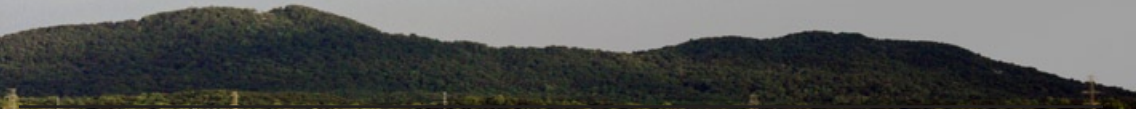




EARTHWORKS



Volume 4, Issue 10

December, 2010

Retha Stephens Retires

Retha Stephens, Museum Curator and Volunteer Coordinator at the Kennesaw Mountain National Battlefield Park, announced that she is planning to retire as December 31, 2010 with over 30 years of service with NPS! On December 6, representatives of the Kennesaw Mountain Trail Club honored Retha at a luncheon at Bahama Breeze. Richard Angeli, KMTC founder recalled that, "Retha is the person I talked to about volunteering on the trails in March of 2002 and who introduced me to the facilities manager Marion Harris. That was the beginning of KEMOTRAIL Corps Inc. I will always be grateful for having had the opportunity to work with Retha and the rest of the NPS staff for the last 8 years." Everyone echoed his thoughts about the support that the club has received from Retha over the years. Retha's involvement in the planning and training of the Trail Ambassadors in 2009 was especially noted. Representing the club were Richard Angeli, Fred Feltmann, Jay Haney, Larry Shogren, David

and Anne Strand. Following the luncheon, Retha responded, "It has been my great pleasure to get to know each of you and work with



*From left to right - David Strand, Retha Stephens, Anne Strand, Larry Shorgen, Jay Haney and Richard Angeli.
(Fred Feltmann, photographer)*

you. Your dedication and service to Kennesaw Mountain is phenomenal. Thank you again for being such a joy to work with. The large number of trail corps folks who have been awarded the volunteer of the year speaks so highly of your efforts." Everyone in the Kennesaw Mountain Trail Club can be proud of the strong bonds that have been established between the club and the National Park Service staff.

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Crew Leader Training

We are looking for people who want to get more deeply involved with the trail maintenance and are willing to devote more weekends to helping and leading teams. We especially need people who can commit to crew lead on our bigger days such as Earth Day, National Trails Day, Public Lands Day, and the Spring and Fall peak volunteer seasons. Classes are scheduled to occur over several Saturdays & Sundays in February. Please find our sign up sheet on one of the regular work weekends, see page 11 herein, or contact Scott MacKay for more information - kmtctrails@kennesawmountaintrailclub.org

Flip the Switch Day

On Friday, November 19, 2010, it was "Flip the Switch" time at the Kennesaw National Battlefield Park, with the dedication of the new solar power system. The solar system has been installed on the roof of the Visitor Center to meet its electrical power needs and send excess power to the Cobb EMC. Dr. Stan Bond opened the ceremony, stating that once he arrived at the visitor center as new superintendent, he saw its solar possibilities due to its geographic location. He credited the Southeast Regional NPS staff, some of whom

Continued on Page 3

Help Us Maintain the Trails at Kennesaw Mountain National Park Donate Online Now!

The Kennesaw Mountain Trail Club helps preserve the historic features and maintain the 20+ miles of trails throughout the Kennesaw Mountain National Battlefield Park. It is a committed partner with the National Park Service in its mission to commemorate the history of the battlefield and protect its environmental features.

Since its beginnings in 2002, the club has provided only “sweat equity” volunteer hours to support the park. Now this new fund-raising initiative will support the Kennesaw Mountain Trail Club’s involvement in the new park strategic plan that opens up more areas of the park and adds miles to the trail system. 100% of the funds raised will support the Trail Club’s mission of protecting the park and improving the trails.

Donate today to ensure that visitors and local residents alike can continue to enjoy a great, FREE, educational and recreational experience in one of the last areas of undeveloped land in Cobb County. By contributing, you’ll help ensure future generations can enjoy a wilderness experience in the middle of metropolitan Atlanta!

Donate Online by using Guidestar on the Trail Club website <http://www.kennesawmountaintrailclub.org>. The Kennesaw Mountain Trail Club was incorporated as KEMOTrail Corps, Inc. as a nonprofit corporation and approved by the Internal Revenue Service as a 501 C(3) organization. **Donations are tax deductible.**

Matching Gifts

You can make your donation dollars go further by having your employer match your gift to the Kennesaw Mountain Trail Club.

Monthly Participation

We invite you to continue to work with the Kennesaw Mountain Trail Club on the monthly Trail Work Days every second Saturday of the month and join us for special events like the Garlic Mustard Pull in April and National Trail Day in June.



If you prefer, you may also give by mail:

Kennesaw Mountain Trail Club
Attn: Tom Okerberg, Treasurer
Whitlock Accounting Services
739 Kennesaw Ave. Ext. NE
Marietta, GA 30060

For more information, contact Jay Haney, Development Director
770-424-0635.



The Man is Ted Ragsdale, Age 86, when this photo was taken at our January 8, 2005. The unidentified cub scout is only 6. Together, they were part of our maintenance crew that day!

Flip the Switch - Continued From Page 1

were present at the ceremony, with providing the needed technical assistance for the project. Deputy Regional Director for the Southeast Region, Gayle Hazelwood, stated that this was the largest solar project in this NPS region and that it exemplifies the environmental goals of the National Park Service. Cobb County Commissioner Helen Goreham gave a local perspective, stressing that the park is a resource for the whole county and a significant attraction for tourists visiting civil war sites. The partnership between the park and Cobb County is demonstrated by the new parking lot on Old Hwy 41 and the adjacent Multi-use Trail. The involvement of Cobb EMC was crucial to implementing this electric power project. Sam Kelly, Vice-President for Public Relations, explained that this is a "net metering" program with special meters. Meters measure both the power provided by the EMC when solar power is not sufficient (due to cloudy weather or extremely high demand) and excess power sent to the EMC when solar generation exceeds the park's needs.

For an understanding of how the system works, the two companies involved in the design, manufacturing and installation of the solar project gave presentations. The engineering work was done by AEG Power Solutions and it was represented by H.D. Thacker, Sr. Field Engineering Manager. A Solar Photovoltaic system covers most of the roof. Since the Visitor Center was expanded over the years, it has various types of roof structure, requiring three (3) different installation techniques. This solar system is designed to produce approximately 70 kilowatts of energy yearly, with seasonal variations because of the available sunlight. Six (6) inverters change the DC current to AC current. Suniva, the company responsible for manufacture of the solar panels, was represented by Brian Ashley, Chief Marketing Officer. He emphasized that the panel manufacturing was done by a local Norcross, Georgia company. The panels are based on technology developed at Georgia Tech. Solar energy demonstrates that we do not have to burn something to get energy; we can use the power of the sun. During the expected 30 year life of the system, no carbon dioxide will be emitted, an estimated 67 ton savings.

When it was time to "flip the switch," the superintendent and all of the presenters had their hands on the switch. In reality, this was symbolic gesture, as the system had been successfully operational for the previous week. Participants then proceeded outside the building to see the components, the solar panels, the inverters and the meters up close. An educational display is planned for the Visitor Center entrance so that the visiting public can be informed about the system and its connection to environmental and sustainability issues. With nine (9) Board Members and/or Trail Ambassadors in park volunteer uniforms present at the solar power dedication, the Kennesaw Mountain Trail Club clearly showed their support.

Anne Strand

November Work Weekend

The November work weekend was more typical of most. We had a good sized crowd of mixed age groups arrive to help out at the park. Cub Pack 702 was dispatched first to do trash patrol along the River to Mountain Trail at the edge of the park and then up into the Brumby Circle on the Brumby Trail within the park. The second team to go out was a small task group who went up onto the ridge on Pigeon Hill and repaired a fence that protects the earthworks located there. Two more larger groups went out to improve erosion control. One group went to the front of Kennesaw Mountain and the other convoyed up the mountain road and hiked over to Little Kennesaw Mountain. All of the groups accomplished their missions and the trails look much better than they did prior.

Some new conservation techniques are being tried on Little Kennesaw. The trail there travels close to the earthworks along the "saddle area" and we built several rock lined basins along the water paths to try and collect silt that runs off of the trails and prevent it from being carried into the historic trenches. Grade dips were also built larger and at a steeper angle than in the past to help better direct water flow during our Georgia downpours. Also, additional rock stairs were installed in a steeper area and an improved water trench was added to divert water away from the earthworks.

And, once again we enlisted the help of several of our Trail Ambassadors to help with parking, registration, and managing the trail closure on Kennesaw during the work period. The main trail on Kennesaw needed to be closed and visitors re-routed for several hours while we used the Ditchwitch to do some heavy reshaping to improve water runoff and prevent further erosion on the steep area in the first 200 yards of the main trail.

Crew Leaders with extra time?

We have several youth service projects going on and need and are looking for crew leaders who would like to volunteer for some additional work Saturdays. Please let Scott Mackay know if you would like to get involved and he will connect you up with Donald Olds, our Youth Service Project Coordinator.

Crew Leader Orientation Course Coming!

All current crew leaders and all prospective crew leaders (those who have signed up for the Crew Leader Course in February) should mark their calendars for Saturday, January 22nd, from 9:00 am to Noon for a new class entitled "**Crew Leader Orientation.**" This class will discuss the unique things that a crew leader needs to know when working in the Kennesaw Mountain National Battlefield Park.

Solar Power Dedication - 11/19/10

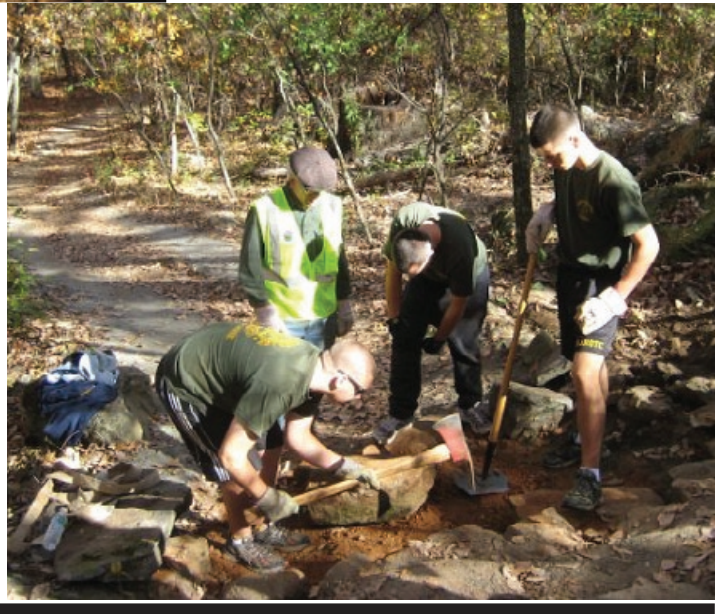


Ms. Gayle Hazelwood, Deputy Regional Director, Southeast Region, National Park Service and Dr. Stanley Bond, Superintendent, Kennesaw Mountain National Battlefield Park





Work Day - 11/8/10



Become a Kennesaw Mountain Trail Helper!

If you're out hiking and see problem areas on the trails, please be a "**Trail Helper**" and let us know! Trail Helpers are valuable "eyes & ears" to monitor trails & report bad conditions, fallen trees, vandalism, etc. directly to the Trail Club. Please include a description of the problem; where the problem is; what trail you were on & the direction you were hiking. A photo and/or GPS coordinates also work fine. Please send your e-mail to: TrailHelpers@KennesawMountainTrailClub.org.



Problems:

- Above - a tree has fallen across the earthworks just below Pigeon Hill.

- Below - a spring has sprung and is spilling water along the trail on a switchback on the backside of Little Kennesaw.



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.



Above - Deer near the top of Little Kennesaw.

Below- Atlanta skyline from the Parking lot on Kennesaw Mtn.



CALENDAR OF EVENTS

2ND SATURDAY WORKDAY DECEMBER 11, 2010

PARK SERVICE AREA

TIME: 8:30 AM – 1:30 PM

Continue maintenance of mountain trail and other projects depending on the number of volunteers available

2ND SATURDAY WORKDAY JANUARY 8, 2011

PARK SERVICE AREA

TIME: 8:30 AM – 1:30 PM

Continue maintenance of mountain trails and other projects depending on the number of volunteers available

2ND SATURDAY WORKDAY JANUARY 8, 2011

Park Service area

Time: 8:30 AM– 1:30 PM

Continue maintenance of mountain trails and other projects depending on the number of volunteers available

Reminder: We cannot work when temperatures fall below about 40 degrees or if there is precipitation expected.

Always check the website for updates.



Mark Your Calendars!

Upcoming Work Day Schedule:

Dec. 11th trail work day

Jan. 8th trail work day

Feb. 12th trail work day

Mar. 12th trail work day

Apr. 9th trail work day

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 winter 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 the temperature is below 40 degrees and/or there's a high probability of precipitation. If we must cancel a workday, we'll post an announcement on the front page of the KMTC 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!

One of the projects completed on November 8th was the addition of another set of steps on this section of trail on the approach to Little Kennesaw Mountain from Kennesaw Mountain.

“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!)



Eagle Project - 11/20/10



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 10/21/10

| POSITION | NAME | E-MAIL |
|------------------------------|---------------|--|
| President | Jerry Givan | kmtcpresident@kennesawmountaintrailclub.org |
| Vice President | Randy Whiten | kmtcvp@kennesawmountaintrailclub.org |
| Secretary/Historian | Anne Strand | kmtcsecretary@kennesawmountaintrailclub.org |
| Development Director | 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 |
| Youth Service Projects | Donald Olds | kmtcyouth@kennesawmountaintrailclub.org |
| Communications Director | Fred Feltmann | kmtccomm@kennesawmountaintrailclub.org |
| Editor | Fred Feltmann | kmtccomm@kennesawmountaintrailclub.org |
| Information Tech Dir. | Jim Moylan | |
| Webmaster | Sue Crane | suecrane@mac.com |
| Website | | http://kennesawmountaintrailclub.org/ |
| T-Shirt Ordering | Jay Dement | kmtctees@kennesawmountaintrailclub.org |
| Trail Ambassadors | Jay Dement | kmtctees@kennesawmountaintrailclub.org |



3rd ANNUAL KENNESAW MOUNTAIN HISTORICAL ASSOCIATION GOLF TOURNAMENT

We invite you to join us for the second annual Kennesaw Mountain Historical Association golf tournament, Friday, April 8, 2011, at the Golf Club at Bradshaw Farm. Registration will be from 11–11:30 a.m., shotgun start 12 noon. The tournament will be a four-man “Lauderdale” or scramble. The cost of \$100 per golfer, or \$360 for a foursome, includes 18 holes of golf, range balls, and a hamburger/hotdog lunch. Prizes will be awarded to low finishers as well as a long drive and closest to the pin contest. Each golfer will receive a complimentary bag of gifts, worth over \$100, on the day of the event. There will also be a raffle with many more excellent prizes. All proceeds will go to support the Kennesaw Mountain National Battlefield Park. Register at the park or the link below. Payment due at time of registration, please register by March 20, 2011.

The Kennesaw Mountain Historical Association is a private non-profit organization that works in cooperation with the National Park Service. KMHA assists the Park staff with educational programs, informational services and preservation initiatives at Kennesaw Mountain National Battlefield Park.

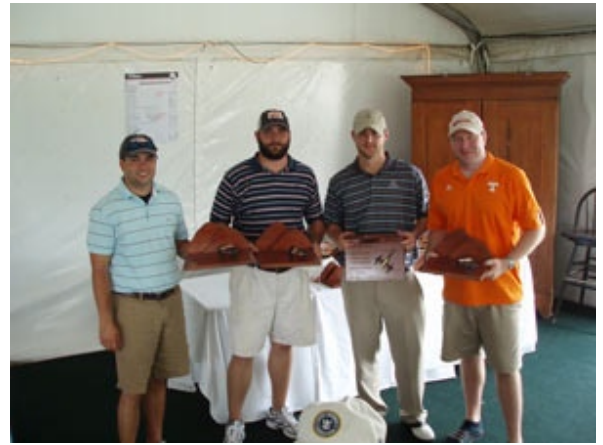
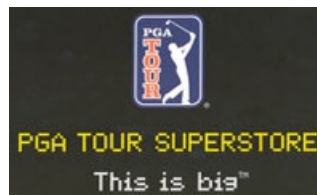
Golf Club at Bradshaw Farm - 3030 Bradshaw Club Drive, Woodstock, GA 30188

You can register yourself or your team at this link:

[Golf Registration](#)

For more information call Clay or Mike, at 770-422-3696 or send an e-mail to info@kmha.org.

Sponsored in part by:



Newsletter 10

<http://kennesawmountaintrailclub.org>

**2011
NATIONAL PARK SERVICE (KEMO/CHATT)
TRAIL SCHOOL APPLICATION**

STUDENT INFORMATION

Name (please print):

Email:

Phone:

VOLUNTEER ASSOCIATION / EMPLOYER INFORMATION

Association/Employer:

Association/Employer address:

City:

State:

ZIP Code:

Website:

E-mail:

Position/Job Title:

EMERGENCY CONTACT INFORMATION

Name:

Emergency Contact Phone:

Relationship:

TRAIL SCHOOL CLASSES

Mark the classes you'll be attending. Remember, all 3 classes are required to be a Crew Leader.

Trail Design and Layout

February 5, 2011

Attending: YES NO

Construction & Maintenance

February 19, 2011

Attending: YES NO

Crew Leader Training

February 20, 2011

Attending: YES NO

Please complete this application and email it to KMTCtrails@KennesawMountainTrailClub.org by **January 31, 2011** to be enrolled in the class.

Also, please note: All prospective crew leaders (those who have signed up for the Crew Leader Course in February) should mark their calendars for Saturday, January 22nd, from 9:00 am to Noon for a new class entitled "**Crew Leader Orientation.**" This class will discuss the unique things that a crew leader needs to know when working in the Kennesaw Mountain National Battlefield Park.

Sponsors/Partners Corner

Many thanks to our Sponsors and Partners for their support!

<http://americanhiking.org>



BARRETT PARKWAY AND TOWN CENTER AT COBB



Daily Grind



January, 2011 Newsletter Deadline

If you wish to have an article published in the January, 2011 Newsletter, please submit it to Fred Feltmann at faf1948@bellsouth.net no later than December 27th!

KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK

Trail Maintenance Map

