

Field Notes

NEWSLETTER OF THE FRIENDS OF PLANT CONSERVATION
SUPPORT GROUP OF THE NC PLANT CONSERVATION PROGRAM, NC DEPARTMENT OF
AGRICULTURE AND CONSUMER SERVICES, RALEIGH, NC

VOL. 2, ISSUE 3, FALL 2010

ISSN:

Invitation to the Friends of Plant Conservation 3rd Annual Meeting

Wednesday, November 3, 2010
9:00 a.m. ~ 4:00 p.m.
N.C. Aquarium at Ft. Fisher



*Pteroglossaspis
ecristata*

The Friends of Plant Conservation is pleased to announce its Third Annual Meeting on Wednesday, November 3, 2010 at the N. C. Aquarium at Ft. Fisher.



Plantanthera nivea,
David McAdoo

We will focus on many of the spectacular imperiled plants and the ecology of southeastern North Carolina. There will also be updates on the progress of the NC Plant Conservation Program and the Friends organization.

Please make plans to join us and to add your voice, your opinions, and your suggestions for the direction of the Friends organization.

An added feature this year includes your choice of two guided tours focusing on the plants and ecology of the area.

Registration form and accommodations information on following pages.



Calopogon multiflorus,



Lobelis boykinii,
Marg Boyer

AGENDA

Wednesday, November 3rd

9:00—4:00 P.M.

Registration and Coffee
Welcome and Opening

Plant Conservation Program -
Gene Cross

Imperiled Plants in Southeast North
Carolina—Richard Leblond

State of Imperiled Plant in North Caro-
lina—Rob Evans

Legal Options: Protecting Imperiled
Plants—Superior Court Judge Ola Lewis

Plant Preserve Partners: A Volunteer
Approach to Saving Imperiled Plants—
Tom Harville

Recognizing Imperiled Plants, or Her-
baria: What, Where, and Why Should
We Care?—Brenda Wichmann

NC Friends of Plant Conservation Annual
Meeting—Bruce Williams, President

Field Trips:

Coastal Dunes Ecology with
Dr. Paul Hosier

Aquarium Horticulture Tour
with Melanie Doyle



FROM THE PRESIDENT...

Friends of NC Plant Conservation

Board of Directors

C. Bruce Williams, President
cbw.3@earthlink.net

David Blevins, Vice President
david@blevinshoto.com

Katherine Schlosser, Secretary
kathyschlosser@triad.rr.com

Kurt Schlimme, Treasurer
kurt@enoriver.org

Marsh Smith, Development
marsh@marshsmithlaw.com

Mark Rose, Policy & Gov.
trilliumboy@yahoo.com

Tom Baugh, Education
springmountain1@att.net

Tom Harville, Membership
tomhar@bellsouth.net

Paul Hosier, Strategic Planning
hosier@uncw.edu

Mike Kunz, Program Planning
mkunz@email.unc.edu

Andy Wood, Program Planning
awood@audubon.org

Advisors

Gene Cross, Director, NCDA&CS-
Plant Industry Div.

Rob Evans, Plant Ecologist,
NCSA&CS-Plant
Conservation Program

Autumn 2010

Time marches on.

On November 3rd, the third annual meeting of the North Carolina Friends of Plant Conservation will meet. Your organization has grown and we are beginning to make difference in our State.

The North Carolina Aquarium at Fort Fisher will host our event. We have a great group of speakers that will titillate and enlighten you on the state of imperiled plants. Pertinent information, great people, and magnificent scenery will make this years annual meeting the best ever.

If you would like to place any topics on the annual meeting agenda or hear a special subject discussed, please send me an email (cbw.3@earthlink.net) or give me a call [Phone: (910) 313-6785; Cell: (910) 264-1286].

Plan to bring a friend or friends to the event and make your reservations soon, as our space is limited. We have lots of work to do and so little time. Join us.

Bruce Williams



Field Notes

3rd Annual Meeting details

Accommodations

To accommodate those of us in need of a little fall break before the start of the holiday season, we have reserved a block of rooms at the **Carolina Beach Courtyard Marriott**.



A special rate of \$69.95 has been obtained for this event. Be sure to mention the NC Friends of Plant Conservation when you make your reservation in order to receive the discount. Reservations must be made by October 1 to qualify for the discount. Phone: 910-458-2618

[Driving directions:](#) (click here)

<http://www.marriott.com/hotels/maps/directions/ilmcb-courtyard-carolina-beach/>

If you would rather get a little closer to nature, try: Carolina Beach State Park 83 campsites, some with picnic tables and grills. Fee: \$15 - \$20 per day.



Carolina Beach State Park
1010 State Park Road
PO Box 475
Carolina Beach, NC 28428
Office Phone: (910) 458-8206

<http://www.ncparks.gov/Visit/parks/cabe/main.php>

The NC Aquarium at Ft. Fisher is just minutes from the Courtyard Marriott or Carolina Beach State Park.

Agenda

- 9:00 **Registration and Coffee**
- 9:30 **Welcome and Opening Remarks**-Donna Moffitt, Director, NC Aquarium; Bruce Williams, President, NC Friends of Plant Conservation

Presentation: Stanley Rehder - Dedication for 89 years of Plant Conservation Efforts in Southeastern North Carolina
- 9:40 **Plant Conservation Program**, Gene Cross, Plant Industry Division, NC Department of Agriculture
- 10:05 **Imperiled Plants in Southeast North Carolina**, Richard LeBlond
- 10:30 **State of Imperiled Plants in North Carolina**
Rob Evans- NC Plant Conservation Program
- 10:55 **Legal Options: Protecting Imperiled Plants**- Superior Court Judge Ola Lewis- Brunswick County, North Carolina
- 11:20 **Break**
- 11:40 **Plant Preserve Partners: A Volunteer Approach to Saving Imperiled Plants**-Tom Harville
- 12:05 **Recognizing Imperiled Plants or, Herbaria - What, where, and Why Should We Care?** – Brenda Wichmann, Assistant Curator of the Herbarium, UNCW
- 12:30 **Lunch**
- 1:15 **NC Friends of Plant Conservation Annual Meeting**
- 1:55 Announcements and Comments
- 2:00 Field Trips:
Coastal Dunes Ecology-Dr Paul Hosier
Aquarium Horticulture Tour- Melanie Doyle, Horticulturist, Fort Fisher Aquarium
- 4:00 Adjourn

Registration form, 3rd Annual Meeting

Registration deadline: October 22, 2010

Name(s): _____

Address: _____

Telephone: (Home) _____ (Cell) _____

Email: _____

- Member, Lunch only \$15
- Member, Lunch and Annual Renewal
 - Individual \$30
 - Family \$40
 - Affiliate (# members _____) \$40
 - Sustaining \$65
 - Life \$515
 - (5 yearly installments)
 - Student \$20

Student- Annual Renewal only; No lunch \$5

- Gift to promote the Mission
- \$5
 - \$25
 - \$50
 - \$100
 - \$_____

Total Enclosed \$_____

Mail check and registration form to:

Friends of Plant Conservation
 c/o Marlene Ikerd
 NCDAG&CS
 1060 Mail Service Center
 Raleigh, NC 27699-1060

Phone: 919-733-3933
 Fax: 919-733-1041
 Email: Marlene.Ikerd@ncagr.gov

INTERESTS

- Education
- Preserve Steward program
- Public relations: newsletter, web
- Speakers bureau
- Resource development
- Policy development
- Grant writing
- Workshop development
- Other: _____

Mission of the Friends of Plant Conservation

- to increase public awareness and understanding of North Carolina's Plant Conservation Program.
- to provide the public with the opportunity to support and promote the mission of the Plant Conservation Program which is to protect the rare and native plant flora of the state.
- to provide support for those programs and activities that are compatible and consistent with the N.C. Department of Agriculture and Consumer Services' Plant Conservation Program.
- to solicit, hold, and invest funds in support of plant conservation program activities in North Carolina.

NCNPS Conservation Symposium

Sunday, September 19th
12:00 ~ 5:00 p.m.
N.C. Zoo, Education Building

NCNPS presents a very special gathering to discuss plant conservation issues in North Carolina. Join us on Sunday afternoon, September 19th for this exceptional opportunity to hear some of our most knowledgeable botanists discuss restoration, re-introduction, and re-location of endangered species.

This event is free and open to the public (parking is also free). Light refreshments will be available in the afternoon, but plan to have lunch before you arrive.

Mark Rose-Report on the Center for Plant Conservation Symposium held in St. Louis, MO -October 2009

Dr. Claudia Jolls-Report of her work at ECU with *Amaranthus pumilus* (Seabeach Amaranth).

Dr. Ken Bridle-Report on his experience with re-location of *Helianthus schweinitzii* (Schweinitz's Sunflower).

Mike Kunz-Report on UNC Botanical Garden's re-introduction work on *Lysimachia asperulifloia* (Rough-leaf Loosestrife) and *Lilium pyrophilium* (Sandhill's Lily).

Dr. Johnny Randall-Report on UNC Botanical Garden's re-introduction work on *Echinacea laevigata* (Smooth Cone-flower) and *Ptilimnium nodosum* (Harperella).

panel discussion and opportunity for questions and answers will follow the speaker sessions.

Schedule for the afternoon:

12:00-12:30 Gathering and Social time
12:30- 1:00 Speaker
1:00- 1:45 Speaker
1:45-2:30 Speaker
2:30-3:00 Break
3:00-3:45 Speaker
3:45-4:45 Panel Session
4:45-5:00 Closing remarks

Join us at the NC Zoo in Asheboro for this event. We will meet in the large meeting room in the **Education Building just to the left of the Zoo ticket gate (no zoo ticket required for the meeting).**

*Sunday, September 19th***DIRECTIONS:**

From Lexington, Mocksville, Asheville/ US 64 E

Take US 64 East

Turn RIGHT on ZOO PARKWAY/ NC 159

Go 4.4 miles

Turn LEFT at Zoo Entrance

From Apex, Cary, Raleigh / US 64 W

Take 64 West

Turn LEFT on ZOO PARKWAY/ NC 159

Go 4.4 miles

Turn LEFT at Zoo Entrance

From Greensboro /I-85 S & N

From Greensboro / I-40 E & W

Take Asheboro Exit, I-73 S (Freeman Mill Rd S which becomes US-220 S)

Go 23.3 miles south

Take US-64 E exit, merge onto US-64 E (W. Dixie Dr.)

Go 1.3 miles

Turn RIGHT on ZOO PARKWAY/ NC-159

Go 4.4 miles

Turn LEFT at Zoo Entrance

From Charlotte I-85 N

Take I-85 N to Exit 96 (Lexington),

Turn RIGHT on US 64E to Asheboro

Turn RIGHT on ZOO PARKWAY/NC-159

Go 4.4 miles

Turn LEFT at Zoo Entrance

From Charlotte NC-49 N

Take NC-49 N to Asheboro

Merge onto 64 E / NC-49 N (Dixie Dr.)

Turn RIGHT on ZOO PARKWAY/NC-159

Go 4.4 miles

Turn LEFT at Zoo entrance.

From Pinehurst, Candor, Ellerbe, Rockingham

I-73 N/I-74 W (US-220 N)

Take the New Hope Church Rd. Exit – Exit 49

Turn RIGHT on New Hope Church Rd.

Turn LEFT on US-220 ALT

Turn RIGHT on ZOO PARKWAY / Hwy 159

Go 2.9 mi.

Turn RIGHT into Zoo Entrance



Rhexia aristosa,
Linda Lee



Lilium pyrophilium

Recovery Champions

~ Dale Suiter

The U.S. Fish and Wildlife Service recently recognized Richard LeBlond and Hervey McIver as Recovery Champions for their work toward the recovery of Golden sedge (*Carex lutea*), Cooley's meadowrue (*Thalictrum cooleyi*) and other rare species.

Richard J. LeBlond, a retired botanist and volunteer with the N.C. Natural Heritage Program first collected Golden sedge in 1990. Recognizing it as distinct from other sedges known from the southeastern U.S., he described it as a new species in 1994 and it was listed as endangered in 2002. Golden sedge is endemic to the outer coastal plain of North Carolina and is known from only eight populations in Pender and Onslow counties of N.C.

Since determining that Golden sedge is new to science, LeBlond has led important conservation efforts to educate others about the species and the habitat where it occurs. He has found several new populations and all known locations were found as a direct result of his survey efforts or those he educated about the species. Without his original observations it is likely that this species would have gone unnoticed and likely extinct before anyone even recognized it as a distinct species.

LeBlond has worked closely with Hervey McIver, protection specialist with The North Carolina Chapter of The Nature Conservancy, to identify parcels of land that are important for the protection of Golden sedge populations. McIver is the key person responsible for permanently protecting 8,439 acres of land (costing \$8,038,025) that contain populations of Golden sedge, Cooley's meadowrue, Red-cockaded woodpeckers and other rare species. Over 80% of the known populations of Golden sedge are permanently protected, thanks to his efforts.

McIver recently celebrated his 12th year with The Nature Conservancy and he has concentrated his land protection efforts in North Carolina's coastal plain since 2000. His appreciation of the land and respect for the people of the state are evident in every aspect of his work. His warm, friendly personality opens many doors and allows him to work with landowners on large-scale conservation projects that many people never dreamed would be possible.

McIver's leadership skills have been most notable in his work with the many partners on the Fire Learning Network efforts in the Onslow Bight and Green Swamp areas of coastal North Carolina. Working with fire ecologist Margit Bucher, he brought all of the land management

partners together under a formal agreement known as the Onslow Bight Stewardship Alliance so that they may share fire data, expertise and equipment for prescribed burning.

Dale Suiter



Richard Leblond (photo by Dale Suiter)
Hervey McIver (photo by Dale Suiter)



From the editor:

I just love receiving articles from our members, as I always learn something completely unexpected.

Today, the word "bight" caught my attention:

In geography, bight has two meanings.

A bight can be simply a bend or curve in any geographical feature—usually a bend or curve in the line between land and water.

Alternatively, the term can refer to a large (and often only slightly receding) bay. It is distinguished from a sound by being shallower.

Traditionally explorers defined a bight as a bay that could be sailed out of on a single tack in a square-rigged sailing vessel, regardless of the direction of the wind.

See page 8...

News from the board. . . .

FOPC Board Member (and Bat Fork Bog Preserve Steward) Tom Baugh has been advanced to Deputy Vice Chair for IUCN's (www.iucn.org) Commission on Ecosystem Management for North America and the Caribbean (CEM NA&C). Tom was previously Policy Coordinator for CEM NA&C. In addition, Tom also serves on IUCN's Gulf Oil Spill Working Group and just returned from Washington DC where he and his colleagues discussed and planned the IUCN response to the long-term impacts of the oil spill on Gulf ecosystems and species.



Board News

Excerpts from the August 2010 meeting

Preserve Steward program:

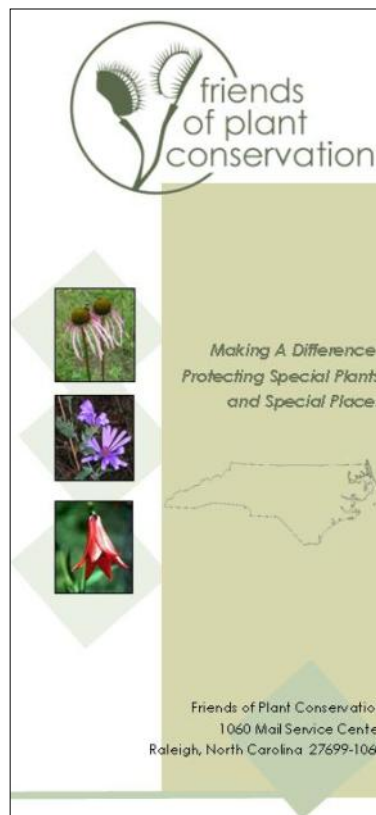
Tom Harville reports that progress is being made on Preserve Stewards. He has a draft manual for volunteers prepared, and a draft outline for training. Tom Baugh, who has been working as Preserve Steward at the Bat Fork Bog Plant Conservation Preserve and the Ochlawaha Bog Plant Conservation Preserve, offered to help with the training of additional Stewards.

Membership:

As of June 12th we have 123 members. Membership information will be included on the Annual Meeting registration form. Brochures (100), developed by Kathy with assistance from all members of the board, were distributed at the Cullowhee Native Plant Conference. Tom Baugh has distributed 150 around the western part of the state. Kathy, Kurt and Rob set up a tent at the Eno River Festival, distributing brochures as appropriate.

Communications

Brochure completed and printed; need to print 2,000 more. Website completed. Logo completed. Kathy will check on creating placemats for use in the cafeteria at the NC legislature.



We have informational brochures available. If you can help distribute a few, contact any board member.

Thank you!

Need a program?

Contact any member of the Friends of Plant Conservation board. We will work with you to line up a speaker.

Interested in presenting a program on the Friends of Plant Conservation yourself? Contact Kathy and she will get a copy of a powerpoint program to you.

kathyschlosser@triad.rr.com



Headline

From Tom Baugh

Ecosphere is a new online, open-access journal from the Ecological Society of America. think the publication will not only provide substantive content but also may help bridge a number of gaps because of its interdisciplinary focus.

[editors note: Tom Baugh is serving as a reviewer for the journal]

<http://www.esa.org/pao/newsroom/press2010/07232010.php>



Onslow Bight

The Onslow Bight extends from the lower Northeast Cape Fear River to the Pamlico River and from offshore waters to approximately 30 miles inland. The area is a unique landform of barrier islands, marshes, riverine wetlands, pocosins, longleaf pine savannas and many other coastal ecosystems.

These diverse natural communities provide habitat for numerous rare plant and animal species, including several species that are found only in this area and nowhere else in the world. The pocosins and longleaf pine forests are critical habitat for nesting and foraging red-cockaded woodpeckers, while the delicate barrier islands are essential habitat for sea turtle and water bird nesting.

The natural communities of Onslow Bight are threatened by rapid development, fire suppression in fire-dependent ecosystems, non-native invasive species, hydrolic alteration and over-collecting of marketable species (such as the Venus flytrap).

Click here:

[The Nature Conservancy](#)

