



PINELANDS
PRESERVATION
ALLIANCE

June/July 2011

Volume 18

Number 5

INSIDE:

PPA 2011
Programs.....2

Frogs, Fungus and
the Pines.....3

The Little World
Inside Pitcher
Plants.....4

PPA
MEMBERandom.....6

Pinelands
Calendar.....7

Upcoming PPA Events

Tuesday, July 19

**Kids Nature
Program**

10:30am - Noon

**Bishop Farmstead,
Pinelands Preservation
Alliance (call to register)**

17 PEMBERTON ROAD
SOUTHAMPTON, NJ 08068
T - 609.859.8860
F - 609.859.8804
WWW.PINELANDSALLIANCE.ORG



INSIDE THE PINELANDS

Credit: PPA



A site in Ocean County where DEP wants to waive environmental protections to build a Super WalMart

NJ DEP's Proposal for Widespread and Discretionary Waivers

by Carleton Montgomery & Jaclyn Rhoads

New Jersey Department of Environmental Protection (DEP) is proposing a new rule to authorize widespread, discretionary waivers of environmental protections for the benefit of developers and polluters who don't want to follow the law. The rule would allow DEP to give permit applicants waivers of virtually any environmental protection, ensuring that powerful, well-connected applicants would be given special treatment at the expense of our water, air, and forests and to the detriment of the public.

PPA believes this proposed rule is both very bad policy and patently illegal.

As it stands, this proposal would authorize DEP to give waivers based for any of three reasons:

1. **Conflicting rules** - If DEP finds applying an environmental regulation conflicts with another department's or

state or federal agency's rules, then it may be waived.

2. **Unduly burdensome** - Waivers could be granted whenever strict application of a rule is "unduly burdensome," which the rule vaguely defines as "exceptional hardship for a particular project or property" or "excessive cost in relation to an alternative measure of compliance that achieves comparable or greater benefits."

3. **Net environmental benefit** - The applicant can provide some kind of "offset" or "mitigation," in exchange for a waiver of the normal protections.

The rule would apply to all environmental regulations, except for several listed kinds of rules. Among these exemptions from the rule are cases where the waiver rule would be inconsistent with federal requirements, or where the rule in question is "protective of human health."

continued on page 5

Published six times a
year by the Pinelands
Preservation Alliance

Executive Editor

Carleton Montgomery

Editor

Mike Hunninghake

PPA Staff

Richard Bizub

Tom Dunn

Becky Free

Amy Karpati

Theresa Lettman

Jaclyn Rhoads

Jane Wiltshire

Distributed to

PPA members & volunteers,
state legislators,
Pinelands municipalities,
elected officials,
selected officials,
and planning boards

*Mailing services generously
donated by Swift Mailing
Services of Bensalem, PA
(www.swiftmailing.com)*

Our newsletter is available
at:

www.pinelandsalliance.org

*Printed on 100% recycled
paper (made from post-con-
sumer pulp produced in a
chlorine-free pulping and
bleaching process)*

Circulation: 5500

PPA 2011 Summer/Fall Programs



Pinelands Preservation Alliance is pleased to announce our Summer/Fall schedule of programs. We will offer a variety of programs and events for the general public throughout the year. The programs below are a mix of field trips, history programs, ecology lectures and documentary films about the Pine Barrens specifically, as well as general environmental themes.

PINELANDS ADVENTURES

Saturday, June 25, 9:00am - 1:00pm
Pine Barrens Ecology Walk

Sunday, July 17, 8:00am - 4:00pm
Canoeing Piney Rivers (*jointly with
the NJ Conservation Foundation*)

*Saturday, September 24, 9:00am -
1:00pm*

Harrisville/Martha Furnace Hike

Sunday, October 23, 9:00am - 2:00pm
Franklin Parker Preserve Hike (*jointly
with the NJ Conservation Foundation*)

*Saturday, October 29, 10:00am -
2:00pm*

Water Resources of the Pine Barrens

PINELANDS HERITAGE SERIES

Wednesday, July 14, 7:30pm

**Dr. James Still, the Black Doctor of
the Pines**

Saturday, August 20, 10:00am - Noon
Atsion Mansion & Village Tour

Saturday, September 24, 10:00am
**Explore the Villages of Rome and
Florence**

Wednesday, October 12, 7:00pm
**Uncovering the Past: A Photographic
History of The Pine Barrens**

PINELANDS LECTURE SERIES

Wednesday, May 25, 7:00pm
Exploring the Ecology of the Pines

September TBA, 7:00pm
Forestry and Fire

Thursday, November 10, 7:00pm
Low Impact Development

KIDS PROGRAMS

Tuesday, July 19, 10:30am - Noon
Kids Nature Program

PINELANDS FILM

Wednesday, August 10, 8:15 - 9:15pm
**Movie Under the Stars: "The Pine
Barrens: Up Close & Natural"**

PINELANDS WORKSHOP

Tuesday, December 6, 7 - 9:00 pm
**Groundwater Supply and Ecosystem
Needs**

**REGISTRATION IS REQUIRED FOR
ALL PROGRAMS; PAYMENT IS DUE
AT TIME OF REGISTRATION.**
Registration is confirmed by receipt of
payment (credit card/check).

To register, please call (609) 859-
8860 x14 or email [tom-
dunn@pinelandsalliance.org](mailto:tom-dunn@pinelandsalliance.org) or:
[www.pinelandsalliance.org/exploration/
ppaprograms/](http://www.pinelandsalliance.org/exploration/
ppaprograms/)

For more information on
each program please go to
[www.pinelandsalliance.org/exploration/
ppaprograms/](http://www.pinelandsalliance.org/exploration/
ppaprograms/) or call to request a
brochure.

Frogs, Fungus and the Pine Barrens

By Karena DiLeo, Assistant Biologist, Conserve Wildlife Foundation of New Jersey

The Pinelands are home to 17 species of amphibians, including 5 species that are considered threatened or endangered in New Jersey. It is the distinctive characteristics of the Pinelands—acidic, nutrient-poor, sandy soils, and their geographic location as an important range overlap for many northern and southern species—that create this unique habitat.

Although there have been no reported declines of amphibians in New Jersey, around the world populations are experiencing drastic declines, with a loss of over 150 species since 1980—more than 200 times the natural background extinction rate. Habitat loss is the main cause of declines but pollution, degradation, and invasive species are also factors. The recent emergence of the amphibian fungal pathogen known as chytridiomycosis, together with climate change, may be the biggest threat to face amphibians yet.

Chytridiomycosis is the disease caused by the chytrid fungus *Batrachochytrium dendrobatidis* or *Bd*. First identified in 1998, *Bd* feeds on keratin in the skin of adults and the jaw sheaths of tadpoles. As the fungi feed and reproduce it breaks down the skin, preventing proper water absorption and leading to desiccation, decreased respiration, damage to the nervous system, behavioral changes, and eventually death. Believed to be the main factor in the current wave of amphibian

declines, *Bd* has been found on every continent except Antarctica.

Preliminary research has detected neither chytridiomycosis nor *Bd* in the Pinelands. Although it is possible that *Bd* is present in quantities too low to identify or simply not present at the sites tested, it is also extremely plausible that the unique water and soil chemistry of the Pinelands creates an inhospitable environment for this pathogen fungus. Research has shown that *Bd* tolerates pH from 4 to 10 and a wide range of temperatures. However, with little known about nutrient requirements and no data on the effects of tannins and other plant compounds, it is unclear if the water chemistry in the Pinelands deters or possibly even mitigates the effects of *Bd* on amphibians.

Currently no *Bd*-related mortalities have been found in New Jersey's amphibians, but recent data show the fungus is present. Conserve Wildlife Foundation of New Jersey has teamed up with the Division of Fish and Wildlife's Endangered and Nongame Species Program and Montclair State University to perform a comprehensive state-wide survey for chytridiomycosis to learn what species and ecosystems are at highest risk in New Jersey. With scientists knowing so little about the cause and spread of this disease, it is important to collect as much baseline data as possible to learn more and hopefully prevent such an event from occurring in New Jersey.

Annual Life Science Field Training Institute June 20 - 24, 2011

Location: The NJ Pinelands

A multi-day field science experience for educators designed to strengthen field-based investigations.

\$50 refundable deposit

Professional development credits & Rutgers graduate credit available

Reg. Deadline: June 10, 2011

Sponsored by PPA and funded by a generous grant from The Bonazzi Foundation for the Promotion of Science Education

Contact Mike at (609) 859-9960 x24 for details or go online to register at <http://www.pinelandsalliance.org/teachers/lifescience>

Coming in July:

5th Annual State of the Pinelands Report

The report details how the specific actions of government agencies and appointed & elected officials either helped or harmed the Pinelands during the previous year, including the Pinelands Commission, NJ DEP, NJ State Legislature, Governor, mayors, township councils, federal representatives and actions by the courts. The report is released each year to coincide with the anniversary of the signing of the Pinelands Protection Act on June 28, 1979.

Microbial Communities in Pitcher Plants

By Amy Karpati, Ph.D, Director of Conservation Science

If you've ever taken a stroll around a pond or bog in the Pine Barrens, you've likely encountered our local species of pitcher plant, *Sarracenia purpurea*. Pitcher plants, along with sundews and bladderworts, are carnivorous plants native to the Pine Barrens. Pitcher plants are specially adapted to thrive in the low-nutrient soils of the Pine Barrens by forming tubes, or pitchers, from their leaves with which to trap insects. The pitchers fill with rainwater, are slippery around the rim, and are covered with downward-pointing hairs on the inside. This means that if an insect crawls along the rim of the pitcher, it is likely to slip and fall into the water, with little chance of escape. The insect eventually dies, its decomposing body releasing nitrogen and phosphorus, which is then absorbed into the tissues of the pitcher plant.

Unlike other North American pitcher plants, *S. purpurea* does not appear to secrete enzymes to aid in the digestion of its insect prey. Instead, it relies on a diverse community of bacteria for digestion, just like we rely on bacteria in our gut flora for proper digestion. The bacteria living in the pitcher's water break down the insect bodies, transforming the nutrients into mineral forms that can be absorbed by the plant tissue.

The microbial communities

within pitcher plants are diverse and contain not only bacteria, but also rotifers, protozoans, and insect larvae – most notably the larvae of the *Wyeomyia smithii* mosquito. All of these organisms interact in dynamic ways to affect the overall microbial community structure. In fact, because they are enclosed within the discrete boundaries of the pitcher leaves, the microbial communities contained within pitcher plants have been used as a model system for the study of food webs and other ecological concepts for almost 200 years



Pitcher plant

The food web within a pitcher plant is more complex than it may seem at first glance. The diversity of microorganisms within a pitcher actually depends on the presence of the *Wyeomyia smithii* mosquito larvae. In this system, *W. smithii* is considered a “keystone species”, meaning that its presence or absence indirectly results in completely different microbial communities. This is thought to

be due to the food chain within the pitchers. Typically, the protozoans will eat the bacteria, resulting in fewer bacterial species represented in the pitcher community. But, the *W. smithii* larvae eat the protozoans. So, when *W. smithii* larvae are present, they eat enough of the protozoans to prevent the protozoans from reducing the bacterial populations. This means that, overall, the bacterial community within a pitcher is larger and has a greater species diversity when *W. smithii* larvae live in the pitcher, too. By promoting a more diverse bacterial community, perhaps *W. smithii* also promotes better digestion in the pitchers!

Next time you come across a pitcher plant, think of all the small but intricate dynamics that so easily escape our field of view, but are still happening around us all the time.

Source: Peterson, C.N., S. Day, B.E. Wolfe, A.M. Ellison, R. Kolter, and A. Pringle. 2008. A keystone predator controls bacterial diversity in the pitcher-plant (*Sarracenia purpurea*) microecosystem. *Environmental Microbiology* 10:2257-2266.



NJ DEP's Proposal for Widespread Waivers

continued from cover page

However, it is impossible to know which rules DEP thinks fall into these exceptions and which do not. Presumably, DEP believes most rules do not fall into the exceptions.

Experience teaches that giving permitting agencies this kind of highly discretionary, easily manipulated power results in arbitrary, politically-driven decisions that are bad for the environment and unfair to the public. Given the breadth of the waiver justifications, it will be extremely difficult for environmental advocates to challenge waiver actions in the courts, which in New Jersey are traditionally very deferential to DEP.

DEP is supposed to promulgate rules to meet its statutory obligations and to satisfy its core missions of protecting the air, waters, land, and natural and historic resources of the State for the public good. The proposed waiver rule is in direct conflict with these Department requirements and should not be adopted for the following reasons:

- **The waiver rule proposal does not have statutory authority.** DEP cannot adopt a regulation unless the rule is authorized by a statute. The rule proposal lists more than one hundred statutes as its "Authority," but fails to cite any specific statutory provision in any one of these statutes as authorizing a generic waiver provision, either within each listed statute or for all environmental standards. This inability to cite an actual authority for a generic waiver provision is not surprising: there is no such statutory authority.
- **The waiver rule conflicts with existing statutes.** The environmental statutes that govern in New Jersey were created by the legislature, and each provides for specific circumstances if and when waivers may be granted. Some statutes have explicit waiver standards for specific requirements, while others do not permit waivers at all. A generic waiver rule violates these restrictions built into each statute.
- **The waiver rule is unconstitution-**

ally vague and discretionary. The rule proposal provides no objective or numeric standards for measuring undue burden, net environmental benefit, or conflict of regulations. The rule also does not define which regulations it applies to. As a result, it is impossible for the public or applicants to know how the rule applies and when an applicant does or does not meet the standards. In practice, this means its application will be highly discretionary, arbitrary, and driven by political and financial forces rather than science and statutory requirements.

- **The rule subordinates environmental laws to other laws.** By allowing waivers whenever DEP concludes there is a conflict with other, non-environmental laws, the rule relegates environmental protections to second class laws. The rule gives no basis for this down-grading of environmental protections, nor does it limit the kind and importance of other laws that would be allowed to override environmental protections.
- **The waiver rule proposal does not provide for public input.** The waiver decisions are made after the public has submitted comments on permit applications and do not provide for public comments on the waiver applications.
- **Mitigation is bad policy.** There are a few environmental laws that authorize mitigation – that is, creating or fixing a natural resource somewhere else so the applicant can destroy that resource on its own site. There is no basis for believing mitigation as a policy works to achieve equal or better environmental protection. There are many cases where it is clear mitigation failed to achieve its stated purpose. In practice, mitigation is almost always just an extra fee placed on developers and polluters in order to excuse violations of basic environmental protections.
- **The waiver rule proposal is in direct conflict with the DEP's core mission.** According to Governor Christie's Executive Order No. 2, an agency can only waive the strict com-

pliance with a regulation if the waiver would not be inconsistent with the core missions of the agency. How can DEP support its core missions while granting waivers to applicants that contend the costs for strict application are "unduly burdensome"?

PPA submitted comments to the DEP on May 6th, which was the last day for public comments. Hopefully in reading the public's comments, DEP will realize that its proposed discretionary waiver of environmental laws is unacceptable and unlawful.

More information can be found on our website: www.pinelandsalliance.org/downloads/pinelandsalliance_587.pdf

FAIRS & FESTIVALS

June 11

Bordentown City Green Fair

Carslake Community Center, 207 Crosswicks Street, Bordentown City

June 25

Whitesbog Blueberry Festival

Whitesbog Village, Browns Mills

July 20 - 23

Burlington County Farm Fair

Burlington County Fairgrounds, Rt. 206, Springfield Twp.

August 20

New Jersey Friends of Clearwater 36th Annual Festival

Sunset Park, Asbury Park

Stop by the PPA table at these events!

PPA MEMBERandum: Dan Rappoport

Dan Rappoport is a resident of Princeton Township and a long-time volunteer for PPA. Dan is an avid bicyclist, and has organized and led our annual Tour de Pines 5-day bicycle tour of the Pinelands since its inception in 2004.

PPA: How long have you been a member of PPA?

Dan Rappoport: I have been a PPA member since 2000, and I attended the PPA Volunteer Orientation in 2001.



Dan Rappoport, center, leading the first day's ride of the 2009 Tour de Pines

PPA: What prompted you to become a member?

DR: From the time of the construction of I-287 through Morristown, I have been interested in land use planning. When I first came in contact with PPA, I knew that the area had to be protected from development which results in negative externalities for plants and animals as well as residents. I wanted to donate to our cause rather than another cause because the Pinelands is a larger area of open space, and it is closer to many more people than other open spaces in New Jersey. The Pinelands lies entirely within the state I have called home for almost my entire life.

My first exposure to PPA: To cel-

brate Pinelands Month in October, I joined a few other volunteers to pedal 100 miles in a day from Pemberton to Waretown by way of Colts Neck. We then pedaled on Rt. 9 from Toms River to Waretown during rush hour, and lived to tell about it! If you're crazy enough to pedal on Rt. 9 during rush hour for the advancement of a cause, then, by golly, you need to support that cause any way you can.

PPA: What PPA programs or events have you attended?

DR: I have attended many PPA presentations that focused on land use and the culture of the Pinelands. I have also attended several Pine Barrens Hall of Fame banquets and other PPA member events.

PPA: What specific PPA activity has really impressed you?

DR: The advocacy efforts of PPA to promote sound land use planning decisions. Also, the publication of the annual *State of the Pinelands Report* and the regular newsletters.

PPA: What has PPA done for you? your family? your town?

DR: PPA has expanded my circle of acquaintances, and allowed me to feel at home in a community where I can converse with others about development, land use and Jerseyana.

PPA: Why would you urge others to join PPA?

DR: I would urge others to do whatever you can to support this organization whose mission is to

preserve the largest open space between Portland, ME and Richmond, VA. Advocacy, volunteering and membership support are all important to PPA.

PINELANDS COMMISSION MEETINGS

Thurs., June 10, 9:30am

Friday, July 8, 9:30am

OPEN TO THE PUBLIC

CALL (609) 894-7300

FOR DETAILS

WHITESBOG BLUEBERRY FESTIVAL

SATURDAY, JUNE 25

10:00AM - 4:00PM

HISTORIC WHITESBOG VILLAGE, RT. 530 BROWNS MILLS

CELEBRATE ALL THINGS BLUEBERRY AT THIS OLD-FASHIONED FESTIVAL. GREAT FAMILY FUN - BLUEBERRY PICKING, HISTORICAL PRESENTATIONS AND TOURS, ARTS AND COUNTRY CRAFTS, MUSIC, FOOD AND LOTS MORE.

VISIT THE PPA BOOTH TO BROWSE OUR MERCHANDISE AND RECEIVE UPDATES ON CURRENT ISSUES.

BOARD OF TRUSTEES

Hon. Brendan Byrne
*Honorary Chair
Former Governor,
State of New Jersey*

Howard P. Boyd
*Trustee Emeritus
Pinelands Author*

Richard J. Sullivan
Trustee Emeritus

David F. Moore
Chair

Leon M. Rosenson, Ph.D.
*Vice Chair
Retired, Liposome Company*

Robert Tucker, Ph.D.
*Treasurer
Retired Scientist*

Anne E. Heasley
*Secretary
Conservation Consultant*

Timothy J. Byrne
Attorney

Charles M. Chapin
Upper Raritan Watershed Association

Emile DeVito, Ph.D.
New Jersey Conservation Foundation

John Dighton, Ph.D.
Director, Rutgers Pinelands Field Station

Michael Gallaway
Sierra Club

Janet Jackson-Gould
Nonprofit Consultant

Thomas B. Harvey
Attorney

Don Kirchhoffer

Blanche Krubner
League of Women Voters

Loretta Pickus
*Attorney, Former Vice President of Legal Affairs,
Trump Entertainment Resorts*

Jessica Rittler Sanchez, Ph.D.
Water Resource Planner

Harry Shallcross, Ph.D.
Health and Human Services Consultant

Kevin Sparkman
Fusionspark Media

Richard Turner

Nan Hunter-Walnut
Pine Barrens Coalition

Angela Wenger
New Jersey Academy of Aquatic Sciences

Carleton K. Montgomery
Executive Director, Pinelands Preservation Alliance

Pinelands Calendar of Events

June & July 2011

NOTE: Names, addresses, and phone numbers are provided here for frequently mentioned event sponsors. Please contact the sponsor of the event for full information and details of the event.

Jacques Cousteau National Estuarine Research Reserve (JCNERR) (609) 812-0649, www.jcnerr.org

Pinelands Preservation Alliance (PPA) 17 Pemberton Rd., Southampton. (609) 859-8860. www.pinelandsalliance.org. 10% discount to PPA members. Pre-registration required for all PPA programs.

Ocean County Parks (OCP), 1-877-OCPARKS ext. 5940, lobry@co.ocean.nj.us

Outdoor Club of South Jersey (OCSJ), www.ocsj.org

Sierra Club-West Jersey Chapter (SC), http://mysite.verizon.net/vzev1ujt/

Whitesbog Preservation Trust (W). All events meet at the Whitesbog General Store. Historic Whitesbog, mile marker 13, Rt. 530, Pemberton Township. (609) 893-4646, www.whitesbog.org.

Saturday, June 4

Whitesbog Village Tour

1 PM \$5/person. Stroll the Historic Village, learn about Whitesbog's role in history and visit Suningive, Elizabeth White's historic home, the worker's cottages and other buildings that speak to Whitesbog's heritage. **W**.

Monday, June 13

Carnivorous Plants of the Pine Barrens Van Tour

Visit Rare Find Nursery to see how these meat-eating plants are propagated and then visit the private collection of carnivorous plants in the "largest above-ground bog in North America". Registration required. 8:30am - 3:30pm \$14/ person. Pick up at parking lot at Wells Mills County Park. Register: 1-877-OCPARKS x 5940, lobry@co.ocean.nj.us **OCP**.

Saturday, June 18

Lotus Blossom Hunt on the Great Egg Harbor River Paddle

2pm, Weymouth Furnace Park. Meet at Weymouth Furnace Park.

Paddle to the Lake to Lolly-gag. No time clock punchers, please. Leader: Vicki S. 856-256-9568 or ravingwriter@gmail.com. Sponsored by the Outdoor Club of South Jersey. More Information: Vicki | 856-256-9568. **OSCSJ**.

Sunday, June 19

Canoe/Kayak Cedar Creek on Father's Day (Ocean Co)

9am. Sarah Summerville, director of the Unexpected Wildlife Refuge, will join us on this trip and teach us about NJ's beloved beavers. We're paddling 7 miles from Ore Pond to Dudley Park. Meet at Double Trouble Park Headquarters. Rentals are available from Triple "T" Canoes 732-349-9510 Contact leaders to confirm trip and participation. Sponsored by the West Jersey Group-Sierra Club. More Information: George & Leona | 609-259-3734. **SC**.

Saturday, June 25

Sunset Salt Marsh Paddle

6:00pm. Join us for the magic as nature comes to rest at the end of the day and prepares for the peace of the evening. Sunset on the salt marsh is always a unique experience. Trip will leave from either English Creek Marina or Jeffers Landing. Bring liquids and munchies, and waterproof binoculars for viewing the wild life. Contact leader for registration. Leader: Paul Serdiuk 609-462-3593 or pis1@cccnj.net. **OCSJ**.

Whitesbog Blueberry Festival

10 AM-4 PM \$8/carload, Celebrate all things blueberry at this old-fashioned festival. Great family fun - blueberry picking, historical presentations and tours, arts and country crafts, music, food and lots more. **W**.

Sunday, June 26

Canoe/Kayak Toms River

9am. Follow the route of the Annual Toms River Canoe Race without the competition. Ten miles of changing scenery and river conditions from park and forest to open bay and river. Contact leaders to confirm participation. We will meet at Friendly's on Rt. 37, just past mile post 4, on the East bound side. Come early and join us for breakfast. Bring six quarters for the parking meter at

the take out. Joe Logan, 609-634-1542, or mayandpops@aol.com. **OCSJ**.

Hammonton's Red, White & Blueberry Festival

Festival featuring food and craft vendors. Hammonton. Contact: msamanic@HammontonNJ.us

Monday, July 4

Fourth of July on the Maurice River

10am. Meet at Garden Road, south side, we paddle to & across Union Lake thru the less populated stretch looking for shady spots. Pack lunch and hydration; also bug and sun protection. Be prepared to go for ice cream after. Leader: Vicki S. 856-256-9568 or ravingwriter@gmail.com. **OCSJ**.

Saturday, July 9

Whitesbog Village Tour

1 PM \$5/person. Stroll the Historic Village, learn about Whitesbog's role in history and visit Suningive, Elizabeth White's historic home, the worker's cottages and other buildings that speak to Whitesbog's heritage. **W**.

Sunday, July 10

Blueberry Tasting

1 PM \$5 donation/person, reservations required. Learn all about Whitesbog's role in blueberry cultivation from Mark Ehlenfeldt, WPT President and Blueberry Geneticist with the UDSA. Sample unique and hard to find varieties, participate in a blueberry bakeoff or sign on as a judge. **W**.

Saturday, July 16

Moonlight Walk at Whitesbog

7 PM. Reservations requested. \$5/person. Listen to the night sounds of the Pines, learn about Whitesbog and experience the seasonal changes of the Pinelands. All walks are 3-5 miles in length, weather permitting and led by experienced leaders. **W**.

If your organization is having an activity you would like to see listed, contact Inside the Pinelands, 17 Pemberton Road, Southampton, NJ 08088; ph: (609) 859-8860; e-mail mikeh@pinelandsalliance.org. Next deadline: June 15, 2011.

Go to the Events Calendar on PPA's website for a comprehensive listing of events.



Pinelands Preservation Alliance

Bishop Farmstead
17 Pemberton Road
Southampton, NJ 08088

Address Service Requested

Nonprofit Organization
U.S. Postage
PAID
Permit #12
Vincentown, NJ 08088

Inside:

- PPA Summer/Fall Programs - p. 2
- Frogs, Fungus and the Pines - p. 3
- Little World Inside Pitcher Plants - p. 4
- PPA Fairs & Fests Schedule- p. 5
- PPA MEMBERandum - p. 6
- Pinelands Calendar of Events - p. 7

CLICK: www.pinelandsalliance.org

CALL: (609) 859-8860

FOLLOW: www.facebook.com/Pinelands



SCAN: Scan this code to get to PPA's website



This code can be scanned and read by a Smart Phone using a QR Code Reader app available from iTunes or Android web stores

Name: _____

Address: _____

City: _____ County: _____ State: _____ Zip: _____

Phone (Day): _____ (Evening): _____

E-Mail: _____ Referred by: _____

Check enclosed payable to PPA

Mastercard Visa Discover

Card Number: _____ Exp. Date: _____ 3 Digit Security Code: _____

Signature of Card Holder: _____

Membership Categories

Basic \$35

Family \$60

Sponsor \$100

Patron \$250

Benefactor \$500

Chairman's Circle \$1,000

Other _____

ALL MEMBERS RECEIVE:

A PPA membership card
A year's subscription to Inside the Pinelands
A PPA window sticker
Discounts on PPA merchandise and events

A Sponsor will receive an *Exploring the Pine Barrens of New Jersey* map
A Patron will receive a copy of *The Pine Barrens: Up Close and Natural* DVD
A Benefactor will receive a Pinelands Botanical Print by Robin Jess
A member of the Chairman's Circle will receive a personalized tour of the Pinelands

Follow Pinelands
Preservation Alliance on
Facebook:
www.facebook.com/Pinelands

Please Recycle this newsletter! When finished give it to a friend or neighbor and encourage them to learn about PPA's mission and programs.