

# TENNESSEE NATIVE PLANT SOCIETY



Volume 34, Number 1

March 2010

## Oodles of TNPS Field Trips

It's that time of year again when we not only watch for first blooms among our favorite spring ephemera but when we begin to anticipate and plan our saunters in woods and fields. In this issue of the newsletter we publish the list of a new year of field trips, which make up one of the main benefits of being a part of TNPS.

Wildflower walks and activities are led again this year by some excellent botanists. There are opportunities to explore some intriguing botanical and ecological sites of Tennessee.

March is upon us, and on the 20th, Tennessee Natural Heritage botanist Todd Crabtree will lead exploratory walks among the glades and woods of Long Hunter State Park, which lies along the shore of Percy Priest Lake between I-24 and I-40 east of Nashville (off Hwy. 171).

You will find two wildflower walks in April and three more in May. The schedule is so crowded that some information about plants could not be included in the descriptions. For instance, Dennis Horn's notes about the Short Springs hike on April 10 mention Virginia spiderwort (*Tradescantia virginiana*), large-flowered bellwort (*Uvularia grandiflora*), cream violet (*Viola striata*), dwarf larkspur (*Delphinium tricorne*), purple phacelia (*Phacelia bipinnatifida*), and fire pink (*Silene virginica*), along with the rarer plants. Dennis thinks you'll see many more species.

By the way, one of those May trips will be a morning with nature photographer David Duhl, who will provide conversation and instruction on photographing wildflowers, especially plants of the Cedar Glades. Be sure to take your tripod.

For something a little different, you'll want to consider the Fiery Gizzard micro safari on June 5. Paul Davison will bring his expertise in zoological, as well as botanical, small things to this very scenic place in the South Cumberland.

In some cases, directions to the field trip sites were shortened. So if you're not clear about where you're going, use an on-line map or, even better, ask the field trip leader. It's always best to let the leader know you're planning to attend.

Straight through to late September, you'll find some interesting opportunities to botanize and enjoy conversations with fellow members. Bring a friend.

## TNPS Charges into 2010 but Losing Kay Jones

TNPS will have a booth at the Nashville Lawn and Garden Show March 4-7, and members interested in assisting with the booth are asked to contact Jane Norris at [raymond.c.norris@vanderbilt.edu](mailto:raymond.c.norris@vanderbilt.edu).

The society has also accepted an invitation to present a program at the State Friends Conference October 30 at Montgomery Bell State Park. Mary Priestley is organizing the presentation to state parks officials and leaders of state park Friends organizations.

At its meeting on January 23, the TNPS Board of Directors voted to contribute \$200 to the Grassy Bald Restoration Project on Roan Mountain, which is being led by Jamey Donaldson. The effort is

also dubbed the Baa-tany Project, because of its use of goats to graze down invasive blackberry shrubs and other species threatening to replace indigenous grasses and wildflowers. Interested members may find more information at the website [baatany-](http://baatany-)



Photo by David Duhl

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# TNPS Newsletter

March 2010

Vol. 34, No. 1

This newsletter is a publication of the Tennessee Native Plant Society and is published four times a year, generally in February, June, August, and November.

The Tennessee Native Plant Society (TNPS) was founded in 1978. Its purposes are to assist in the exchange of information and encourage fellowship among Tennessee's botanists, both amateur and professional; to promote public education about Tennessee flora and wild plants in general; to provide, through publication of a newsletter or journal, a formal means of documenting information on Tennessee flora and of informing the public about wild plants; and to promote the protection and enhancement of Tennessee's wild plant communities.

Dues for each calendar year are

Regular: \$20

Student: \$15

Institution: \$50

Life: \$250

Dues may be sent to  
Tennessee Native Plant Society  
P.O. Box 159274  
Nashville, TN 37215

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Please send comments or material for the newsletter to TNPS Newsletter, P.O. Box 856, Sewanee, TN 37375 or [lathamdavis@bellsouth.net](mailto:lathamdavis@bellsouth.net)



## REPORT FROM THE PRESIDENT

Grab your newsletter, brew a pot of tea, and settle in for some great reading about this exciting year for TNPS! Not only have we scheduled a wonderful variety of field trips throughout the state, but we also have some great opportunities for outreach.

Once again, we're teaming up with the Tennessee Exotic Pest Plant Council to have an informational booth at the Nashville Lawn & Garden Show, March 4 through 7. Please contact Jane Norris if you can give some time to this worthwhile effort—[raymond.c.norris@vanderbilt.edu](mailto:raymond.c.norris@vanderbilt.edu).

We'll be continuing our plant inventory project on the Cumberland Trail this year, led by Larry Pounds. Two years ago, we completed a study of the Carter Cave State Natural Area, followed last year by a catalog of plants on a section of the Cumberland Trail. This year's project will be TNPS's third botanical inventory in three years on state lands, a service for which we are uniquely qualified.

There will be more fabulous botanizing throughout the state, including our annual meeting, when we'll gather once again at the Linden Valley Conference Center on the lovely Buffalo River. Kudos to Todd Crabtree and his able committee for putting together this terrific trip schedule!

Kay Jones, who has been a leader of this organization for as long as I have been a member, is moving with husband Bill to the Shenandoah Valley this spring. Not only do we regret losing her vision and skill in leading TNPS; we will also miss her steady hold on the purse strings, as she has most recently been serving capably as our treasurer. Thank you, Kay, for all that you have done for TNPS. Something tells me you'll be scoping out the wildflowers of Virginia in no time.

The Executive Committee, composed of Todd Crabtree [todd.crabtree@tn.gov](mailto:todd.crabtree@tn.gov), Bart Jones [bjones7777@hotmail.com](mailto:bjones7777@hotmail.com), Kay Jones [natcheztrace@hughes.net](mailto:natcheztrace@hughes.net), and me [marypriestley@bellsouth.net](mailto:marypriestley@bellsouth.net), is charged with the job of finding a new treasurer. The position is not very complicated or time-consuming, but we all want a treasurer who is interested in detail, accurate record keeping, and clear friendly communication. Might it be you? Or do you know another TNPS member who fits that description? If you think you have someone in mind, please get in touch with one of us by March 15.

Meanwhile, I'm dreaming about spring and looking forward to seeing you on the trail!

## Treasurer Kay Jones Leaving — continued

[goatproject.blogspot.com](http://goatproject.blogspot.com). You are invited to adopt a goat of your own with a gift.

The Board of Directors received a shock when long-time member and treasurer Kay Jones announced that she would have to resign. Kay and husband Bill are selling their B&B and moving to Virginia to be nearer their children. Kay is a past president and has been treasurer since 2003. President Mary Priestley says the executive committee will begin immediate steps to find a new treasurer.

With changes now adopted in the TNPS Constitution and By-Laws, senior members are reminded that your dues have increased to \$20. Dues for everyone else remain the same.

Following a nomination and election that began last year, three board members — Bertha Chrietzberg, Michelle Haynes, and Susan Sweetser—have been re-elected to new two-year terms. Larry Pounds is completing the term of Joey Shaw.

# 2010 TNPS Field Trip Schedule

Field trips are designed to promote informed interest in Tennessee's native plants. They are led by persons familiar with native plants of the area and are open to nonmembers as well as members. We encourage our more experienced members to share their knowledge with those who are new to the group. Since conservation is a primary objective of our society, plant collecting is not allowed. The physical nature of the trip is described to the extent known at publication time. Attendees are responsible for judging whether the trip is suitable for their particular abilities. All participants will be asked to sign a liability waiver as a condition of attending. Trips are rarely cancelled, but sometimes changes are unavoidable. Contact the trip leader a day or two before attending to get an updated status and to let them know who is coming. Keep the schedule and attend as many trips as you can. Check the website ([www.tnps.org](http://www.tnps.org)) for updates to this schedule.

Time, place, and leader	Description	Directions
<p><b>Feb. 27, 2010</b> (Sat.) 10 A.M. Central Time Park Visitor Center Peggy Cregor 931-692-6289 email: <a href="mailto:peggy@cregoradventures.com">peggy@cregoradventures.com</a></p>	<p><b>South Cumberland State Park</b> Volunteers are needed to help eradicate a patch of multiflora rose. Join The Friends of South Cumberland's effort to keep this spot natural and beautiful. Enjoy a good winter walk and become part of Governor Bredesen's "Tennessee Invasive Weed Awareness Week."</p>	<p>Exit at Monteagle (Hwy 41) from I-24 and drive north about four miles to Park Visitors Center where volunteers will form two groups. Difficulty: Easy to moderate. Facilities at campground near parking. Bring lunch, extra water, gloves, and clippers.</p>
<p><b>March 20, 2010</b> (Sat.) 10 A.M. Central Time Long Hunter State Park at Couchville Lake parking area. Todd Crabtree 615-330-4627 <a href="mailto:gizzardscout@comcast.net">gizzardscout@comcast.net</a></p>	<p><b>Leavenworthia Species of Middle Tennessee</b> Three color variants of <i>Leavenworthia stylosa</i> occur at the first site we will visit. Nearby are high quality glades where we will see the early risers of spring in and around glades and karst woodlands. Afterwards we'll travel to sites around Percy Priest Lake to see as many of the other <i>Leavenworthia</i> species of middle Tennessee that we can find.</p>	<p>2910 Hobson Pike Hermitage, TN 37076. From I-40 exit on Highway 171 and go south on South Mount Juliet Rd. for about 7.5 miles. Turn left into the park then follow the signs to Couchville Lake. From I-24, exit at Old Hickory and proceed east for 10.5 miles. Turn right into the park then to the lake. Nearly level trail hiking, two miles. Some wet off trail hiking. Bring lunch.</p>
<p><b>March 27, 2010</b> (Sat.) 10 A.M. Central Time Meeting at McDonald's at exit 56 off I-40, at Brownsville. Bart Jones 901-726-6891 (h) 901-485-2745 (c) <a href="mailto:bjones7777@hotmail.com">bjones7777@hotmail.com</a>. Also Joe Guinn.</p>	<p><b>Hatchie River Flatwoods, Haywood County</b> Member Joe Guinn has kindly invited us to explore the woods on his farm along the Hatchie River near Brownsville in search of spring ephemerals. Prairie Trillium (<i>Trillium recurvatum</i>) and White Trout Lily (<i>Erythronium albidum</i>) are expected to be in bloom, as well as other species common to the area.</p>	<p>Take I-40 to exit 56 (Brownsville). McDonald's is just north of the exit. Walking: Easy, but areas could be wet and muddy. Facilities: At meeting place. Lunch: Joe Guinn will provide box lunches.</p>
<p><b>April 3, 2010</b> (Sat.) 10 A.M. Central Time Meeting: McDonald's at Monteagle. Mary Priestley 931-598-0157 (h) <a href="mailto:marypriestley@bellsouth.net">marypriestley@bellsouth.net</a> or Dennis Horn 931-461-0262 (h)</p>	<p><b>Monteagle Waterfall and Wildflowers, Grundy Co.</b> Join us to visit 100-foot-high Deerlick Falls at the head of Layne Cove. Further down the cove is the site where Tom Patrick collected the type specimen of <i>Trillium sulcatum</i> in 1980. After lunch we plan to shuttle to the Warren Point overlook. We'll head down the side of the plateau, following an old stagecoach road part way down. Garlic mustard (<i>Alliaria petiolata</i>) has invaded this area, so we will pull some of this invasive, while we enjoy other plants.</p>	<p>Take I-24 to Monteagle exit 134. McDonald's is just north of the exit.  Moderate, but steep at the falls and some downhill cross-country after lunch. Facilities: At meeting place and at lunch. Lunch at a restaurant in Monteagle, but bring your lunch if you prefer.</p>


# 2010 TNPS Field Trip Schedule

Time, place, and leader	Description	Directions
<p><b>April 10, 2010</b> (Sat.) 10 A.M. Central Time</p> <p>Meeting Place: Dairy Queen in Tullahoma</p> <p>Dennis Horn 931-461-0262 (h) 434-4454 (cell)</p>	<p><b>Short Springs State Natural Area, Coffee County</b> Short Springs SNA, 3 miles northeast of Tullahoma, contains 420 acres made up of public lands from the state, the city, and TVA, managed as a single unit. The State of Tennessee considers this area one of the premiere natural areas because of its size and unique qualities. Besides the extremely rich spring flora, there are five waterfalls, numerous dripping springs, and many limestone ravines. Trees that we will see in the ravines include species one would expect to find in the cove hardwoods of the Smokies. Unusual or rare plants include barren strawberry (<i>Waldsteinia fragarioides</i>) and nestronia (<i>Nestronia umbellula</i>).</p>	<p>From I-24 in Manchester, take exit 111 onto TN 55 toward Tullahoma. Go about 12 miles to the first traffic light in Tullahoma. The Dairy Queen is one block beyond the light on the left.</p> <p>Difficulty: Moderate, all on trails. Walking distance about two miles. Facilities: At the meeting place. Lunch: Bring to eat on the trail.</p>
<p><b>May 1, 2009</b> (Sat.) 10 A.M. Eastern Time</p> <p>Meeting Place: Shoney's in Caryville</p> <p>Larry Pounds, 865-705-8516 (cell) 865-816-3576 (home)</p>	<p><b>May Cumberland Trial Inventory</b> This inventory will take us to a relatively new section of the Cumberland Trial starting near the New River west of Caryville. We "expect" surprises as this is a new area for botanizing. We will provide a list of the plants we find to the Department of Environment and Conservation. This hike will be repeated on Sept. 25 to catch the later flowering plants.</p>	<p>From I-75 north of Knoxville take the Caryville Exit 134 to TN63/US25W, turn left toward Caryville. Go 0.3 miles. to Main Street and see Shoney's on the left. We will caravan from here to Smoky Junction. Walking: Moderate with some steep up hill stretches, up to six miles round trip. Facilities: At the meeting place. Lunch: Bring lunch and water. Also bring note pad and pencil.</p>
<p><b>May 8, 2010</b> (Sat.) 8:00 to 11:00 A.M. Central Time</p> <p>Meeting Place: Parking area at Flat Rock Cedar Glade</p> <p>David Duhl: david-duhl@comcast.net</p>	<p><b>Photographing Native Plants Flat Rock Cedar Glade</b> This TNPS outing is devoted to photographing plants of the cedar glades. The hands-on field session will cover aspects of photography such as aperture, shutter speed, depth of field, lighting, composition, and equipment. These goals can only be accomplished with cameras that allow full control, so SLRs are required (digital or film). We will start promptly at 8:00 and possibly move on to our final destination. Since we will be devoting our time to photography, there will be no opportunity to botanize as a group.</p>	<p>From I-24 exit 81B and go about one quarter mile on Church St. Turn right on S. Rutherford Blvd. and then proceed approximately five miles. Turn right at Greenland and proceed three miles east on Halls Hill Pike, then turn right on Factory Rd. Follow Factory Rd for one mile to the parking lot on the right. Facilities: No restrooms nearby. Bring an SLR (single lens reflex) camera (digital or film) and tripod. No experience necessary.</p>
<p><b>May 15, 2010</b> (Sat.) 10 A.M. Central Time</p> <p>Meeting Harpeth State Park beside Montgomery Bell tunnel</p> <p>Dr. Dwayne Estes (cell: 931-217-5430)</p>	<p><b>Narrows of the Harpeth State Park, Cheatham Co.</b> We will explore a number of different habitat types at Narrows of the Harpeth including very rich north-facing limestone bluffs, xeric south-facing limestone bluffs, a dry shale/limestone ridgetop, and fertile riparian forests. Species that we are likely to see include <i>Amsonia tabernaemontana</i> var. <i>gattingeri</i>, <i>Elymus macgregorii</i>, <i>Orobancha uniflora</i>, <i>Paronychia fastigiata</i>, <i>Philadelphus pubescens</i>, <i>Ranunculus harveyi</i>, <i>Thaspium chapmanii</i>, <i>Trillium stamineum</i>, and <i>Uvularia grandifolia</i> as well as several dozen others.</p>	<p>From I-40 take Exit 196 (US 70S exit) west of Nashville to Harpeth State Park. Just before crossing Harpeth River, turn right onto Cedar Hill Rd and go north 3 miles. Then take sharp left onto Narrows of the Harpeth Rd. Proceed to parking lot by the tunnel.</p> <p>Trail: Strenuous conditions with steep ascent and descent. Facilities: None. Bring lunch.</p>

*I only went out for a walk, and finally concluded to stay out till sundown, for going out, I found, was really going in.* —JOHN MUIR

Time, place, and leader	Description	Directions
<p><b>June 5, 2010</b> (Sat.) 10 A.M. Central Time</p> <p>Meeting Place: Picnic house at Grundy Forest, Fiery Gizzard Trail head.</p> <p>Mary Priestley 931-598-0157 (h) (mary-priestley@bellsouth.net) and Dr. Paul Davison</p>	<p><b>Fiery Gizzard Micro Safari</b></p> <p>Join us on a journey to see life at small scale. Subjects will range from the botanical to the zoological. From the variety of leaf shapes sported by mosses, the reproductive structures of lichens, to the creepy crawlies on the forest floor, we will all see things we've never seen before. We will search for wet knot-holes and what lurks inside. With a few viewing aids, we will see those charming water bears as we stand in the very forest they inhabit. Willing participants will receive tools and ideas for home use. So come prepared for focusing your minds eye on "the little things that run the world."</p>	<p>Grundy Forest is located on the southwest side of Tracy City. The natural area is accessed via Highway 41/56 in Tracy City. Just after entering the town on the west side, or just before leaving the town coming from the east, look for the Grundy Forest Natural Area sign. Turn and follow the signs through two more right turns before entering the parking area</p> <p>Walking: The Fiery Gizzard Trail has some steep and rocky sections that can be wet at times. Facilities: At meeting place. Lunch: Bring.</p>
<p><b>June 26, 2010</b> (Sat.) 10 A.M. Central Time</p> <p>Meeting Place: Couchville State Natural Area parking lot.</p> <p>Todd Crabtree 615 330-4627, gizzard-scout@comcast.net</p>	<p><b>Couchville Coneflowers</b></p> <p>Couchville Cedar Glade State Natural Area includes one of the best populations of the federally endangered Tennessee coneflower (<i>Echinacea tennesseensis</i>). We will see plenty of cone-flowers. This species is in the process of being removed from the endangered species list. Also at this natural area are many of the typical glade species as well as those of middle Tennessee barrens. <i>Dalea foliosa</i> can be abundant one year and not the next. The plants here are never abundant but we might get to see a few. Numerous limestone outcrops that extend into the adjacent woodlands provide habitat for mosses and a few ferns. If time allows we will visit another site to see different species.</p>	<p>From I-40 exit on Highway 171 and go south on South Mount Juliet Rd. for about six miles then bear left onto South Mt Juliet Rd. Parking is a half mile on the right. From I-24, exit at Old Hickory and proceed east for 12 miles. Turn right at South Mt Juliet Rd 1.5 miles past the Long Hunter State Park entrance to parking area on the right.</p> <p>Walking: Easy on the trail. Some off trail hiking so be prepared for small stream crossings and some minor bushwacking into the woods. Facilities: None. Lunch: Bring a lunch along with plenty of water and sun protection.</p>
<p><b>Aug. 7–8, 2010</b> (Sat. and Sun) 10 A.M. Central Time</p> <p>Meeting Place: Park Visitor Center</p> <p>Bart Jones 901-726-6891 (h) 901-485-2745 (c), bjones7777@hotmail.com</p>	<p><b>Reelfoot Lake</b></p> <p>Reelfoot Lake is Tennessee's largest naturally occurring lake, formed during the 1811–12 earthquakes. It is home to a diverse aquatic/wetlands community of plants, many rare in the state. We will caravan around the lake, stopping at several locations along the way. Some of the plants that should be in flower include American Lotus (<i>Nelumbo lutea</i>), Fragrant Water Lily (<i>Nymphaea odorata</i>), Swamp Loosestrife (<i>Decodon verticillatus</i>), Pickerelweed (<i>Pontederia cordata</i>), Delta Arrowhead (<i>Sagittaria platyphylla</i>), as well as Giant Cut Grass (<i>Zizaniopsis miliacea</i>). On Sunday, we are tentatively planning a pontoon boat tour. Those interested should contact the leader at least a month in advance. Details will be given on Saturday. Lodging around Reelfoot Lake can be dodgy, so contact the leader for suggestions.</p>	<p>From Memphis, take US51 north to Dyersburg. Turn left onto TN78 and go north to Tiptonville. At red light, turn right onto TN 21 and follow to Park Visitor Center. From I-40, take exit 79 (US 412) Alamo/Dyersburg to TN78, then follow directions above.</p> <p>Walking: Easy. Facilities: At meeting place. Lunch: Bring.</p>

# 2010 TNPS Field Trip Schedule

Time, place, and leader	Description	Directions
<p><b>Sept. 11, 2010 (Sat.)</b> 10 A.M. Eastern Time</p> <p>Meeting Place: Leatherwood Ford (Big South Fork National Park)</p> <p>Larry Pounds, 865- 705-8516 (cell) 865- 816-3576 (home)</p>	<p><b>Big South Fork Outing</b></p> <p>This is a joint outing with TCWP. We will walk upstream to a cobble bar on a rough informal trail. There are many rare plants on the cobble bar and surrounding area. These include Cumberland rosemary (<i>Conradina verticillata</i>), federally threatened, large-flowered barbara's buttons (<i>Marshallia grandiflora</i>), mountain witch-alder (<i>Fothergilla major</i>). We will also see swamp sunflower (<i>Helianthus giganteus</i>) a newly state listed species. As time and interest allow we will also visit a rockhouse to see some species limited to that habitat. If the river is running high, we will spend our day in rockhouses and other upland habitat.</p>	<p>From I-75 north of Knoxville take the Huntsville-Oneida Exit 141, follow TN63 west, turn left US27, turn left on TN297, turn right into parking area just before bridge across the Big South Fork River</p> <p>Or from I-40 in Crossville take exit 317 north on US127 to Jamestown, turn left on TN154, turn left on TN297, cross the Big South Fork River, take first left turn into parking lot</p> <p>Walking: Moderate. Facilities: At the meeting place. Lunch: Bring water, lunch, bug spray.</p>
<p><b>Sept. 17-19, 2010</b> (Fri.-Sun) Annual Meeting at Linden Valley Conference Center. Lori Emens is in charge of preparations and reservations— lemens@dixon.org</p>	<p><b>Annual Meeting, Linden Valley</b></p> <p>We will return to the Linden Valley Baptist Conference Center for this year's annual meeting. Facilities are excellent, and interesting botanical sites remain to be explored. The center is located on the Buffalo River not far from its confluence with the Tennessee. Details of programs, activities, and field trips will be announced in detail in the June TNPS Newsletter and at the website, along with directions to the center.</p> <p>So, don't just sit there. Write it on your calendar.</p>	
<p><b>Sept. 25, 2010 (Sat.)</b> 10 A.M. Eastern Time</p> <p>Meeting Place: Shoney's in Caryville</p> <p>Larry Pounds, 865- 705-8516 (cell) 865- 816-3576 (home)</p>	<p><b>September Cumberland Trial Inventory</b></p> <p>This inventory will take us to a relatively new section of the Cumberland Trial starting near the New River west of Caryville. We "expect" surprises as this is a new area for botanizing. We will provide a list of the plants we find to the TN Department of Environment and Conservation. This hike will complete the inventory started in May.</p>	<p>From I-75 north of Knoxville take the Caryville Exit 134 to TN63/US25W, turn left toward Caryville. Go 0.3 mi. to Main Street and see Shoney's on the left. We will caravan from here to Smoky Junction.</p> <p>Walking: Moderate with some steep up hill stretches, up to six miles round trip Facilities: At meeting place. Lunch: Bring lunch and water. Also bring note pad and pencil.</p>

## Trails and Trilliums

April 17 & 18

St. Andrew's-Sewanee School

Raising awareness of native plants and their woodland habitats

Activities To Include:

- Native Plant Sale
- Wildflower Garden Ramble
- Events for Young Naturalists
- Wildflower Hikes
- Wine and Wildflower Reception
- Cumberland Wild environmental roundtable



The 2010 Harry Yeatman Environmental Education Award will be presented to Mary Priestley, during the April 18 reception.

# Redsepal Evening Primrose

by Dennis Horn

I received an e-mail from Bob Kramer on May 29, 2009 with photos of three plants of an evening primrose he found growing in the median of US Hwy 64 near Pelham. He first believed the plants to be Missouri evening primrose (*Oenothera macrocarpa*) because of the unusually large flowers. But that species had been reported in Tennessee only from the Central Basin, so Bob decided to send his photos to me.

Sure enough, the plant was not Missouri evening primrose, but what was it? My first thought was Large-flowered evening primrose (*Oenothera grandiflora*), but the pubescent orange buds did not match the botanical keys for that species. Dr. Alan Weakley, curator of the UNC herbarium, suggested *Oenothera glazioviana*, the redsepal evening primrose (also called garden or large-flowered evening primrose). I was not previously aware of that species and it is not listed in the Tennessee online atlas or the new 2009 checklist for Tennessee. *O. glazioviana* is a stout-stemmed leafy plant 2 to 4 feet tall, hairy throughout, leaves narrowly ovate with shallow teeth, inflorescence erect with pale yellow flowers up to 3.5 inches across. The flowers open at dusk and close early the next morning.

All *Oenothera* species apparently have their origin in the New World.



*Oenothera glazioviana* is a cultivar developed in Europe likely as a cross between *O. grandiflora* and *O. elata*. It was introduced into the horticultural trade as early as 1860 for its large showy flowers and has become naturalized world wide. Because it is so prolific and easily hybridizes with some of our rare native species, botanists are not overly excited by its presence.

While not yet considered an established part of the Tennessee flora, two populations have been found in Franklin County. The first was discovered on the east side of the Cowan tunnel in 2008 by TVA botanist Adam Dattilo. Both populations seem to be completely naturalized and more will likely be found in the near future.

On June 1 Sherry and I visited the Pelham site to see the plants Bob Kramer had discovered. At 6:30 P.M. we found spent flowers from the night before and long slender 1.5-inch buds that we hoped would open later that evening. By 7:20 P.M. the slender buds began to swell and split on one side and remained that way for another 30 minutes. Finally as the sky became too dark for photography the first flower began to open. I could actually see the petals unfold and within five minutes the flower was fully open and 10 minutes later eight more flowers on the three plants had opened. The largest flower measured 3.5 inches across. These flowers are impressive and to witness their unfolding was quite a treat.



## Conservation Voters List Top Priorities

TCV's member organizations, including TNPS, jointly determined the 2010 environmental priorities, which include:

**Restoration of dedicated funds from real estate transfer tax:** In the governor's 2010 proposed budget, you can view the proposed restoration of land and soil conservation funds. But the battle is far from over! We MUST make our senators and representatives aware that this is an IMPORTANT part of the budget that MUST remain intact! Visit Forever Green Tennessee to learn how the funds have affected your county at: <http://forevergreentn.wordpress.com>.

**Preserving water quality** and opposing efforts to weaken protection of streams and rivers.

**Banning mountaintop removal** by restricting issuance of coal-mining permits relative to altering ridgelines and polluting streams, a needed protection with bipartisan support whose time has come.

**Improving air quality** by supporting measures to regulate open burning and aerial spraying and to promote helpful energy bills.

**Safeguarding environmental funding** and fighting to keep enforcement, parks, and other conservation positions and budget items funded in a difficult economy. Our residents' ability to enjoy state parks and to be protected from pollution even in difficult economic times should be a fundamental priority and right of each Tennessee citizen.

To follow current legislative updates go to [www.tnconservationvoters.org](http://www.tnconservationvoters.org).

Thank you for letting me represent TNPS as TCV board chairman.

Michelle Haynes  
michellehaynes@gmail.com



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## TNPS Now Has a Store on the Web!

Come visit the TNPS store at [Zazzle.com](http://Zazzle.com) to view our new merchandise offerings. Just follow the link; [www.zazzle.com/tnnative\\*](http://www.zazzle.com/tnnative*) or go to the TNPS website and our merchandise page to follow the Zazzle link and shop from hundreds of t-shirt, sweatshirt, and jacket designs plus other merchandise such as tote bags, mugs, magnets, note cards, stamps, caps, and even a bumper sticker. Most of the products can be customized to give you the exact design you desire. Change the style, the color, font, even substitute your own photo; just have fun and most importantly BUY!!! The photos in our designs have been digitally altered to resemble watercolor paintings which inspired the tag line for our t-shirts: "...exploring the art of nature." So show your TNPS pride with a new t-shirt, tote bag, or coffee mug ... or get all three!!!

*Bart Jones*

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## The Elsie Quarterman Glade Festival April 30 – May 1, 2010

All events are free and opened to the public and everyone is welcome. Festival Schedule will be posted when available. The Elsie Quarterman Glade Festival is a weekend of nature study. It is filled with workshops, lectures, hikes and field trips. The Limestone Glades of the Central Basin is one of the few remaining natural ecosystem in Middle Tennessee. Cedars of Lebanon State Park and the Center for Cedar Glade Studies at Middle Tennessee State University have collaborated to bring together the finest group of ecologists, botanists, and naturalists in the country to present the beauty and uniqueness of the Glades in the spring. This years gathering will also honor Dr. Elsie Quarterman who over the last 60 years has studied and directed scholarly work about the glades. Dr. Quarterman's work and efforts have also brought about a worldwide attention to the Glades.

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TNPS Newsletter  
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