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# BotSoc News



Georgia Botanical Society

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## Annual Meeting: Georgia Botanical Society celebrates 90 years!

Our annual meeting was held on Saturday, July 30<sup>th</sup> at Black Rock Mountain State Park. In order to take advantage of the cooler morning temperatures, we went on our field trip first. Linda Chafin led the group along the Springhouse Trail from the Tennessee Rock Trail parking area to the Marie Mellinger Center. The summer flowers were in fine form and we were treated right away to flowering sweetscented Joe pye weed (*Eutrochium purpureum*), nakedflower ticktrefoil (*Desmodium nudiflorum*), and starry campion (*Silene stellata*). As we wound our way through sun and shade, we came to a damp but sunny, steep powerline that was thickly grown with cinnamon fern (*Osmunda cinnamomea*) and – to our delight – huge stems of flowering turk’s cap lily (*Lilium superbum*). After much picture taking, we skirted past a large flowering mountain summersweet (*Clethra acuminata*) and re-entered the world of shade. It was a good time for mushrooms, but we also found a couple patches of Indianpipe (*Monotropa uniflora*) and flowering rattlesnake plantain (*Goodyera pubescens*). The annual meeting hike is always one of the best, with amateur and professional botanists galore sharing their knowledge.

Once we arrived at the Marie Mellinger Center, named for one of the Society’s members, we set out a buffet of salads, drinks, and a huge platter of Jo Anne Romfh’s cookies. As we ate, several long-time members shared some of their stories of Marie Mellinger and her influence on the Society. Charles Seabrook and Steve Bowling spoke about her self-taught interest in the native flora of Georgia and her efforts to open up the Society to amateurs (membership was by invitation-only before) as well as to document the flora of Georgia.

We held elections for new officers (see page 4 for details) and reviewed the financial state of the Society with the outgoing treasurer, Rich Reaves. Linda Chafin talked about wanting help to get the information on our Marie Mellinger Field Botany Research Grant Program distributed to as many interested field researchers as possible. Richard Ware gave us an overview of the upcoming edition of *Tipularia* (spoiler alert, there **will** be a bog article to celebrate our Year of the Bog).

Outgoing president Maureen Donohue presented awards of appreciation to members who have served the Society for ten years or more: Rich and Anita Reaves, Linda Chafin, Richard and Teresa Ware, and Jenneke Somerville. Then, hoisting glasses of sparkling cider, we toasted the Georgia Botanical Society for its 90<sup>th</sup> anniversary. May it last for at least another 90 more!

See photos of the meeting on page 3

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## President's Perspective



### BotSoc News

is published seven times a year (Jan, March, May, July, September, Nov and for the Spring Wildflower Pilgrimage).

### Submission deadline

Is October 1 for the November issue.

### Subscriptions

Are included with membership.

### Website:

[www.gabotsoc.org](http://www.gabotsoc.org)

### Editorial Office

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I've just returned from the field trip to Snowy Mountain Range in Wyoming led by Rich Reaves. You can see a couple of photos of the group on BotSoc's Facebook page and no doubt you will be able to read the field trip report. Everything was fantastic – plants, weather, scenery, people, and herbarium and geology museum at University of Wyoming. We even had to trudge through snow in places!

In starting my term as President of BotSoc, I am both honored and anxious. I am honored to represent such a high-quality professional organization. Every time I open *Tipularia*, read articles in the newsletter, see gorgeous photos of plants on the website, attend the Spring Pilgrimage and join field trips, I am awed with the depth and breadth of botanical knowledge, as well as the passion and commitment for enjoying native plants and their habitats.

I'm anxious because I would like to know more about botany and BotSoc members in order to lead such a prestigious organization well. Because I live in far south Georgia and have lots of other commitments, I have been unable to fit in as many field trips as I would like in order to visit interesting sites, learn plants, and build connections with members around the state. However, I am reassured by BotSoc's history of a high level of member contributions to make the organization prosper.

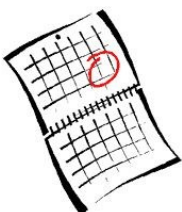
In organizing the last two pilgrimages, I learned just how much some members do to make the field trips, pilgrimage, social events and publications so enjoyable and worthwhile. My job was made easy by members volunteering to lead field trips, obtain access to sites, design t-shirt, edit brochure, recommend facilities, bring food, and clean up after the social. I also realized that our members who are botanists carry more than their share of the organization's work.

Members come with a wide range of botanical expertise and interests, ranging from botanists to plant enthusiasts to outdoor junkies. We aren't all botanists who can lead field trips, identify plants and write botanical articles, but there are many other ways to contribute to make the organization thrive. I'm not a botanist: I fit in the "plant enthusiast" category. I didn't need botanical expertise to organize the pilgrimages.

In addition to executive roles (President, Vice President, Secretary and Treasurer), there are many jobs within the organization that really don't need botanical expertise. Examples include membership, field trip committee, education committee, editors, web site maintenance as well as informal jobs like writing field trip reports, organizing events and helping with socials. I'd like to encourage all of you to volunteer in whatever role fits your own interests, skills and knowledge. The more our non-botanist members contribute, the more we reduce excessive demands on botanist members.

I look forward to seeing many of you at upcoming field trips such as Richard Carter's sedge workshop in Valdosta and Martha Joiner's weekend field trips to Manassas bog, which will be our last event for the very successful Year of the Bog.

*Heather Brasell*



**SAVE THE DATE:** You are cordially invited to the Georgia Botanical Society 2017 Pilgrimage to be held in Chattanooga, Tennessee on April 7 – 9, 2017. Please mark your calendar and watch the [website](#) for details on hotel reservations, coming soon.

# Georgia Botanical Society's Annual Meeting

These photos accompany the Annual Meeting article on page 1.



Above: *Lilium superbum*, Right: Steve Bowling speaks about Marie Mollinger.

Middle left: Jenneke Somerville with some of her t-shirt designs over the years. Middle right: Incoming President Heather Brasell (left) and Outgoing President Maureen Donohue toast BotSoc's 90th anniversary



Lower left: Tom Patrick, Steve Bowling, Jerry Hightower discuss plants. Lower right: Charles Seabrook speaks about Marie Mollinger



## Society News: Officers and Standing Committee Chairs

New officers were elected at the annual meeting; here is the current list of officers and committee chairs.

President	Heather Brasell	Heather.brasell@gmail.com
Vice President	Mitchell Kent	Mkent423@gmail.com
Treasurer	Steve & Rona Cook	gabotsoc.treasurer@gmail.com
Secretary	Ellen Corrie	ellennet@aol.com
Board	Linda Chafin	lchafin@uga.edu
	Mike Christison	mikepaddler@netscape.net
	Maureen Donohue	Marinadono67@gmail.com
	Jerry Hightower	Jerry_hightower@nps.gov
	Ellen Honeycutt	ehoneycutt@bellsouth.net
	Hal Massie	Massiefarm@aol.com
	Ed McDowell	Ed.mcdowell@cox.net
	Richard Reaves	Rich.reaves@att.net
	JoAnne Romfh	joannromfh@aol.com
	Richard Ware	gabotany@comcast.net
	Teresa Ware	teresaaware@comcast.net
Tipularia Editors	Richard Ware	
	Teresa Ware	
Newsletter Editors	Ellen Honeycutt	
	Jackie Miller	millchamga@gmail.com
Website	Merrill Morris	Merrill.morris@gmail.com
Field Trip Chair	Mike Christison	mikepaddler@netscape.net
Membership Chair	Jo Anne Romfh	joannromfh@aol.com
Education Chair	Aliya Donnell Davenport	aad@reinhardt.edu
Nominating Committee	Ed McDowell, Hal Massie, Linda Chafin and Eddi Minche	Ed.mcdowell@cox.net (chair)
Marie Mellinger Committee	Linda Chafin, Ed McDowell, Richard Ware and Elaine Nash	lchafin@uga.edu (chair)
Pilgrimage Registration	Elizabeth King	spartina@tds.net
Pilgrimage t-shirt/Merchandise	Jenneke Somerville	Jenneke1@hotmail.com
Pilgrimage Social	Jo Anne Romfh	

Would you like to help on a committee or have an idea for a new activity?  
Please contact the committee chair or any board member to inquire.

## Native Orchids You Can Find

Field trips with the Georgia Botanical Society are amazing experiences. Our field trip chairs and field trip leaders plan over 40 field trips each year, to interesting places all over the state. If you haven't been on one in a while, promise yourself that you'll find one soon. We've got a few left in 2016, and the 2017 schedule is being assembled even now.

In between trips, you can see find some of our beautiful and unique native plants in parks, along the road where you might walk, and even in your own yard. On our recent field trip at the annual meeting, we came across two blooming native orchids that can be so common that you might even find them in your yard if you've got a bit of old woodland.



The first one is crane fly orchid (*Tipularia discolor*). This single-leaf orchid is so widespread in the state that Marie Mellinger, long-time BotSoc member and leader, marked the range map in the Atlas of the Vascular Flora of Georgia with a big star to denote that it could likely be found in every county. Our annual botanical journal is named *Tipularia* in honor of this plant.

This plant looks different when it is flowering and when it is not. In the heat of the summer, the leaf fades and disappears. Seemingly out of nowhere, a thin purple stalk arises with an elongated flower cluster of 20-40 greenish-purple flowers. The stalk is without leaves, reaching up to 20 inches tall.

← Flowers in the summer and leaves in the fall →

Crane fly orchid  
(*Tipularia discolor*)

In the fall, a fresh single leaf will return. The leaf is up to 4 inches long and can be 2-3 inches wide; the underside is characteristically purple and the upperside may have purple spots. If the flowers are pollinated, by moths at night, seed capsules form and the stalk may persist into the winter.

Sometimes you find just a single orchid, but you might also find a well-developed patch of them. Each leaf is a single orchid, growing from a white corm that resembles a water chestnut. The corm is similar to another native orchid known as puttyroot, *Aplectrum hyemale*, which also develops a single, evergreen leaf that is up to 8 inches long.



## Native Orchids You Can Find

The second orchid is rattlesnake plantain (*Goodyera pubescens*). One of several *Goodyera* species native to the US, this is the only one found in Georgia. The range is mostly in the upper half of the state, with a few reported locations further south. Rattlesnake plantain is evergreen in its range, the bluish-green leaves forming a rosette that may be partially obscured by fallen leaves in the winter. The leaves have bright white mid-veins, with a network of smaller veins creating a very attractive pattern.

In the summer, a 4-18 inch stalk with a hairy stem will be topped with a cluster of small, white flowers in a dense terminal spike. Flowers are pollinated by bumblebees and other native bee species. Pollinated flowers will ripen into a capsule with many tiny, dust-like seeds.

In Georgia, rattlesnake plantain is found in oak-pine and hemlock forests with mesic conditions. It requires part-shade conditions with soils rich in organic matter that allow for consistent soil moisture. As is typical of orchids, rattlesnake plantain has a mycorrhizal relationship with fungi that starts with the seed itself.



Rattlesnake plantain  
(*Goodyera pubescens*)



When I moved to my current house some years ago, a quick survey of the wooded area found both orchids on site. I have continued to find occasional “new” patches from time to time. Whether they are actually new or just newly discovered is, of course, a mystery. In July and August, I try to track them down again so that I can admire the flowers.

Keep an eye out for these orchids in your yard or woodland areas that you might visit. You just might be surprised to find a native orchid of your own.

## Workshops

### Creating Meadow, Savanna and Other Grassland Habitats in the Southeast Workshop Tift/Berrien County

**Date:** Saturday September 24, 2016

**Description:** The objective of this workshop is to give the participants an introduction to grasslands of the Southeast and how to create them. We will start with an overview of the grass and wildflower species common to meadows, savannas and other grasslands in the Southeast. We will spend some time discussing the challenges of non-native species in grassland habitats, and then finish with a step by step program for creating new habitats and managing existing ones. The first couple of hours will be in the classroom. After lunch we will go out in to the field to look at grassland habitats in the area.

**Cost:** The cost of the workshop is \$10 to cover information packets and other administrative expenses. Please make checks out to Georgia Botanical Society and mail check to:

Heather Brasell  
9967 US 82,  
Alapaha GA 31622

**Location:** The exact location of the workshop is yet to be determined but will be in either Tifton or Alapaha (Tift or Berrien county). We'll announce this soon.

**Time:** The workshop will run from 10:00 am until 2:00 pm with a break for lunch in the middle of the day.

The workshop is limited to 15 participants and will be available on a first come first serve basis. Please send an email to Walter Bland at [jwbland3@gmail.com](mailto:jwbland3@gmail.com) with your name, address, telephone number and email, if you want to participate. Then mail your check per the instructions above.

### Upcoming Plant ID Workshops

The first two workshops (heath family and aster) were well received by an enthusiastic group of Georgia Botanical Society and Georgia Native Plant Society members. The schedule for upcoming workshops follows. Email the workshop leader to register. There is a maximum of 14 participants in each workshop, 7 from each Society.

Plant Family	Presenter	Date
Heaths (repeat)	Susan Caster SusanCaster@gmail.com	September 11, 2016
Grasses	Linda Chafin lchafin@uga.edu	October 12, 2016
Pines and Hemlocks	Leslie Edwards edwa1616@bellsouth.net	October 29, 2016

If you have general questions or if you would like to be a workshop presenter please contact Susan Caster at [SusanCaster@gmail.com](mailto:SusanCaster@gmail.com).

## Upcoming Field Trips

<p>Sep 3 10:00 AM</p>	<p><b>Big Dukes Pond Natural Area</b></p> <p>Big Dukes Pond is a 1,800-acre Carolina bay. It contains good examples of pond cypress swamp, pond cypress savanna, slash pine-mixed hardwoods, bay swamp, and sandhill scrub communities. The bay supports two species federally listed as endangered, a small population of the Canby's dropwort (<i>Oxypolis canbyi</i>) and one of Georgia's largest breeding colonies of wood stork (<i>Mycteria americana</i>). Other rare or uncommon species known from this site include awned meadowbeauty (<i>Rhexia aristosa</i>) and blue maidencane (<i>Amphicarpum muehlenbergianum</i>).</p> <p>The trip will consist of two parts. In the morning we will caravan from Millen to the bay's south side to see slash pine-pond cypress savanna, an extremely rare vegetation community and home to <i>Oxypolis canbyi</i>, which will be near the end of its flowering. We will observe small-scale restoration of this savanna that GA DNR is conducting. For lunch we will head for shade and then visit the bay's eastern sand rim with gnarled hawthorn draped in lichens, and if the water level allows we will take a peak at the woodstork rookery, where much of the seminal research on this endangered species was conducted in the 1980s. We will plan to finish up about 2 or 3 PM.</p>	<p><b>Directions:</b> Meet at McDonalds 227 Highway 25 North, Millen, GA, Jenkins County, at the SW corner of the intersection of State Hwys. 17 and 25.</p> <p><b>Facilities:</b> No.</p> <p><b>Difficulty:</b> Off-trail walking through the wetland will be the best way to see some of the habitats. There is potential for knee-deep water, so be prepared with boots/shoes and clothing that can get wet. You may consider chaps or other protection against snake-bite hazards. However, there is also plenty to see along old logging roads within the preserve. The level of "off-road walking" will be determined by the preferences of the group.</p> <p><b>Bring:</b> Water, snacks, camera, lunch, bug spray.</p> <p><b>Email the trip leader in advance if you plan to attend.</b></p>	<p>Lisa Kruse lisa.kruse@dnr.ga.gov</p>
<p>Sep 11 10:00 AM</p> <p>Note: this is a Sunday</p>	<p><b>Heath Family Plant ID Workshop</b></p> <p>This workshop will focus on the Heath family (Ericaceae), including azaleas, pipsissewa, and mountain laurel.</p> <p><b>Registration is limited to 7 Georgia BotSoc members (and 7 GNPS members); email the trip leader to register.</b></p>	<p><b>Location:</b> Vickery Creek; directions to be provided by trip leader upon registration.</p> <p><b>Bring:</b> Water, snacks, camera, lunch, bug spray and notebook.</p>	<p>Susan Caster Susan.Caster@gmail.com</p>
<p>Sep 17 10:00 AM</p>	<p><b>Lake Winfield Scott Fungal Foray</b></p> <p>We will be looking for fleshy mushrooms and any other fungi we come across, both large and small. Our emphasis will be on diversity and ecology. We have permission to collect one or two samples of what we find, which we will bring back to a central location, spread out, and review at the end.</p>	<p><b>Meet At:</b> GA 400 to GA 60 to GA 180 to Lake Winfield Scott Recreation Area. Park in the parking lot above Lake Winfield Scott bath house and walk back downhill to meet at the trailhead by 10:00 AM.</p> <p><b>Facilities:</b> Yes</p> <p><b>Bring:</b> Water, lunch, parking fee (\$5).</p>	<p>Bill Sheehan bill@productpolicy.org 706-247-2500</p>
<p>Sep 17 10:00 AM</p>	<p><b>Grand Bay WMA &amp; Lake Louise</b></p> <p>In preparation for the sedge identification workshop Sunday (September 18<sup>th</sup>), the focus of this field trip will be graminoids – especially sedges – of Grand Bay Wildlife Management Area (WMA) and the Lake Louise Field Station, with selected roadside stops between. The central feature of Grand Bay WMA is a large Carolina Bay wetland traversed by a ½ mile boardwalk providing access to a 40 foot tower with spectacular aerial views of the swamp.</p> <p><b>Bring:</b> Lunch, snacks, water, insect repellent, &amp; hand lens. Remember to dress for the weather and wear comfortable hiking shoes. You may wish to bring binoculars, notebook, and camera.</p>	<p><b>Directions:</b> Take Hwy. GA 125 (Bemiss Road) north from Valdosta toward Moody AFB. Turn right on Knights Academy Road and travel 4.9 miles east to the gate to Grand Bay WMA. The gate is on the left side of Knights Academy Road. Turn left onto the gravel road into Grand Bay WMA and travel north 0.8 mile. At the T-intersection turn left and travel west 0.1 mile to the parking area at the Robert Patton Wetlands Education Center. The Knights Academy Road gate to Grand Bay WMA is at 30.920538, -83.192793. The parking area for the Robert Patton Wetlands Education Center at Grand Bay WMA area is at 30.932697, -83.194219.</p> <p><b>Facilities:</b> Yes</p>	<p>Richard Carter rcarter@valdosta.edu 229-333-5338 229-506-2099</p>



## Upcoming Field Trips

<p>Sep 18 9:30 AM</p> <p>Note: This is a Sunday</p>	<p><b>Sedge Workshop at VSU</b></p> <p>Complementing Saturday's field trip (September 17<sup>th</sup>) that emphasized sedges and other graminoids, this workshop involves a hands-on survey of the taxonomy of the sedge family (Cyperaceae), with emphasis on specialized terminology and structure. Participants will dissect and analyze structure of representative species from Georgia, with emphasis on diagnostic features of the genera. Results of dissections and analytical dichotomous keys will be used to identify unknown specimens. Dissecting microscopes, equipment, and materials for dissection will be provided.</p>	<p><b>Directions:</b> The workshop will be held in the General Botany Laboratory located in Room 2040 on the second floor of Bailey Science Center at Valdosta State University. Please gather in the portico at the east (main) entrance to Bailey Science Center at 9:30 am.</p> <p><b>Facilities:</b> Yes</p> <p><b>Difficulty:</b> Classroom workshop</p> <p><b>Bring:</b> Lunch, drink, snacks.</p>	<p>Richard Carter</p> <p>rcarter@valdosta.edu</p> <p>229- 333-5338 229-506-2099</p>
<p>Sep 24 9:30 AM</p> <p>Note: Early start time</p>	<p><b>Roadside Botanizing: Cohutta Mountains, Gilmer &amp; Fannin Counties</b></p> <p>We will drive along the Forest Service roads stopping to look at flowers along the way. There will be several short excursions from the cars along the road. We can expect to find several forget-me-nots (<i>Impatiens capensis</i> and <i>I. pallida</i>), grass-of-Parnassus (<i>Parnassia asarifolia</i>), gentians (<i>Gentianella quinquefolia</i> and <i>Gentiana decora</i>), several composites, and likely a few other early fall species. Plus we may catch several typical spring plants in fruit such as Jack-in-the-pulpit (<i>Arisaema triphyllum</i>) and speckled wood lily (<i>Clintonia umbellulata</i>).</p>	<p><b>Directions:</b> Take I-575/ GA 515 north to East Ellijay to turn left on GA 52. At ~5 mi west of the square on GA 52, turn right on Gates Chapel Rd. When pavement ends the road will fork, take Wilderness Trail/ FR 90 (dirt road to the right). At ~0.9 mi do not turn left at WMA sign for Pinhoti Trail. Continue 0.1 mi to Pinhoti Trail Parking on right on FS90. Carpooling is encouraged to minimize our parking footprint on the narrow unpaved roads.</p> <p><b>Facilities:</b> No</p> <p><b>Difficulty:</b> Easy.</p> <p><b>Bring:</b> Lunch water, bug spray.</p>	<p>Rich Reaves</p> <p>rich.reaves@att.net</p> <p>770-827-5186</p>
<p>Sep 24 10:00 AM</p>	<p><b>Creating Meadow, Savanna and Other Grassland Habitats in the Southeast Workshop</b></p> <p>The objective of this workshop is to give the participants an introduction to grasslands of the Southeast and how to create them.</p>	<p><b>Location:</b> See page 7 for more details</p> <p><b>Registration is limited to 15 participants.</b></p>	<p>Heather Brasell Walter Bland</p> <p>jwbland3@gmail.com</p>
<p>Sep 24 or Sep 25 10:00 AM</p>	<p><b>Dixie Bog/Easter Plantation</b></p> <p>The 47th Annual Spring Wildflower Pilgrimage trip to Dixie Bog this past April was such a popular success that BOTSOC is hosting two encore day-long explorations of this beautiful private property. Likely to harbor some of the most expansive remaining Coastal Plain seepage slope bogs in Georgia, Easter Plantation is fire-managed for quail hunting and is a mosaic of 2000+ acres of upland longleaf/slash/wiregrass savannah mixed with game food plots, creekside riparian corridors, depression oak forests, pond cypress swamps, and boggy seepage slope wetlands that host a myriad of unusual and specialized flora and fauna. Tall, robust <i>Sarracenia flava</i> (trumpet pitcher plant) and expansive <i>S. minor</i> patches (hooded pitcher plant) are mixed with <i>Drosera tracyi</i> (dewthreads), <i>Pinguicula</i> spp. (butterworts), and various <i>Calopogon</i> orchids. Even some <i>S. flava</i> x <i>S. minor</i> hybrids and backcrosses have been found. Other Coastal Plain bog flora abounds such as <i>Sabatia</i>, <i>Rhexia</i>, <i>Ludwigia</i>, <i>Eriocaulon</i>, <i>Lachnocaulon</i>, <i>Xyris</i>, <i>Zigadenus</i>, <i>Polygala</i>, <i>Aletris</i>, <i>Pinckneya</i>, <i>Triantha</i>, <i>Marshallia</i>, <i>Aristida</i>, <i>Ctenium</i>, and of course a huge diversity of asters, legumes, sedges, and other grasses. The Plantation is home to wildlife such as gopher tortoise, alligator, deer, turkey, bobwhite quail, fox squirrel, bald eagle, osprey, Bachman's sparrow, and swallow-tailed kite.</p>	<p>BOTSOC members and guest non-members are welcome to attend either Saturday or Sunday (not both), but preregistration by email, phone, or text is required. Register by emailing Rebecca Byrd at <a href="mailto:rebyrd2012@gmail.com">rebyrd2012@gmail.com</a> or calling/texting her at mobile # 770-369-5710. Include names of all guests and which day you will attend. Once registered, you will be emailed directions to the meeting place in Barwick and instructions for a pleasant and safe outing. Field trips may continue until dusk, but attendees can leave at any time. Be prepared for easy to moderate walking in muddy, mucky, and/or wet conditions. Please contact Rebecca by text or email with questions. Each trip will be limited to the first 15 people to register!</p>	<p>Tom Patrick Rebecca Byrd</p>

## Upcoming Field Trips

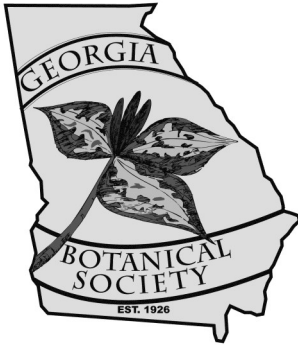
<p>Sep 25 10:00 AM</p> <p>Note: This is a Sunday</p>	<p><b>Tallassee Forest</b></p> <p>We will visit Tallassee Forest, a 310-acre tract of land on the Middle Oconee River in northwest Athens-Clarke County. Large size, high environmental quality, and relatively little recent disturbance allow it support a diversity of native plants, wildlife, and eight of Georgia DNR's high priority habitats: mature oak-hickory-pine forest, mesic hardwood forest, freshwater marsh, bottomland forest, canebrakes, springs and spring runs, small streams, and a medium-sized river. Of special interest is an unusual upland American holly (<i>Ilex opaca</i>) forest and a bottomland forest with canebrakes and minimal invasives. The utility easements are covered with diverse fall wildflowers and grasses.</p>	<p><b>Location:</b> Tallassee Forest is off Tallassee Road in northwest Athens-Clarke County—we will meet at a nearby school and carpool from there to the Forest. From Atlanta, take I-85 north to Exit 137 - Jefferson/US Hwy 129. Drive south on US 129 for about 20 miles. Just outside Athens, turn right onto GA Hwy 10/Loop 10 South (aka "the bypass") and drive SW about 1 mile to Exit 15 (Tallassee Rd-Oglethorpe Avenue). Turn right/west onto Tallassee Road. Proceed 4.3 miles and turn right into the Burney-Harris-Lyons Middle School parking lot. Park in the school lot. We will carpool from there.</p> <p><b>Facilities:</b> No</p> <p><b>Difficulty:</b> We will be walking on old roads and utility easements. Plan for at least 3½ hours of slow walking.</p> <p><b>Bring:</b> Lunch, snacks, and water. Dress for the weather, it will probably be hot in September, and wear sturdy walking shoes or boots. You may also</p>	<p>Linda Chafin lchafin@uga.edu</p> <p>Karen Porter karengporter@gmail.com</p>
<p>Oct 1 and Oct 2</p> <p>10:00 AM</p>	<p><b>Bog Workdays</b></p> <p>Go WHOLE-BOG and join in habitat restoration for pitcherplants as well as learning about herbaceous bog ecology and plants! This trip includes bog work parties at the Manassas Bogs (Oct 1) and at Gordonia-Alatamaha State Park (Oct 2). The task will be to hand-cut shrubs away from pitcherplants to improve their access to sunlight and water.</p> <p>Manassas Bogs are the one Georgia location for Coastal Plain purple pitcherplant (<i>Sarracenia purpurea</i> var. <i>venosa</i>). We will also see vigorous trumpet pitcher plant (<i>Sarracenia flava</i>), and abundant hooded pitcher plant (<i>Sarracenia minor</i>). These un-burned bogs have nice floristic diversity in their own right, but after working we will treat ourselves to an exceptional show of autumn-blooming grasses and wildflowers at a bog burned earlier. Other rare bog species likely blooming are <i>Balduina atropurpurea</i> (purple honeycomb head) and <i>Macranthera flammea</i> (hummingbird flower). We also have opportunity to see Georgia plume (<i>Elliottia racemosa</i>) in old-growth longleaf sandhill in addition to pitcherplant bog habitat.</p> <p>The bog at Gordonia-Alatamaha State Park has not seen fire for a long time, but Georgia Power has been keeping shrubs at bay with regular mowing. Individual plants need cutting of remnant shrubs and mowing debris. Here we will see an impressively large population of <i>Sarracenia rubra</i> (sweet pitcherplant). We will also count numbers of pitcherplant clusters in this population.</p> <p>Please join for one or both days. We plan to work for 2-2.5 hours each day.</p>	<p><b>Directions:</b> We will meet at the locations below and then caravan to work sites</p> <p>October 1: 10:00 AM, town of Bellville, Evans County, at the SW corner of the intersection of State Hwys. 292 and 169. There is a good parking lot here at a restored train depot.</p> <p>October 2: 10:00 AM, Gordonia-Alatamaha State Park, Park Office, located near Reidsville in Tattnall County, just off U.S. Highway 280. From I-16, take exit #98 or #104.</p> <p><b>Difficulty:</b> Easy to moderate.</p> <p><b>Facilities:</b> There are no facilities at the work party sites.</p> <p><b>Bring:</b> Work gloves, hand-pruners and/or loppers. Sun protection is critical, as well as lunch and water!</p> <p><b>Email Lisa Kruse in advance if you plan to participate.</b></p>	<p>Lisa Kruse lisa.kruse@dnr.ga.gov</p> <p>706-318-3287 (day of trip only)</p>



## Upcoming Field Trips

<p>Oct 10 9:00 AM</p> <p>Note: This is a Monday and note early start time</p>	<p><b>Pine Mountain Trail</b></p> <p>This trip will start at the eastern terminus of the 23 mile long Pine Mountain Trail in FDR State Park. The trail will make several stream crossings and pass at least four cascades on Wolfden Branch. Pine Mountain has a unique flora that consists of Coastal Plain, Piedmont, and Mountain species. We will see odd pairings, like galax, <i>Galax urceolata</i>, growing under ti-ti, <i>Cyrtilla racemiflora</i>; and chestnut oak, <i>Quercus montana</i> towering over devilwood, <i>Cartrema americanum</i>. Along the way we will also see a number of autumn flowering plants, including several species of <i>Symphyotrichum</i>. The turning point of the trip will be at the State Champion loblolly pine, Ferney, next to Cascade Branch.</p> <p>The trail is rocky and occasionally wet at stream crossings. The farthest point in will be about 2.75 miles, for a total walking distance of 5.5 miles.</p>	<p><b>Directions:</b> Meet at the WJSP Tower Parking Lot just north of the intersection of US 27 ALT and GA 190. From Atlanta, take I-85 south to Exit 41. Take US 27 ALT south through Moreland, Luthersville, Greenville, and Warm Springs. The parking area is about 3.4 miles south of Warm Springs on the right side just before cresting Pine Mountain. Look for a huge TV antenna. From the south, take US 27 north from Columbus. At the top of Pine Mountain (at the Callaway Country Store), turn right on GA 190 and drive approximately 12 miles across FDR State Park to US 27 ALT. Turn left on US 27 ALT and almost immediately turn into the parking area on the left.</p> <p><b>Facilities:</b> None.</p> <p><b>Difficulty:</b> Moderate, farthest point is 5.5 miles.</p> <p><b>Bring:</b> Hand lens, water, lunch, curiosity. Dress for the weather. <b>You must have a state park pass or pay a \$5 parking fee at the trailhead.</b></p>	<p>Hal Massie massiefarm@aol.com 478-957-6095</p>
<p>Oct 12 10:00 AM</p> <p>Note: this is a Wednesday</p>	<p><b>Grasses Family Plant ID Workshop</b></p> <p>This workshop will cover how to recognize common Georgia grasses. Field ID, rather than keys, will be the means of identification for this introductory series, and the workshop will emphasize common names in addition to teaching the scientific names.</p> <p><b>Registration is limited to 7 Georgia BotSoc members (and 7 GNPS members). Email the trip leader to register.</b></p>	<p><b>Location:</b> State Botanical Garden in Athens; directions to be provided by trip leader upon registration.</p> <p><b>Bring:</b> Water, snacks, camera, lunch, bug spray and notebook.</p>	<p>Linda Chafin lchafin@uga.edu</p>
<p>Oct 29 10:00 AM</p>	<p><b>Pines/Hemlock Family Plant ID Workshop</b></p> <p>This workshop will cover how to recognize common Georgia pines and hemlock. Field ID, rather than keys, will be the means of identification for this introductory series, and the workshop will emphasize common names plus the scientific names.</p> <p><b>Registration is limited to 7 Georgia BotSoc members (and 7 GNPS members). Email the trip leader to register.</b></p>	<p><b>Location:</b> Tallulah Gorge (Rabun County); directions to be provided by trip leader upon registration.</p> <p><b>Bring:</b> Water, snacks, camera, lunch, bug spray and notebook.</p>	<p>Leslie Edwards edwa1616@bellsouth.net</p>
<p>Nov 11 10:00 AM</p> <p>Note: This is a Friday</p>	<p><b>Fall Color on Pine Mountain</b></p> <p>This trip will be a driving and walking tour of FDR State Park, with an emphasis on fall foliage color. Pine Mountain is home to the largest population of Georgia oak (<i>Quercus georgiana</i>) as well as large populations of Alabama cherry, <i>Prunus alabamensis</i>. We will also see large old-growth montane longleaf pines (<i>Pinus palustris</i>) and shortleaf pines (<i>P. echinata</i>). Hopefully, we will be able to stop for a brief visit to an historical stand of longleaf planted by FDR.</p>	<p><b>Directions:</b> Take I-85 south to I-185 and continue south. At Exit 42, turn south on US 27. Stay on US 27 South through the town of Pine Mountain and past Callaway Gardens. At the top of Pine Mountain, turn left onto GA 190. Go about three miles and turn right into the lower parking lot of the Park HQ.</p> <p><b>Facilities:</b> Only at the park HQ.</p> <p><b>Difficulty:</b> Walking portions of this trip will be short and easy but trails are rocky.</p> <p><b>Bring:</b> Lunch, snacks, &amp; water. We will try to eat at Dowdell's Knob, the highest point on Pine Mountain. Picnic tables are available at the Knob.</p>	<p>Hal Massie massiefarm@aol.com 478-957-6095</p>

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