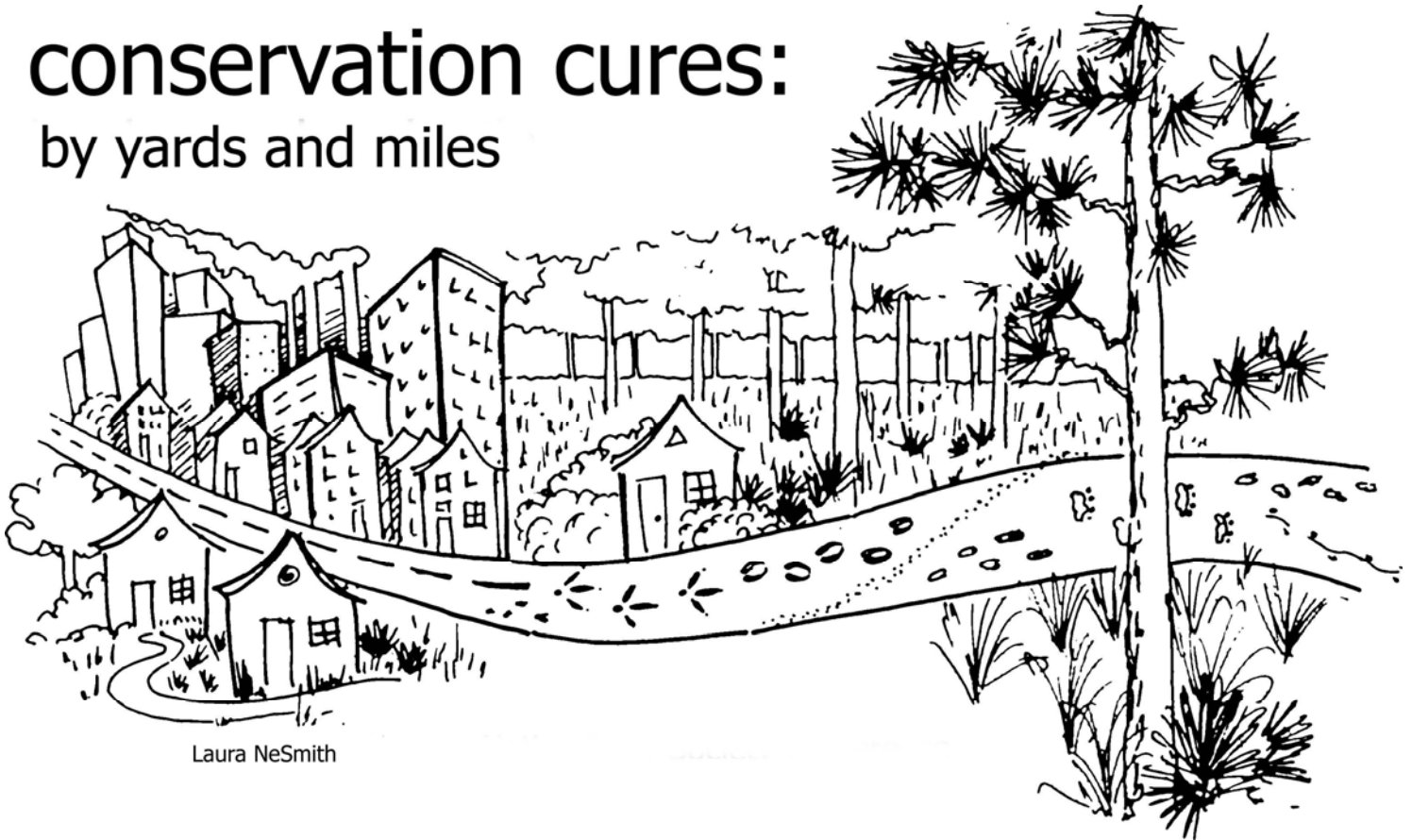


# Florida Native Plant Society

## 27<sup>th</sup> Annual Conference

conservation cures:  
by yards and miles



**Hilton University of Florida  
Conference Center  
Gainesville, Florida  
April 19-22, 2007**



[www.VisitGainesville.com](http://www.VisitGainesville.com)

This event has been financed in part by a Tourist Development Tax Grant from the Alachua County Commissioners in conjunction with the Alachua County Tourist Development Council.

**Hosted by the  
Paynes Prairie Chapter**



Homeowners, gardeners, environmental consultants, landscapers, community planners, teachers, students and nature lovers alike are all encouraged to attend.

***YOU DO NOT NEED TO BE A MEMBER OF  
THE FLORIDA NATIVE PLANT SOCIETY TO ATTEND***

- ◆ Attendees can choose to participate in field trips, workshops, and educational talks.
- ◆ Field trips include nature walks, bicycling, and canoeing in state parks and natural areas surrounding Gainesville.

The workshops and talks are divided into three areas: Homeowner, Environmental, and Scientific.

- ◆ Homeowner track will focus on using native plants in yards and local landscape.
- ◆ Conservation track will focus on conservation issues in Florida's natural areas.
- ◆ Scientific track will focus on current scientific research in conservation.

You can participate for a single day or attend the entire conference. Fees listed on last page.

Visit vendors selling books, art, items of horticultural interest, and native plants. **NO REGISTRATION OR FEES REQUIRED.**

# Schedule at a Glance

## Wednesday, April 18

4:30 pm - 8:00 pm Check-in/Registration

## Thursday, April 19

6:30 am - 8:00 pm Check-in/Registration  
7:30 am - 5:00 pm Field Trips and Workshops (times vary)  
5:00 pm - 7:00 pm FNPS Board of Directors Meeting  
6:00 pm - 7:30 pm Welcome Reception- Hilton poolside

## Friday, April 20, 2007

7:00 am - 6:00 pm Check-in/Registration  
9:00 am - 6:00 pm Vendors, Exhibits, & Silent Auction inside; Native Plant Sale poolside under the oaks  
8:00 am - 9:30 am Welcome and Opening Session  
9:30 am - 10:00 am Break  
10:00 am - 11:30 am Concurrent Sessions  
11:30 am - 1:00 pm Lunch on own (Box lunches available for on-site purchase through Hilton Hotel.)  
Committee Meetings  
1:00 pm - 3:00 pm Concurrent Sessions  
3:00 pm - 3:30 pm Break  
3:30 pm - 5:00 pm Concurrent Sessions  
6:00 pm - 8:00 pm Social at Florida Museum of Natural History  
Author Book Signing (no sales, bring your books)  
Plant ID Contest

## Saturday, April 21, 2007

7:00 am - 6:00 pm Check-in/Registration  
9:00 am - 6:00 pm Vendors, Exhibits, & Silent Auction inside; Native Plant Sale poolside under the oaks  
8:30 am - 10:00 am Welcome, Opening Session, and Palmetto Awards  
10:00 am - 10:30 am Break  
10:30 am - Noon FNPS General Membership Meeting/Elections and Landscape Awards  
Noon - 1:30 pm Lunch on own (Box lunches available for on-site purchase through Hilton Hotel.) Committee Meetings  
1:30 pm - 3:00 pm Concurrent Sessions  
3:00 pm - 3:30 pm Break  
3:30 pm End of Silent Auction and Raffle  
5:00 pm - 6:00 pm Silent Auction and Raffle prize pick-up  
3:30 pm - 5:00 pm Concurrent Sessions  
6:00 pm - 9:00 pm Gala Dinner at Harn Museum of Art at the University of Florida Cultural Plaza

## Sunday, April 22, 2007

7:00 am - 10:00 am Registration  
7:30 am - 2:00 pm Field Trips (trip times vary)  
8:00 am - 10:00 am Silent Auction and Raffle prize pick-up

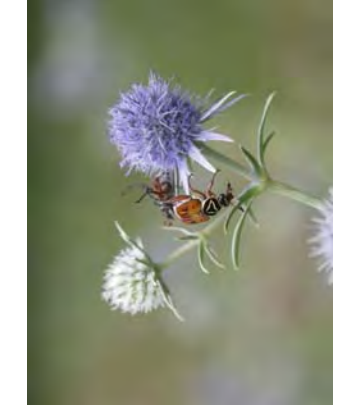
# SCHEDULE THURSDAY, APRIL 19, 2007

6:30 am-8:00 pm	Check-in/Registration	
7:30 am-5:00 pm	Field Trips (See page 7- 10 for trip and workshop details)	
8:00 am-Noon	Birdscaping Your Yard Bubba Scales, Co-owner Wild Birds Unlimited, Gainesville	Azalea Room
8:00 am-1:00 pm	Spiranthes Field Workshop in Goethe State Forest Paul Martin Brown, Noted Author and Orchid Taxonomist	Meet in front of Ballroom A
9:00 am-Noon	Invasive Exotic Pest Plant Management Erick Smith, University of Florida	Hickory Room
8:30 am-Noon	Small Landowner Restoration Techniques Dave Conser, Alachua County Extension Forester and Scot Talley, Florida Fish and Wildlife Conservation Commission	Meet in front of Ballroom A
10:00 am-Noon	Caring for Young Trees Earline Lurhman, City of Gainesville, Urban Forestry Inspector	Azalea Room
10:00 am-2:00 pm	Stormwater Pond Design Mark Clark, Assistant Professor, Wetland Ecology, University of Florida, and Fritz Olson, Executive Director Adopt-A-River	Hawthorne Room
1:00 pm-3:00 pm	Plant ID: Common Lawn and Garden Weeds, David Hall, Environmental and Forensic Consultant	Azalea Room
1:45 pm-5:00 pm	Two Topics at University of Florida Environmental Landscape Horticulture Education Lab: Efficient Irrigation and Plant Establishment Wendy Wilber, Environmental Horticulture Extension Agent	Meet in front of Ballroom A
5:00 pm-7:00 pm	FNPS Board of Directors Meeting	Century B
6:00 pm-7:30 pm	Welcome Reception- Hilton poolside	

# SCHEDULE FRIDAY, APRIL 20, 2007

7:00 am-6:00 pm	Check-in/Registration										
8:00 am-9:30 am	Welcome, Opening Session and FNPS Endowment Awards										
9:00 am-6:00 pm	Vendors in Hawthorne, Azalea, Hickory; Educational Exhibits in foyer; Silent Auction in Live Oak; Native Plant Sale poolside under oak trees										
9:30 am-10:00 am	Break										
10:00 am-11:30 am	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Conservation by Yards Homeowner Track in Ballroom B</th> <th style="width: 33%;">Conservation by Miles Environmental Track in Ballroom C</th> <th style="width: 33%;">Science Track in Dogwood</th> <th style="width: 33%;">Workshop in Ballroom A</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;">                     Edible and Medicinal Plants of Florida in April                      Susan Marynowski, Herbal &amp; Environmental Consultant                 </td> <td style="vertical-align: top;">                     Water Level Decline in the Apalachicola River and Effects on Flood Plain Forests                      Helen Light, US Geological Survey Scientist                       Land Conservation and Springs Protection: Recent Achievements, Big Challenges                      Fay Baird, Senior Hydrologist, Pandion Systems, Inc.                 </td> <td style="vertical-align: top;">                     See page 11 for schedule and presentation titles                 </td> <td style="vertical-align: top;">                     Panel Discussion: The Role of Private Land Trusts in Conservation                      Members of Alachua Conservation Trust,                      Conservation Trust of Florida, and Putnam Land Conservancy                 </td> </tr> </tbody> </table>	Conservation by Yards Homeowner Track in Ballroom B	Conservation by Miles Environmental Track in Ballroom C	Science Track in Dogwood	Workshop in Ballroom A	Edible and Medicinal Plants of Florida in April Susan Marynowski, Herbal & Environmental Consultant	Water Level Decline in the Apalachicola River and Effects on Flood Plain Forests Helen Light, US Geological Survey Scientist  Land Conservation and Springs Protection: Recent Achievements, Big Challenges Fay Baird, Senior Hydrologist, Pandion Systems, Inc.	See page 11 for schedule and presentation titles	Panel Discussion: The Role of Private Land Trusts in Conservation Members of Alachua Conservation Trust, Conservation Trust of Florida, and Putnam Land Conservancy		
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Lunch on own (Box lunches available for on-site purchase through Hilton UF Hotel.) Committee Meetings			
11:30 am-1:00 pm	Conservation by Yards Homeowner Track in Ballroom B	Conservation by Miles Environmental Track in Ballroom C	Science Track in Dogwood
1:00 pm-3:00 pm	<p>An Amateur's Thoughts on Starting Longleaf Pine Restoration John Winn, Private Landowner, Longleaf Pine Restoration</p> <p>Mulch as an Upland Restoration Tool Brandt Henningsen, SW Florida Water Management District</p> <p>Gopher Tortoise Public Advocacy Ray and Pat Ashton, Ashton Biodiversity Research and Preservation Institute, Inc.</p>	<p>The Everglades: Approaches for its Restoration Rosanna Rivero, GIS / Urban and Regional Planner / Interdisciplinary Ecologist</p> <p>Everglades in Bloom Chuck McCartney, Writer and Editor, Miami Herald</p> <p>Deering Rehydration Project Craig Grossenbacher, Mgr., Natural Resources Planning Section, Miami-Dade Co. Dept. of Environmental Resources Management</p> <p>Native Plants and Other Wilds of the Big Cypress National Preserve Steve Woodmansee, Senior Biologist, Institute for Regional Conservation</p>	<p>Successful Native Landscapes Larry Teague, Landscape Architect, Zamia Designs</p> <p>An interactive presentation and discussion with an experienced landscape architect focusing on successful native urban landscapes. How does a good design integrate the owner's perspective, the landscape contractor's perspective and the maintenance perspective?</p>
3:00 pm-3:30 pm	Break		
3:30 pm-5:00 pm	<p>Conservation by Yards Homeowner Track in Ballroom B</p> <p>Ditch of Dreams - History of the Cross Florida Barge Canal Steve Noll, Department of History, UF and David Tegeeder, Santa Fe Community College</p>	<p>Conservation by Miles Environmental Track in Ballroom C</p> <p>Laurel Wilt: A New Disease Threatening Redbay, Avocado and Related Plants Bud Mayfield, Florida DACS Division of Forestry</p> <p>Connectivity for Wildlife in Florida Tom Hocter, Res. Assoc., UF Geoplan Center</p>	<p>Science Track in Dogwood</p> <p>Poster Session See page 11 for presentation titles</p>
6:00 pm-8:00 pm	<p>Social at Florida Museum of Natural History at the University of Florida Cultural Plaza Author Book Signing (no sales, bring your books)</p>		



# SCHEDULE SATURDAY, APRIL 21, 2007

7:00 am-6:00 pm	Check-in/Registration			
8:30 am-10:00 am	Welcome, Opening Session, and Palmetto Awards KEYNOTE SPEAKER: William Cullina, Nursery Director at the New England Wild Flower Society and Author Empowering Conservation: Grassroots Action That Makes a Difference			
9:00 am-6:00 pm	Vendors in Hawthorne, Azalea, Hickory; Exhibits in foyer; Silent Auction in Live Oak; Native Plant Sale poolside under oak trees			
10:00 am-10:30 am	Break			
10:30 am-Noon	FNPS General Membership Meeting/Elections and Landscape Awards			
Noon-1:30 pm	Lunch on own (Box lunches available for on-site purchase through Hilton UF Hotel) Committee Meetings			
1:30 pm-3:00 pm	<p><b>Conservation by Yards</b> <b>Homeowner Track in Ballroom B</b></p> <p>Techniques, Tips, and Tricks for Propagating Native Plants Hector Perez, Asst. Prof., Environmental Horticulture Dept., UF</p> <p>Butterflies and Their Host Plants Marc Minno, Author and Biologist, St. John's River Water Management District</p> <p>Learn About Florida's Flora, Fauna and Ecosystems in the Florida Master Naturalist Program Marty Main, Assoc. Prof., Wildlife Ecologist, UF</p>	<p><b>Conservation by Miles</b> <b>Environmental Track in Ballroom C</b></p> <p>1949: How the Fence Law Doomed Florida Andy Clewell, Botanist and Author</p> <p>A History of Land Conservation in Florida Mark Glisson, Environmental Admin., Dept. of Environmental Protection</p> <p>Conservation in Florida: It's Not Too Late, But Almost Reed Noss, Davis Shine Professor, Conservation Biology, UCF</p>	<p><b>Science Track</b> <b>in Dogwood</b></p> <p>See page 12 for schedule and presentation titles</p>	<p><b>Workshop</b> <b>in Ballroom A</b></p> <p>Exotic Pest Plant Control for Homeowners Ken Langeland and Michael Meisenberg</p> <p>Center for Aquatic and Invasive Plants, UF</p>
3:00 pm-3:30 pm	Break			
3:30 pm-5:00 pm	<p><b>Conservation by Yards</b> <b>Homeowner Track in Ballroom B</b></p> <p>Sustainable Landscaping: Conservation in Your Yard Barbra Larson, Florida Yards and Neighborhoods</p> <p>With One Stroke of the Pen: How Can Environmental Professionals Involve Developers &amp; Policymakers in Creating Resource Efficient Communities? Mark Hostetler, Asst. Prof., UF Wildlife Ecology &amp; Conservation Dept.</p>	<p><b>Conservation by Miles</b> <b>Environmental Track in Ballroom C</b></p> <p>Aspiring for Fox Squirrels While Battling Bahia and Celebrating Blazing Stars: Considerations Along the Road to Restoration Jack Putz, Professor, Botany Dept., UF</p> <p>The Gory Details of Native Ground Cover Restoration in Florida's Pinelands Anne Barkdoli, Environ. Specialist, FL Div of Recreation and Parks</p> <p>Redoak Woods Restoration Linda Duever, Environmental Consultant</p>	<p><b>Science Track</b> <b>in Dogwood</b></p> <p>See page 12 for schedule and presentation titles</p>	<p><b>Workshop</b> <b>in Ballroom A</b></p> <p>Panel Discussion - Florida Forever: Next Generation Mark Glisson, Division of State Lands, DEP</p> <p>Ken Recee, Florida Communities Trust, Department of community Affairs</p> <p>Ramesh Buch, Alachua County Environmental Protection Department</p> <p>Sue Mullins, The Nature Conservancy</p>
6:00 pm-9:00 pm	<p><b>Gala Dinner</b> at Harn Museum of Art at the University of Florida Cultural Plaza Enjoy a buffet Dinner surrounded by works of fine art in a gallery setting accompanied by acoustic music.</p>			

# Workshops Thursday, April 19, 2007

## **W-1** *Birdscaping Your Yard*

Bubba Scales, Co-owner Wild Birds Unlimited, Gainesville

Time: 8:00 am-Noon

Limit: 15

Workshop duration: 1.5 hr indoors; 2 hr outdoors (carpooling to Lake Alice on UF campus)

Your native plant landscape can benefit from a birdwatcher's makeover. In the first part of this workshop, participants will discuss concepts in bird friendly native plant gardening and landscaping with an emphasis on nest box specifications for many of Florida's backyard birds from Carolina Wren to Purple Martin. In the second part, participants will seek to observe many of those same species in the field at nearby Lake Alice with an emphasis on identifying birds by ear and interpreting behavior.

## **W-2** *Spiranthes Field Workshop in Goethe State Forest*

Paul Martin Brown, Noted Author and Orchid Taxonomist

Time: 8:00 am – 1:00 pm

Limit: 10

Workshop duration: 1 hr drive each way (carpooling); 3 hr workshop

Although the delicate flowers of ladies'-tresses, genus *Spiranthes*, are easily recognized, identification to species can be difficult. For orchid enthusiasts this workshop is your opportunity to learn from renowned orchid expert Paul Martin Brown how to identify spring-flowering species of *Spiranthes* in Central Florida. Small class size will facilitate one-on-one instruction from Paul. Paul has spent nine years working with the wild orchids of Goethe State Forest. He has authored *Wild Orchids of Florida* and eight other regional field guides, and is editor for the *North American Native Orchid Journal*. Enjoy the beauty of some of the largest tracts of contiguous, old-growth pine flatwoods in Florida as you look for six species of flowering *Spiranthes*, including *brevilabris*, *floridana*, *eatonii*, *praecox*, *sylvatica*, and *vernalis*. Other orchid species, such as grass-pinks, *Calopogon multiflorus* and *C. barbatus*, and rose pogonia, *Pogonia ophioglossoides*, may be seen. Participants will be given a copy of Paul's 'Key to the Genus *Spiranthes* of Central Florida.' Bring your binoculars, because Goethe also has one of the largest red-cockaded woodpecker populations on public lands in Florida.

## **W-3** *Invasive Exotic Pest Plant Management*

Erick Smith, University of Florida

Time: 9:00 am-Noon

Learn how to develop a plan to control exotic invasive plants. We will visit an invaded urban site, collect field data, and then return to the Hilton to outline the basics of a management plan.

## **W-4** *Planting and Establishment of Young Trees*

Earline Lurhman, City of Gainesville, Urban Forestry Inspector

Time: 10:00 am-Noon

Earline will discuss placing new trees in the landscape and how to plant, water and establish young trees. The group will then move to Archer Road in Gainesville and plant several trees in honor of Earth Day. The City of Gainesville Arborist, Tree Advisory Board, Florida Urban Forestry Council, and Mayor of Gainesville will be at the tree planting.

## **W-5** *Stormwater Pond Design for Wildlife*

Dr. Mark Clark, Extension Specialist in Wetlands and Water Quality, University of Florida Soil and Water Science Department and

Fritzi Olson, Executive Director, Adopt-A-River

Time: 10:00 am-2:00 pm

Dr. Mark Clark of IFAS will conduct the workshop to teach methods that address the problem of nutrient loading in our waterways. The workshop is designed to teach these new methods to agency staff, landscapers, homeowners, and others whose work involves storm-water ponds in some manner. Please join us in learning better ways to manage and design stormwater ponds. Our goal needs to be a "no net nutrient increase" policy in our stormwater practices in addition to the past emphasis on "no net volume increase." The workshop will have both a classroom component and hands-on activity.

## **W-6** *Small Landowner Restoration Techniques*

Dave Conser, Florida Division of Forestry, Alachua County Extension Forester and Scotland Talley, Florida Fish & Wildlife Conservation Commission

Time: 8:30 am-Noon

This workshop will explore opportunities for private landowners to restore the longleaf pine ecosystem, including wildlife habitat considerations. The workshop will take place in the field on a property where successful long-leaf restoration efforts are ongoing and the highly diverse groundcover of this ecosystem is well expressed. Weather permitting, we will demonstrate a small prescribed burn as part of the workshop.

## **W-7** *Two Topics at the University of Florida Environmental Landscape Horticulture Education Lab*

Time: 1:45 pm-5:00 pm

### *Efficient Irrigation and Plant Establishment*

Wendy Wilber, Alachua County Environmental Horticulture Extension Agent. 1 hour

### *Preservation and Restoration of Urban Trees*

Dr. Ed Gilman, Professor, Urban Trees and Landscape Plants, Environmental Horticulture Department, University of Florida

This 2-hour walking tour will showcase recent experiments on tree production, root and top pruning techniques and weather resistance models.

## **W-8** *Plant ID: Common Lawn and Garden Weeds*

David Hall, Environmental and Forensic Consultant

Limit: 25 people; Pre-registration required

Time: 1:00 pm-3:00 pm

Florida has "weeds" that take advantage of every climatic change, soil type and landscape opening. Do these weeds have any value? Dr. Hall will help you identify the most common "weeds" that seem to occur year after year in our gardens and yards.

# Field Trips Thursday, April 19, 2007

## A *Ordway-Swisher Biological Station*

**Trip Rating:** Easy  
**Hotel departure time:** 7:30 am - ca. 1 hr drive from hotel  
**Trip duration:** 4 hr (excluding travel time)  
**Guide:** Dick Franz, Associate Scientist, Florida Museum of Natural History  
**Limit:** 20

Take advantage of this invitation to visit a Florida landscape which few Floridians get to experience. The property was formerly the private hunting and fishing preserve of a Jacksonville family and is now managed by the University of Florida as study/conservation area. The Station contains a mosaic of habitats such as sandhill, baygall, wetland, xeric hammock, and upland mixed forest (see <http://ordway-swisher.ufl.edu/index.htm>). Your guide, Dick Franz, is an expert on the natural history of the sandhill ecosystem, including the isolated, ephemeral ponds essential in the life histories of many species, such as the striped newt. Dick is an engaging speaker who will also share his expertise on techniques used to study the local plants and animals, such as gopher tortoises, upland amphibians, and Florida mice. Dick has worked 40 years on a diverse array of natural history studies in Florida and the Caribbean. He has published more than 150 scientific and popular papers on crustaceans, amphibians, reptiles, other vertebrates, and most recently fossil tortoises.

## B *O'Leno State Park and River Rise State Preserve*

**Trip Rating:** Moderate  
**Hotel departure time:** 7:30 am - ca. 50 min drive from hotel  
**Trip duration:** 6 hr (excluding travel time)  
**Guide:** Anne Barkdoll, Environmental Specialist, Florida Park Service  
**Limit:** 12  
**Cost:** \$4.00 per car at park gate

Take a walk through time on this 6+ mile hike as you explore the natural land bridge where the Santa Fe River goes underground in O'Leno State Park and reemerges over three miles away in River Rise State Park, before resuming its journey to the Suwannee River. The area was important for prehistoric and historic peoples; a portion of the old Bellamy Road remains. O'Leno, one of Florida's first state parks, was developed by the Civilian Conservation Corps in the 1930s. The trip will cross a diversity of habitats such as mesic flatwoods, bottomland forest, upland hardwood forest, and upland pine habitats. O'Leno is known for its spring wildflower display, which can include wild azaleas, violets, milkworts, and other flatwoods plants. Your leader, Anne, has her Ph.D. in Plant Pathology and her M.S. in Soil Science from the University of Florida. Her current focus is upland restoration, invasive exotic plant control, cultural resources, and prescribed fire.

## C *Ocala National Forest – Riverside Island*

**Trip Rating:** Moderate  
**Hotel departure time:** 7:45 am - 1 hr drive from hotel  
**Trip duration:** ca. 4 hr (excluding travel time)  
**Guide:** Carol Lippincott  
**Limit:** 15

Ocala National Forest contains some of the best remaining stands of longleaf pine and wiregrass in central Florida. Enjoy these open, rolling sandhill forests and spring wildflowers as you hike four miles of the National Scenic Trail. Endangered red-cockaded woodpeckers nest in the forest and their cavities are easily observed. The trail is a personal favorite of your guide, Carol Lippincott, a native Floridian who is an independent environmental consultant living in Gainesville. She has her Ph.D. in Botany, with an emphasis on Ecology, from the University of Florida. The trail is popular locally, so the hike is scheduled during the week to ensure participants can experience this habitat in relative serenity.

## D *Silver River Pontoon Boat Trip*

**Trip Rating:** Easy  
**Hotel departure time:** 7:45 am and 11:45 am (two trips) – 1 hr 15 min. drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Captain Vince Druding, Awareness Adventures Inc.  
**Limit:** 12  
**Cost:** \$15.00 per person

Silver Springs is world renowned as the largest documented artesian outflow and for its long history as a tourist attraction with reputedly the first glass bottom boats. What is not publicized is the beautiful journey the spring water takes along the pristine Silver River to the Ocklawaha River through dense swamps and floodplain forests of cypress, ash, gum and red maple. More than a dozen small springs occur below the head springs, and abundant vegetation and fish are easily seen in the crystalline water. A diversity of wildlife utilizes the lowland habitat, including wading birds, alligators, turtles, river otters, and the most unusual local denizens, the Rhesus monkeys, originally released by an early concessionaire in the 1930's. Captain Vince has been leading river trips for more than 15 years and is a graduate of the Florida Master Naturalist Program. This trip along 6 miles of the Silver River to the head springs is a favorite of the local Audubon Society Chapter and Silver River State Park volunteers.

## E *From Pinelands to the Gulf – Road Trip to Cedar Key*

**Trip Rating:** Easy  
**Hotel departure time:** 8:00 am  
**Trip duration:** ca. 4-5 hr (excluding 1 hour travel time back to Gainesville)  
**Guide:** Dana Griffin, University of Florida Botanist (retired)  
**Limit:** 20

Enjoy the delightful botanical narratives of trip leader Dana Griffin during multiple stops along a scenic country drive to the charming Gulf Coast village of Cedar Key. For Dana, who taught a local flora class for 34 years, every plant has a fascinating story to tell; origins of its scientific name, unusual properties, uses by indigenous people, etc. Dana's educational story-telling is legendary and this "March to the Sea" trip always receives rave reviews by participants. Participants can see over 50 species of flowering plants in diverse road-side habitats ranging from pine flatwoods, scrub, and fresh and salt water wetlands. At the end of the trail, Cedar Key offers excellent seafood restaurants (the clams are locally grown), historical sites (including the recently restored Andrews house which exhibits equipment used to manufacture Donax whisk brooms from palm fiber), and great bird watching.

## F *Rice Creek Conservation Area*

**Trip Rating:** Difficult  
**Hotel departure time:** 7:30 am – ca. 1 hour drive from hotel  
**Trip duration:** ca. 5 hr (excluding travel time from hotel)  
**Guide:** Willy the Losen  
**Limit:** 15

This hike will take participants deep into the swamp that forms the headwaters of Rice Creek, a large tributary of the St. Johns River. An 18<sup>th</sup> century rice and indigo plantation on this site has since reverted back to a magnificent swamp and floodplain forest. One part of the hike will follow the Florida Trail on top of what remains of the plantation dikes. Another part of the hike will be off-trail and may require wading, depending upon water levels. The focus of the hike will be to find the handful of remaining old growth cypress. One of these living giants is about 8 feet in diameter, while others have hollow cavities large enough for several people to stand in. Your leader for this adventurous hike is Willy the Losen, a true Florida native who was born and raised in the Putnam/Alachua County area. Willy has spent countless hours in the Rice Creek area hiking, exploring, and maintaining the Florida Trail. Last April, he and a group of concerned citizens formed the Putnam County Land Conservancy to help ensure that the amazing natural areas of Putnam County remain connected and preserved for future generations of wildlife and people.

## Field Trips Thursday, April 19, 2007

### G Paynes Prairie – La Chua Trail

**Trip Rating:** Moderate  
**Hotel departure time:** 8:15 am - ca. 30 min drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Howard Adams, Ranger, Paynes Prairie State Preserve  
**Limit:** 20

Join a Paynes Prairie Ranger for a three mile walk on the La Chua Trail, which begins on a beautiful oak hammock bluff and descends onto an earthen dike that leads through the vast wet prairie landscape to an elevated observation deck. Seasonally, dazzling displays of marsh marigolds, American lotus, and pickerelweed paint this “*Great Alachua Savannah*” just as described by naturalist and artist William Bartram, in his 1774 book *Travels*. Paynes Prairie Preserve is a natural resource of national importance with more than 25 distinct biological communities comprised of more than 800 plant species providing an impressive array of habitat for wildlife. Visitors can observe alligators, bison, wild horses, sandhill cranes, bald eagles, hawks, and migrating song birds. Come discover why the Preserve is recognized as a National Natural Landmark and has been a lure for people for over 12,000 years (see [www.prairiefriends.org](http://www.prairiefriends.org)).

### H Cross Creek Canoe Trip

**Trip Rating:** Easy  
**Hotel departure time:** 8:15 am – ca. 50 min. drive from hotel  
**Trip duration:** ca. 3.5 hr (excluding travel time)  
**Guide:** Lars Andersen  
**Limit:** 22  
**Cost:** \$25.00 per person for boat rental; \$15.00 per person if bringing own boat; these prices represent a special discount for the FNPS meeting

Cross Creek is a charming little thread of water connecting two of North Florida's most beautiful and storied lakes, Orange and Lochloosa. On its brief, mile-long run, the slow flowing Cross Creek meanders lazily under a nearly complete canopy of oak, maple and moss draped cypress. On the downstream end, Orange Lake is a vast, open expanse, famous for its “floating islands” and density of bald eagles. There's hardly a more scenic setting in North Florida to enjoy osprey, cormorants, anhingas, several duck species, egrets, herons, and of course alligators and turtles (see [www.adventureoutpost.net](http://www.adventureoutpost.net)). After your canoe trip, take time to visit the historic home (now a state park) of Cross Creek's most famous resident, author Marjorie Kinnan Rawlings, who won a Pulitzer Prize in 1939 for *The Yearling*. Lars Andersen is a well-known naturalist and full time river guide, leading tours on over 40 waterways throughout North Florida. Lars is a published Florida historian (including *Paynes Prairie*, Pineapple Press, 2001 and 2004) and his columns and articles have appeared in several publications.

### J Split Rock Conservation Area

**Trip Rating:** Moderate  
**Hotel departure time:** 8:30 am - 15 min. drive from hotel  
(Transportation will be provided)  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guides:** Geoff Parks and Susie Hetrick, Habitat Naturalists with City of Gainesville Nature Operations Division  
**Limit:** 30

Find out why Split Rock is the best kept secret of the Gainesville Park System. Habitat diversity, an impressive limestone outcropping, and limited access make this park a favorite among local botanists and bird watchers. The park boasts hammocks with huge swamp chestnut oaks (*Quercus michauxii*) and red bays (*Persea borbonia*), and a wide range of upland plant species, including rough leaf cornel (*Cornus asperifolia*), sand holly (*Ilex ambigua*), buckthorn (*Sageretia minutiflora*), and black-seed needlegrass (*Piptochaetium avenaceum*). A seepage stream, Hogtown Creek, meanders through a picturesque floodplain forest of water elms (*Planera aquatica*) with understory plants such as clustered sedge (*Carex glaucescens*), starrush whitetop (*Rhynchospora colorata*), and dotted smartweed (*Polygonum punctatum*). Bring your binoculars, because with both field research experience and graduate coursework in bird conservation, Geoff knows his birds. He is currently pursuing his M.S. in botany at the University of Florida. Susie studied botany as an undergraduate and received her M.S. in wetlands ecology from UF.

### K Morningside Nature Center

**Trip Rating:** Easy  
**Hotel departure time:** 8:45 am - ca. 20 min. drive from hotel  
**Trip duration:** ca. 2 hr (excluding travel time and living history farm tour)  
**Guide:** Gary Paul, Programs Coordinator for Environmental Programming, City of Gainesville, Nature Operations Division  
**Limit:** 20

Come “botanize” in remarkably pristine pine flatwood and sandhill habitats in the crown jewel of the Gainesville Nature Parks System (see [www.natureoperations.org](http://www.natureoperations.org)). Morningside has the most diverse living collection of wildflowers and plants in the region (550+ species), which your leader Gary Paul is currently describing in a plant guidebook of the park. Participants will be given a checklist of the wildflowers and selected woody plants of the park. Spring blooming flowers include the milkweed (*Asclepias amplexicaulis*), white lobelia (*Lobelia paludosa*), the meadow beauty (*Rhexia petiolata*), the morning glory (*Stylisma patens*, *Stylodon carneum*), 2 species of *Tephrosia*, and the long-leaf violet (*Viola lanceolata*). Gary has extensive experience as a botanist, serving as Director of Leu Botanical Gardens in Orlando and Executive Director of the Huntsville-Madison County Botanical Garden in Alabama, before working at Morningside. After the botany tour, participants can tour the 10-acre living history farm at Morningside with a staff interpreter. The living history farm represents an 1870s single family farm. It features heritage breed farm animals and original historic buildings moved to Morningside from Alachua County and environs.

### L Goethe State Forest - Butterfly Field Trip

**Trip Rating:** Easy  
**Hotel departure time:** 9:00 am - ca. 1 hr drive from hotel  
**Trip duration:** 4 hr (excluding travel time)  
**Guide:** Kathy Malone, founder and president of the North American Butterfly Association (NABA) Chapter in Gainesville  
**Limit:** 20

Goethe State Forest is the secret woods of North Central Florida – 54,000 acres of wonderful wildflower, bird, and butterfly habitat that few people visit. It has large tracts of contiguous, old-growth pine flatwoods that are home to one of the largest red-cockaded woodpecker populations on public lands in Florida. During the annual 4<sup>th</sup> of July NABA butterfly count in 2006, 44 species of butterflies were spotted in Goethe. The wildflower-rich roadsides are calling cards to many beautiful butterflies, including Swallowtails and Sulphurs. Unusual species can be seen, such as the Little Metalmark, the only metalmark found in Florida, and Sweadner's Juniper Hairstreak, a green jewel of a butterfly that is locally uncommon. Your guide to the butterfly hotspots of Goethe is Kathy Malone, who began “butterflying” 11 years ago in South Florida. She moved to Gainesville two years ago to create Project Butterfly WINGS, a national 4-H informal science education program based at the Florida Museum of Natural History.

### M Lubee Bat Conservancy

**Trip Rating:** Easy  
**Hotel departure time:** 1:30 pm – 30 min drive from hotel  
**Trip duration:** ca. 1.5 hr (excluding travel time)  
**Guide:** Dana LeBlanc, Lubee Curator  
**Limit:** 20

Enjoy the unique experience of touring the Lubee Bat Conservation Center, which houses the most diverse collection of fruit and flower bats in the world and is not generally open for public tours. Founded in 1989 by the late Luis F. Bacardi, a Bacardi rum family member with a particular fondness for bats, the Lubee Center has a dynamic program of breeding, research, and global conservation for bats (see [www.lubee.org](http://www.lubee.org)). Dana LeBlanc, who has worked at Lubee for 15 years, will give a presentation on bats, their ecologically vital role as pollinators and seed dispersers, and challenges facing them in the wild. Visitors will then tour the facility to see the largest fruit bat species and some very endangered fruit bats up close. Participants can learn first-hand about the rearing, including enrichment activities, and cooperative research programs conducted at Lubee to save these fascinating and often underappreciated mammals from extinction.

## Field Trips Thursday, April 19, 2007

### **N Hidden Treasures Tour - Florida Museum of Natural History and Department of Botany**

**Trip Rating:** Easy

**Hotel departure time:** 1:30 pm

**Trip duration:** ca. 2.5 hr (transportation provided)

**Guide:** Christine Edwards, Ph.D. candidate, University of Florida, Botany Department

**Limit:** 14

Come get a "behind-the-scenes" tour of the research and collections areas at the Florida Museum of Natural History and Department of Botany, University of Florida. Participants will tour selected areas in Dickinson Hall, a unique pyramidal building now closed to the public, designed by renowned architect William Morgan. Areas will include the UF herbarium, containing more than 500,000 vascular plant and bryophyte specimens, led by collections manager Kent Perkins; the mammalogy range, with extensive manatee and marine mammal specimens, led by Laurie Wilkins; the bird range, with the world's fifth largest collection of bird skeletons; and the Botany Molecular Systematics and Ecology labs. Participants will also visit the UF Botany Department greenhouses with greenhouse manager Kathleen Kabat. Your leader, Christy Edwards, is currently studying the systematics and population genetics of several genera of mints endemic to the southeastern U.S., including *Conradina etonia*, endemic to Putnam County.

### **O McGuire Center Butterfly Garden and Vivarium**

**Trip Rating:** Easy

**Hotel departure time:** 2:00 pm – 5 minute walk from hotel

**Trip duration:** ca. 1.5 - 2 hr

**Guide:** Jaret Daniels, Ph.D., Assistant Director of Research, McGuire Center for Lepidoptera and Biodiversity and IFAS Assistant Professor of Entomology, University of Florida

**Limit:** None

**Cost:** \$7.50 adult Florida resident; \$6.50 senior over 62

Fees to be paid at McGuire Center prior to entering Butterfly Rainforest

Come learn about butterflies and butterfly gardening from an expert, Jaret Daniels, who has published over 40 scientific and popular articles on insect conservation, butterflies, and landscaping for wildlife. In the first part of the trip, participants tour the Florida Wildflower and Butterfly Garden at the Florida Museum of Natural History and McGuire Center. This newly installed outdoor exhibit showcases a variety of native Florida plants that can be used to help attract the over 186 species of Florida butterflies. Host and nectar plants are included. In the second part, participants will tour the Butterfly Rainforest, a 6,400 square-foot living tropical rainforest exhibit beautifully landscaped with waterfalls and over 600 different plant varieties and supporting some 2000 free-flying butterflies from around the world (see <http://www.flmnh.ufl.edu/butterflies>).

## Scientific Sessions Friday, April 20, 2007

### Dogwood Room

10:00 am	<i>When conservation is NOT a cure: Subsurface impacts on Florida's native plants</i> Sydney T. Bacchus
10:20 am	<i>Integrated Conservation of Florida's Orchidaceae: A Joint Report from the University of Florida and U.S. Fish and Wildlife Service</i> Scott L. Stewart*, Daniela Dutra, Timothy R. Johnson, Philip J. Kauth, Nancy Philman, Michael E. Kane, and Larry Richardson
10:40 am	<i>Assessing asymbiotic and symbiotic seed germination methods for the conservation of the Florida native orchid Eulophia alta.</i> Timothy R. Johnson*, Daniela Dutra, Michael E. Kane, Larry Richardson and Scott L. Stewart
11:00 am	<i>Asymbiotic seed germination as a tool for differentiating ecotypes of Calopogon tuberosus var. tuberosus, a Florida native orchid</i> Philip J. Kauth* and Michael E. Kane
11:20 am	Lunch & Science Advisory Committee Meeting
1:00 pm	<i>The status of the Palatka Environmental and Agricultural Reserve (PEAR) Scrub Oak/Scrub Jay Restoration Project</i> Ronald K. Plakke
1:20 pm	<i>Groundcover restoration from improved pasture to native hydric flatwoods: a comparison of four methods at Florida Fish and Wildlife Conservation Commission's Okaloacoochee Slough Wildlife Management Area in South Florida</i> Jean McCollom
1:40 pm	<i>The rarest of the rare: native plant conservation in Everglades National Park</i> George D. Gann,* Kirsten N. Hines and Jesse M. Hoffman
2:00 pm	Break
2:20 pm	<i>Microsatellite genetic diversity of the Caribbean vine Ipomoea microdactyla Griseb. (Convolvulaceae)</i> John H. Geiger
2:40 pm	<i>Tillandsia fasciculata Sw. (Bromeliaceae) in Florida: observations from herbarium specimens and the field</i> Brian J. Sidoti
3:00 pm	Break
3:30-5:00 pm	Poster Session (presenters with posters)
	<i>Pollination biology of Cyrtopodium punctatum, an endangered Florida native orchid</i> Daniela Dutra, Scott L. Stewart, Michael E. Kane, and Larry Richardson
	<i>Ecological restoration of Virginia Key</i> Juan G Fernandez and Ernesto Martinez*
	<i>Germination protocol of four pine rockland wildflowers</i> Anne L. Frances*, Jeffrey G. Norcini, and Katerine M. Turner
	<i>Coastal hammock enhancement on a lagoon spoil island</i> Dana Moller*, Laura Herren, and Jamie Monty
	<i>The Plant Restoration and Conservation Horticulture Research Consortium at the University of Florida</i> Hector E. Pérez*, Carrie R. Adams, and Michael Kane
	<i>Slope forest composition and upland disturbance history in the Apalachicola Bluffs and Ravine System in Florida</i> Jodi Slapcinsky*, Doria Gordon, and David Printiss

## Scientific Sessions Saturday, April 21, 2007

### Dogwood Room

1:30 pm	<i>Population viability analysis of the federally endangered Florida endemic Jacquemontia reclinata (Convolvulaceae): The impact of population restoration on extinction probability.</i> John B. Pascarella*, Joyce Maschinski, and Samuel Wright
1:50 pm	<i>The almost unstoppable Liatris ohlingerae: germination ecology of a Lake Wales Ridge endemic herb</i> Carl W. Weekley*, Josephine Tucker, Stephanie V. Neimeister, and Eric S. Menges
2:10 pm	<i>The role of disturbance in maintaining rare scrub plants: Examples from Brevard County, Florida</i> Paul A. Schmalzer* and Tammy E. Foster
2:30 pm	<i>Ecological Restoration Projects in City of Miami Nature Areas</i> Juan G. Fernandez* and Ernesto Martinez
2:50 pm	<i>Tracking Climate Change with Plants</i> George R. Kish*, Bradley C. Reed, and Julio L. Betancourt
3:10 pm	Break
3:30 pm	<i>Pteroglossaspis pottsii (Orchidaceae) A new species from Central Florida</i> Paul Martin Brown* and Joel DeAngelis

# Field Trips Sunday, April 22, 2007

## P Cedar Key Scrub State Reserve

**Trip Rating:** Moderate  
**Hotel departure time:** 7:45 am - 1 hr drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Carol Lippincott  
**Limit:** 15

A hike is planned through the most scenic and botanically diverse portion of this secluded reserve; scrub, flatwoods, and panoramic vistas of coastal salt marshes. Both longleaf and slash pines occur within the flatwoods but slash pines predominate. The scrub is dominated by species such as sand live oak, myrtle oak, and Chapman's oak, along with rusty lyonia and saw palmetto. The habitat is being managed by mechanical cutting and prescribed burning, which should be conducive to spring wildflowers. Your guide, Carol Lippincott, a native Floridian, is an independent environmental consultant living in Gainesville. She has her Ph.D. in Botany, with an emphasis on Ecology, from the University of Florida. Bring your binoculars, because the Florida scrub jay, bald eagles and ospreys nest in the reserve. After your hike, visit Cedar Key to enjoy excellent seafood restaurants, historical sites, and great shorebird watching.

## Q Ocklawaha Canoe Trip

**Trip Rating:** Moderate  
**Hotel departure time:** 7:45 am - ca. 1 hr 15 min from hotel  
**Trip duration:** ca. 3.5 hr (excluding travel time)  
**Guide:** Lars Andersen  
**Limit:** 14  
**Cost:** \$29.00 per person for boat rental; \$25.00 per person if bringing own boat; these prices represent a special discount for the FNPS meeting.

On this trip, you'll explore a section of the beautiful Ocklawaha that was spared destruction during the partial completion of the Cross-Florida Barge canal. The channel on this part of the river is wider than above the reservoir, offering an excellent panorama of river forests and swamps that in places extend a half mile back from the main channel. Wildlife is abundant. Cormorants and anhingas dive for fish in the tannin-stained water while wading birds tiptoe through spatterdock, pickerelweed, and cardinal flowers at the rivers edge searching for small fish, crustaceans, and amphibians to eat. Alligators and turtles are commonly seen basking on logs. Observant paddlers may also see river otters diving for fish along the river's edge (see [www.adventureoutpost.net](http://www.adventureoutpost.net)). Lars Andersen is a well-known naturalist and full time river guide, leading tours on over 40 waterways throughout north Florida. Lars is a published Florida historian (including *Paynes Prairie*, Pineapple Press, 2001 and 2004) and his columns and articles have appeared in several publications. He will provide the remarkable history of the river, the canal project and dam, where one of the most famous conflicts between politics and environmentalism occurred in Florida.

## R Goethe State Forest - Orchid Field Trip

**Trip Rating:** Easy  
**Hotel departure time:** 8:00 am - ca. 1 hr drive from hotel  
**Trip duration:** 3 hr (excluding travel time)  
**Guide:** Paul Martin Brown  
**Limit:** 15

Enjoy the beauty of some of the largest tracts of contiguous, old-growth pine flatwoods in Florida as you look for orchids with renowned orchid expert Paul Martin Brown. Paul has spent nine years working with the wild orchids of Goethe State Forest. He has authored 'Wild Orchids of Florida' and eight other regional field guides, and is editor for the 'North American Native Orchid Journal.' Up to 10 orchid species, including the grass-pinks (*Calopogon multiflorus* and *C. barbatus*), rose pogonia (*Pogonia ophioglossoides*), and six *Spiranthes* species, may be seen on this field trip. Participants will be given a copy of Paul's *Goethe Orchid Flowering Chart*. Bring your binoculars, because Goethe also has one of the largest red-cockaded woodpecker populations on public lands in Florida. The woodpeckers have been known to drop in on Paul's previous orchid field trips.

## S Ichetucknee River Canoe/Kayak Trip

**Trip Rating:** Easy  
**Hotel departure time:** 8:00 am - ca. 1 hr drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Maynard Hiss  
**Limit:** 20  
**Cost:** \$18.00 per person for canoe or kayak rental, or \$9.00 per person for shuttle if bringing your own boat; \$5.00 per person state park fee for canoeing/kayaking will be paid at the park.

The Ichetucknee River is one of the most spectacular karst spring-fed rivers in the US. Paddling this quintessential Florida river should be a rite of passage for all who cherish the unique, natural landscapes of this state. The 4 mile trip will begin at the head spring, declared a National Natural Landmark by the US Department of the Interior. The banks of the river are a picturesque mix of hardwood uplands and floodplain forest. A quarter of the trip travels through a large flooded marsh called Grassy Flats which is dominated by wild rice. The high diversity of wetland and aquatic plants and fish are abundant and easy to see through the crystalline clear water. Few people know the "Ich" better than your trip leader, Maynard Hiss, who has paddled the river once weekly for six years as a volunteer for the river patrol and monitoring program. Maynard is a Ph.D. candidate in the Department of Wildlife Ecology and Conservation, University of Florida. He works on regional conservation comprehensive planning issues, especially longleaf pine ecosystems, has a wealth of knowledge about Florida spring ecology and environmental history, and can provide valuable insight on how participants can develop a river patrol program where they live.

## T Ocala National Forest

**Trip Rating:** Moderate  
**Hotel departure time:** 8:00 am - ca. 1 hr drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Bob Simons  
**Limit:** 15

Come find out why this trip, led by retired forestry and ecology consultant Bob Simons, is a perennial favorite of the Alachua Audubon Society. The Ocala National Forest contains the largest concentration of sand pine and scrub habitat in the world, some of the best remaining stands of longleaf pine in Central Florida, and the southernmost Atlantic white cedars. Participants will take one mile hikes at several locations to see scrub, sandhill, and Atlantic white cedar wetland communities. Many species of threatened or endangered plants and animals can be found in Ocala National Forest. Plants that participants will likely see include the Atlantic white cedar, climbing fetterbush (*Pieris phillyreipholia*), largeleaf grass of Parnassus (*Parnassia grandifolia*), Florida willow (*Salix floridana*), yellow anise (*Illicium parviflora*), Ashe's calamint (*Calamintha ashei*), and the scrub morning glory (*Bonania grandiflora*). Unusual animals participants may see include the Florida scrub jay (the only bird endemic to Florida), red-cockaded woodpeckers, flying squirrels, and red widow spiders. Bob received his degree in forestry from the University of Florida in 1964. He has extensive experience in conserving, protecting, and managing areas of high biological diversity.

## U Paynes Prairie by Bicycle

**Trip Rating:** Moderate  
**Hotel departure time:** 8:00 am - ca. 30 min. drive from hotel  
**Trip duration:** ca. 3 hr (excluding travel time)  
**Guide:** Ewen Thomson  
**Limit:** 15  
Bring your own bicycle

Enjoy a guided ride on the historic Gainesville-Hawthorne Trail. See native plants and wildlife and rare vistas of the grandeur of Paynes Prairie Preserve. Trade your modern life for the days of cattle ranching, citrus groves, small railroad towns, and steam engines as you learn about the history, geology, flora, fauna, restoration, and archeology of the Preserve. The easy 12 mile ride will include frequent stops to explore points of interest. Ewen is the President of FROGHAT (Friends of Gainesville Hawthorne Trail).

## Field Trips Sunday, April 22, 2007

### V San Felasco Hammock State Preserve

**Trip Rating:** Moderate

**Hotel departure time:** 8:15 am - ca. 20 min. drive from hotel

**Trip duration:** 3 hr (excluding travel time)

**Guide:** Tony Davanzo

**Limit:** 10

**Cost:** \$2.00 per vehicle (up to 8 people per vehicle) paid at preserve parking lot; exact change needed

The 6,900 acres of San Felasco Hammock Preserve State Park contain one of the finest examples of climax mesic hammocks remaining in Florida. The park's limestone outcrops and extreme changes in elevation provide conditions for at least 18 biological communities, including sandhill, hydric hammock, upland pine and swamp. The karst topography has produced a picturesque landscape of sinkholes, steephead springs, ponds, and small lakes in the preserve. Several creeks flow through San Felasco, dropping into swallows which drain back into the aquifer. Rare and unusual plants can be found along the slopes of the ravines and sinkholes. Several champion trees are also found in the preserve. Varied wildlife, including migrating songbirds, can be observed. Your guide, Tony Davanzo, is an environmental consultant who has a MS degree in Botany from the University of Florida and a degree in Wildlife Ecology. Tony enjoys spending his free time in the forest with his four-year-old son looking for edible plants.

### W Mill Creek Nature Preserve

**Trip Rating:** Moderate

**Hotel departure time:** 8:15 am - ca. 40 min. drive from hotel

**Trip duration:** 2.5 hr (excluding travel time)

**Guide:** Sandra Vardaman and Michael Drummond, Alachua County Department of Environmental Protection

**Limit:** 20

Come discover why the 1,194 acre Mill Creek Nature Preserve was the first acquisition in the Alachua County Forever (ACF) program. The beautiful slope forests on the meandering creek system contain magnificent mature oak, hickory, basswood (*Tilia caroliniana*), maple, southern magnolia, and the southern-most population of American beech trees (*Fagus grandifolia*) in the US. Listed plants identified on the site include cinnamon fern, royal fern, greenfly orchid and pond spice. Other habitats, including pine flatwoods and mesic hammock, are in the preserve. A variety of birds, including migrating passerines, can be observed. Mill Creek is part of the Emerald Necklace Land Conservation Initiative - a publicly accessible, connected, and protected network of trails, greenways, and open space surrounding the Gainesville area. Your leader, Sandy, has her M.S. in Biology from Florida International University and has conducted environmental work for the last 17 years, including five years with the ACF.

### X Anhinga Roost

**Trip Rating:** Easy

**Hotel departure time:** 8:30 am - ca. 30 min drive from hotel

**Trip duration:** 2 hr (excluding travel time)

**Guide:** Dale Crider

**Limit:** 20

Florida's fabled environmental troubadour, Dale Crider, is opening his rustic, cypress and pine still home to the FNPS (see [www.anhingaroost.net](http://www.anhingaroost.net)). The home sits on 60 acres of land overlooking the pristine, 7,000-acre Newnans Lake. The lake was made famous during 2000 when 148 archaic canoes, ranging from 500 to 5,000 years old, were recorded in the drought-exposed lake bed. Dale is a wildlife biologist, retired from the Florida Fish & Wildlife Conservation Commission. He previously worked on Project Wild which brought schoolchildren outdoor living tips coupled with lessons about the fragile environment. Dale is famous for combining art and science in his songs about the ecosystems and animals that make Florida unique. He is happy to share his extensive knowledge of the ecology, biology, and history of the Newnans Lake area, including the use of plants for food and locomotion. Participants are welcomed to bring their own canoes or kayaks to paddle around Newnans Lake following the tour.

### Y LEAFS Sites - Longleaf Pine Restoration

**Trip Rating:** Moderate

**Hotel departure time:** 8:30 am - ca. 30 min. drive from hotel

**Trip duration:** 2 hr (excluding travel time)

**Guide:** John Winn

**Limit:** None

Want to learn about how you can restore pine flatwoods on your own property? Come visit two longleaf pine restoration sites with John Winn, trustee of the Longleaf Ecology and Forestry Society (LEAFS) who has worked on these sites for LEAFS since 1993. John's personal experience as a self-educated forester restoring pine lands on private land is invaluable and fascinating. Both LEAFS sites have interpretive trails with brochures describing the restorations, which will be provided to participants. Participants will learn about and see the results of prescribed burning and planting of longleaf pines. The diverse understory plants of flatwoods that may be seen include sundews, pawpaws, grass-pink *Calopogon tuberosus*, hooded pitcher plant *Sarracenia minor*, and tarflower *Befaria racemosa*.

### Z Ashton Biodiversity Research and Preservation Institute

**Trip Rating:** Easy

**Hotel departure time:** 8:30 am - ca. 40 min. drive from hotel

**Trip duration:** ca. 2 hr (excluding travel time)

**Guide:** Ray and Pat Ashton

**Limit:** 30

Take this rare opportunity to visit a private sandhill preserve, part of the Alachua County Forever Land Conservation Program, and see it from the perspective of one of its most intriguing and charismatic residents - the gopher tortoise. More than 400 gopher tortoises have been identified on this property, in which fire is used to maintain a tortoise-friendly, high diversity understory in the long-leaf pine/turkey oak forest. Pat Ashton, a botanist, has conducted groundbreaking studies on the complexities of tortoise diet and foraging in a habitat containing more than 500 plant species. Ray, a herpetologist, studies tortoise social behavior and proper management techniques required to save this species and its commensals. Participants will see research areas for studying low frequency sound communications by tortoises, a recent and exciting discovery at the preserve. The Ashtons co-authored the well-known *Handbook to the Reptiles and Amphibians of Florida*, and have extensive experience as field biologists, educators, authors, environmental consultants, and conservationists (see [www.ashtonbiodiversity.com](http://www.ashtonbiodiversity.com)).

### AA Prairie Creek Canoe/Kayak Trip

**Trip Rating:** Moderate (may be snags or muddy spots)

**Hotel departure time:** 8:45 am - ca. 15 min. drive from hotel

**Trip duration:** ca. 3 hr (excluding travel time)

**Guide:** Robert "Hutch" Hutchinson, Project Manager, Alachua Conservation Trust

**Limit:** 20

**Cost:** \$10.00 per person for canoe or kayak rental (no fee if participant brings their own boat)

Come visit the wildest place in Alachua County, where everything is BIG - the trees (old-growth cypress), the birds (owls, hawks, herons, and egrets), and the reptiles (turtles, snakes, and alligators). Enjoy the primordial scenery of a dark-water creek meandering through a swamp forest canopied by giant trees and highlighted by blooming blue flag irises and pickerel weed. Your leader, "Hutch", has been paddling Prairie Creek for over four decades and is delighted to share this special place with participants. Alachua Conservation Trust recently acquired additional properties in the basin, to add to the Water Management District and State Park lands along the creek. Participants will have the opportunity to take a break from paddling to hike in the surrounding ACT uplands in search of orchids and other spring-blooming plants.

## Field Trips Sunday, April 22, 2007

### AB Native Plant Commercial Landscape Tour

**Trip Rating:** Easy

**Hotel departure time:** 9:00 am (carpooling recommended)

**Trip duration:** 3 hr

**Guides:** Claudia Larsen and Brian Quinn  
Paynes Prairie Chapter Members

**Limit:** 20

A perennial favorite for the annual FNPS Conferences, this tour will visit several public properties landscaped with native plants. Veterans Park is the site of a garden planted by the Paynes Prairie FNPS members in honor of member Carl Miles. The garden is placed on a hill overlooking Chapman's Pond, a local Audubon birding hot-spot. Carl's Garden, now in its third year, is filling in with *Foresteria*, *Sideroxylon*, *Osmanthus*, *Euonymus*, *Prunus*, *Crateagus*, *Vacciniums*, *Rhamnus*, and various grasses and wildflowers. The Matheson Historical Center in downtown Gainesville received a grant to create an inner city park to connect the public library, the historic center, and the Matheson House. The garden includes many native azaleas and a drainage area planted with wetland plants and grasses. The trip will end with a custom tour of the historic Matheson House.

Registration is available on-site.

#### Conference Fees

Full 4-day Conference            \$180

#### Daily Fees

Thursday Field Trip  
or Workshop                        \$40

Friday Programs                    \$65

Saturday                              \$65

Sunday Field Trip                  \$40

Vendors and Plant Sale open to the public.  
No fee required.

For more information go to: [www.fnps.org](http://www.fnps.org)  
Or contact Claudia Larsen at 352.846.1070

Field trips and Work-  
shops that are full  
(by Letter):

Thursday Field Trips:  
E, L, M

Thursday Workshops:  
W-1, W-2, W-8

Sunday Field Trips:

P	X
R	Y
T	AB
W	