# Appendix K. Education Technical Team Report

#### **Technical Team Members**

Kim Bailey, DNR Environmental Protection Division - EEinGeorgia.org

Melanie Biersmith, Georgia 4-H

Berkeley Boone, DNR Wildlife Resources Division - Charlie Elliott Wildlife Center

Amanda Buice, Georgia Department of Education

Casey Corbett, Georgia Southern University - Center for Wildlife

Rusty Garrison, DNR Wildlife Resources Division - Charlie Elliott Wildlife Center and Project WILD

Caleb Griner, DNR Wildlife Resources Division - Shooting Sports Program

Deborah Harris, US Fish & Wildlife Service

Kris Irwin, UGA Warnell School of Forestry & Natural Resources and Environmental Education Alliance of GA

Jeff Jackson, Georgia Department of Transportation

Tamara Johnson, US Fish & Wildlife Service

Melissa Martin, Flint Riverquarium

Linda May, DNR Wildlife Resources Division - Nongame Conservation Section

Paul Medders, DNR Coastal Resources Division

Joseph Mendelson, Zoo Atlanta

Kim Morris-Zarneke, Georgia Aquarium

Robert Phillips, Georgia Wildlife Federation

Carla Rapp, Georgia Forestry Association - Project Learning Tree

Cindy Reittinger, DNR State Parks and Historic Sites

Anne Shenk, State Botanical Garden of Georgia

Vicky B. Smith, A-Z Animals and Cochran Mill Nature Center

Lisa Weinstein, Turner Foundation

Karan Wood, Captain Planet Foundation

#### **Purpose of this Report**

In 2005, the Wildlife Resources Division of Georgia Department of Natural Resources (DNR) with various partner agencies and organizations completed a comprehensive statewide plan for conserving Georgia's wildlife. The best available data on the distribution and abundance of wildlife in the state was used to create this conservation strategy, now referred to as the State Wildlife Action Plan (SWAP). It examined the extent and condition of habitats required by these species and threats to these habitats, as well as addressed research and survey needs, habitat restoration needs and monitoring needs. The original SWAP also included an assessment of current regulations, policies, and programs for wildlife conservation in Georgia. Several technical teams were formed to address specific elements of this plan, including a group to strategize how environmental education could be used as an effective tool for conservation.

The GA DNR made a commitment to review and revise the SWAP every ten years. Therefore, the technical teams reconvened to produce an updated wildlife conservation plan for Georgia. In Fall 2013, thirty environmental educators from various agencies and organizations were invited to

serve on the SWAP Education Revision Team. Twenty-three of them agreed to help with updating the statewide strategy for wildlife conservation education, offering their time and expertise in-kind. At their first meeting in January 2014, since many of the team members were new to this effort, DNR staff familiarized the group with the SWAP and the original education report. The team then determined which of the 2005 recommendations were still relevant and in need of implementation, which could be revised and consolidated, and which would best be addressed by the SWAP Communications Team. The Education Team also added a few conservation actions to complete their revised list of recommendations below:

- 1. Assess the current level of wildlife conservation literacy among Georgia citizens;
- 2. Create educational core concepts with key messages that support the main SWAP themes;
- 3. Identify and develop targeted educational materials to facilitate the delivery of SWAP conservation messages to the public;
- 4. Improve communication of SWAP messages to regional education networks and community groups; and
- 5. Through the SWAP Advisory Board, implement the resolution to develop an Environmental Literacy Plan in Georgia.

Based on areas of expertise, the SWAP Education Team divided into five subcommittees (one per conservation action) to further develop these recommendations. They were charged with writing a more detailed description with justifications as well as determining funding sources, lead organizations, partners, and other variables required for successful implementation. The group reconvened in March 2014 to review each subcommittee's work. For the entire group to access and further develop the five conservation actions, sharable files were created via Google Docs. In May 2014, the Education Team's revision was complete and ready for review by the SWAP Advisory Board. Public comments were incorporated in July 2015, prior to submission to the U. S. Fish and Wildlife Service for approval.

# **Environmental Education in Georgia**

The health and well-being of Georgia's plants, wildlife, and people depends on the quality and integrity of the environment. Loss, degradation, and fragmentation of habitat are the greatest problems facing fish and wildlife. To effectively protect Georgia's natural heritage, the public must be aware of and engaged in conservation.

More than 400 organizations including private non-profit and for-profit entities, universities and governmental agencies provide environmental education programs for the citizens of Georgia. A statewide network of about 250 environmental educators, the Environmental Education Alliance (EEA) of Georgia, supports these organizations through their annual conference, an outdoor learning symposium, an accredited environmental education certification program, and networking opportunities. EEinGeorgia.org, the online guide to environmental education in Georgia, makes information about environmental education resources readily available. This comprehensive website is a collaborative effort of the Environmental Protection Division (EPD) of the Department of Natural Resources (DNR), the Department of Community Affairs, the Department of Education (DOE) and EEA. It includes EE lesson plans for all grades and subjects based on the state education standards, a searchable directory of EE organizations and their

resources, facts about Georgia's environment, and a calendar of EE events.

#### **SWAP Environmental Education Team Recommendations**

1. Assess the current level of wildlife conservation literacy among Georgia citizens.

A statewide survey to measure environmental literacy of Georgia residents has never been conducted. We recommend that a survey be developed and conducted to establish a baseline of wildlife conservation knowledge and to measure the effectiveness of environmental education initiatives in Georgia. While many examples of environmental literacy surveys exist, a subcommittee of the Environmental Education Technical Team reviewed the following surveys and recommends them as suitable models for Georgia:

- National Environmental Education and Training Foundations report Understanding Environmental Literacy in America: And Making it a Reality (https://archive.org/details/ERIC\_ED522832)
- The First Pennsylvania Environmental Readiness for the 21st Century Survey Report by the Pennsylvania Center for Environmental Education (http://www.pcee.org/Research/research\_1main.asp)
- Report Card on Minnesotan's Environmental Literacy (2003-04) by the Wilder Research Center (http://www.seek.state.mn.us/eemn\_b.cfm)

The major steps required to implement a statewide survey include:

- Determine the key conservation and environmental issues affecting Georgia's wildlife resources today by consulting with SWAP technical teams and other experts. Potential concerns may include habitat loss and alteration, controlling invasive exotic species, education about misunderstood or feared species, and the lack of consistent funding for nongame conservation and environmental education. Partner with a local university or independent research firm to develop survey questions that will assess the knowledge, attitudes, and behaviors of Georgians regarding these key issues.
- Determine how to best collect data from various ages and audience types.
- Conduct a statistically valid phone survey of Georgia citizens, legislators and community leaders to determine their knowledge of key conservation issues.
- Work with the SWAP Communications team to post these questions on the GA DNR website and/or via software like Survey Monkey, and encourage citizens to take this quiz (with the understanding that the web instrument lacks statistical independence between survey respondents, so this survey would only be an index of understanding of these issues).
- Create some an incentive for participating in the survey (i.e., random drawing for a gift certificate).

Funding required for this project may be minimal. Graduate students may be utilized for analysis and reporting, and DNR Wildlife Resources already has a Survey Monkey account. Partners to help promote survey participation include various environmental education groups, Georgia Public Broadcasting, Parent-Teacher Associations (PTAs), colleges, nature-oriented groups. Ideally, we would like to receive at least 250,000 responses to effectively analyze and summarize the results of this wildlife literacy survey.

# 2. Create educational core concepts with messages that support the main SWAP themes.

Under the leadership of the Georgia DNR Wildlife Resources Division, a team of partners including content experts (such as SWAP taxa team members), educators, and public affairs experts will create a SWAP logo with 'slogan' as well as a set of educational core concepts with key messages. The content experts will provide expertise in science and natural resources, and the educators and public affairs experts will provide guidance related to the readability and effectiveness of message construction. The focus will be on conserving all of Georgia's natural resources including plants, wildlife and their habitats, while calling every Georgia citizen to responsible action.

The core concepts will be fairly broad and simple, while the key messages supporting each core concept will address the SWAP themes more specifically. The implementation committee should strive to convey that every species matters, that everyone's actions impact our natural resources, and that we can all have a share in protecting the quality of our environment and maintaining biodiversity. The importance of consistent funding for wildlife conservation and education should also be emphasized. The results of the environmental literacy survey (if completed) will provide a valuable resource for developing core concepts and message content.

We recommend limiting the list to five core concepts with associated key messages that tie back to the main SWAP themes, as most people are capable of processing only five to nine different pieces of information at a time (George Miller, 1956 "Magical number seven plus or minus two," <a href="http://www.musanim.com/miller1956/">http://www.musanim.com/miller1956/</a>). Key messages can be adapted to fit the conservation concerns in specific ecoregions and for particular audiences. We not only need to focus on what we want people to know, but also what we want them to do and how they can help with specific calls to action.

The Conservation Education Core Concepts developed by the Association of Fish & Wildlife Agencies (AFWA) provides a national example of core concepts with supporting messages, which may serve as a good reference for this Georgia SWAP Education initiative: <a href="http://jjcdev.com/~fishwild/?section=conservation\_education\_core\_concepts">http://jjcdev.com/~fishwild/?section=conservation\_education\_core\_concepts</a>

Another helpful reference is a toolkit for creating engaging messages, developed by the Audubon Society in partnership with the U.S. Fish and Wildlife Service and the Environmental Education and Training Partnership: <a href="http://web4.audubon.org/educate/toolkit/pdf/section-c.pdf">http://web4.audubon.org/educate/toolkit/pdf/section-c.pdf</a>

Funding for this work could be minimal with in-kind donations of staff time. Indicators of success include agreement on the core concepts and supporting messages by partner agencies and organization, as well as their cooperation by incorporating these themes into their communications,

materials, and conservation work. A future wildlife literacy survey, when compared to a baseline survey, could reveal if these messages have impacted the behavior of Georgia citizens.

3. Identify and develop targeted educational materials to facilitate the delivery of SWAP conservation messages to the public.

To help Georgia's environmental educators promote the SWAP's core concepts and key messages, easy-to-use resources should be identified and produced. The goal is to make available exemplary and innovative resources, tools, materials, and models consistent with the goals, priorities, and technical expertise in the SWAP. Materials should be tailored to the general public as well as formal and informal educators, property owners, land managers, recreationists, businesses, faith communities, and students (K-12 and college level) who will become the next generation of caretakers of Georgia's natural environments. SWAP materials and models should:

- Encourage Georgians to get outdoors and connect with nature, learn about the environment, reduce unfounded fears about wildlife (such as snakes), and/or participate in environmental stewardship and conservation projects such as scientifically sound citizen science and service learning.
- Include effective curricula in science and other STEM fields, technical references, handson materials and website information.
- Be disseminated via DNR websites, EEinGeorgia website, and other partner websites, as well as at festivals, college awareness days, and other venues.
- Be accessible through an organized, online database that links education programs and resources with SWAP priorities. So that users can easily identify conservation materials that pertain to them, such a database should offer search and filter functions that allow users to sort information by:
  - geographic area/ecoregion within the state
  - particular habitats or plant/animal communities
  - conservation threats
  - key conservation actions identified in the SWAP
  - audience
  - gaps in resources, where new materials and models need to be created

EEinGeorgia.org is the most comprehensive source of environmental educational materials for K-12 students and teachers. The effectiveness of this tremendous resource could be enhanced by adding search filters specific to SWAP and stewardship. In addition, an EEinGeorgia link or button should be prominently displayed on GA DNR Division websites (such as <a href="http://www.georgiawildlife.com/">http://www.georgiawildlife.com/</a>), GA DOE websites, and other websites used by Georgia educators. GA DNR and partners' web pages should be updated with resources and opportunities for stewardship, citizen science and environmental education. SWAP brochures, in the style of EEinGeorgia's one-page summary of Farm to School resources (<a href="http://growing-minds.org/lesson-plans">http://growing-minds.org/lesson-plans</a>), are needed for various target audiences.

Funding possibilities should be investigated, including through The Environmental Resource Network (TERN), to enhance the search and filtering functions of the EEinGeorgia website so that it's easier to find SWAP-consistent educational resources related to priority species and/or habitats

for any part of the state. Other funding sources or grants may need to be pursued to enhance the DNR/SWAP website so that it can offer more educational content for landowners and other stakeholders, market educational messages, and analyze website usage.

Many of Georgia's natural resources are managed by public agencies, but since most wildlife lives on private land, landowners play an important role in sustaining habitat and protecting biodiversity. Sustainable natural resources depend on the support of an informed and responsible citizenry. The public must be aware and supportive of conservation actions necessary to protect Georgia's natural heritage.

4. Improve communication of SWAP messages to regional education networks and community groups

SWAP educational messages and materials will best be disseminated through existing ecoregional networks. Working with EEA, EEinGeorgia, Georgia Science Teachers Association (GSTA), DNR Nongame Conservation, DNR Hunter Education, Natural Resources Conservation Service (NRCS), land trusts, advocacy groups (i.e., Riverkeepers), and other agencies/organizations, leaders/moderators within each ecoregion and in priority land acquisition areas first need to be identified. Virtually or via in-person workshops, representatives could network with each other, learn about the unique features and issues of their ecoregion, discover easy-to-use materials for teaching about high priority conservation issues, and incorporate the SWAP messages into their programming. Education partners also could deliver messages to people as they engage in outdoor recreation -- at boat access points, campgrounds, and through guides and outfitters.

To further infuse SWAP themes and messages into current practices, educators could work with various SWAP technical team members (namely Communications) to identify good stories that can be used to hook learners on issues in that ecoregion. In addition to the general public, target audiences will include school children, teachers (including pre-service), outdoor enthusiasts, and community groups that affect land use (private property owners, business leaders, government officials, etc.). To encourage buy-in by these groups, community gatherings could integrate SWAP strategies with local issues, thereby creating a common educational strategy.

We also suggest developing a GovDelivery bulletin to better disseminate SWAP messages. For two-way communication, a Facebook page should be developed. Also consider creating a SWAP clearinghouse website, separate from or part of the GA DNR Wildlife Resources Division website (www.georgiawildlife.com).

The effectiveness SWAP communications may be evidenced by the following performance indicators:

- # of downloads of educational materials and other website analytics
- # of additional open online environmental education resources and technical information available through eeingeorgia.org or Georgia DNR web pages
- # of requests for information resulting from personal interaction at festivals, meetings, training
- Tracking the distribution of printed materials

- Results of click rates and other web analytics, as well as short, instant surveys at targeted
  websites and outdoor places where people visit, to measure awareness of SWAP-related
  educational materials such as GA DNR's e-newsletter, Dragonfly Gazette (Project WET),
  Junior Rangers (DNR State Parks), and EEinGeorgia.org
- Development of new materials to fill gaps, as needed
- 5. Through the SWAP Advisory Board, implement the resolution to develop an Environmental Literacy Plan in Georgia.

Many citizens enjoy our state's rich cultural and natural heritage, and they cherish outdoor memories from childhood. Therefore, Georgia's parents tend to be passionate about their children's education and the environment in which they are raised. They also are concerned about their health and the future of the economy. These concerns are justified, because our quality of life is threatened. Our energy practices are not sustainable, our schools are struggling to meet national standards, and many of the fields and forests we once explored have disappeared. Today's youth spend their time in front of electronic screens. All of these issues are inextricably linked to environmental literacy. To reverse this trend, citizens must understand the conservation issues we face in order to make informed decisions about our state's environmental health. We must increase our state's environmental literacy in order to sustain and improve our way of life.

According to the North American Association for Environmental Education (NAAEE), creating an environmental literacy plan (ELP) provides the framework for school systems to expand and improve their environmental education programs. A state environmental literacy plan ensures that environmental education is integrated into formal education systems, that a consistency and accuracy in environmental content knowledge is established, and that underserved communities are engaged.

The SWAP Advisory board should support the Georgia Department of Education in creating an ELP. In partnership, the Department of Natural Resources' Wildlife Resources Division can advise the Georgia Department of Education on how to best address wildlife conservation concepts in the ELP. Currently, no federal funds are available in regards to the No Child Left Inside Act. Private and local sources must be sought. However, in the meantime, the SWAP Advisory Board could become involved in the development of the Next Generation Science Standards as a near-term goal. <a href="http://www.nextgenscience.org/Georgia">http://www.nextgenscience.org/Georgia</a>

The actual development of the ELP could be accomplished with no additional funds other than gifts in-kind, by allowing employees to serve on a writing committee. Success would include a resolution signed by the Governor, a functioning Georgia Partnership for Children in Nature (GPCN), a completed ELP, and annual assessment of progress towards becoming an environmentally literate adult. To measure effectiveness, we need a method of measuring baseline knowledge and health data, increased time spent in nature by children, and how exposure to the outdoors affects test scores and health (perhaps via a survey to assess literacy upon graduation).

#### Conclusion

The State Wildlife Action Plan presents us with an opportunity to: 1) educate the citizens of

Georgia about natural communities and the conservation priorities within their ecoregions; and 2) measure the effectiveness of the campaign. These goals can be accomplished by establishing a baseline of knowledge through a wildlife literacy survey, incorporating those findings into SWAP core concepts and messages, identifying and creating teaching resources that target specific audiences, and taking advantage of Georgia's strong and diverse network of environmental educators and other conservation organizations to effectively communicate how we can all play a role in protecting biodiversity. Future surveys and studies can aim to measure the long-term effectiveness of these efforts.

# Georgia Wildlife Education Providers

This list was compiled with contributions from the Environmental Education of Georgia website (<a href="www.eeingeorgia.org">www.eeingeorgia.org</a>) and other sources. Audiences served are arranged by Level III Ecoregions in Georgia (<a href="www.hort.purdue.edu/newcrop/cropmap/georgia/maps/GAeco3.html">www.hort.purdue.edu/newcrop/cropmap/georgia/maps/GAeco3.html</a>), as well as organizations that offer wildlife education statewide.

### Blue Ridge (Ecoregion 66)

Amicalola Falls State Lodge Park, Dawsonville, Dawson County

Anna Ruby Falls/U.S. Forest Service, Helen, White County

Birding Adventures Inc., Atlanta, DeKalb County

Blue Ridge Outdoor Education Center, Toccoa, Stephens County

Camp Toccoa/Camp Fire USA Georgia Council, Toccoa, Stephens County

Dalton-Whitfield Solid Waste Authority, Whitfield County

Fort Mountain State Park, Chatsworth, Murray County

Medicine Bow, Ltd., Dahlonega, Lumpkin County

Northeast Georgia Youth Science & Technology Center (GYSTC), Clarkesville, Habersham County

Rolling Thunder Enterprises, Jasper, Pickens County

Smithgall Woods-Dukes Creek Conservation Area/DNR, Helen, White County

Soque River Watershed Association, Clarkesville, Habersham County

Tallulah Gorge State Park, Tallulah Falls, Rabun County

Tellus Science Museum, Cartersville, Bartow County

Unicoi State Lodge Park, Helen, White County

Upper Etowah River Alliance, Canton, Cherokee County

Wahsega 4-H Center, Dahlonega, Lumpkin County

Wildlife Rehab Sanctuary & Outdoor Educational Program, Ellijay, Gilmer County

Wildlife Wonders - ZOO TO YOU, Cleveland, White County

#### Southwestern Appalachians/Ridge & Valley (Ecoregions 67 and 68)

Arrowhead Environmental Education Center (GA DNR Wildlife Resources), Armuchee, Floyd County

Birding Adventures Inc., Atlanta, DeKalb County

Cloudland Canyon State Park, Rising Fawn, Dade County

Dalton-Whitfield Solid Waste Authority, Whitfield County

Georgia Girl Guides, Rising Fawn, Dade County

Georgia WildTalk, Armuchee, Floyd County

# Red Top Mountain State Park, Acworth, Bartow County

# Piedmont (Ecoregion 45)

Altizer Lab, Athens, Clarke County

Anna Ruby Falls/U.S. Forest Service, Helen, White County

Arabia Mountain Nature Preserve, Lithonia, DeKalb County

Athens-Clarke County Recycling Division, Athens, Clarke County

Atlanta Audubon Society, Atlanta, Fulton/Dekalb County

Atlanta Reptile Connection, Atlanta, Fulton County

Autrey Mill Nature Preserve, John's Creek, Fulton County

Bear Hollow Wildlife Trail, Athens, Clarke County

Birding Adventures, Inc., Atlanta, DeKalb County

Blue Ridge Outdoor Education Center, Toccoa, Stephens County

Callaway Gardens Education Department, Pine Mountain, Harris County

Camp Toccoa/Camp Fire USA Georgia Council, Toccoa, Stephens County

Cane Creek Farm, Cumming, Forsyth County

Charlie Elliott Wildlife Center (GA DNR Wildlife Resources), Mansfield, Jasper County

Chattahoochee Nature Center, Roswell, Fulton County

Chattahoochee-Oconee National Forests, Gainesville, Hall County

Chattahoochee River Environmental Education Center (National Park Service), Alpharetta,

**Fulton County** 

City of Alpharetta Department of Engineering/Public Works, Alpharetta, Fulton County

City of Roswell Environmental Protection Unit, Roswell, Fulton County

Cobb County Adopt-A-Stream, Cobb County

Cochran Mill Nature Center, Palmetto, Fulton County

Dauset Trails Nature Center, Jackson, Butts County

Dunwoody Nature Center, Inc., Dunwoody, DeKalb County

EcoAddendum, Decatur, DeKalb County

EcoReach (UGA Odum School of Ecology), Athens, Clarke County

Elachee Nature Science Center, Gainesville, Hall County

F. D. Roosevelt State Park, Pine Mountain, Harris County

Fernbank Museum of Natural History, Atlanta, DeKalb County

Fernbank Science Center, Atlanta, DeKalb County

Forty Oaks Nature Preserve, Clarkston, DeKalb County

Georgia Aquarium, Atlanta, Fulton County

Georgia Museum of Natural History, Athens, Clarke County

Georgia Wildlife Federation - Alcovy Conservation Center, Covington, Newton County

Georgia Wildlife Federation - Mill Creek Nature Center, Buford, Gwinnett County

Gordon Georgia Youth Science & Technology Center (GYSTC at Gordon College), Barnesville,

**Lamar County** 

Greening Youth Foundation, Atlanta, Fulton County

Gwinnett Adopt-A-Stream, Buford, Gwinnett County

Gwinnett Environmental & Heritage Center, Buford, Gwinnett County

Hard Labor Creek State Park, Rutledge, Morgan County

Hightower Educational Forest, Dawsonville, Dawson County

Homestead Atlanta, Atlanta, Fulton County

John Tanner State Park, Carrollton, Carroll County

Keep Forsyth County Beautiful, Cumming, Forsyth County

Lazy B Farm, Statham, Barrow County

Mistletoe State Park, Appling, Columbia County

National Wildlife Federation--Southeastern Natural Resource Center, Atlanta, Fulton County

Nature Corners, Peachtree City, Fayette County

Newman Wetlands Center, Hampton, Clayton County

Oconee River Georgia Youth Science and Technology Center (GYSTC), Winterville, Clarke County

Outdoor Activity Center (West Atlanta Watershed Alliance), Atlanta, Fulton County

Oxford Institute for Environmental Education, Oxford, Newton County

Panola Mountain State Conservation Park, Stockbridge, Henry County

Piedmont National Wildlife Refuge, Round Oak, Jones County

Reynolds Nature Preserve, Morrow, Clayton County

Rock Eagle 4-H Center, Eatonton, Putnam County

Sandy Creek Nature Center, Athens, Clarke County

Science Excitement Inc., Marietta, Cobb County

Serenbe Farms, Chattahoochee Hills, Fulton County

Southeast Institute for Place-Based Education, Palmetto, Fulton County

Spring Valley EcoFarms, Athens, Clarke County

State Botanical Garden of Georgia, Athens, Clarke County

Stone Mountain Park, Stone Mountain, DeKalb County

Sweetwater Creek State Conservation Park, Lithia Springs, Douglas County

Trees Atlanta, Atlanta, Fulton County

Victoria Bryant State Park, Royston, Franklin County

Warm Springs National Fish Hatchery (US Fish & Wildlife Service), Warm Springs, Meriwether County

Warnell School of Forestry and Natural Resources, Athens, Clarke County

Watson-Brown Foundation, Thomson, McDuffie County

Wild Intelligence, Athens, Clarke County

Wylde Center, Decatur, DeKalb County

Zoo Atlanta, Atlanta, Fulton County

### Southeastern Plains (Ecoregion 65)

Albany Audubon Society, Albany, Dougherty County

Bartram Forest, Milledgeville, Baldwin County

Birdsong Nature Center, Thomasville, Thomas County

Bond Swamp National Wildlife Refuge, Round Oak, Jones County

Coastal Rivers Water Planning and Policy Center, Statesboro, Bulloch County

Flint RiverQuarium, Albany, Dougherty County

Florence Marina State Park, Omaha, Stewart County

General Coffee State Park, Nicholls, Coffee County

George T. Bagby State Park, Fort Gaines, Clay County

Georgia College & State University Outdoor Education Programs, Milledgeville, Baldwin County

Go Fish Education Center (GA DNR Wildlife Resources), Perry, Houston County

Grand Bay Wetland Education Center (GA DNR Wildlife Resources), Valdosta, Lowndes County

Keep Tift Beautiful, Tifton, Tift County

Leaders in Environmental Action for the Future (LEAF - The Nature Conservancy), Atlanta, Fulton County

Little Ocmulgee State Park, McRae, Wheeler County

Magnolia Springs State Park, Millen, Jenkins County

McDuffie Environmental Education Center (GA DNR Wildlife Resources), Thomson, McDuffie County

Middle Georgia Youth Science & Technology Center (GYSTC), Warner Robbins, Houston County

Museum of Arts and Sciences, Macon, Bibb County

Oxbow Meadows Environmental Learning Center, Columbus, Muscogee County

Parks at Chehaw, Albany, Dougherty County

Phinizy Swamp Nature Park (Southeastern Natural Sciences Academy), Augusta, Richmond County

Providence Canyon State Park, Lumpkin, Stewart County

Reed Bingham State Park, Adel, Colquitt County

Spirit Creek Educational Forest (Georgia Forestry Commission), Hephzibah, Richmond County

# Southern Coastal Plain (Ecoregion 75)

Bull River Cruises, Savannah, Chatham County

Burton 4-H Center on Tybee Island, Tybee Island, Chatham County

Coastal Ark (GA DNR Coastal Resources), Brunswick, Glynn County

Coastal Georgia Audubon Society, Brunswick, Glynn County

Coastal Audubon Society, Brunswick, Glynn County

Coastal Resources Division (GA DNR), Brunswick, Glynn County

Coastal Rivers Water Planning and Policy Center, Statesboro, Bulloch County

Crooked River State Park, St. Mary's, Camden County

Driftwood Education Center, St. Simons, Glynn County

Georgia Sea Turtle Center, Jekyll Island, Glynn County

Jekyll Island 4-H Center, Jekyll Island, Glynn County

Leaders in Environmental Action for the Future (LEAF - The Nature Conservancy), Atlanta, Fulton County

Mary Kahrs Warnell Forest Education Center, Guyton, Effingham County

Oatland Island Education Center, Savannah, Chatham County

Ogeechee Audubon Society, Savannah, Chatham County

Okefenokee Education and Research Center, Folkston, Charlton County

Okefenokee National Wildlife Refuge, Charlton County

Okefenokee Swamp Park, Waycross, Ware County

Sapelo Island National Estuarine Research Reserve, Darien, McIntosh County

Skidaway Island State Park, Savannah, Chatham County

St. Catherines Island Sea Turtle Conservation Program, St. Catherines Island, Liberty County

Stephen C. Foster State Park, Fargo, Charlton County

Taylor Schoettle, Author and Naturalist, Darien, McIntosh County

Tidelands Nature Center, Jekyll Island, Glynn County

Tybee Island Marine Science Center, Tybee Island, Chatham County University of Georgia Marine Education Center and Aquarium, Savannah, Chatham County

### Serve a Statewide Audience

A-Z Animals, Fayetteville, Fayette County

Discover Life, Athens, Clarke County

Environmental Education Alliance of Georgia

EEinGEORGIA.org (GA DNR Environmental Protection)

Garden Club of Georgia, Athens, Clarke County

Georgia 4-H Environmental Education Program

Georgia Adopt-A-Stream (GA DNR-EPD), Atlanta, Fulton County

Georgia Botanical Society, Marietta, Cobb County

Georgia Department of Natural Resources - Environmental Protection Division

Georgia Department of Natural Resources - State Parks and Historic Sites (65 sites)

Georgia Department of Natural Resources - Wildlife Resources Division

Georgia Native Plant Society, Atlanta, Fulton County

Georgia Organics, Atlanta, Fulton County

Georgia Parent Teacher Association (PTA), Atlanta, Fulton County

Georgia Power, Atlanta, Fulton County

Georgia Project Learning Tree (Georgia Forestry Foundation), Forsyth, Monroe County

Georgia Project WET (GA DNR Environmental Protection), Atlanta, Fulton County

Georgia Project WILD (GA DNR Wildlife Resources), Mansfield, Newton County

Georgia Reptile Society, Dry Branch, Twiggs County

Georgia River Network, Athens, Clarke County

Georgia Wildlife Federation - Alcovy Conservation Center HQ, Covington, Newton County

Georgia Youth Science & Technology Centers (GYSTC)

Monarchs Across Georgia (Environmental Education Alliance), Atlanta, Fulton County

Nature Conservancy (Georgia Chapter), Atlanta, Fulton County

Southeastern Reptile Rescue, Orchard Hill, Spalding County

US Department of Agriculture - Forest Service