



Department of Environmental Protection

Charlie Crist
Governor

Bureau of Parks District 2
4801 Camp Ranch Road
Gainesville, Florida 32641-9299

Michael W. Sole
Secretary

January 2, 2007

Joanna Booth
Salter Tree and Herb Farm
PO BOX 20066
Tallahassee, FL 32316-0066

Dear Ms. Booth,

Enclosed is Research & Collecting Permit #01020712 which authorizes the collection of Trailing phlox (*Phlox nivalis*) from O'Leno State Park. The permit must be kept attached to your application and carried with you at all times while conducting research in the park.

As discussed over the phone, O'Leno State Park is interested in cooperating with your study; however, we are sensitive to the commercial nature of your proposal. To mediate our concerns, please be sure to adhere to all conditions, paying particular attention to the Special Conditions and Restrictions section, as they pertain specifically to your study. We emphasize that you must notify the District Biologists (either Anne Barkdoll or myself) a week prior to each collecting activity, so we may approve plant material amounts and population locations. If you have any questions regarding these conditions, I will be happy to discuss them with you.

In exchange for the privilege of working in our parks, please submit to us any field reports and species lists, including incidental observations of other flora or fauna, following your sampling period. We must receive that report before a renewal of the permit, if requested, will be considered.

Please call me at (352) 955-2135 if you have any questions or if I can be of further assistance.

Sincerely,

Ginger L. Morgan

OPS Biologist
Florida Park Service
District 2 Administration
Ginger.Morgan@dep.state.fl.us

cc: Park Manager, District Files

Florida Department of Environmental Protection
Division of Recreation and Parks

Permit Number:
01020612

RESEARCH/COLLECTING PERMIT

This Permit Must Be Carried At All Times While Researching/Collecting

Primary Holder:

Booth, Joanna

Salter Tree and Herb Farm

Issue: 1/2/2007

Expiration: 1/2/2008

Additional Permittees:

PO Box 20066
Tallahassee, FL 32316-0066
(850) 574-8367 jbooth2301@yahoo.com

To Research/ Collect:

To survey and collect portions of Trailing phlox (Phlox nivalis) for propogation purposes.

In the Following Parks:

O'Leno State Park

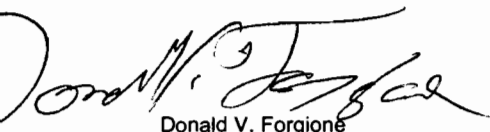
Standard Conditions:

1. Contact the Park Manager (PM) and Biologist (BIO) in advance of project start (2 weeks notice when possible), for coordination and arrangements.
O'Leno (386) 454-4201 PM Morgan Tyrone
2. Check in upon arrival at and departure from the park. Collected material is subject to inspection.
3. Collect only materials as stated above, in the quantities and manner indicated in the attached application form.
4. Any other applicable state and federal permits are the responsibility of the permittee.
5. Collected objects may not be sold, bartered, or traded.
6. Collect no state or federally listed, or rare endemic species or forms, unless otherwise stated in permit.
7. Research shall be conducted in such a manner as not to attract attention or cause damage to the environment.
8. Remove all flagging and project markings upon project completion.
9. The permit is non-transferable. At least one named collector (above) must be present.
10. The permittee and research associates will not be subject to park day-fees.
11. The permit is revocable.
12. The permit may be renewed upon written request. Consideration for renewal will be contingent up on submission of an interim progress report.
13. A final report, including species lists, museum voucher numbers, incidental observations, and any research reports concerning project data shall be submitted to the district biologist and the parks within one month of permit expiration. The report is the responsibility of the primary permit holder. Failure to submit a report may result in denial of future research requests.

Special Conditions and Restrictions:

- 1 Researcher must attain approval from District Biologists before collecting from any population. Once collecting activities are approved, the District Biologist will be notified at least one week prior to each collecting visit.
- 2 The amount of plant material allowed for collection will be based on the number and size of populations found during field surveys. Collection will not exceed 20% of the population and will not remove more than 20% of an individual plant.
- 3 All occurrences of Trailing phlox will be documented by GPS. A written description of each collecting site will also be required.
- 4 Research results pertaining to the propogation of Trailing phlox should be submitted to the Native Plant Society for publication.
- 5 Upon successful propagation of Trailing phlox, the permitted will deliver at no charge, 10% of healthy plants from the O'Leno stock only, back to O'Leno State Park.

Approved:



Donald V. Forgione

Chief, Bureau of Parks District 2
Division of Recreation and Parks
District 2 Administration
4801 Camp Ranch Road
Gainesville, FL 32641-9299

Phone: (352) 955-2135
Suncom: 625-2135
FAX: (352) 955-2139

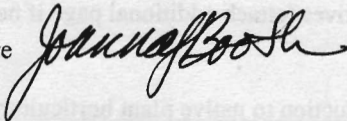
cc: District Biologist, Park Manager(s), Park Biologist(s)

APPLICATION FOR RESEARCH/COLLECTING PERMIT

(Please Print or Type)

Applicant's Name Joanna S. Booth Date of Application 11/20/2006

Applicant's Signature



Occupation Wildflower Seed grower
and Licensed Massage Therapist

Affiliation Salter Tree and Herb Farm

Address PO Box 20066 Tallahassee FL 32316-0066

Phones (850) 574-8367 (850) 574-8367 (850) 574-7022
Business Home FAX

Email jbooth2301@yahoo.com

Additional Persons to be Authorized Under Permit: none

Do you have a federal or other state agency permit for the proposed activity? Yes No

if Yes, please attach a copy.

Collection approval from FLDOT and Madison County Public Works Department.
Liberty County Board of County Commissioners request in process.

Have you previously had a DRP research/collecting permit? Yes No

List parks to be included in permit.

O'Leno State Park

Why is a state park/preserve proposed for this project?

Species has been documented growing at O'Leno through the University of Florida's herbarium database. The plant is not easily found during the winter but is best propagated when dormant. Permission is requested to photograph plants and take cuttings of tip growth on no more than 30% of the plant material if there is more than one plant present. Repeated visits are requested until September 07.

Describe/propose benefits to state park/preserve.

Propagation activities produce more abundant branching on pruned plants. Plants will regrow and likely benefit from light pruning.

This will create more blossoms on the plant, more notice by the public. Propagation permission will support the goals of the Florida Wildflower Advisory Council and Florida Wildflower Foundation through the grant funded to the Salter Tree and Herb Farm to research and develop Phlox nivalis and create a propagation colony at STHF for future propagation needs.

Project Start Date 11/30/06

Project End Date 9/30/07

Describe research/collecting needs and objectives (attach additional page if necessary). Append a copy of a research proposal if available.

Create a propagation colony to support introduction to native plant horticultural industry. Collect tip stem growth and seeds when available.

Root cuttings at STHF and transplant into natural conditions at STHF. Offer to replant collection sites from propagation colony. Maintain a propagation colony at least three years or longer to support future contracts to reproduce Phlox nivalis.

Species/samples to be collected/studied (if taking is necessary, specify numbers requested and justify need for sample size).

Searching for propagation material includes multiple sites listed primarily around Bristol and Perry. O'Leno material must be found and assessed for quantity. No more than 30% of a stem, or 30% of the colony will be used for cutting material. No plants will be removed and no plants will be so severely pruned as to endanger the survival of the plant or colony.

Methodology (describe collecting/trapping/marketing methods) cuttings will be taken with sissors. Material will be wrapped with a damp cloth for transport to farm. Proposed disposition of collected specimens Specimens will become part of the establishment of a propagation colony at STHF. If cutting propagation is successful, plants and seeds will be offered through the Wildflower Seed and Plant Growers Association, Association of Florida Native Nurseries and the Salter Tree and Herb Farm web site.

Return to: District 2 Administration, 4801 Camp Ranch Road, Gainesville, FL 32641-9299.

Phone (352) 955-2135 FAX (352) 955-2139

OFFICE USE ONLY:

Date Application Received 11/27/06 30 Day Review Due 12/27/06

Biologist Recommendation: Approved 1/2/07 Denied _____

Issue Date 1/2/07 Permit No. 01020712

Morgan

copy via fax, email, mail