



PINELANDS
PRESERVATION
ALLIANCE

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INSIDE THE PINELANDS



The cranberry harvest adds a gorgeous splash of color to fall in the Pinelands. © Janet Alter

Cranberries in the Pinelands

by Rachel Grace, Membership & Communications Associate

Ah, autumn time in the Pine Barrens. The hours of sunlight we receive per day are decreasing and we are greeted with cool, brisk mornings and lower temperatures as we move into winter. We are also graced by nature's display of yellow, orange, and red leaves from the deciduous trees that make their home amongst the verdant green of the pines. Autumn time may also flood your mind with the memories and excitement of foods typically made from this season's harvest, like butternut squash soup, pumpkin pie, baked potatoes, and cranberry sauce. Let's take a deeper look into cranberries, sometimes known as the "rubies of the pines".

Cranberry, *Vaccinium macrocarpon*, is a perennial fruit native to New Jersey's Pine Barrens that grows on low-lying shrubs and vines. The cranberry is red in color and tart in flavor when ripe. These native fruits thrive in the Pine Barrens because the ecosystem has exactly what they need: acidic boggy soil, an adequate supply of water (thank you Kirkwood-Cohansey Aquifer), and a growing season of three months of winter weather to create the

conditions needed for flowers to bud in the springtime. The commercial production of cranberries relies heavily on clean water and the health of the wetlands ecosystem it exists in, as well as the surrounding woodland and proper management of the watershed.

Native Americans built a connection with the wild cranberries found in the Pine Barrens. They used cranberries as a source of food, a way to make dyes, and as an astringent medicine that could be used to help reduce bleeding from minor abrasions to the skin. One unique way that Native Americans consumed cranberries was by creating pemmican, a protein-rich meal made with dried venison, melted animal fat, and crushed cranberries. Pemmican served as a food source through the winters since it was preserved.

Fast forward to the mid-1800s when the first attempts to cultivate cranberries commercially were documented. Farmers tried to introduce cranberry vines into wild bogs, often with many failures that

Green Trading Post

December 3rd & 4th
12 noon to 4:00 pm

This holiday bazaar offers gifts from local crafters and nonprofits. Find gifts with special meaning this holiday season.

Location:

Pinelands Alliance
17 Pemberton Rd.
Southampton, NJ
08088

More Info:

PinelandsAlliance.org

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Give Us Your Best Shot!

Planning for our Annual Pinelands Juried Photo Exhibition is in full swing. Capture the mood of the Pines through the seasons and submit your best photographs between October 1, 2022 and January 30, 2023. The opening reception will be held March 25, 2023 and the exhibit will be on display to the public in our renovated barn.

The Pinelands Preservation Alliance launched its first Juried Photo Exhibition in 2017 to celebrate the natural beauty and rich cultural heritage of the Pinelands and to raise awareness of the need to preserve this unique ecosystem. Since then, over 1,800 photographs have been submitted through four exhibitions. By all accounts, each was a success with great participation from a large number of photographers—amateurs and professionals—as well as good reviews from the *Philadelphia Inquirer* and the local press.

Now is the perfect time to discover all that the Pinelands has to offer. Bring your camera or cell phone and capture an image that speaks to the region's splendor!

Photos must be taken within the boundaries of the New Jersey Pinelands and submitted under one or more of three categories: landscape; flora and fauna; and other. Send images depicting beautiful vistas, scenic rivers and streams, or amazing wildlife. Other images can represent Pinelands heritage and culture, from its architecture and small towns to its abundant recreational opportunities. Help us tell the story of the Pines through its scenery, people, and places. A map showing the Pinelands boundaries

and places to visit is available on the photo contest website or for purchase from our online store.

Photographs submitted for the exhibition will be selected by a talented and credentialed jury with final selections chosen by our judge, Robert Zurfluh. Awards, including cash prizes, will be announced at the reception on Saturday, March 25th, 2023. All selected photographs will be exhibited at the historic Bishop Farmstead in Southampton from March 27th through April 28th and all acceptable submitted photos will be displayed in our New Jersey Pinelands Online Gallery by April 15, 2023.

Visit PinelandsPhotoExhibit.org for deadlines, registration information and to download the prospectus.

Shop all things Pine Barrens

Gift Shop - Now Open!

This summer we moved our gift shop to a new location at our offices. The new gift shop and information center is wheelchair-accessible.

We are excited to welcome you to the new and improved Gift Shop!

Purchase books, maps, t-shirts, hats and more. Browse our collection of park, forest and trail guides. Learn about the Pine Barrens and how you can help protect it.

Gift Shop Hours can be found on our website www.PinelandsAlliance.org.

Can't stop by? Visit our online store and we will ship your purchase right to your door.

www.pinelandsalliance.org

Amendments Improve Water Protections

by *Jaelyn Rhoads, Assistant Executive Director* & *Heidi Yeh, Policy Director*

The Kirkwood-Cohansey (K-C) aquifer is the natural reservoir of water that feeds most habitat and development within the Pinelands. If we protect aboveground habitat, but fail to preserve the water that undergirds it, then the Pinelands will be drained of its lifeblood.

The Pinelands Commission has proposed amendments to the Comprehensive Management Plan (CMP) to clarify and strengthen protections of this communal resource. This is being done in response to the persistent petitions that groups such as PPA have made over the past decade, so we are happy to see these amendments move forward.

The Commission and its partners have taken steps to understand factors impacting water levels in the K-C aquifer, and its subsequent impacts on habitat and wildlife. In 2001, the NJ Legislature appropriated \$5.5M for the Commission to study the issue; since this time, 12 scientific studies have been completed that form the basis of understanding for the following proposed changes to the CMP:

1. A minimum water level must be maintained to sustain essential Pinelands habitat. In the NJ Department of Environmental Protection's (NJDEP) Water Supply Plan, the agency recommends withdrawing no more than 25% of this minimum volume, but the Commission proposes to restrict withdrawals further at just 20%. The Commission justifies this 5% difference as a buffer against climate change, as well as the fact that the Commission does not regulate withdrawals for agriculture/horticulture.

2. All water use in New Jersey is subject to the NJDEP permitting process, but withdrawals in the Pinelands receive additional scrutiny. The Commission proposes increasing the range of wells within the K-C aquifer that would require approval

based on their size (lowering the threshold from 100,000 gallons of water withdrawn per day to 50,000).

3. The Commission proposes a new paradigm for how water transfers can be calculated among the various subdivisions of the K-C aquifer. Although a single aquifer system is shared by most of the Pinelands, the land can be divided into two "basins" defined by which water body they flow into: the Atlantic Ocean or the Delaware Bay. The new rules would eliminate transfers of water between the two basins. These basins are further divided into different "HUC-11" areas defined by the US Geological Survey; the new rules would ensure that all existing withdrawals in a given HUC-11 would be considered when considering an application for a new withdrawal.

PPA supports all of these changes, but we are concerned about a few others as noted below:

Diversions of water for agricultural and horticultural uses continues to be exempt from these regulations. We believe that this categorization is overly broad, especially given the rise of new-technology operations within the agricultural and horticultural industries. Depending on how the Commission handles applications for cannabis cultivation facilities, these water-intensive horticulture operations may experience much growth in the near future. As the Pinelands approaches buildout, and sea level rise pushes development pressure inland, the Commission needs to be prepared for conflicting demands on the aquifer. We urge the Commission to remove horticulture use from exemption to strict compliance with these new regulations.

Developers will seek the most inexpensive and expedient option available, avoiding any of the additional planning time or costs that may be required to secure another water supply source. The parameters for what constitutes a lack of "viable

alternative water supply sources" remains too permissive. Specifically, the draft amendment offers "prohibitive cost" as an acceptable loophole. Allowing this rationale opens the door for applicants to justify overburdening the Kirkwood-Cohansey aquifer simply because it is cheaper and easier. This lack of clarity around what defines a "viable" alternative fails to match the efforts in other areas of the draft language which attempt to reduce ambiguity to best protect the aquifer. This loophole could seriously undermine the new regulations unless the language is made tighter and more objective.

Among wells that will not be subject to the new standards are replacements of wells with at least 50,000 gallons of water per day, provided that the new well is the same depth and pump capacity, is from the same aquifer, and is within 100 feet of the existing well. We recommend adding that the new well must also be within the same HUC-11 watershed, since placing the well in a different watershed may present a different ecological impact.

The Commission is accepting public comment on these amendments until November 5. Comments must include your name and mailing address. Submit comments by email to planning@pinelands.nj.gov, via fax at (609) 894-7330 or mail them to the Pinelands Commission office, P.O. Box 359, New Lisbon, New Jersey 08064 to the attention of Susan R. Grogan, Acting Executive Director.

The Commission will hold a virtual public hearing on October 12th at 9:30 AM. It will be broadcast live on the Pinelands Commission's YouTube channel. To comment during this hearing call (929) 205-6099 and use Meeting ID: 815 0448 8031. Questions? Contact Heidi Yeh, Policy Director by email at heidi@pinelandsalliance.org.

The Mullica River Fire and Its Role in the Ecosystem

By Carlos Martínez Rivera, Director of Conservation Science

June 2022 was “Abnormally Dry” in the Pine Barrens, receiving less than 4.00” for the month. When an illegal camp fire was left unattended on a back trail near the Mullica River on June 19, it quickly turned into a massive blaze that consumed close to 15,000 acres by some estimates (others say more like 13,500). The Mullica River Fire became a monster, one the largest fires in recent Pine Barrens’ history. But the quick action of the NJ Forest Fire Service and the tireless effort of the entire crew and countless volunteers meant that the fire was contained quickly and there was no loss of life and no loss of property or infrastructure.

Pinelands Adventures, our outdoor recreation program, was asked to stop operations and be on the ready to provide assistance with resources as needed and the fire was extinguished within a few days. Why was such a big fire not more dangerous or costly to human life? Part of the answer lies in the location. It was entirely located within a protected area where there are few roads and even fewer properties and buildings. This allowed fire crews to quickly set counter fires, a series of smaller, managed fires purposefully ignited, to reduce the fuel ahead of the big fire and which are drawn towards it. Once the counterfire meets up with the much bigger natural fire, the natural fire has no new fuel to burn and usually reduces its intensity, making it more manageable or dies on its own. This is only possible in an area free of development and that is managed to deal with fires.

Although this fire devastated huge tracts of forests, it was also a much-needed natural event. We all hear about the Pine Barrens being “fire adapted”, but what’s that mean?

The main tree in our forest is the pitch pine, which has serotinous cones that are tightly closed. They only open once extremely high temperatures are reached and release their winged seeds into the air. These seeds are carried away with the hot winds away from the fire. They are different from other pine trees by having epicormic shoots that grow straight from between the scorched tree bark low on the main trunk and branches, allowing the tree to quickly sprout needles that will produce food for the tree.

And just like pitch pines, many other plants have adapted to a life of fire, having deep roots, flowering early in the late winter/early spring, or having fruits through winter, thus avoiding losing their reproductive efforts due to fire. This makes the plant communities in the Pine Barrens members of an “elite club” that only allows fire-adapted members to join. Sounds unfair, but nothing in nature is fair. However once humans entered the picture and we settled and developed these lands, we transformed the landscape. We added fertilizers and lime to make the soils “less barren” brought in our shade trees and hardwood trees and also altered the normal ecological processes by suppressing fires because no one wants their house, farmland, or business destroyed by fire. Forest fires like the Mullica River fire, even if sparked by an irresponsible human, will help the forest get rid of some trees and shrubs that are not fire adapted and have made the Pine Barrens their home, giving an edge to our native plant species.

The animals living here are also adapted to fire, living in burrows or close to the wetland where temperatures don’t get so high. Some simply

fly away or flee the flames. Some animals, like pine snakes and corn snakes, need fire to clear the forest understory where they hunt and make their nests. Other animals, like many insects, benefit from the bonanza of new easy to digest plant growth that comes after a fire, which in turns help feed many birds and bats that were able to fly away from the fire. And just like with plants, fire helps the Pine Barrens get rid of pesky pests like the spotted lantern fly, which is not adapted to fire and whose nymphs can’t escape the flames of May and June. To learn more visit our website www.pinelandsalliance.org.

Call for Artists! Pinelands Juried Photography Exhibit

This photography exhibit will hang in our beautiful renovated barn. All entries will also be displayed in our NJ Pinelands Online Photo Gallery.

Photographs will be selected by a talented and credentialed jury with final selections chosen by our judge, Robert Zurfluh. Awards, including cash prizes, will be announced at the reception on March 25, 2023.

Deadline to enter

January 30, 2023

Exhibit Dates

March 27 to April 28, 2023

More information:

www.PinelandsPhotoExhibit.org
or call 609-859-8860.

*Proceeds benefit the Pinelands
Preservation Alliance.*

Cranberries

continued from cover

prevented the farmers from cultivating cranberries commercially. Luckily for cranberry farmers, George Cook, a New Jersey State Geologist and Professor of Chemistry at Rutgers University, discovered that swamp muck was the most beneficial fertilizer to use for cranberry production. Cook also documented that controlled flooding in the cranberry bogs was needed to prevent the vines from freezing in the winter and to remove detrimental insects during the springtime.

With the new growing insight, commercial cranberry production took off near Pemberton, NJ for James A. Fenwick and his son-in-law Joseph J. White, both cranberry farmers in a place now known as Whitesbog Village. During the early 1900s, Whitesbog Village was the largest cranberry farm in New Jersey. Thanks to White's efforts and research, the commercial cranberry industry was now aware that successful harvests could occur in the Pine Barrens, a place once considered too acidic for most agriculture.

White's oldest daughter, Elizabeth Coleman White, helped her father with the growing of cranberries but she is perhaps best known for her work with USDA scientist Dr. Fredrick Colville to cultivate another popular native fruit in the Pine Barrens, the blueberry. You can visit historic Whitesbog Village, located in Brendan Byrne State Forest, to hike and learn about the culture and history of cranberry and blueberry farming in New Jersey. Learn more at www.whitesbog.org.

Originally, cranberries were harvested by hand, requiring many workers and hours of hard physical labor. Next, large wooden scoops were used; now, the wet-picking method is the predominant way to harvest cranberries. The wet-picking method consists of flooding the

cranberry bogs and using a machine to remove berries from the vines so that they float to the surface. These cranberries are then collected and sent to a sorting house for cleaning and processing. Some cranberries are sold raw, and some are sent to production facilities to be created into cranberry products such as dried cranberries, sauce, jam, juices, and more! A fun fact about cranberry sauce is that it was created by Elizabeth Lee, a cranberry farmer based in New Jersey. Lee eventually joined forces with Marcus Urann, a Massachusetts cranberry farmer, to start the well-known Ocean Spray company, which consists of hundreds of cranberry growers.

Just like any form of agriculture, the environment can be negatively impacted by certain farming practices. Commercial cranberry farming, at least in New Jersey, typically involves the application of inorganic pesticides. Rutgers University's Philip E. Marucci Center for Blueberry and Cranberry Research works closely with farmers to minimize the use of pesticides in cranberry growing. In addition, while cranberries are a native plant, commercial cranberry bogs are "monocultures" of a single plant species with little or none of the biological diversity found in a natural wetland.

As you come across cranberries on your plate this season, or while out in the Pine Barrens, we hope that you take a moment to recognize all the history behind the "rubies of the pines". The Pine Barrens hold the unique habitat that cranberries need to thrive, and it is a spectacular sight to witness a sea of red amongst the green backdrop of the pines during harvest season.

GREEN TRADING POST

*December 3rd & 4th
12 noon to 4 pm*

Vendors as of September 26:

Clarence Fennimore
Decoy Carver

Paul Evans Pedersen Jr.
Pine Barrens Diamonds Jewelry

Pine Barrens Post
*Handmade, homegrown or
foraged in the Pines!*

Pinelands Adventures
Gift certificates and merchandise

**Pinelands Folk Music &
Basketry**
*Handmade baskets, mountain
dulcimers and candles*

Rancocas Creek Farm
2023 Farm Shares

Soapmaking A Mess
Locally handcrafted bar soap

Elayne and Pete Leighton
Honey & Crafts

Harry Silvers
Shaker Oval Boxes

**Woodford Cedar Run Wildlife
Refuge**

*Stickers, earrings, ornaments,
children's books and so much
more!*

Meet authors:
Richard Lewis, William Lewis,
Greg Vizzi & Katie Schulze-
Bahn

This event takes place in the barn
at our headquarters.

www.PinelandsAlliance.org

Nature Accessibility Project Continues

by Carleton Montgomery, Executive Director

Since 2021 we have been working with our partners to help people with disabilities overcome barriers that prevent easy and safe access to the exceptional natural areas found in the Pinelands National Reserve.

This project is funded by an Inclusive Healthy Communities Grant from the Division of Disability Services, New Jersey Department of Human Services and our members. In phase one we held town hall listening sessions and focus groups to learn about the challenges and solutions to making natural places in and around the Pinelands accessible. These conversations included individuals with a variety of physical and intellectual/developmental disabilities, caregivers, and professionals who work in the disability healthcare and services fields. See replays of the town halls on our website and take a survey to share your thoughts.

We summarized what we learned in a report that can be found on our website and is available in English and Spanish with print and audio versions.

One key outcome is a new website, AccessNatureNJ.org, that features an interactive map showing nature sites in the Pinelands with some degree of accessibility, like a wheelchair-accessible trail. The website is available via mobile, desktop and tablet and allows for user generated content so that the accessibility of natural areas can be kept up to date by the people who are using them. Let us know what you think and how you suggest we improve it.

We are excited for phase two of this project where we will be working with partner organizations to:

Create forums for people with disabilities and caregivers to be heard. We are listening and learning about the challenges people face and how we can work together to overcome those challenges. We will launch an Access Nature Forum and newsletter in late 2022.

Help state, local and nonprofit land managers create more accessible trails and improve facilities. For relatively little cost and with lots of volunteer help, we can upgrade many existing sand trails to make them more firm, flat and stable, and make other improvements.

Offer guided nature trips that are designed for everyone, including people with disabilities, through Pinelands Adventures. We are working with partners to design great trips, which we aim to start offering this fall. We are also testing all-terrain wheelchairs to lend to participants for use on these nature trips.

Promote the joys of nature in the Pinelands. We aim to use images, videos and testimonials to show people with disabilities, caregivers, land managers and the general public that everyone can explore the Pinelands if appropriate trails, facilities and programs are available. Share your pictures and experiences and let us use them to spread the word.

In addition to support from the State's Division of Disability Services, we are privileged to be working with a growing circle of terrific partners, including:

Disability Rights New Jersey (DRNJ) protects, advocates for and advances the rights of persons with disabilities in pursuit of a society in which persons with disabilities exercise self-determination and choice and are treated with dignity and respect.

Hopeworks is a social enterprise that uses technology, healing, and entrepreneurship to transform lives. Its unique trauma-informed approach, combined with high-demand, high-wage technical training and paid work experience helps young people get jobs and keep them.

Kingsway Learning Center and Services provides an alternative educational environment designed specifically for the academic,

therapeutic, social, and emotional development of students with multiple disabilities. Kingsway brings its clients to our Rancocas Creek Farm for workdays and will lead training sessions on serving people with disabilities as a partner in this project.

MOCEANS Center for Independent Living is a non-residential, consumer-controlled, community-based charitable organization that provides information, instruction and support for people living with disability, their families, friends and allies in the community. They promote public awareness and barrier-free access in the community while supporting individual choice, advancing the independent living philosophy, promoting the civil rights and inclusion of all people living with disabilities.

Pemberton Township in Burlington County owns and has management responsibility for the Pemberton Lake Preserve. PPA is working with Pemberton Township to maintain and improve the trail along the lake shore as a demonstration project in making existing sand trails more accessible. As part of the implementation of *The Pinelands Is for Everyone* initiative, Pemberton Township is dedicated to assisting with the new wheelchair-accessible trail construction, monitoring its use, and advertising its availability.

Rowan Integrated Special Needs (RISN) Center at Rowan University's School of Osteopathic Medicine, provides family-centered, continuous, comprehensive, coordinated, compassionate, and culturally-competent health care for adults with intellectual and developmental disabilities (IDD) and behavioral health issues. RISN will be an important participant in the Access Nature Forum and advisors on program and material development as a part of this project.

Learn more about this project on our website - www.pinelandsalliance.org.

Calendar of Events

Visit the Pinelands!

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Executive Director, Pinelands Preservation Alliance

Visit the Pinelands!

Now is a great time to explore the Pinelands. Here is a list of state parks and forest begging for you to visit. Make sure you check with each location before you visit.

Atlantic County

Estell Manor County Park

This is a large, user-friendly park where you can hike, bike, picnic, fish, go sightseeing, exercise, visit the park's nature center, and really enjoy the Pine Barrens. The Fox Nature Center provides programs for enjoying the outdoors as well as displays about the local ecology. With its location on tributaries to the Great Egg Harbor, the park provides an excellent point to launch all manner of water craft. Historic ruins in the park are well-explained in interpretive signs.

Burlington County

Bass River State Forest

Home to one of the first Civilian Conservation Corps (CCC) camps, Bass River State Forest now provides easily accessible camping, swimming and hiking facilities. In addition to a swimming beach on Lake Absegami, the State Forest has eight walking of 1 to 3.2 miles through typical Pine Barrens habitats. Bass River State Forest is located at 762 Stage Road, Tuckerton, NJ. This state forest is in Burlington and Ocean County.

Brendan Byrne State Forest

Brendan Byrnes State Forest is over 37,000 acres lovely trails that crisscross the forest and pass historic sites. A great place to visit is Pakim Pond. A beautiful small pond in the heart of the Pine Barrens, Pakim Pond is a wonderful place to explore forest and wetland habitats. A short trail wraps around the entire perimeter of the pond, and also connects to the Batona Trail. Accessible by paved road, the pond has a gazebo, picnic tables and grills, and restrooms. Another lovely spot is historic Whitesbog Village the historic site of a company town where the blueberry was first culti-

vated for commercial production by Elizabeth White. The village, now incorporated within Brendan T. Byrne State Forest, includes historic buildings and houses, cranberry bogs, blueberry fields, reservoirs and surrounding woodlands. The village area is managed by the Whitesbog Preservation Trust, and JJ White Cranberry Company, owned by the descendants of Elizabeth White, cultivates some of the cranberry bogs at the edge of the village.

Wharton State Forest

Wharton State Forest is New Jersey's largest state forest at 125,000 acres. There are many trails, roads and historic places to visit. A great place to start is historic Batsto Village. Batsto is one of the most popular stops in the Pinelands. Originally founded as an ironworks in 1766, a restored village surrounds the original ironworks with information and displays on site to show how things were done "in the old days". The mill dam in the heart of the village creates Batsto Lake, a beautiful lake on which most Batsto River canoe and kayak trips end. The mansion is restored and open for tours, and the village includes a nature center, saw mill, general store and other early buildings. Batsto's Visitor Center is also the main office for Wharton State Forest, where camping permits, trail maps, and a gift shop can be found.

Ocean County

Double Trouble Village in Double Trouble State Forest

Double Trouble is the site of an old village dedicated to cranberry farming. Many of the historic buildings, including the cranberry packing house and the sawmill are intact and can be toured. Cedar Creek runs next to the village and is one of the Pine Barrens' most beautiful. The State Forest contains excellent hiking trails.

Edwin B. Forsythe National Wildlife Refuge

The Forsythe Refuge includes more than 47,000 acres of southern New Jersey coastal habitats and represents the fragile estuary ecosystems

which are sustained by fresh water flowing from the interior Pine Barrens forests into the coastal marshes and bays. Located on one of the Atlantic Flyway's most active flight paths, the Refuge provides world-class birding opportunities. The Refuge includes walking trails through rare coastal pine forest habitats. Start at the Visitor Center and Wildlife Drive on Great Creek Road in Galloway Township.

Pinelands Commission Meeting

11/10, & 12/9 starting at 9:30 am. Monthly meetings are open to the public and are held via livestream on YouTube.

The Pinelands Commission is the state agency that oversees conservation and development within the Pinelands. They meet on the 2nd Friday of the month. You can attend in person or virtually. Meeting agendas, link to livestream and a phone number to call can be found at www.nj.gov/pinelands.

Green Trading Post

Dec. 3 & 4 from noon to 4 PM. Location: PPA, 17 Pemberton Rd., Southampton NJ 08088

This holiday bazaar offers gifts from local crafters and non-profits. Find gifts with special meaning this holiday season. Takes place in our renovated barn. More information here: www.pinelandsalliance.org

Shop our Online Store for books, apparel, maps and more!

Our online store is always open! Purchase books, maps, t-shirts and hats. Items are shipped to you or your loved one or you can arrange a curbside pickup at our offices. Find the store here:

www.pinelandsalliance.org

Do you have an event that takes place in the Pinelands?

Let us know so we can put it on our calendar. And make sure to check out our online calendar for tons of events and programs!

Email:
rachel@pinelandsalliance.org



Pinelands Preservation Alliance
 Bishop Farmstead
 17 Pemberton Road
 Southampton, NJ 08088

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 CALL: (609) 859-8860
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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	<input type="checkbox"/> \$35
Family	<input type="checkbox"/> \$60
Sponsor	<input type="checkbox"/> \$100
Patron	<input type="checkbox"/> \$250
Benefactor	<input type="checkbox"/> \$500
Chairman's Circle	<input type="checkbox"/> \$1,000
Other	<input type="checkbox"/> _____

ALL MEMBERS RECEIVE:

- ◆ Pinelands Adventures Map (1st time only)
- ◆ Year-long subscription to Inside the Pinelands
- ◆ Annual State of the Pinelands Report
- ◆ 10% off at Pinelands Adventures and on PPA merchandise

Sponsors receive a copy of *The Pine Barrens: Up Close & Natural* DVD
 Patrons receive John McPhee's seminal book *The Pine Barrens*
 Benefactors receive *The Pine Barrens of New Jersey*, a photographic history of this region
 Chairman's Circle members receive a personalized tour of the Pinelands

Our mission is to protect and preserve the natural and cultural resources of New Jersey's Pinelands.