Helping people help the environment



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