

# BotSoc News



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2018

*Georgia Botanical Society*

## Call for Nominations

In any organization, it is important to pass on the institutional wisdom of long-time leaders to future leaders. This is an election year for BotSoc. We will be electing a new slate of executive officers, new board members, and committee members. We are looking for people who are interested and willing to help make decisions that ensure BotSoc continues to meet our goals and the interests of our members.

Check out the back cover of the newsletter to see the list of roles in BotSoc where we are looking for members to contribute to the organization. The roles allow for a variety of skills and interests, as well as availability. Nearly all of our business is conducted electronically to minimize demands on time and travel.

Ed McDowell is chair of the nominations committee. That committee presents a slate of candidates for officer positions – president, vice-president, secretary and treasurer – to the membership for election at the annual meeting held in the third quarter of the year. The incoming president nominates board and committee members, who are presented to the officers for approval soon after the annual meeting. We have an extra challenge this year, because we have no incoming President. Mitchell Kent resigned as Vice President due to health concerns.

We encourage you to volunteer for one of the positions or nominate someone else. Please contact either Ed or Heather Brasell (president) if you have ideas or questions.

As a reminder, we are also calling for nominations for student scholarships for the Pilgrimage.

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### Duties of BotSoc Officers

**President:** Presides at meetings of the membership and the Board of Directors, appoints members of the Society to special committees as necessary, and is authorized to sign contracts and agreements for the Society subject to the approval of the Board.

**Vice President:** Performs the duties of the President in his or her absence, succeeds the president in the event of a permanent absence, and arranges for the Annual Wildflower Pilgrimage.

**Secretary:** Serves both as corresponding and recording secretary.

**Treasurer:** Maintains accurate records of receipts and disbursements of the Society, administers the finances of the Society, publishes an annual financial report.

*- Georgia Botanical Society Bylaws*

## President's Perspective



### BotSoc News

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

### Submission deadline

April 1 for the May issue.

### Subscriptions

Included with membership.

### Website:

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

### Editorial Office

Jackie Miller  
Ellen Honeycutt

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Many of us work on conservation projects where much of our time is spent trying to get rid of invasive plants. I've been at war with invasives for over 20 years. For the first decade I took great pride in the success I had in getting rid of privet in the drains, chinaberry around the edges of old fields and fencerows, and wisteria near old home sites.

For the last decade, it has been different. It seems that the harder I try, the further behind I get. I'm now dealing with more species. I'm sure part of this is sensitization; the better I get at recognizing different species, the more likely I am to find them in the woods. However, I know when some of them first arrived on my property. Japanese climbing fern (*Lygodium japonicum*) was brought onto the property during logging operations, beefsteak (*Perilla frutescens*) was brought in when firebreaks were developed, sericea lespedeza (*Lespedeza cuneata*) was brought in by right-of-way mowers, and hairy indigo (*Indigofera hirsuta*) was brought in by who knows what to a site close to my home. These four species are all very aggressive and also very hard to kill. I feel as though I'm fighting a losing battle. I've also found infestations of species that have escaped from landscaping and have been building up a head of steam in the woods out of plain sight – crape myrtle and nandina. I have also watched the immigration of saltbush (*Baccharis halimifolia*) from along the coast where it is native inland throughout the Coastal Plain and north into the Piedmont. Although pollinators love the flowers, saltbush can form thickets and outcompete native species.

I'm not alone in thinking the problem of invasive species is getting worse. As I talk with natural resource professionals who work around the state, I have heard many anecdotal reports of invasive species spreading and infestations becoming more severe. I just came back from a symposium where Chip Bates, GA Forestry Commission (GFC) Forest Health manager, presented data on the area occupied by the top twelve nonnative invasive plants (<http://www.gfc.state.ga.us/forest-management/forest-health/2017%20Dirty%20Dozen%20Spreadsheet.pdf>). (See chart on next page.) For nine of the top 10, the area occupied increased dramatically from 2013 to 2015 (most recent data). Three species (mimosa, wisteria, and Chinese tallow) more than doubled their areas and the other six species increased areas by more than 50%. It is indeed getting harder to control invasive plants.

For private landowners, there is little economic incentive to control invasive species. Control methods are expensive and the presence of many invasive plants has little or no effect on timber production. In addition, it is difficult to control invasive species when neighbors do not. Wind brings fern spores across property lines and birds carry seeds. I'd like to see more shared responsibility for managing this threat to the shared public resources.

*Continued on next page*

## President's Perspective (cont'd)

GFC has developed an effective management plan for dealing with cogongrass in GA. Infestations of cogongrass have had devastating impacts on native communities and forests managed for timber production throughout Florida and Alabama. Before cogongrass spread into Georgia, GFC started an aggressive education campaign to help the public detect and report infestations as early as possible. GFC was tasked with eradicating the cogongrass at no expense to the landowner. On another front, Georgia has been less effective than Florida - in regulating the sale of invasive and potentially invasive plants.

I am always pleased to reflect on the contributions made by BotSoc members in conserving native plants and fighting invasive plants. First, through education, helping members of BotSoc and the general community learn about native plants and natural communities. Second, through participating in work days to pull weeds, burn sites, and restore communities. Third, through financial contributions to organizations that support conservation of natural ecosystems. Together we make a difference.

*Heather Brasell*

### Top Twelve Nonnative Invasive Plants 2017 Dirty Dozen List Courtesy Forest Health Program, GFC

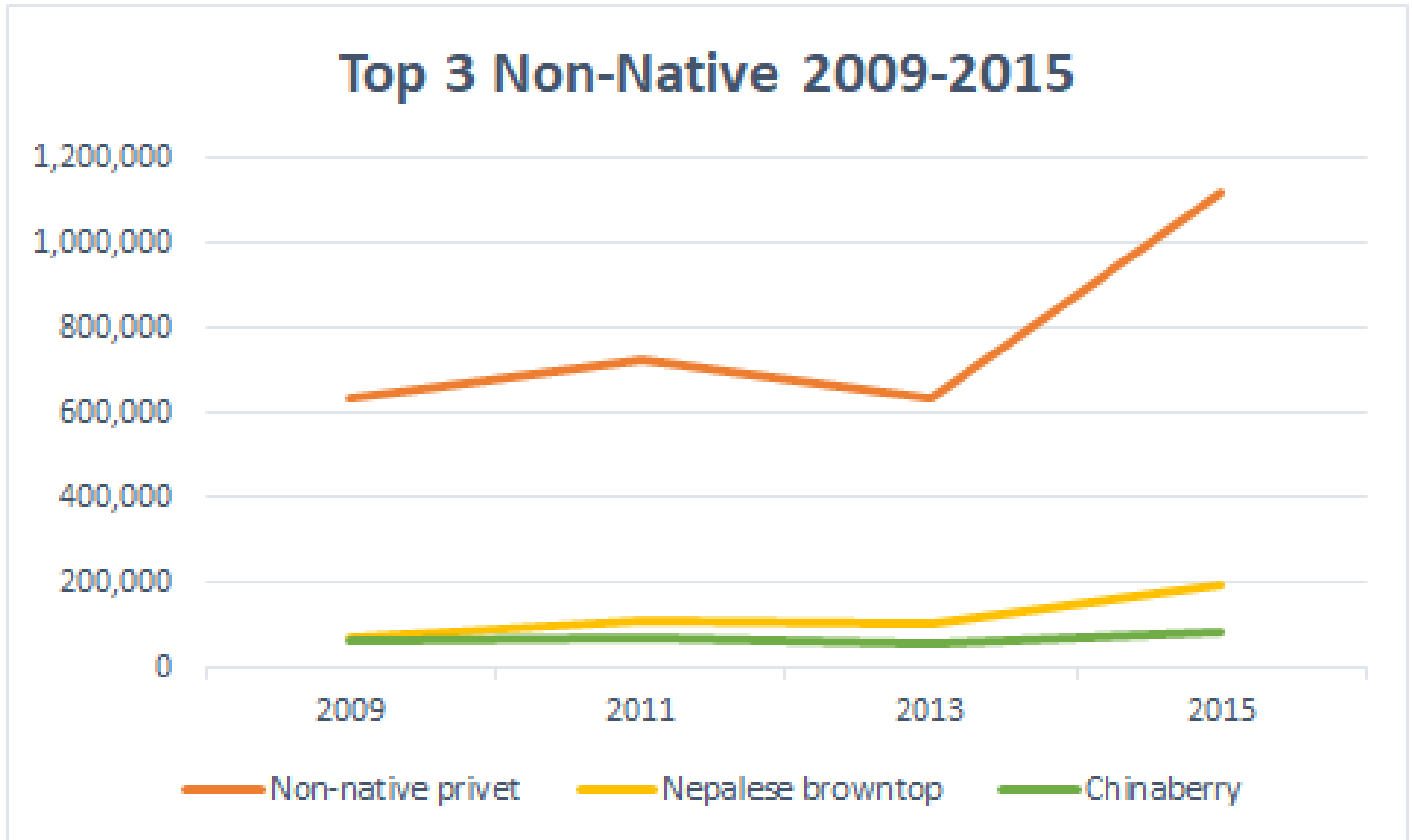
<http://www.gfc.state.ga.us/forest-management/forest-health/2017%20Dirty%20Dozen%20Spreadsheet.pdf>

Rank	Species	2009	2011	2013	2015
1	Non-native privet	637,916	726,148	637,211	1,115,920
2	Nepalese browntop	70,001	111,836	102,722	192,070
3	Chinaberry	59,872	67,534	53,165	82,220
4	Non-native lespedeza	40,630	41,069	36,470	67,260
5	Japanese climbing fern	16,271	20,563	21,152	35,900
6	Kudzu	35,981	42,158	34,625	35,020
7	Non-native olive	17,090	18,506	18,765	33,310
8	Chinese tallowtree	11,314	15,348	13,876	31,780
9	Mimosa	15,420	18,344	11,318	30,750
10	Wisteria	7,437	10,082	6,571	15,560
11	Exotic rose	12,974	15,686	13,172	11,390
11a	English ivy	4,785	5,943	10,852	6,520
12	Cogongrass	167	196	270	273

*Continued on next page*

## President's Perspective (cont'd)

### Top 3 Non-Native 2009-2015



## Reminders



Registration materials for the 2018 Wildflower Pilgrimage in Thomaston May 4-May 6 will be going out to BotSoc members soon. If you plan to attend, be sure to return your registration form promptly. Some trips fill up quickly, and late registrants may not get their first choice of trips. Also, when you submit your registration form, don't forget to include an order for an official Pilgrimage T-shirt or sweatshirt.

Planning is underway for the October trip to Guadalupe Mountains National Park and Carlsbad Caverns National Park. There was a full trip description in the January issue of BotSoc News. For more information, or if you are interested in participating, please contact Rich Reaves ([rich.reaves@att.net](mailto:rich.reaves@att.net)).

## In Memoriam

We are sad to inform you of the passing of BotSoc member Ernest (Ernie) Arvesen on November 3, 2017. Ernie was a Master Gardener who volunteered at McFarlane Nature Park, the Chattahoochee Nature Center, and the Atlanta Botanical Garden. He will be missed.



## Upcoming Field Trips

<p>Mar 3 Saturday 10:00 AM</p>	<p><b>Chattahoochee River Gorge—East Palisades, Late Winter Woods, Trees and Rocks</b></p> <p>Explore the Brevard Fault and the landscape that formed about it by erosion of the Chattahoochee River. Hillsides full of gorge rhododendron, massive rock outcrops and beautiful woods make this a wonderful wander. Depending upon the weather and the group, this could include a side trip to the giant bamboo forest.</p>	<p><b>Directions:</b> From I-75 north take Exit 256, Mt. Paran Road. Turn left on Harris Trail. Turn left on Whitewater Creek Road to the Whitewater Creek Parking Lot entrance on the right.</p> <p>From I-75 south, take Exit 258, Cumberland Boulevard to US 41 and turn left. Turn left on Mt. Paran Road. Turn left on Harris Trail. Turn left on Whitewater Creek Road to the Whitewater Creek Parking Lot entrance on the right.</p> <p><b>Facilities:</b> None.</p> <p><b>Difficulty:</b> Walking 4 to a maximum of 5 miles with short ups and downs that can be strenuous.</p> <p><b>Bring:</b> Lunch to eat on the trail.</p> <p>Federal park pass required, or purchase daily pass for \$5 with exact cash on site, no fee machine here.</p>	<p>Scott Ranger scott@scottranger.com 404-210-3088</p>
<p>Mar 3 Saturday 10:00 AM</p>	<p><b>Joiner Property, Jenkins County</b></p> <p>This is hardwood bottomland on Buckhead Creek. Depending on the year we find mottled trillium (<i>Trillium maculatum</i>), Atamasco lilies (<i>Zephyranthes atamasca</i>), green and gold (<i>Chrysogonum virginianum</i>), red buckeye (<i>Aesculus pavia</i>), pipsissewa (<i>Chimaphila maculata</i>), and many wetland trees and shrubs.</p> <p>Jenkins County is right on the border of the Piedmont and Coastal Plain so plants are a mixture of both of those regions.</p>	<p><b>Directions:</b> Meet at McDonald's Restaurant, intersection of US Hwy 25 and GA Hwy 17 in Millen GA. We will try to condense to fewest 4-wheel drive vehicles to drive to the property, which has dirt roads and very little parking area.</p> <p>From I-75 (ATL), go south to Macon, then take I-16 east to Metter exit 104. Go north on GA 121 to intersection with US 25/GA 67 just south of Millen. Turn left/north and continue to meeting place.</p> <p>From south (SAV), take I-16 west to Metter and follow directions above at intersection of I-16 and GA 121.</p> <p><b>Facilities:</b> None at site.</p> <p><b>Difficulty:</b> Flatland, wet at times especially in winter/spring.</p> <p><b>Bring:</b> Wear boots and long pants for brushy, brambly habitat with ticks. Bring tick and mosquito repellent.</p> <p>One barbecue restaurant in Millen is open on Saturday until 6:00 pm unless they run out of meat. Bring lunch to eat on property just in case. We can try the restaurant when we finish our walk.</p>	<p>Martha &amp; Hew Joiner marthajoiner41@gmail.com 912-481-1623</p>

## Upcoming Field Trips

<p>Mar 17 Saturday 10:00 AM</p>	<p><b>Morels and Other Fungi in the Oconee National Forest</b></p> <p>Note: This is a joint trip with the Georgia Mushroom Club</p> <p>Although fungi are now considered botanically illegitimate and hence excluded from the plant kingdom, we will survey an area for examples of various mushrooms, conks and allied types of fungi to review.</p> <p>Scull Shoals Experimental Forest is in the Oconee National Forest between Greensboro and Athens. There is a variety of drier upland (mostly pine) and wetter bottomland (mixed) habitats with different forest cover types. Prescribed fire is used in some areas of the forest which may also increase diversity, although the burns are mostly in the pine areas. We hope this combination will better our chances of finding areas with enough moisture to have several types of fungi fruiting. Oconee forest is pretty far south for morels, but we did schedule this trip early in the growing season just in case we get lucky. Morels are fond of ash trees so we will at least scan the riverbanks and low ground as well as any low areas that were burned.</p>	<p><b>Directions:</b> Starting at Greensboro GA, Exit 130 on I-20, Take GA 44 towards Greensboro for 2.6 mi. At the corner of Broad and Main, turn left on GA 15 North for 0.3 mi. At Holcomb's BBQ turn right (still on GA 15). Continue on GA 15 for 11 mi. Right on Macedonia Rd for 2.5 mi, left on FS (forest service Rd) 1234 for 0.1 mi (stop and see Dr Durham's herb walk). Continue on FS 1234 for 2.9 mi to Scull Shoals historical site. Approximate location: 33.733155, -83.289843</p> <p><b>Facilities:</b> Available at the historical site.</p> <p><b>Difficulty:</b> This is a total of 5.9 miles that includes a climb of 678 feet in 1 mile. The pace will be faster than a typical BotSoc adventure with this distance to cover but still more of a swift amble than a hike.</p> <p><b>Bring:</b> Lunch to eat at site. A hand lens will be useful. Also, a whistle is handy when in the woods looking for mushrooms as folks tend to scatter.</p> <p><b>Useful Links:</b>  <a href="https://www.srs.fs.usda.gov/compass/2014/10/30/scull-shoals-experimental-forest/">https://www.srs.fs.usda.gov/compass/2014/10/30/scull-shoals-experimental-forest/</a>  <a href="http://www.scullshoals.org/">http://www.scullshoals.org/</a>  <a href="http://www.scullshoals.org/images_photos/Scull-Shoals-Durham-Herb-Walk.pdf">http://www.scullshoals.org/images_photos/Scull-Shoals-Durham-Herb-Walk.pdf</a></p>	<p>Elliott Horner elliott.horner@encee.org</p>
<p>Mar 18 Sunday 10:00 AM</p>	<p><b>Kettle Creek—History, Trout Lilies, and Hepatica</b></p>	<p>Trip description was not available at time of publication. It will be posted to the BotSoc website when available.</p>	<p>Linda Chafin lchafin@uga.edu</p>
<p>Mar 24 Saturday 10:00 AM</p>	<p><b>Montezuma Bluffs Natural Area, Macon County</b></p> <p>Montezuma Bluffs Natural Area, located on bluffs overlooking the Flint River, contains beautiful stands of mature hardwood forest. Cool, moist ravines contrast with dry exposed limestone bluffs and provide a high degree of species diversity. A ramble around the bluffs and ravines should provide ample viewing of the federally listed relict trillium (<i>Trillium reliquum</i>) and the more common spotted trillium (<i>T. maculatum</i>) as well as many other spring wildflowers including woodland phlox, hepatica, wild geranium, Solomon's seal, and Atamasco lilies. We may even spot the rare orchid, southern twayblade.</p>	<p><b>Directions:</b> Montezuma Bluffs Natural Area is located approximately 1 mile north of the city limits of Montezuma off of State Highway 49. From Hwy 49, turn west on Crook's Landing Road and follow this short paved road half way down the hill (about a half mile). Meet at the kiosk in the gravel parking area on the north side of the road.</p> <p><b>Facilities:</b> None.</p> <p><b>Difficulty:</b> The first half of the walk will be easy and non-strenuous. During the second half we will venture along some steep banks and the walk will be more challenging. If you require a staff to walk, you may wish to skip the second half.</p> <p><b>Bring:</b> Lunch, insect repellent (there are always ticks), and rain gear; camera, hand lens, field guide, notepad, binoculars optional. Wear comfortable sturdy walking shoes.</p>	<p>Chris Inhulsen cinhulsen@yahoo.com 478-396-4941</p>

## Upcoming Field Trips

<p>Mar 25 <b>Sunday</b> 10:00 AM</p>	<p><b>Chattahoochee River National Recreation Area</b></p> <p>Join the Georgia Botanical Society and naturalist Jerry Hightower to celebrate spring and take a look at the mid- spring forest, signs of wildlife, and great views from atop the West Palisades Ridge. This will be an excellent opportunity to better learn this area with the leaves not yet fully obstructing the views of the rugged topography. The hike will lead us across the upper section of Trout Lily Creek, though a mature oak – hickory forest, around Blood Rock Ridge, along Rottenwood Creek to the ruins of Akers Mill, and along the river to Paces Mill. We will see the dramatic effects of the Brevard Fault, great botanical areas, and the site of "Nancy Old Towne", a Woodland Culture Village site. Please note: persons wishing a shorter hike have the option of leaving the group at Rottenwood Creek and proceeding directly to Paces Mill, which is .5 miles by the multi-use trail.</p> <p><b>Reservations are required by calling 678-538-1200.</b></p>	<p><b>Directions:</b> Chattahoochee River National Recreation Area, West Palisades Unit: We will meet at Paces Mill parking area; 3445 Cobb Parkway, Atlanta, Georgia 30339 and shuttle everyone to our starting location at Akers Drive. We will leave as many cars as possible at Paces Mill. If you drive a multi-passenger vehicle and could help with the shuttle, please let me know. We will conclude our walk at Paces Mill. For directions see <a href="http://www.nps.gov/chat">www.nps.gov/chat</a></p> <p><b>Facilities:</b> Restrooms are located at Paces Mill.</p> <p><b>Difficulty:</b> This hike will be moderately strenuous.</p> <p><b>Bring:</b> A lunch and water to carry along and <b><u>we will picnic in the forest.</u></b> You may wish to bring binoculars, hand lens, and camera. \$3.00 daily parking fee or annual parking pass needed.</p>	<p>Jerry Hightower jerryhightower.ch at@gmail.com 770-206-0338</p>
<p>Mar 25 <b>Sunday</b> 10:00 AM</p>	<p><b>The Pocket of Pigeon Mountain</b></p> <p>Every year we look forward to spring and a trip to Georgia's premier spot for early spring wildflowers. Pigeon Mountain, part of the Cumberland Plateau, contains many species rare to our state: Virginia bluebells, celandine poppy, bent trillium, Ohio buckeye, and a huge variety of other wildflowers. After lunch, we may take a short drive to a nearby location where we have found twinleaf blooming in the past.</p> <p><b>Important Note:</b> GORP licenses are <i>no longer available</i>. A license that includes the privilege to hunt or fish on state lands is all that is needed to shoot on state shooting ranges, or be on state WRD lands. All persons 16 and older on designated state WRD lands must have an individual basic hunting or fishing privilege.</p>	<p><b>Directions:</b> Meet at The Pocket parking lot. From I-75 exit 320, go west on GA 136, crossing US 27 onto GA 193 into downtown LaFayette. From South Main Street, follow GA 193 for 8 mi. to Davis Crossroads, at intersection with GA 341. Turn left on Hog Jowl Rd (sometimes unmarked but paved), go south 2.6 mi passing Mt Herman Baptist Church. At top of next hill, turn left on Pocket Rd and drive 1.2 mi to end. Main parking is on left, with handicapped parking on the right.</p> <p><b>Facilities:</b> None at site. Fast food restaurants on North Main St. in LaFayette.</p> <p><b>Difficulty:</b> Short and easy around parking lot. Optional moderate walk to falls and easy bushwhacking to twin leaf site.</p> <p><b>Bring:</b> Lunch to eat in parking lot.</p>	<p>Mike Christison mikepaddler @aol.com 770-596-3564</p>



Wild geranium (*Geranium maculatum*) may be seen on the April 7 Cloudland Canyon trip  
Photo: Anita Reaves

## Upcoming Field Trips

<p>Mar 31 Saturday 10:00 AM</p>	<p><b>Heggie's Rock TNC Preserve—Lichens &amp; Plants on Granite</b></p> <p>This trip will have lichens as its primary theme, although we will be enjoying everything from geology to ecology. Lichens are particularly abundant and diverse at Heggie's Rock, and we will start with basics of what lichens are, and will learn about substrate, growth form, and classification. Around 200 species of lichens can be found around Heggie's Rock, and we will be trying to observe lots of species. We will not be ignoring the several rare plants present, and are guaranteed to see <i>Amphianthus pusillus</i>, <i>Isoetes tegetiformans</i>, <i>Draba aprica</i>, <i>Sedum pusillum</i> and <i>Arabis missouriensis</i>. We will also see plenty of more common rock outcrop endemics, such as <i>Diamorpha smallii</i>, <i>Isoetes piedmontana</i> and <i>Juncus georgianus</i>. Heggie's is one of the least disturbed outcrops in Georgia's Piedmont, and the scenery alone is worth the trip!</p>	<p><b>Directions:</b> Meet at 10:00 AM along Louisville Road; we will park just off Louisville Rd. along a dirt forestry-access road.</p> <p>From I-20 exit 183 to Harlem &amp; Appling (about 20 miles west of Augusta), go north on US Hwy. 221 2.6 miles (landmark: Shell station/Circle K/Blimpie's on the right). Turn right here onto Columbia Rd. (state route 232). Travel east on this for 1.8 miles to Louisville Rd., and turn left. Drive 2 miles north on Louisville Rd. to an unnamed dirt track on the right. If you see Heggie's Ridge Rd. on the left, you've gone too far.</p> <p><b>Facilities:</b> None at the site. The Blimpie's has the closest facilities.</p> <p><b>Difficulty:</b> Moderate walk, down a forest path and then around a loop on the granite, about 1.5 miles total.</p> <p><b>Bring:</b> Bring a loupe or hand lens if you can; the lichen world reveals itself with magnification! Other handy tools include a macro camera and a pad for kneeling on the rock. Sunscreen, hats, and long sleeves will help protect us on the unforgivingly open rock outcrop habitat. Please dress appropriately for predicted weather.</p> <p>Bring lunch to eat in the parking area with the group after the walk, or drive to the nearby Subway to the east on Louisville Rd., or to Blimpie's.</p>	<p>Malcolm Hodges, Nature Conservancy Ecologist</p> <p>mhodges@ tnc.org</p> <p>770-776-9194</p>
<p>Apr 1 Sunday 10:00 AM</p>	<p><b>Arabia Mountain—Solution Pool Gardens</b></p> <p>Join the Georgia Botanical Society and Naturalist Jerry Hightower for a leisurely paced hike up and around the mountain to view the solution pool gardens, the amazing mosaic of lichens, and small, but interesting, patches of trees and shrubs. Sculpted over geologic time by wind, rain, cold, and heat; these extraordinary gardens are beautiful to behold. After lunch we will take the forest loop to the lake and then on to the salamander pools. This DeKalb County park is both a geological and botanical treasure.</p> <p><b>There is a limit of 30 participants.</b> Please contact Jerry Hightower at 770-206-0338 or <a href="mailto:jerryhightower.chat@gmail.com">jerryhightower.chat@gmail.com</a> if you are planning on joining this trip.</p>	<p><b>Location:</b> Arabia Mountain National Natural Heritage Site. Meet at Park Visitor Center.</p> <p><b>Facilities:</b> In Visitor Center.</p> <p><b>Difficulty:</b> Moderate with some fairly steep, but short, accents and descents.</p> <p><b>Bring:</b> A lunch and water to carry along and <b><u>we will picnic on the mountain</u></b>. You may wish to bring binoculars, hand lens, and camera.</p>	<p>Jerry Hightower</p> <p><a href="mailto:jerryhightower.chat@gmail.com">jerryhightower.chat@gmail.com</a></p> <p>770-206-0338</p>



## Upcoming Field Trips

<p>Apr 7 Saturday 10:00 AM</p>	<p><b>Cloudland Canyon State Park—Mid-Spring Wildflowers</b></p> <p>We will do a walk-through from the top of the Canyon down to Sitton Gulch – including descending the stairs. If you have a car that can easily ferry people, please try and arrive a bit early and we will ferry a few vehicles to the bottom to provide a soft trip back up at the end of the day. We should see sulcate trillium (<i>Trillium sulcatum</i>), sweet little Betsy (<i>Trillium cuneatum</i>), decumbent Trillium (<i>Trillium decumbens</i>), doll's eyes (<i>Actea pachypoda</i>), deciduous magnolias, wild geranium (<i>Geranium maculatum</i>), larkspur (<i>Delphinium tricorne</i>), up to a dozen species of violets, and more. If it is a late spring, then we may catch some harbinger of spring (<i>Erigenia bulbosa</i>), trout lilies (<i>Erythronium americanum</i>), and toothworts (<i>Cardamine concatenata</i>, <i>C. angustata</i>, and <i>C. dissecta</i>) in the canyon as well.</p>	<p><b>Directions:</b> From Atlanta take I-75 to exit 320. Go west on GA 136 through Villanow and Naomi (slight jog to left and then right). At Lafayette, take US 27 bypass around town to the north and follow the signs to stay on 136 the Park's main entrance. Turn into the park and proceed to the East Rim Overlook parking area. Meet promptly at the Overlook parking area.</p> <p>Alternately, you can take interstate to Trenton (I-75 north to I-24 West to I59 South) and then follow 136 from the west side back to the park. About the same time from Atlanta, but a greater distance.</p> <p><b>Facilities:</b> Facilities at the top of the canyon at the visitor center and at the overlook or at fast food joints in Trenton. None in the Canyon or at the bottom.</p> <p><b>Difficulty:</b> Moderate, but a lot of steps (575) on a maintained trail with stairs (we hope to only go down the stairs). Sturdy shoes with good tread are recommended as there will be rocky, uneven ground, one small stream to rock-hop or wade, and other parts of the walk that usually are wet and sloppy. We hope to go down the stairs only and shuttle cars back to the top. You should only have to go back up the stairs if you want to.</p> <p><b>Bring:</b> Lunch, water, bug spray. We will eat somewhere down the canyon after we cross the creek.</p>	<p>Rich Reaves rich.reaves@att.net 770-827-5186</p>
<p>Apr 8 Sunday 10:00 AM</p>	<p><b>Chattahoochee River National Recreation Area, East Palisades—Spring Wildflowers</b></p> <p>Join the Georgia Botanical Society and National Park Service Naturalist Jerry Hightower for a look at this beautiful area in late summer's glory and the sunset from Overlook Ridge where you will enjoy the grand view above Devil's Race Course Shoals of this very scenic section of river. We will take Cabin Creek Trail through a beautiful forest in its along Cabin Creek and hike up the ridge past Civil War gun emplacements. We will travel above rock cliffs, through mature oak-hickory forest, mesic ravine forest, and floodplain forest. Our hike will take us over and past extraordinary rock outcrops and formations influenced by the Brevard Fault, which runs through the Unit. We will see late summer wildflowers, ferns, and perhaps a salamander or two.</p> <p><b>There is a limit of 30 participants.</b> Please contact Jerry Hightower at 770-206-0338 or <a href="mailto:jerryhightower@hotmail.com">jerryhightower@hotmail.com</a> if you are planning on joining this trip.</p>	<p><b>Directions:</b> Meet at Chattahoochee River National Recreation Area, East Palisades Unit; meet in the Indian Trail parking area and trail head; 1425 Indian Trail NW, Atlanta, Georgia 30327 at the bulletin board. Go south on Northside Drive and Indian Trail is the fourth street on the right. Indian Trail goes directly into the park.</p> <p><b>Facilities:</b> None</p> <p><b>Difficulty:</b> Moderately strenuous. There are several steep ascents and descents.</p> <p><b>Bring:</b> Remember to bring a lunch to eat in the forest. Dress for the weather and wear very comfortable hiking shoes. Dress in layers so that you can adjust to changes in the temperature and your activity level. Carry water. You may wish to bring binoculars, hand lens, notebook, and camera. Note: A \$3. daily entrance fee or \$25. annual pass is required.</p>	<p>Jerry Hightower jerryhightower.chat@gmail.com 770-206-0338</p>

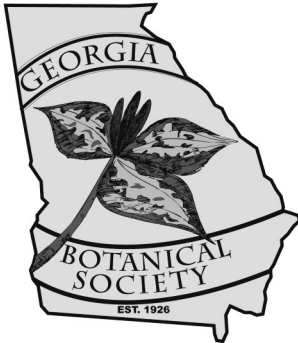
## Upcoming Field Trips

<p>Apr 14 Saturday 10:00 AM— 2:00 PM</p>	<p><b>Spring Wildflowers and Plant Associations at Elachee Nature Center</b></p> <p>Chicopee Woods at Elachee Nature Center has a diversity of habitats due to its rugged topography and geologic setting. The morning will start with Tom Govus describing the many plant assemblages that he has inventoried and mapped here, followed by a walk to view the rich spring flora, which includes nodding, toadshade, and Catesby's trilliums, among much more. We will then explore other interesting plant assemblages along Elachee's trails.</p> <p><b>This trip is limited to 20 participants.</b> To register, contact Leslie Edwards at <a href="mailto:edwa1616@bellsouth.net">edwa1616@bellsouth.net</a></p>	<p><b>Directions:</b> Meet in the Education Hall at the Nature Center. Please see the detailed directions on the Nature Center's website: <a href="https://www.elachee.org/fullpanel/uploads/files/elachee-visitor-center-driving-directions.pdf">https://www.elachee.org/fullpanel/uploads/files/elachee-visitor-center-driving-directions.pdf</a></p> <p><b>Facilities:</b> At the Nature Center</p> <p><b>Difficulty:</b> Moderate</p> <p><b>Bring:</b> Lunch to eat on the trail, hand lens, camera, etc., as desired. Admission fee is \$5 for adults, \$3 for children 2-12, and free for Elachee members.</p>	<p>Tom Govus and Leslie Edwards  <a href="mailto:edwa1616@bellsouth.net">edwa1616@bellsouth.net</a>  404-210-3088</p>
<p>Apr 14 Saturday 10:00 AM</p>	<p><b>Dixie Bog, Dew Threads and Pitcher Plants</b></p> <p>Formerly known as the Easter Plantation, this site has numerous pitcherplant bogs, some of which are a few acres in size with yellow flytraps (<i>Sarracenia flava</i>), hooded pitcherplants (<i>Sarracenia minor</i>), dewthreads (<i>Drosera tracyi</i>), Georgia feverbark (<i>Pinckneya bracteata</i>) and many orchids. We will also see uplands with intact wiregrass and longleaf pine. There is a large lake with interesting birds, such as osprey and bald eagles nesting in tall pines, and purple gallinules walking on lily pads. Dixie Bog is one of Georgia's premier botanical sites. The landowner usually makes available a wagon and we travel from bog to bog stirring up quail as we go along through acres of well-managed habitat.</p> <p><b>This trip requires preregistration with the trip leader.</b> Please provide your mobile phone number. It is important to be on time for the motorcade to the site.</p>	<p><b>Directions:</b> Meet at 10:00 AM at the Holiday Market Gas Station, 0.6 mi. north of Barwick, GA, Hwy. 33. Dixie Bog is reached by guided motorcade from Barwick. The side roads are obscure and often not marked. The mailing address is 900 Drew Rd., Dixie, GA between Son Wainwright Rd. and Moore Rd.</p> <p><b>Facilities:</b> Available at lodge on site.</p> <p><b>Difficulty:</b> Short, easy walks from vehicles.</p> <p><b>Bring:</b> Lunch or snacks, water, rubber boots or sneakers (bogs can be moist but not too soggy), binoculars for birding, hat, and tick and insect repellent.</p>	<p>Tom Patrick <a href="mailto:tom.patrick@dnr.ga.gov">tom.patrick@dnr.ga.gov</a>  706-476-4541</p>
<p>Apr 15 Sunday 10:00 AM</p>	<p><b>Pitcherplant Bogs, Turner County</b></p> <p>Two pitcherplant bog sites in Turner Co. will be explored. First, is a bog managed by Abraham Baldwin Agricultural College (ABAC Bog) along GA Hwy. 107 east of Ashburn. It features yellow fly-trap (<i>Sarracenia flava</i>) and hooded pitcherplant (<i>Sarracenia minor</i>), perhaps parrot pitcherplant (<i>Sarracenia psittacina</i>) and many other early spring bog plants. Second, is a private bog complex known as the Tom Riddle Tract that also features intact wiregrass uplands, located along Rebecca-Waterloo Rd. a few miles southeast of the ABAC Bog. Although somewhat unexplored, pitcherplants and other bog plants will be seen. Depending on how early spring is, some orchids and many upland plants should make both sites interesting.</p> <p><b>Please register in advance with the leader and provide mobile phone number.</b> It is important to be on time for the Tom Riddle Tract due to gated access.</p>	<p><b>Directions:</b> Meet at Zaxby's Restaurant, Exit 82 (Ashburn Exit), GA Hwy. 112. Bogs will be reached by guided motorcade from the meeting site. First bog site is along GA. Hwy. 107, 0.6 mi. east of jct. of GA. Hwy. 112 and 107. Second bog is 4 mi. east of ABAC Bog, take a right on Rebecca-Waterloo Rd. Site is on left through gated access road.</p> <p><b>Facilities:</b> None available on site.</p> <p><b>Difficulty:</b> Short, easy to moderate walks from vehicles.</p> <p><b>Bring:</b> Lunch or snacks, water, rubber boots or sneakers (bogs can be moist but not too soggy), binoculars for birding, hat, and tick/insect repellent.</p>	<p>Tom Patrick <a href="mailto:tom.patrick@dnr.ga.gov">tom.patrick@dnr.ga.gov</a>  706-476-4541</p>

## Upcoming Field Trips

<p>Apr 21 Saturday 10:00 AM</p>	<p><b>Cashes Valley, Bleeding Hearts</b></p> <p>This is a search for a recently reported location for bleeding heart, an extremely uncommon spring wildflower for Georgia. We will explore rocky ledges above old settlements along Fightingtown Creek, Cashes Valley. The valley slopes on the eastern side of the Cohuttas harbor a rich variety of wildflowers, but the exact location of bleeding hearts needs to be pinpointed. Other plants of interest include yellow ladyslipper and possibly goldenseal, besides the more common spring wildflowers.</p>	<p><b>Directions:</b> Meet at McDonald's Restaurant, junction of US Hwy 76 and GA Hwy 5 in Blue Ridge GA. We will drive into the Cashes Valley area in a motorcade from Blue Ridge. Going north on GA Hwy. 5 from Blue Ridge meeting place, take second left on Old GA Hwy 2, then second left onto Cashes Valley Road (County Rd.127). We will mostly walk along old trails and occasionally up steeper slopes to rocky areas.</p> <p><b>Facilities:</b> None available on site.</p> <p><b>Difficulty:</b> Moderate to difficult, some bushwhacking, 3 or 4 miles total hiking, all away from vehicles.</p> <p><b>Bring:</b> Lunch or snacks, water, sturdy hiking shoes due to rocky habitats, binoculars for birding, hat, tick and insect repellent, and rain gear.</p>	<p>Tom Patrick tom.patrick@dnr.ga.gov 706-476-4541</p>
<p>Apr 22 Sunday 10:00 AM</p>	<p><b>FDR State Park, Spring Flora</b></p>	<p>Trip description was not available at time of publication. It will be posted to the BotSoc website when available.</p>	<p>Hal Massie massiefarm@aol.com</p>
<p>Apr 28 Saturday 10:00 AM</p>	<p><b>Ramp Cove—Spring Cove Wildflowers &amp; Old Growth Buckeyes</b></p> <p>We will follow an unmaintained trail into one of Georgia's premier cove forests. We should see many trilliums, violets, bellworts, and other common cove species in bloom. We will also see several other plants of interest including huge, ancient yellow buckeyes, Dutchman's pipe vine, yellowwood, and of course, ramps. The round trip is less than three miles, but we will climb about 1200 feet elevation.</p>	<p><b>Directions:</b> We will meet at the Ingles in Hiawassee GA and carpool from there. From the intersection of North Main Street (US 76) and Bell Creek Road (GA 75) in Hiawassee, go east (south) on North Main Street for 0.4 miles. The Ingles will be on the left (94 N Main St, Hiawassee, GA 30546).</p> <p><b>Facilities:</b> None</p> <p><b>Difficulty:</b> Strenuous. There will be some bushes to duck under and logs to hop over in the trail, and the trail itself is often rocky and steep. A large turnout would also force some people to park on the far side of a creek at the beginning of the hike.</p> <p><b>Bring:</b> Lunch, sturdy footwear, raincoat, and plenty of water.</p>	<p>Jess Riddle jess.riddle@gmail.com 315-350-1179</p>
<p>Apr 28 Saturday 10:00 AM</p>	<p><b>Ogeechee Canal, Spring Flora</b></p>	<p>Trip description was not available at time of publication. It will be posted to the BotSoc website when available.</p>	<p>Bobby Hattaway botanikman@g-net.net</p>
<p>Apr 29 Sunday 10:00 AM</p>	<p><b>Wormsloe State Historic Site, Botanical Treasures</b></p>	<p>Trip description was not available at time of publication. It will be posted to the BotSoc website when available.</p>	<p>Bobby Hattaway botanikman@g-net.net</p>
<p>May 4-6 Friday-Sunday</p>	<p><b>Georgia Botanical Society Spring Wildflower Pilgrimage, Thomaston</b></p>	<p>Please see the Pilgrimage brochure for details.</p>	

## Society Contacts



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