



Rhexia mariana ©Darel Hess 2bnthewild.com

The Rhexia

Paynes Prairie Chapter
Florida Native Plant Society
November 2005

SAVING THE ICHETUCKNEE WATERSHED

JIM STEVENSON

Jim Stevenson, our November speaker, works on springs protection, serving on the Florida Springs Task Force and coordinating the Wakulla Springs Basin and the Ichetucknee Springs Basin working groups. He is also part of the teaching cadre for the Working Across Boundaries workshop taught at Camp Kulaqua.

Jim Stevenson began his career with the Department of Environmental Protection as a park ranger while attending the University of South Florida. He served as Chief Biologist for the Florida State Park System for 20 years during which he developed the educational and the land management programs for the state park system.

He was Chairman of the Florida Springs Task Force that developed a protection strategy for Florida's springs and he was Director of the Governor's Florida Springs Protection Initiative that implemented springs protection projects. Jim retired in 2003, after 38 years with the Department of Environmental Protection.

In recognition of his dedication to the protection of Florida's springs, the State of Florida named a spring on the Suwannee River "Stevenson Spring" in his honor.

And for his longstanding stewardship of Florida's public lands, the Governor and Cabinet dedicated the Department of Environmental Protection's highest award the "Jim Stevenson Resource Manager of the Year Award" that is given annually to the most deserving state lands manager.

Jim continues his springs protection work by serving on the Florida Springs Task Force and coordinating the Wakulla Springs Basin and the Ichetucknee Springs Basin working groups.



'Head Spring' - - <http://www.ichetucknee.org/springs.html>

Paynes Prairie Chapter of the Florida Native Plant Society

The *Rhexia* is published monthly September - November and January - May by the Paynes Prairie Chapter of the Florida Native Plant Society.
The purpose of the Florida Native Plant Society is the preservation, conservation, and restoration of the native plants and native plant communities of Florida.

See our website at www.fnps.org.

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October Plant Identification

There was some speculation that the *Celtis* specimen which was collected along the Marion/Levy County line could be *C. occidentalis*. However, upon close inspection of the leaves, which are almost glabrous, I feel *C. laevigata* is the correct identification. *Celtis occidentalis* appears to have more pubescent leaves (Kostadinov 2001). According to Wunderlin and Hansen, *C. occidentalis* has not been represented in this area.

Special thanks to all participants.

Kostadinov, Tihomir, W.J. Hayden, and the University of Richmond, 2001. Trees and Shrubs of the University of Richmond Campus (<http://oncampus.richmond.edu/academics/biology/trees/index.html>). Biology Department, University of Richmond, VA 23173.

Wunderlin, R. P., and B. F. Hansen. 2004. *Atlas of Florida Vascular Plants* (<http://www.plantatlas.usf.edu/>). [S. M. Landry and K. N. Campbell (application development), Florida Center for Community Design and Research.] Institute for Systematic Botany, University of South Florida, Tampa.

Submitted by: *Paul Y. Cohen*

Editor Changes

Two individuals volunteered to take charge of the newsletter editing and layout. Maura Pedersen will review articles and Annie Bretnall will layout the articles.

The editors request that all future articles be e-mailed to: Rhexia@gmail.com. A deadline date for articles will be indicated in the newsletter. We will endeavor to timely publish the newsletter for you to plan on attending meetings, field trips, and other fun events.

We also plan to e-mail the newsletter to as many members as we can. There are several advantages to this such as reducing cost of mail-outs, preserving our forests, and the digital copy provides color photos. If you are not receiving a digital copy, please call or e-mail Annie with your e-mail address at: 377-9056 or e-mail: anniebret@bellsouth.net. Indicate in the subject line: FNPS

Scientific Name	Common Name	Family	Status
Acalypha gracilens	SLENDER THREESEED MERCURY	EUPHORBIACEAE	Native
Arachis glabrata	PERENNIAL PEANUT	FABACEAE	Non-native
Celtis laevigata	SUGARBERRY; HACKBERRY	CELTIDACEAE	Native
Commelina communis	ASIATIC DAYFLOWER	COMMELINACEAE	Non-native
Drymaria cordata	DRYMARY; WEST INDIAN CHICKWEED	CARYOPHYLLACEAE	Native
Fatoua villosa	HAIRY CRABWEED	MORACEAE	Non-Native
Ipomoea hederifolia	SCARLETCREEPER	CONVOLVULACEAE	Native
Juniperus virginiana	RED CEDAR	CUPRESSACEAE	Native
Melothria pendula	CREEPING CUCUMBER	CUCURBITACEAE	Native
Merremia dissecta	NOYAU VINE	CONVOLVULACEAE	Non-native
Palafoxia integrifolia	COASTALPLAIN PALAFOX	ASTERACEAE	Native
Phyllanthus tenellus	MASCARENE ISLAND LEAFFLOWER	EUPHORBIACEAE	Non-Native
Rhamnus caroliniana	CAROLINA BUCKTHORN	RHAMNACEAE	Native
Tridens flavus	TALL REDTOP; PURPLETOP TRIDENS	POACEAE	Native

GREEN-ROOF GARDEN

A special garden has been installed on the roof of the student union at the University of Central Florida in Orlando. Dune sunflowers, coral honeysuckle, and blanket flowers were installed this April on a 1,600 square foot green roof along with other plants that adapt to extreme weather conditions. 75% of the installed plants are Florida natives. Non-natives include bougainvillea, confederate jasmine, and ficus. Green roofs use waterproofing and drainage systems that allow a layer of vegetation to grow on flat or sloping roofs. The depth of media on the roof is 4 to 6 inches with a drainage system. The media is a mixture of Big River Industries gravelite expanded clay, vermiculite, perlite, and peat moss. The roof is projected to cut energy costs by about 50% and extend the life of the roof 20 to 50 years by keeping the roof warmer in the winter and cooler in the summer.



The other half of the student union is a standard roof that is being used as a comparison for temperatures, water runoff levels, and the condition of the green roof. Ground-level cisterns collect and hold excess rain from the standard roof that is recycled as irrigation water for the green roof. Although not visible from the ground, the green roof is visible from the third floor lounge in the union. UCF is planning more green roofs on new and existing buildings to help reduce storm water runoff. The UCF arboretum director Martin Quigley, who oversees the green roof landscaping, says “they can survive with little care.” The creation, maintenance, and study of the green roof is made possible by the Florida Dept. of Environmental Protection’s grant of \$340,000 and was designed by the architectural firm Schenkel-Schultz.

Information for this story was taken from the www.ucf.edu website and an article in *Ornamental Outlook* Magazine. Author Chad Binette can be reached at cbinette@mail.ucf.edu.

Submitted by: *Claudia Larsen*

GOING NATIVE AT THE NATIONAL GARDEN

A new National Garden will be opening in Washington D.C. in the spring of 2006 with a major focus on native species. It will be located on the grounds of the U.S. Capitol, directly across the street from the National Mall. In the early stages of planning, everyone wanted sections devoted to every state so members of Congress could plant their state flowers; but that wasn’t very realistic. Instead, this will be a regional garden filled with a huge variety of flowers, trees, shrubs, grasses, and herbs native to the mid-Atlantic region. Visitors will get an appreciation for the beauty of natives in a garden setting that includes new cultivars of flowering dogwood (*Cornus florida* ‘Purple Glory,’ ‘September Dog,’ and ‘Stokes Pink’), sweet azalea (*Rhododendron arborescens*), and pawpaw trees, which grow along the Potomac River in Virginia and Maryland.

As planned, the garden includes 4 phases: Phase 1, the basic garden, includes the rose garden, a butterfly garden, a lawn terrace, and several pergolas. Phase 2, the regional garden, encompasses an amphitheater that will serve as an outdoor classroom and an adventure trail with a stream. Phase 3 is the First Ladies Water Garden. Phase 4 is a \$7.6 million learning center. All funding is from private sector donations.

Director Holly Shimizu wants to educate gardeners on the importance of weather and growing conditions and determining what kinds of plants will be happy growing in these conditions. There will be a commitment to good organic gardening practices and encouraging creatures and pollinators. In choosing plants, she advises “If you can’t be with the ones you love, then love the ones you’re with.”

Submitted by: *Claudia Larsen*

PRICE'S SCRUB FIELD TRIP REPORT

We spent a beautiful October morning traipsing around Price's Scrub, a property managed by the state Office of Greenways & Trails. You've been by Price's Scrub many times, whether you knew it or not. Its eastern boundary is I-75, just south of the Alachua/Marion county line. The trails and access there are still primitive. Luckily for us, Mike Campbell from the Conservation Trust for Florida (www.conserveflorida.org) came out to orient us to the site. Although it is in Marion County, there are plans to connect Price's Scrub with conservation land in Alachua County and other areas.

We did not explore either the scrub or the slope forest at Price's Scrub, so we missed out on seeing a number of cool plants, including Florida spiny pod (*Matelea floridana*). We did tromp around a nice pond with pond spice (*Litsea aestivalis*) growing in the fringe. Both Florida spiny pod and pond spice are listed as endangered plants by the State of Florida. We spent most of our time in a flatwoods that had a wildfire several years ago. Many fall flowering composites were on display, like pineland chaffhead (*Carphephorus carnosus*), and dense gayfeather (*Liatris spicata*). We spent some time comparing ericaceous shrubs, like rusty staggerbush (*Lyonia ferruginea*), staggerbush (*Lyonia fruticosa*), fetterbush, (*Lyonia lucida*), highbush blueberry (*Vaccinium corymbosum*), and tarflower (*Befaria racemosa*) with gallberry (*Ilex glabra*) in the holly family. The most unusual plant in flower was dodder (*Cuscuta indecora*).

Submitted by: *Charlie Pedersen*



Wunderlin, R. P., and B. F. Hansen. 2004. *Atlas of Florida Vascular Plants* (<http://www.plantatlas.usf.edu/>)



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MEETINGS, EVENTS, FIELD TRIPS

- November 1 Meeting
5:30 p.m.
Board of Directors Meeting
For directions, contact Claudia Larsen
at 352-466-3880
- November 8 Monthly Meeting
7:30 pm
Jim Stevenson
The Ichetucknee Watershed
- November 12 Field Trip
Canoe Field Trip-Ichetucknee Springs State Park
This field trip will fit right in with Jim Stevenson's talk. The Ichetucknee is beautiful. If you have never canoed it, you are in for a treat.
We will meet the park biologist, Sam Cole, at 9:00 a.m. at the North entrance to Ichetucknee State Park. This is NOT the south entrance on US 27. This is where we will take canoes out. Take US 441 north to the city of High Springs. Take US 27 north to Ft. White. Turn right and go north on SR 47 for 2.5 miles. Turn left on CR 238 about three miles. The park will be on your left.
A map is available at: <http://www.floridastateparks.org/ichetuckneesprings/docs/IchetuckneeMap.pdf>.
If you'd like to carpool, we will meet in Gainesville at the Publix parking lot on the corner of NW 13th Street and 39th Avenue at 8:00 a.m. Please RSVP to Charlie Pedersen (352-373-0507, charliepedersen@gmail.com), so the park service knows how many people they will need to shuttle between canoe landings. You can bring your own canoe or rent one there from the park's outfitter. The chapter will reserve several canoes. Let me know if you need one when you RSVP. If you are hardcore, you can bring your wetsuit and snorkel down the spring run!
- Dec 13 Social Event
FNPS Social
2006
- January 10th Monthly Meeting
- January 28th Event
8:00am-1:00pm
The Great Air Potato Roundup- Morningside Nature Center and several sites around town Please pre-register at www.natureoperations.org.
For more information call 334-2170.
- May 17-21 Event
2006 FNPS State Conference

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Next meeting
Tuesday, November 8th
7:30 pm
(Plant ID Workshop at 6:30)
Doyle Conner Bldg. DPI
1911 SW 34th St.
Gainesville, FL

Monthly Meetings
Regular monthly meetings are held the 2nd Tuesday
in September - November and January - May at 7:30 pm. at the:
Doyle Conner Building
Division of Plant Industry
1911 SW 34 St., Gainesville

Plant ID workshops precede each meeting at 6:30 pm.

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Florida Native Plant Society Membership Form

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Please mail completed form to: Florida Native Plant Society, P.O. Box 278, Melbourne, FL 32902-0278

A copy of the official registration and financial information may be obtained from the Division of Consumer Services by calling toll-free within the state. Registration does not imply endorsement, approval, or recommendations by the state.