



EARTHWORKS



Volume 5, Issue 4

April, 2011

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The Annual Great Garlic Mustard Pull!!!

The Annual Great Garlic Mustard Pull may occur on multiple weekends this year - there is plenty to go around! The weekends are April 9th (depending on growth) and 23th.



Keep Cobb Beautiful Letter of Appreciation for the March 12 Tree Planting Work Day.

From: Baldwin, Gwen
Sent: Tuesday, March 15, 2011 10:17 AM
To: Anne Strand

Subject: RE: # volunteers for tree planting on 3/12

It was our pleasure to be part of the reforestation efforts with the NPS. What a well organized, great turnout! KCB is very fortunate to be able to work with the GFC and Joe Burgess. Thanks so much for your club's partnership. We look forward to future projects with the Kennesaw Mountain Trail Club.

Sincerely,

Gwen

Gwen Baldwin
Public Programs Coordinator
Keep Cobb Beautiful

Annual Tool Inventory

We met at the tool shed on a rainy Saturday (3/26) to inventory our tools and clean our tool shed. This year went faster than last year with many of the experienced crew leaders already knowing the procedure. This time is also used for crew



leaders to discuss trail work and to socialize. Several new additions were made for our "tool wish list." Crew Leader

books were also updated. If you did not make this event and do not have the latest data in your crew leader book, please get with Jim Moylan.

New Parking Lot opened on Cheatham Hill Road

The park now has more parking on Cheatham Hill Road at the Kolb Farm trail head. This parking lot is perfect for exploring the south section of the park where the battle of Kolb Farm occurred in June of 1864. (ref: http://en.wikipedia.org/wiki/Battle_of_Kolb's_Farm). If you know where to look, there are earthworks along many places of the trail and you can definitely get a sense for the terrain that the soldiers traveled across, including the marsh area where Maj. Gen. Thomas Hindman's troops came to a stop and were forced to withdraw under fire. A trip around this loop in the hot and humid days of June or July brings out that history even more vividly.

The Kolb Farm trail is popular for its well marked 5 mile loop following the "red circuit" signs and going counterclockwise. It is also an equestrian trail that stays wide most of the distance so hiking in groups is easy. Also, drinking water is available on this trail at about the halfway point. A typical hike around this loop takes two hours. Add an hour if you include going over to the Illinois Monument and dawdle to explore that area a bit or stop for more drinking water (at the monument parking lot). When you return from the hike there are picnic tables at the north end of the Cheatham Hill Road parking lot to stop and have lunch or just a snack.

Please do use the safety crossing signs at Cheatham Hill Road.

Like to write?

Please submit your own articles to our newsletter. Let people hear about your favorite hikes in the park, why you volunteer, and what your most rewarding experiences with the trail club have been.

Special Thanks To This Year's National Trails Day Sponsors!

Special Thanks To This Year's National Trails Day Sponsors!

Many of the sponsors listed below have supported the Trail Club for years & some of the sponsors are new partners this year. Either way, these area merchants show they value the natural beauty of Kennesaw Mountain National Battlefield Park and the work the Trail Club does every month to preserve the Park.

Please stop by these merchants & give them a big "Thank you!"

REI - door prizes - 2 Day Packs & two \$50 Gift Certificates - 740 Ernest Barrett Pkwy

Big Peach Running Co. - \$50 Gift Certificate & many energy bars to keep us going - 1625 Ridenour Boulevard off Barrett Pkwy

Daily Grind Coffee – free coffee got our morning off to a delicious start! The Shops at Due West on Due West Road

Chik-Fil-A – Free sandwich coupons for all volunteers! - 830 Ernest Barrett Pkwy

Target - 740 Ernest Barrett Pkwy – energy bars for volunteers

Kroger – many area stores – many cases of bottled water

Costco – energy bars for volunteers and a \$25 gift certificate for Club expenses for the National Trails Day Event.

Interested in Plants?

We seem to have more and more invasive plants popping up around the park. Also, opportunities to perform planting and transplanting have been increasing. If you have a passion for plants and would like to take on a bigger role in KMTC, please contact the Trails Director Scott Mackay. There is need for someone to help map where invasive plants are in the park and to work with the park to compile a list of preferred native plants for replantings. This person (or persons) will also help to monitor recent plantings and collect data on their progress. A passion to do this by using local community resources such as youth groups is a big plus. If you are not already a crew leader, you will be placed high on the list for next Winter's classes.

"Earthworks" is published monthly by the Kennesaw Mountain Trails Corps.

Editor: Fred Feltmann
770-516-9120

E-mail: faf1948@bellsouth.net

Additional Volunteers needed! Call today!

FAX: 770-516-9120 (Call first, so I can turn it on!)

CALENDAR OF EVENTS

APRIL 2, 2011 - NATIONAL PARK DAY

PARK SERVICE AREA

TIME: 9 AM – 1:30 PM

We will join with the Park and the Civil War Trust to perform trail maintenance around the park - see the flyer on page 14.

2ND SATURDAY WORKDAY APRIL 9, 2011

PARK SERVICE AREA

TIME: 8:30 AM – 1:30 PM

The Great Garlic Mustard Pull, Part I

We will be going after some of the invasive plants along the trails.

Other Projects TBD

APRIL 23, 2011 - EARTH DAY - THE GREAT GARLIC MUSTARD PULL, PART II (AND OTHER INVASIVE PLANT ATTACK!)

We will be going after some of the invasive plants along the trails.

Ad-Hoc Work Days

The nice spring weather has brought out more ad-hoc work days.

If you are a KMTTC trained crew leader, you can plan and conduct your own work days to complete projects that you have discovered and you can recruit other crew leaders, friends, family, or strangers to help you. All of the paperwork you need is in your crew leader book (waiver, parental consent & roster forms). It is important to let Tom Sparks at the park know when, where, and what you will be doing and you should not take on certain work alone. You should also let the Trails Director Scott Mackay know the project you are planning to do since that same project might already be scheduled for another group to take on or reserved for a scheduled work day.

If you have a group that would like to work a special project, contact **Scott Mackay** with the size of the group and desired work dates (including options).

Some ad-hoc activities that occurred this past month are:

- Some Bamboo Removal at south end of park (on three separate dates)
- Some Wisteria Removal at Brumby Circle
- Social Trail Closings around French's Rock
- Installation of 30' of Fence on Little Kennesaw

Ad-hoc workdays are a great way to get out in the park and do something constructive. Also, invasive plant removal can be conducted with younger groups where the kids drag and stack while the adults handle the tools. There is also plenty of trail grading and drainage trench cleaning work out there that teenagers can do. Or if you don't want physical work

to do, you can organize a nice hike to perform some light pruning or conduct a trail inspection. Trail Report forms are in your crew leader book.

Rock Stairs Class

Five KMTTC crew leaders along with five Chattahoochee crew leaders participated in a rock stairs class taught by Geoff Grosgrouth. This was a hands-on class to teach the basics of building rock stairs and was conducted on the south end of Little Kennesaw near French's Rock. During this class they constructed five wide steps on the trail using rocks scavenged from the area and also built up a protective rock barrier on one side to protect the roots of a tree growing at the trail edge.

Mark Your Calendars!

Upcoming Work Day Schedule:

National Park Day 4/2/11

April Workday - 4/9/11

Earth Day - 4/23/11

May Workday - 5/14/11

June Workday - National Trails Day - 6/11/11

July Workday - 7/9/11

Our trail work days are open to the public on the 2nd Saturday of each month and are a wonderful way to get outside & enjoy nature while helping preserve the national park for future visitors. We meet at the maintenance buildings up the hill from the Visitor Center at 8:30 a.m. and usually are finished by 1:00 p.m. Activities usually include the use of shovels, rakes, picks, and other tools to fix erosion problems on the 20+ mile trail system. Please do not wear open-toed shoes & long pants are recommended.

As the summer months approach, weather conditions can change quickly. We value our volunteers' health, comfort and safety so to promote safer work conditions, we'll cancel work days if there's a high probability of precipitation. If we must cancel a workday, we'll post an announcement on the front page of the KMTTC website at: www.kennesawmountaintrailclub.org

If your school, church, business, or community organization would like to schedule a special work day as a team building or public service activity, e-mail us at kmtctrails@kennesawmountaintrailclub.org at least 4 weeks in advance. Trail work can be performed any day of the week.

We work closely with the Park Service and assist the park staff by providing critically needed volunteer effort to install signs, build bridges, and maintain the 20+ miles of trails. Since our beginning in 2002, the Trail Club has donated over 25,000 volunteer hours to Kennesaw Mountain National Battlefield Park.

We hope to see you at a work day soon!

Cell Phone Audio Tour

Look for new signs around the park that give you the phone number and stop number for information about the location you are standing near. Each pre-recorded message is presented in a pleasant voice and provides history and fact information. Most messages are several minutes long. I played back message 103 and it lasted through my walk from the parking lot to the Illinois monument where the next sign and message number is posted.



Union 24-Gun Battery

In the next year or so, we will begin laying out a trail that goes to the Union 24-gun battery pictured above. Barely discernible in the photo above is just 4 of the 24 gun emplacements! As noted above, there are 24 emplacements in this arc! (All facing Kennesaw Mtn.)



Crew Leader Ditch Witch Class

Seven crew leaders stayed late through a Saturday afternoon to be trained in safe use of the two Ditch Witch skid steers. These machines can make easy work out of moving dirt and leveling trails.



New Sign Installed

A new sign has been installed at the trail going to Little Kennesaw from the Big Kennesaw drive up road. This sign makes it clear where that the trail goes versus how to get back to the visitors center.



Closing a "new" social trail on Little Kennesaw, above.

← New Parking area On Cheatham Hill Rd!

KMTC teams up with Keep Cobb Beautiful to plant trees

March brought out a lot of younger volunteers and we had a perfect project waiting for them. We teamed up with Keep Cobb Beautiful on March 12th to help plant hardwood trees in an area of the park that is being reforested. 500 hardwoods of various varieties were planted. Among them were a few plum trees that will bring color to the park in the spring and food for the animals. Some varieties of maple should also bring color in the fall.



Walton Teen Service Corps on March 12

On Saturday, March 12, the WTSC planted Red Oak trees as part of the Kennesaw Mountain Trail Club/Keep Cobb Beautiful project near Cheatham Hill Road. The Walton Teen Service Corps is a partnership between Walton Communities and Hands On Atlanta, the non-profit organization that matches the teen volunteers with other local non-profit organizations. Home base for the Walton Teen Service Corps is at the Walton Ridenour Teen Center, located behind the Walton Ridenour Legacy Center. Ne'Kia Nichols is the Director and volunteered with the students.

The Walton Teen Service Corps is a service learning program for resident teens of Walton Communities, ages 14-19. The program is designed to build character and broaden the outlook of teens through service learning. Each week there are service learning opportunities, time for academic help, and leadership sessions. The Trail Club is pleased to have the Walton Teen Service Corps volunteer with us again as they did this past fall.



NPS Letter of Appreciation!



From: Thomas Sparks
Sent: Friday, March 18, 2011 6:16 AM
Subject: Tree Planting Cheatham Hill Road area of Kennesaw Mountain National Battlefield Park

All,

We want to express our appreciation for the support that Keep Cobb Beautiful, Georgia Forestry Commission, Kennesaw Mountain Trail Club, Cub Scouts and all the other volunteers provided to Kennesaw Mountain National Battlefield Park on Saturday, March 12, 2011.

You and your groups of volunteers worked very hard to plant the trees in the park field that we are trying to stabilize and re-forest. We are grateful for the dedication and assistance you provided to us.

Thank you again for your service and support. It is our hope that Kennesaw Mountain National Battlefield Park will benefit from your outstanding volunteer efforts in the future.

Thank you for a job well done!

Thomas Sparks

Facility Manager

Kennesaw Mountain National Battlefield Park
905 Kennesaw Mountain Drive.
Kennesaw, Georgia. 30152

Trail Closure For Bridge Construction - Noses Creek

Because of bridge rehabilitation, portions of the fire road trail between Burnt Hickory road and Dallas highway will be closed beginning on March 2, 2011.

During bridge construction, the parallel hiking trail will remain open as a detour, that begins and ends at the same destination as the fire road trail.

The hiking trail is noted on the [Kennesaw Mountain Trail Club Map](#) with a green line that diverts from the main red line trail. Click the link above to view the map or to access the maps page [click here](#).

The trail will be reopened during the month of April while the concrete for the bridge "cures" but will be closed again for further construction at the beginning of May 2011.

If you have any questions contact the visitor center at 770-427-4686 x 0.

Wildflower Walks at Kennesaw Mountain Battlefield Park

By A.P. Mosby

While you are in the middle of sweating to build a new trail or maintain an old one at Kennesaw Mountain, do you ever wonder what plants are next to your shovel or Pulaski? For the last couple of years Dr. Mary Meyer has shared her knowledge of native plants during wildflower walks on the park trails south of Burnt Hickory Road, most recently on March 30th, April 2nd and 9th. Her special interests, accumulated over 40 years of observation, include mushrooms and wildflowers. She is also a nature writer, and photographer focusing on Georgia native plants, animal habits and edible wild plants. See her website at <http://wildingeorgia.com> or her blog at <http://wildingeorgiablog.com>. She has also created a photographic CD, "Wildflowers of Kennesaw Mountain and North Georgia" that is available at the park's visitor center.

The second walk of the series on a sunny Saturday drew about 30 adults and children to explore the edge of the trail. The group identified approximately 50 different flowering plants and learned:

- Spring 2011 was early and has been atypical in how plants are emerging.
- What's good to eat in the wild: wild chives or wild onions (rice pilaf); mouse-eared chickweed (chickweed soup: sauté with butter and onion, add chicken broth or cream); mushrooms (know your varieties before munching!); mint family (square stems); mustard plant or pepper plant (seeds can go into the pot for a pepper flavor); salad greens with tender new dandelion leaves, violet petals, unfurling fiddlehead ferns, and greenbrier tendrils. See also <http://eattheweeds.com>.
- Be careful about harvesting edible plants close to a path since they may have been visited by dogs. But that's OK! Just wash them thoroughly because animal pee is highly sterile in a healthy animal!
- Do not eat anything with a frilly carrot leaf without knowing what you are doing. It may be in the hemlock family and could be poisonous.
- The group learned how dirt is made with a couple of visuals in the path and on downed logs.
- Native Americans used bloodroot to dye textiles. It's also great face paint.
- Trees cover invasive diseases with galls.
- Every flower has a landing pad for insects so that the bug's weight pulls pollen-filled stamens to its back as it is searching for nectar.

For even more detail see <http://www.gnps.org/> by the Georgia Native Plant Society. Magic is in the woods. Just look for the little brown jugs of the ginger plant, the flame of the native azalea or sniff the fragrance of Carolina allspice.



Ginger - Little Brown Jug

Star Chickweed



Trail Club Special Project- Planting of Chestnut Seeds

- **Natural Range of the American Chestnut**



- **Blight transforms the forest**

The American chestnut tree reigned over 200 million acres of eastern woodlands from Maine to Florida, and from the Piedmont plateau in the Carolinas west to the Ohio Valley, until succumbing to a lethal fungus infestation, known as the chestnut blight, during the first half of the 20th century. An estimated 4 billion American chestnuts, up to 1/4 of the hardwood tree population, grew within this range.

- **Efforts to restore the Chestnut by The American Chestnut Foundation (TACF)**

The Georgia chapter was founded to bring about the restoration of the American Chestnut tree as a prominent part of Georgia forests by assisting the national foundation in its propagation efforts,

by promoting public awareness through education and by supporting the scientific research efforts of TACF directed at restoring American Chestnuts.

Primary activities of The Georgia Chapter of TACF

- Finding and identifying surviving trees
- Pollinating them
- Harvesting nuts
- Planting American Chestnut trees throughout the state of Georgia
- Identifying potential sites for breeding orchards within the state
- Preserving local genetics
- Breeding blight resistant and regionally adapted trees
- Public outreach and education
- Organizing members and volunteers in these activities

- **Trail Club project**

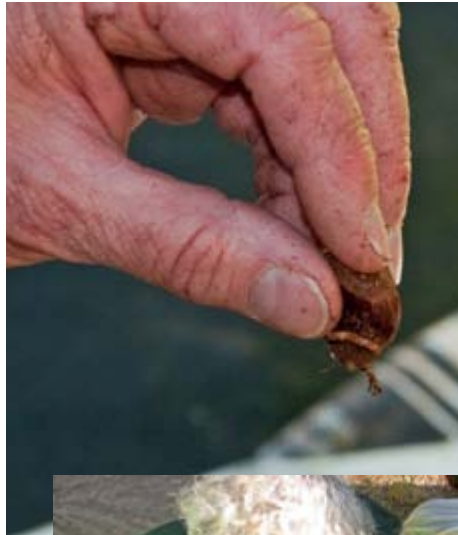
- ✓ 16 March, 15 seeds, planting sleeves and powerpoint instructions were received from Professor Martin Cipollini of Berry College.
- ✓ 21 March, sites were selected and flagged, 5 seeds for each site
 - Field across from the Park Visitor's Center
 - Field near the 24-Gun Battery
 - New restoration area near Cheatham Hill Road
- ✓ 25 March at 9 am the crew consisting of Scott Mackay, Jay Dement, Geoff Gros Guth, Doug Tasse, Harry Carpenter, Jay Haney and Fred Feltmann met at the Park Maintenance Building. They were joined by Mildred Pratt, NPS. Planting was completed that day at the three sites.
- ✓ Community groups will monitor the growth of the trees. This will help TACF evaluate these three sites as future breeding orchards.

Mature chestnut trees before the blight

http://en.wikipedia.org/wiki/American_Chestnut



*American Chestnut
seedling planting process.*



Trail Club Shirts and Merchandise Available

http://www.cafepress.com/kennesaw_trails

100% Cotton Denim Embroidered Shirt \$35.00



Support your club and Kennesaw Mountain National Battlefield Park by showing the colors. We have a selection of shirts both long-sleeved and short-sleeved available in our online Gear Store. 20% of the purchase price of any of our products goes directly to support the park.

The yellow tee shirt (\$17.99) with the club logo on the back has become the default standard uniform shirt for trail workdays. The bright yellow color stands out in the woods, and the logo is clearly visible when you are bent over swinging a Pulaski or a MacCloud.

If you would like to have one or more shirts at this price, e-mail **Jay Dement** at kmtctees@kennesawmountaintrailclub.org with your name, size, and quantity of shirts. The Yellow shirt is available at a special price of \$15.00 during Trail Maintenance on the second Saturday of the month.

Reporting Your Hours - An Important Aspect of Volunteering!

"TIME = Money for the Park - Each Volunteer is currently worth more than \$20.00/hr."

Yes, we all are guilty - forgetting/neglecting to report our hours for working. How many hours did we REALLY work for the Park last year? Was it 500 hours, 2000, or maybe 5000???? Have you spent time outside of our 2nd Saturday Workdays helping the Park - e.g. spent time picking up trash, fixing drainage, helping with events, or club administration?

If you signed the roster at an event, your time is recorded. Otherwise you need to report it through the form on the website.

Youth Service Project candidates need to report total hours for their project to the Trail Club and to the Park before their project is considered complete.

Help us out this coming year - Please enter your hours on the website - it's currently near the top of the first page - or go directly to <http://kennesawmountaintrailclub.org/formmail.html>.

Contact List - Updated 1/6/11

<u>POSITION</u>	<u>NAME</u>	<u>E-MAIL</u>
President	Jerry Givan	kmtcpresident@kennesawmountaintrailclub.org
Vice President	Randy Whiten	kmtcvp@kennesawmountaintrailclub.org
Secretary	Anne Strand	kmtcsecretary@kennesawmountaintrailclub.org
Development Director/Historian	Jay Haney	kmtcfinance@kennesawmountaintrailclub.org
Trails Supervisor	Scott Mackay	kmtctrails@kennesawmountaintrailclub.org
Membership Director	Anne Strand	kmtcmembership@kennesawmountaintrailclub.org
Outreach Director	Jay Dement	kmtcoutreach@kennesawmountaintrailclub.org
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T-Shirt Ordering	Jay Dement	kmtctees@kennesawmountaintrailclub.org
Trail Ambassadors	Jay Dement	kmtctees@kennesawmountaintrailclub.org

March

- March 14** – Monday Night Program – Donna Rowe – “*In Vietnam: An Army Nurse Remembers*” 7:00p
- March 26** – KSU Symposium “*Civil War to Civil Rights*” 1:00p – 6:00p
- March 30** – Guided Wildflower Walk – Meet at Burnt Hickory Road parking at 9:00a



April

- April 2** – Guided Wildflower Walk – Meet at Burnt Hickory Road parking at 9:00a
- April 2** – Park Day
- April 9** – Guided Wildflower Walk – Meet at Burnt Hickory Road parking at 9:00a
- April 16** – Guided Bird Walk– Meet in parking lot at 7:30 a
- April 17** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
- April 18** – Monday Night Program – Dr. Gordon Jones – “*Georgia On the Eve of War: 150 Years Later*” 7:30n

- April 20** – Guided Bird Walk– Meet in parking lot at 7:30a
- April 23** – Guided Bird Walk – Meet in parking lot at 7:30a
- April 23** – Jr. Ranger Day
- April 27** - Guided Bird Walk – Meet in parking lot at 7:30a

May

- May 15** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
- May 16** – Monday Night Program – Giff Beaton – “*Savannah Naval Operations in the Civil War: Forts and Monitors*”
- May 20** – Dog Hike –Meet at Burnt Hickory Parking Lot at 10:00a
- May 21** – Dog Program – Meet behind the visitor center at 11:00a
- May 26-May 30** – Veteran Uniform Display in the Visitor Center Lobby
- May 28** – Dog Hike – Meet at water fountain behind the visitor center at 10:00a
- May 28** – Cheatham Hill Guided Walk – 11:00a & 1:00p

- May 29** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
- May 30** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p

June

- June 8** – Wee Wednesday – Program for children 4-8yrs – 10:00a &1:00p
- June 10** – Dog Hike – Meet at Burnt Hickory Parking Lot at 10:00a
- June 12** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p

- June 14** – Dog Program – Meet behind the visitor center at 11:00a
- June 15** – Wee Wednesday – Program for children 4-8yrs – 10:00a &1:00p



- June 18** – Dog Hike – Meet at water fountain behind the visitor center at 10:00a

- June 19** – Cheatham Hill Guided Walk – 11:00a & 1:00p

- June 22** – Wee Wednesday – Program for children 4-8yrs – 10:00a &1:00p
- June 24-26** Civil War Civilian Display in the Visitor Center Lobby
- June 25-26** – Battle Anniversary - Artillery and Infantry Demonstration 11:00a, Noon, 2:00p, and 3:00p

July

- July 3** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
July 3 - Cheatham Hill Guided Walk – 11:00a & 1:00p
July 15 – Dog Hike – Meet at Burnt Hickory Parking Lot at 10:00a
July 20 – Wee Wednesday – Program for children 4-8yrs – 10:00a & 1:00p
July 23 – Dog Hike – Meet at water fountain behind the visitor center at 10:00a
July 30 – Cheatham Hill Guided Walk – 11:00a & 1:00p
July 31 – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p



August

- August 14** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
August 20 – Cheatham Hill Guided Walk – 11:00a & 1:00p

September

- September 4** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
September 5 – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
September 12 – Monday Night Program – Dr Keith Hebert – “What Does the Civil War Mean to Americans in 2011”

October

- October 2** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
October 15 – Georgia Division – Living History Program and Encampment - 11:00a, Noon, 2:00p, and 3:00p
October 16 – Georgia Division – Living History Program and Encampment - 11:00a, Noon, 2:00p, and 3:00p
October 17 – Monday Night Program – Brad Quinlin – “USCTs in the Atlanta Campaign”
October 23 – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p

November

- November 6** – Artillery Demonstration 11:00a, Noon, 2:00p, and 3:00p
November 14 – Monday Night Program – Lee White – “Manigault’s Brigade at Kolb Farm”



2011 Schedule of Events



Lectures
Living History Programs
Guided Hikes/ Walks
Volunteer Events

All programs are free and open to the public and are subject to weather and personnel availability. All programs meet at the Visitor Center unless otherwise noted.

**Proposed Powder
Springs Rd/Cheatham
Hill Road Intersection
Changes**

**Project Description
Georgia Department of Transportation
Project STP00-0004-00(449)
P.I. Number: 0004449
Cobb County**

The proposed project would add the following: an approximately 580-foot long right turn lane on eastbound SR 360 (Powder Springs Road) to accommodate turning movements to southbound Callaway Road, an approximately 440-foot right turn lane on westbound SR 360 (Powder Springs Road) to accommodate turning movements to northbound Cheatham Hill Road; and a 5-foot wide sidewalk to the south side of SR 360 (Powder Springs Road). The existing rural shoulder on SR 360 (Powder Springs Road) would be converted to a curb and gutter urban section within the proposed project's limits. Approximately 950 linear feet of Callaway Road would be improved to accommodate double left turns to westbound SR 360 (Powder Springs Road) and a dedicated right turn lane to eastbound SR 360 (Powder Springs Road). The existing rural section would be converted to an urban curb and gutter section with 5-foot wide sidewalks on each side of the road. Approximately 725 linear feet of Cheatham Hill Road would be improved to add a dedicated right turn lane to westbound SR 360 (Powder Springs Road). The existing rural section would be converted to an urban section; however, no sidewalks are proposed because this section of the project abuts Kennesaw Mountain National Battlefield Park. The reconstructed intersection would also change the 60-degree skew angle to 70 degrees.

**Project Need and Purpose
Georgia Department of Transportation
Project STP00-0004-00(449)
P.I. Number: 0004449
Cobb County**

The need exists to improve safety, operations, and mobility for traffic at the intersection of Powder Springs Road at Callaway Road/Cheatham Hill Road in Cobb County to accommodate its growing population. The purpose of this proposed project is to reduce traffic congestion at the intersection, in order to reduce the potential for traffic accidents. The history of traffic crashes at this intersection reveals that 67% of the crashes are rear-end collisions, which are an indicator of traffic congestion.

The intersection of Powder Springs Road at Callaway Road/Cheatham Hill Road is at a crossroads of commuter traffic traveling to and from residential areas to employment centers. The proposed Windy Hill Road/Macland Road Connector is planned south of this intersection to divert many of the commuter trips originating in Paulding County. However, there are commuter trips with destinations in the City of Marietta located northeast of this intersection. Traffic peak volumes reflect the directional traffic patterns during the A.M. and P.M. peak hours. Specifically, Powder Springs Road northbound traffic and Cheatham Hill Road southbound traffic is prominent in the morning peak hour. The reverse of these traffic movements occurs in the evening peak hour.

An intersection capacity analysis was conducted at this intersection with and without the improvements. The results of this analysis indicates that the intersection operates at a failing level of service under existing conditions and improves to a LOS "D" in the design year 2032 with the recommended lane configuration.

In addition to the traffic deficiencies that require improvements, Callaway Road is skewed at a 60-degree angle to Powder Springs Road. This intersection angle is undesirable and does not meet safety design requirements of the Georgia Department of Transportation. The skew creates an undesirable and unsafe left-turning path at the intersection. This project improves the intersection skew angle to 70-degrees, which would provide an improved turning movement for the left turning vehicles on Callaway Road.



SR 360/Powder Springs Rd at Callaway Road/Cheatham Hill Rd

Project Number: STP00-0004-00(449)
County: Cobb County
P. I. Number: 0004449

August 7, 2008



Moreland Altobelli Associates, Inc.

Legend	
	Existing Property Lines
	Easement
	Required ROW
	Proposed Pavement/Curb and Gutter
	Sidewalk
	Trail
	Historic Boundary

Park Day
April 2, 2011
Building an amphitheater.



Kennesaw Mountain

National Park Service
U.S. Department of the Interior



Kennesaw Mountain
National Battlefield Park

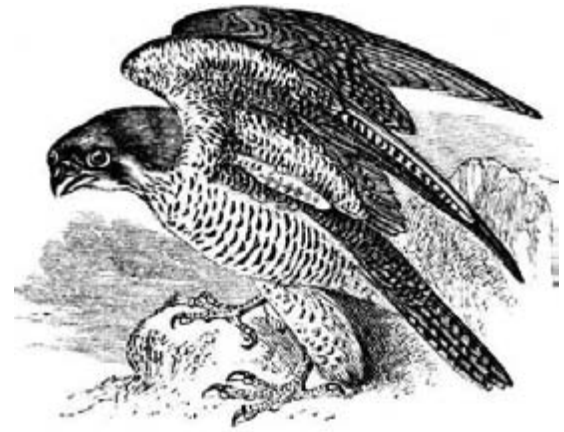
2011 Spring Guided Birdwalks Schedule

This year's birdwalks will take place on Saturday, April 16; Wednesday, April 20; Saturday, April 23; and Wednesday, April 27, 2011.

Each walk begins at the Battlefield's Visitor Center parking lot at 7:30 a.m., rain or shine. The walk is approximately 2.5 miles in distance and takes about 3 hours.

The walks are guided by Mr. Giff Beaton or Mr. Chuck Saleey. Mr. Beaton is the author of *Birding Georgia, A Guide to Finding Birds in Georgia*. He also periodically writes articles for various birding publications and has made over 800 birding trips through the trails of Kennesaw Mountain National Battlefield.

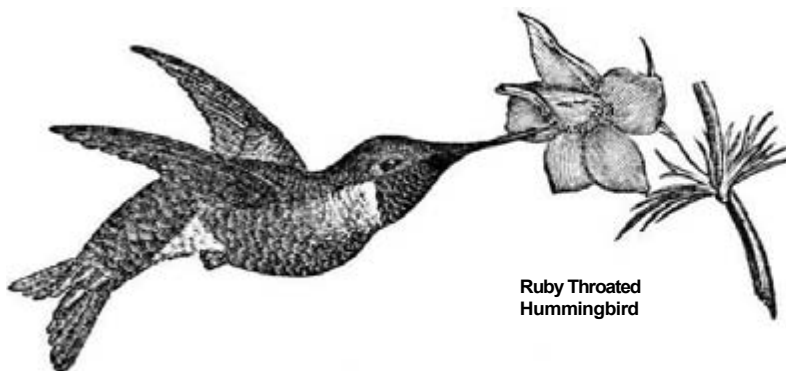
There is a free bird checklist specifically for the Park available upon request in the Visitor Center. For more information, please call 770 - 427 - 4686 x 0 between 8:30 a.m. and 5:00 p.m. or visit our website at www.nps.gov/kemo.



PEREGRINE FALCON.



Brown Thrasher -
Georgia state bird



Ruby Throated
Hummingbird



Dark-Eyed Junco

Kennesaw Mountain National Battlefield Park
900 Kennesaw Mountain Drive
Kennesaw, Georgia 30152
770-427-4686

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Newsletter 17

<http://kennesawmountaintrailclub.org>



Spring 2011 Wildflower Walks

Plant lovers rejoice!

Three free guided wildflower walks are scheduled for 9:00 a.m. to 12:00 p.m., ~~Wednesday, March 30,~~ ~~Saturday, April 2,~~ and Saturday, April 9, 2011. The walks will start from the hiking trail at Burnt Hickory Road and proceed toward the Dallas Highway.



Birdfoot Violet

This trail is considered moderate. Please meet at the gate at Burnt Hickory Road. Parking is limited, so please carpool if possible. The program is free and open to the public.



Bloodroot

Dr. Mary Meyer will lead these walks and share her 40 years of accumulated discoveries regarding wildflowers, mushrooms, and wood-lore. She is also a nature writer and photographer, having created the photographic CD "Wildflowers of Kennesaw Mountain and North Georgia." Her interesting walks impart knowledge of plants, fungi, animals and other living things. For more information, please call 770-427-4686 x0 between 8:30 a.m. and 5:00 p.m.



Jack-in-the-Pulpit

This program is rated: Kid friendly

Appropriate for the entire family

Not good for those with limited physical movement

Kennesaw Mountain National Battlefield Park
900 Kennesaw Mountain Drive
Kennesaw, Georgia 30152

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<http://americanhiking.org>



BARRETT PARKWAY AND TOWN CENTER AT COBB



Daily Grind



May Newsletter Deadline

If you wish to have an article published in the May Newsletter, please submit it to Fred Feltmann at faf1948@bellsouth.net no later than April 20th!

KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK

Trail Maintenance Map

