BotSoc Vews



Volume 87 Number 4 July 2012

Annual Meeting and Election of Officers

The Georgia Botanical Society's Annual tall plant tales and pose questions to other 23, 2012 at Vogel State Park in Blairsville, GA.

This is an even year and election of officers will be an agenda item. According to our bylaws, a slate of officers is nominated prior to the election and sent to all voting members via the newsletter. Additional nominations from the floor are permitted, and in case of competition for any office, voting is by written ballot by members present. Elected officers 10:00 - 11:00 Board Meeting assume their duties following their election.

Preceding the meeting will be a membership social and brunch in the group shelter— an enclosed facility with available restrooms, air conditioning and cooking facilities.

The social will begin at 11:00 AM. Members meet. are encouraged to attend this pre-meeting 2:30 choice of walks social and either bring lunch, bring a dish to share with several others or cook food for 7485 Vogel State Park Road themselves and to share. The social will be a Blairsville, GA great opportunity for members to socialize, tell

Meeting will be held on Sunday. September members who may have a particular botanical expertise. After the end of the meeting, around 2:00 PM, the members will assist in cleanup and breaking down of tables and chairs. The new officers may also choose to meet at this time. Around 2:30 PM, we will reassemble for participation in a choice of walks. Some possible nearby locations are Brasstown Bald, Track Rock, and Vogel Nature Trail.

11:00 - 1:00 Social gathering and brunch (cooking OK, but you must byo pots/etc. and clean up your mess)

1:00 – 2:00 General meeting and elections 2:00 - 2:30 Clean up the room and break down tables, new officers may wish to briefly

IN THIS ISSUE:

Pilgrimage -Pages 2-5

Upcoming Field Trips -

President's Perspective -P10

Book review p11

The 2012 Nominating Committee* recommends the following officers to serve from September 2012 to September 2014:

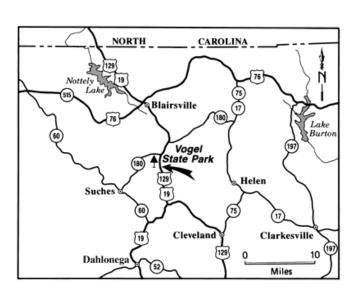
Jerry Hightower, President

Maureen Donohue, Vice-President

Linda Chafin, Secretary

Rich Reaves, Treasurer

* 2012 Nominating Committee: Ed McDowell (chair), Eddi Minche, Hal Massie, Mike Christison, and Jean Smith





BotSoc News

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

Submission deadline

Is July 1 for the September issue.

Subscriptions

Are included with membership.

Website:

www.gabotsoc.org

Editorial Office

Ellen Honeycutt ehoneycutt@bellsouth.net

© 2012 Georgia Botanical Society is a private nonprofit organization under IRS 501 (c)3. Founded in 1926.

42nd Annual Wildflower Pilgrimage

The 42nd annual Wildflower Pilgrimage was held in Clayton, GA in the beautiful north Georgia mountains of Rabun County.



The view from the Popcorn Overlook, at the Davidson Creek Botanical Area

Picture by Hal Massie

Botanical Society members gathered from all over Georgia to explore the unique and rich environments of the area through a choice of 21 field trips to waterfalls, rich coves, mountain balds, creeks and ridges. Although the spring season was early, we came inspired by the beautiful picture of mountain laurel (*Kalmia latifolia*) on the annual t-shirt and were not disappointed in what we found.



Pipevine (*Aristolochia macrophylla*) by Anita Reaves



Kalmia latifolia by E. Honeycutt

Clayton, GA May 4-6, 2012



The bright pink geranium (*Geranium maculatum*) was found on many of the field trips. The Diner of the Rabun County Civic Center was our evening headquarters. The setting was perfect for catching up, comparing notes and learning about the Florida Everglades trip (Friday) and Mountain Bogs (Saturday).

Pictures by E. Honeycutt





Listening and photographing—two of the main activities on pilgrimage field trips! On the left, Rich Reaves leads a group through Warwoman Dell. On the right, Mike Christison focuses on photographing a patch of early saxifrage (Saxifraga virginiensis) on the trip to Beegum Gap Boulder Field.

Pictures by Anita Reaves

OF NOTE: Georgia Botanical Society members may recall previous articles in the Society Newsletter which covered the Baatony Project on Roan Mountain, North Carolina. Jamey Donaldson, who has long managed this worthy endeavor involving the use of Angora goats to help control the invasive vegetation, has confirmed that for this year the Appalachian Trail Conservancy has again awarded a grant to help support the Project. Georgia Botancial Society has also renewed our adoption of goat #610 "Georgia" which was initially adopted a couple of years ago during a field trip to the Roan Complex. The project is always in need of support from various sources. Details can be found at http://baatanygoatproject.blogspot.com/.

42nd Annual Wildflower Pilgrimage





Left—*Trillium erectum* from Beegum Gap trip. Right—Davidson Creek field trip participants discovered ninebark (*Physocarpus opulifolius*).

Pictures by Hal Massie





Pictures by Richard Ware

Two of the special plants on the trip to Grassy Ridge Trail with leader Richard Ware. On the left is umbrella leaf (*Diphylleia cymosa*) which was found in a wet area with other moisture-loving plants like turk's cap lily (*Lilium superbum*). On the right is *Trillium vaseyi*, a much-admired sight whenever we saw it along the trail. The best looking one was just beyond the umbrella leaf area.

Clayton, GA May 4-6, 2012



Lilies are always special and the ability to spot Clinton's lily (*Clintonia umbellulata*) in bloom was no exception. This one was on the trip to Forest Cove at Hambridge Center.

Picture by Ellen Honeycutt



Fourleaf milkweed (*Asclepias quadrifolia*) offered pale purple blooms to those that spotted it on the same field trip.

Picture by Bobby Hattaway







Hikers on Sunday's Warwoman Dell trip read about howthe area got its name. Picture by Teresa Ware

Above, Steve Bowling, trip leader for the Queen Mine Cove trip, preps his participants.

Picture by Anita Reaves

Date	Description	Directions	Leader
July 7 10:00 am	Bots 'n Birds along Grassy Ridge Trail, Rabun County Grassy Ridge is one of the premier paths for spring and early summer floral displays in Rabun County. It begins at Patterson Gap, which separates Betty Creek Valley to the north from Persimmon Creek Valley to the South. Our hike route will be out-and-back, with the turnaround at Till Ridge Cove, known for its prolific crop of large-flowered trillium peaking in April-May, as well as other botanical goodies such as Carolina rhododendron, yellow mandarin, and dwarf larkspur. While the primary focus of the day will be botanical, there will also be interest in post-breeding dispersal of avian species including tanagers, spotted thrushes, and several species of warblers.	Meet Piggly Wiggly Grocery, Hy. 441, Dillard Facilities: None on trail Difficulty: Light to moderate difficulty; total hike covers less than two miles; only moderate elevation gains or drops. Bring: Pack snacks and beverages and we will picnic in the cove at the turnaround point. Remember to dress for the weather and wear good hiking shoes. You may wish to bring notebook, hand lens, camera and/ or binoculars.	Joel Hitt 404-784-6346 (reception may be spotty day of hike) joelhitt@ gmail.com
July 14 10:00 am to 2 pm	Dawson Forest Wildlife Management Area: Xeric cliffs to mesic shoals A central feature of Dawson Forest is the Amicalola River, where it twists through rugged geology as it transitions from the Blue Ridge into the Piedmont. Our walk will explore a wild portion of the Amicalola where it cuts through steep cliffs and impressive shoals. It begins in a xeric ridgetop oak-pine forest, where GA DNR has been conducting prescribed fire to open the canopy and understory for herbaceous diversity and to improve habitat for turkey beard, state protected Rare. Although done flowering, we will see the turkey beard as well as Piedmont prairie representatives in the burn area. We will then descend a steep trail to the Amicalola terrace. The terrace has incredible plant diversity, with flora from the Blue Ridge in addition to the Piedmont, and is lush with cinnamon ferns, dwarf paw-paw, mountain laurel, witch-hazel, fetter-bush, sedges, witch grasses, and winterberry, to name a few. After a scramble along an un-improved trail on the terrace, we may see several uncommon species: barren strawberry, mountain camellia, bay starvine, woodland spiderlily, tassel-rue, and brook saxifrage.	We will meet at the Dawson Forest Check Station off of Hwy. 53, 5 miles west of Dawsonville. The check station is just east of the Amicalola River Bridge on 53; cross it and you've gone too far. There is a wide gravel drive to the right (north) of 53 with a kiosk. Park along the drive. We will caravan in to the site along a gravel road. Facilities: None Difficulty: Approximately a three mile hike round trip. Easy walking 1 mile to the Amicalola, but the trail on the river terrace is not maintained and has a few areas where climbing over trunks or on rocks is required. Please join even if you'd prefer to stop and watch the river instead of going on the last part of the hike; this is an incredibly scenic area. Bring: Pack a lunch for a river-side picnic. Plenty of water, sunscreen, insect repellent for ticks and chiggers, and rain jacket if weather requires. Water shoes, camera, binoculars and maybe a hand lens are recommended.	Lisa Kruse Cell: 706-318- 3287 Email: lisa.kruse@ dnr.state.ga.us

Date	Description	Directions	Leader
July 21 10:00 am	West Fork Montgomery Creek Wade Lumpkin County On this two-part trip, we will first wade upstream into Penitentiary Cove, then hike downstream to a little-known waterfall on the West Fork of Montgomery Creek. This will be an exploratory trip in a beautiful trout stream that is part of the Etowah River drainage. During past wades in Montgomery Creek, we found mountain stewartia (Stewartia ovata) and butternut (Juglans cinerea) growing beside the creek. Joe-pye weed and sunflowers will be blooming in open areas. Small Green Wood Orchid, Platanthera clavellata common on the banks of the creek. Who knows what wildflowers we might see, but we will definitely stay cool doing it! Conditions: Easy, but slippery during the wade. A fisherman's trail parallels the portion of the creek we will be wading, so this entire trip can be done without getting wet.	Directions: Take GA 60 north to Dahlonega through downtown Dahlonega and take Old GA 60 (Business 60) through the square and north out of town. About 3 mi after leaving the square, look for a sign for Camp Frank D. Merrill, the US Army Ranger camp. Turn left onto Camp Washega Rd and go 9 mi until the road ends right in front of the Army Ranger Camp. Turn left and Mt. Zion Church is immediately on your left. Meet at Mt. Zion Church. Facilities: In Dahlonega. Walking: Actually, it will be a combination of wading and walking. Bring river shoes or whatever you are comfortable wearing in a rocky, slippery, cool, mountain stream. Bring: Lunch to eat on the creek, snacks, a good sense of humor, curiosity.	Hal Massie 478-836-4907 478-957-6095 (cell on the morning of the hike) massiefarm@ aol.com
July 28 10:00 am	Waterfalls Walk These gems are split between two states but just a short distance apart. We will enjoy a rich forest, have a pleasant walk, see some nice waterfalls in or near the Southern Nantahala's and get our feet wet. The total distance will be about five miles. Hiking is on a rugged trail/abandoned logging roads. There is some of the inevitable uphill but overall it is moderately strenuous. We may or may not have a wet crossing of a creek.	Directions: From Clayton – turn left onto Hwy 76 (west). Travel apx 7 miles to Persimmon Road. Turn right and travel apx 4 miles to Tallulah River Road. Turn left. Travel apx 6.5 miles to meet at Valley Community Church (on right). From there we'll caravan to parking spot. Facilities: Three campgrounds along the Tallulah River road have toilet facilities.	Eddi Minche eddmin @gmail.com 678-313-2582
Aug 18 10:00 am	Slide Show on Mount Rainier National Park, Olympic National Park, and Mount St. Helens National Volcanic Monument The State of Washington has magnificent natural splendor. This talk will discuss some of the great natural beauty (flora, fauna, and scenery) to be found at Mount St. Helens National Volcanic Monument (30 years after the explosive eruption), Olympic National Park (mountains, rainforest, and Pacific Coast), and Mount Rainier National Park. Lunch: Optional late lunch at local restaurant after show	Meet at Dunwoody Library: 5339 Chamblee-Dunwoody Road, Dunwoody, GA 30338. Note, the facility does not open until 10 Directions: Take I-285 north to exit 29 (Ashford-Dunwoody Rd). Go north on Ashford-Dunwoody to Valley View Rd. Turn right on Valley View and continue to the light at Chamblee-Dunwoody Rd. The library is across the intersection on the left on Chamblee-Dunwoody.	Rich Reaves 770-827-5186 rich.reaves@ att.net

		opcoming rich	
Date	Description	Directions	Leader
Aug 25 10:00 am	Summer Tree ID Workshop The morning session at the library will be a workshop teaching participants how to identify the major genera of trees in the summer condition, mostly using leaf characteristics. This session will last until ~1:00pm. Then most will enjoy lunch at a local Mexican Restaurant. Following lunch (if it's not too hot or raining) we will drive to the Big Trees Forest Preserve in Sandy Springs for a walk and to apply the knowledge gained at the workshop in the field. Meet at: Dunwoody library in the Williams Room Library address: 5339 Chamblee-Dunwoody Road, Dunwoody, GA 30338.	Dunwoody Library: From the West, take I-285E to Exit 29. Turn left onto Ashford-Dunwoody Rd. Bear right onto Mt. Vernon Rd. Turn right on Chamblee-Dunwoody Rd. The Library is on the left. From the East, take I-285 North or West to Exit 29. Turn right onto Ashford-Dunwoody Rd. Continue right on Mt. Vernon Rd. Follow as above. Facilities: On site at library. Lunch: At Mexican restaurant or bring your own. Bring: If you have these items, please bring: hand lens, measuring tool and either "Native Trees of the Southeast" by Kirkman, Brown & Leopold or "Trees of Georgia and Adjacent States" by Brown & Kirkman.	Richard and Teresa Ware 706-232-3435 (home) 706-766-5143 (cell) gabotany@ comcast.net
Aug 26	Palisades Canoe Float	Location: We will meet at Powers Island,	Jerry
10:00 am	Bring your own canoe or kayak and join us for a leisurely float on the Chattahoochee River. We will float a three mile section of the Chattahoochee River from Powers Island to Paces Mill at US Highway 41. There are three mild class 1.5 rapids suitable for beginners along this part of the river. The Palisades have narrow floodplains and steep ridges rising to over 1,000 feet. The area offers a great diversity of habitats and includes oak-hickory forest, steep north facing slopes, mesic ravine forest, and floodplain forest. Created by the geologic action of the Brevard Fault, the river, and the effects of weather; this is a rugged and beautiful section of the river. The river banks will offer an extraordinary array of late summer wildflowers. This will be a great trip for butterflies as well. We will stop at Devil's Stair Step Beach (Diving Rock) for lunch and a short loop walk. Directions: www.nps.gov/chat or 678-538-1200.	Springs, Georgia 30328 at 10:00 a.m. and quickly unload all of our equipment. We will then take the majority of the vehicles to Paces Mill and shuttle the drivers back to Powers Island. Please let me know if you have a multi-passenger vehicle and could help with the shuttle. Bring: Pack a lunch and we will picnic along the river. Sunscreen, a hat, rain jacket, and water should be brought along. Camera, binoculars, and maybe a hand lens are all recommended. Bring a day pack or other bag to secure items inside your boat. \$3.00 daily parking pass or annual parking pass needed. Facilities: Restrooms are located at Powers Island, our lunch stop, and Paces Mill.	Hightower RSVP 770-206-0338, cell or jerry_hightowe r@nps.gov

Date	Description	Directions	Leader
Sept 15 10:00 am	Plant ID Workshop (Asters, Asters, Asters!), Floyd County We will learn how to identify late summer flowers, with emphasis on the aster family (Asteraceae) or whatever is in bloom in September, using dissecting scopes and keys. After lunch, we will continue keying as long as folks want, possibly followed by a wildflower walk, if desired and weather permitting. Meet in Room 147, Plant Sciences Bldg., Berry College	Take I-75 to exit 290 (GA 20). Follow GA 20 and US 411 to Rome. At first traffic light (GA Loop 1) turn right, go to US 27, turn right. At next traffic light, turn left into the main entrance to Berry College. Pass guard house, go ¾ way around the circle; turn right between Hermann Hall and the Plant Sciences Building. Take first left, park in lot on right anywhere not marked "F/S." Enter via back door on left side and follow BotSoc signs to Room 147. Lunch: Bring to eat outside building, weather permitting. Facilities: Yes	Richard and Teresa Ware 706-232-3435 (home) 706-766-5143 (cell) gabotany@ comcast.net Registration required by Sept 10th.
		Bring : Radford's Flora of the Carolinas (if you have it).	
Sept 23 10:00 am	Annual Meeting—Vogel State Park 10:00 – 11:00 Board Meeting 11:00 – 1:00 Social gathering and brunch (cooking OK, but you must bring your own pots/etc. and clean up your mess) 1:00 – 2:00 General meeting and elections 2:00 – 2:30 Clean up the room and break down tables 2:30 choice of walks Location 7485 Vogel State Park Road Blairsville, GA 11 miles south of Blairsville via U.S. Hwy. 19/129.	From the NE Atlanta metro area: I-85 north to I-985; I-985 for 20 miles exit 24 toward US 129 (go to end of ramp) left onto US 129 Jesse Jewell Pkwy. for .6 mile; right onto US 129 Limestone Pkwy. for 2.1 miles; right onto US 129 which eventually merges with US 19/GA 11 (stay on US 129/US 19/GA11) for 41 miles total; left onto Vogel State Park Road From the NW Atlanta metro area: Get on GA 400/US19 north for approximately 38.8 miles (depending on entry point); left onto S Chestatee St/US-19/GA-60 for 5.1 miles; right onto Morrison Moore Pky E/US-19/GA-9/GA-52/GA-60. Continue to follow US-19/GA-9/GA-60 for 8 mi.; right onto US-19/GA-9 for 5.3 miles left onto US-19/US-129/GA-11. Continue to follow US-19/US-129/GA-11 for 10.5 miles; left onto Vogel State Park Road	

President's Perspective

Another of my four favorite seasons, summer, offers numerous opportunities to re-visit some beloved spots for viewing warm weather flowers. Gone are the ephemerals and in their place will appear lilies, summer orchids, black cohosh in bloom, *Impatiens*, Monk's Hood, Bee-balm and many others. Members of the composite (Asteraceae) family will be premiering their colors. From the mountains to the southernmost regions, our state will be abloom with summer treasures. Please remember when outdoors to take precautions against the notorious Georgia summer heat.

The Clayton Spring Wildflower Pilgrimage was a fantastic success even with the early arrival of spring. One cannot go wrong with Clayton, Georgia as a botanical destination. Thanks go to the many volunteers who helped make the pilgrimage successful. Field trips were excellent and educational, and evening speakers, Rich Reaves, Carrie Radcliffe and Mike Brod, presented interesting and entertaining programs. Special appreciation is extended Margaret Dunn, manager of the Rabun County Civic Center, for her gracious assistance in coordinating the use of those excellent facilities. Final count of total registrants for the pilgrimage was more than 120.

Following the Friday evening events, the Georgia Botanical Society board and committee members met in a brief session. Highlights of that meeting included a proposal to change the bylaws to allow election of Society officers during the third quarter of even numbered years rather than the current requirement to hold elections during the month of September of even numbered years. The board approved a motion to hold the 2013 pilgrimage in Augusta, Georgia. Also, Linda Chafin volunteered to be the Field Trip Chair for 2013.

During the pilgrimage, Candee and I facilitated one trip and participated in two others. Our Friday afternoon trip to Black Rock Mountain State Park proceeded along the 2.2-mile loop Tennessee Rock Trail. The trail sure seemed much longer than that. It must have been measured in country miles. Although a mild winter had affected early blooming on several species, many botanical wonders were still found. At the trail head in the picnic area were seen catawba rhododendron (*Rhododendron catawbiense*) and columbine (*Aquilegia canadensis*) in bloom. Shortly after the start of the hike, a pnk lady's slipper (*Cypripedium acaule*) was seen beside the trail. Several examples of

Solomon's plume (*Smilacina racemosa*), Solomon's seal (*Polygonatum biflorum*), yellow mandarin (*Disporum lanuginosum*), mayapple (*Podophyllum peltatum*), spiderwort (*Tradescantia virginiana*), cucumber root (*Medeola virginiana*), yellow stargrass (*Hypoxis hirsute*) and Clinton's lily (*Clintonia umbellulata*) were observed along the trail. Dozens of white and ageing pink blooms of Catesby's trillium (*Trillium catesbaei*) were observed as were several past-peak flowers of red toadshade (*Trillium cuneatum*). Of special interest was the abundance of Vasey's trillium (*Trillium vaseyi*) blooms at anthesis.



Photo by Jim Drake

Members are reminded of the Georgia Botanical Society's general meeting on Sunday September 23, 2012 at the Vogel State Park group shelter. The shelter is an enclosed facility with available restrooms, air conditioning and cooking facilities. This is a very important meeting because it will include the election of new Society officers. Preceding the meeting will be a membership social and brunch. We have one business item to vote on:

Shall the Georgia Botanical Society Bylaws be amended to delete the words "in September" and in their place add the words "during the third quarter" in the first sentence in Article IV: Officers, Section 7 of the Society Bylaws.

Have an exciting summer. See you soon.

Jim Drake

Book Review

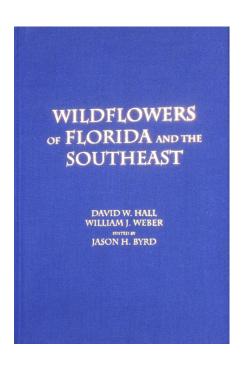
Wildflowers of Florida and the

Southeast is a new book (2011) by David W. Hall and William J. Weber that has been a long time in the making. Years of photography by Dr. Weber in Florida and the Southeast are represented here. This collaboration with Dr. Hall, a Florida botanist, has produced an identification resource for 768 native and naturalized plants, both woody and herbaceous.

Of the plants represented in the book, some are endemic to Florida, but many have a range that includes the Southeastern Coastal Plain and even beyond—such as mountain laurel (*Kalmia latifolia*). Some plants are not native to the US but are plants that have escaped from cultivation. Plants likely to be found by the average enthusiast in southeastern Georgia and Florida are covered, whether they be native or naturalized.

The Introduction section contains a very thorough description of the plant communities that are home to the plants found in this book: coastal areas, forest, flatwoods, hammocks, marsh and more. Our understanding of plants and where they grow depends on our better understanding of these communities.

Plant pictures are arranged by bloom color to facilitate field identification using a flower. Each plant has a written profile which includes both the scientific and the common names plus plant family and one or more pictures. Provided are details like Habit (perennial, vine, shrub, and height), Leaves (arrangement and description), Fruit description, Habitat and Distribution as well as some general Comments. The authors share a wide variety of comments including personal



observations about growing these plants themselves.

A good feature of any guide is a glossary - it allows the authors to provide botanically descriptive words familiar to the advanced reader while helping the novice plant enthusiast deepen their understanding of plant characteristics. As an example, the profile of dahoon holly (Ilex cassine) states that the flowers are found in the leaf axils. Using the glossary you can look up "axil" to see that it means "the upper angle betweeen leaf and stem."

For those using this book to find pictures or details on plants they already know, an index is provided with both scientific and common names.

Regardless of your experience, if you live in the area covered by this book, I think you will find this a useful resource.

Reviewed by Ellen Honeycutt

Society Contacts

NONPROFIT ORG.
U.S. POSTAGE PAID

ATHENS, GA PERMIT NO. 1



2718 Stillwater Lake Lane Marietta, GA 30066-7906 www.gabotsoc.org

OFFICERS and BOARD MEMBERS

President - Jim Drake (678.482.2127) drake3800@charter.net

Vice-President - Jerry Hightower (678.538.1245) jerry_hightower@nps.gov

Treasurer - Rich Reaves (770.827.5186) rich.reaves@att.net

Secretary - Linda Chafin (706.548.1697) Ichafin@uga.edu

Past President - Ed McDowell (478.929.1267) ed.mcdowell@cox.net

Richard Ware (706.232.3435) gabotany@comcast.net

Teresa Ware (706.232.3435) teresaaware@comcast.net

Bobby Hattaway (912.653.2228) botanikman@g-net.net

Gil Nelson (229.377.1857) gnelson@bio.fsu.edu

Eddi Minche (678.313.2582) eddmin@gmail.com

Chair Representatives

Field Trip - Eddi Minche (678.313.2582) eddmin@gmail.com

Membership - Anita Reaves (770.827.5186) rich.reaves@att.net

BotSoc Boutique - Jenneke Somerville (706.354.7837) jenneke1@hotmail.com

Marie Mellinger Grant Fund - Elaine Nash (770.922.7292) einash33@bellsouth.net

Historian - Nancy Shofner (404.881.6346) nshof@mindspring.com

Tipularia Chairman - Richard Ware (706.232.3435) gabotany@comcast.net

Tipularia Art Director - Brad Sanders (706.548.6446) bsandersga@fevertreepress.com

Webmaster Merrill Morris (706.354.4139) merrill.morris@gmail.com

Chapter Representatives

Martha Joiner (912.764.6329) joiners@frontiernet.net

Bobby Hattaway (912.653.2228) botanikman@g-net.net