Big Heart of the Pine Barrens: The Franklin Parker Preserve expands to 11,379 acres.

Save the Habitat: Endangered animals spotted along the route of a proposed natural gas pipeline.

99-year-old Map Preserved: Historical geology maps of Central and Northern New Jersey donated for preservation.

Just as a picture is worth a thousand words, maps tell the story of why a particular piece of land should be protected forever.
We protect strategic lands through acquisition and stewardship, promote strong land use policies, and forge partnerships to achieve conservation goals. Since 1960, we have worked to protect the state’s farmland, forests, parks, wetlands, water resources and special places.

For membership information, please visit our website at www.njconservation.org or call us at 1-888-LANDSAVE. Our mailing address is 170 Longview Road, Far Hills, NJ 07931.

New Jersey Conservation Foundation is an accredited private, non-profit organization whose mission is to preserve land and natural resources throughout New Jersey for the benefit of all.

We’re mapping a course for land preservation

If a picture’s worth a thousand words, a good map using today’s technology is worth a million words! Maps are essential tools and are used every day in the work of preserving land.

Maps help identify properties that connect existing preserved lands. Maps give us critical information about the land, such as the animals and plants that live there. Maps help answer questions. Where are the streams and wetlands? What is the soil like? Is the land flat or steeply sloped? And maps help prioritize which lands are the most important to save.

This fall, we’re especially excited to be part of a team rolling out “Conservation Blueprint,” a new geographic information systems (GIS) tool that provides detailed information on every acre throughout New Jersey. Check out pages 4-7 to learn about “Conservation Blueprint,” how you can use it online, and its roots in two previous New Jersey Conservation Foundation mapping projects, Garden State Greenways and the New Jersey “greenprint.”

You’ll also read about a family who generously donated two historic maps to NJ Conservation, and the successful culmination of a decades-long project to preserve nearly 2,400 acres in the heart of the Pine Barrens.

As the holiday season approaches, I want to thank you for your generosity over the past year. With your help, we’ve preserved more than 2,650 acres of open space and farmland as of October 31, with more to come by year’s end. We can’t do it without you!

Best wishes to you and your family for a happy and healthy 2017!

Michele S. Byers

From Our Executive Director

Michele S. Byers

Mapping a course for land preservation

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Three Salem County farms totaling 168 acres were permanently preserved by New Jersey Conservation Foundation and its partners this spring and summer.

Above, the Chard family farm breeds Brown Swiss dairy cows, which produce a rich milk ideal for cheese-making.

At right, the Doak property was preserved to help a local farmer expand his agricultural operation by buying adjacent land.
MAPPING A GREENER NEW JERSEY
About a third of New Jersey is developed, with another third permanently preserved as open space and farmland. The rest, about two million acres, is up for grabs.

How do we know which of the remaining two million acres should be preserved? How do we evaluate thousands of parcels to determine their role in protecting drinking water, growing food, providing recreation and safeguarding wildlife habitat?

Part of the answer lies in the power of maps. Maps are great conservation tools. Just as a picture is worth a thousand words, a map can tell many stories about land, its features, values and benefits.

“Today’s high-tech mapping systems put a huge amount of information at our fingertips,” said Tanya Nolte, New Jersey Conservation Foundation’s mapping manager. “Whether you’re looking for land near existing parks and trails, or want to find out which land in your town has great soils for farming or special habitats, you can do it quickly and easily.”

Maps have been invaluable to New Jersey Conservation Foundation, whose work since 1960 has led to the permanent preservation of over 125,000 acres.

More than 25 years ago, former executive director David Moore envisioned a New Jersey “greenprint.” His idea was to map every part of New Jersey to depict lands already preserved and lands that should be given top priority for preservation.

The initial result of Dave’s “greenprint” vision was a collection of maps with transparent plastic overlays. The mylar “layers” showed forests, wetlands, grasslands, agricultural soils, parks and open space, and other natural and man-made features. The greenprint vision showed “hubs,” or big concentrations of preserved land, and green corridors that could connect them.

With the onset of the digital era and geographic information systems, or GIS, widespread sharing of information became possible for the first time. The printed overlay maps evolved into Garden State Greenways, a dynamic online tool developed in 2001 in partnership with Rutgers University and the NJDEP Green Acres Program.

Since then, Garden State Greenways has been used by towns and counties across New Jersey in open space and farmland preservation plans.

For example, Garden State Greenways was consulted in the production of Camden County’s Open Space and Recreation Plan and Salem County’s Open Space and Farmland Preservation Plan. Garden State Greenways also provided a framework for land preservation that was adopted in many municipal open space plans, and was used as part of a ranking system for projects under the state farmland preservation and open space programs.

A Future Vision

“Imagine a New Jersey where every resident can walk out his or her front door and access an interconnected system of parks, trails and protected natural areas, farmland, and historic places,” said Laura Szwal, director of outreach and education. “That’s what Garden State Greenways is all about.”

continued on next page
Fifteen years after Garden State Greenways was developed, technological upgrades are making detailed information on virtually every acre in New Jersey even more usable and accessible.

New GIS mapping technology was rolled out this fall in the form of “Conservation Blueprint,” a cooperative project between NJ Conservation, The Nature Conservancy, Rowan University, William Penn Foundation and the state’s conservation community.

“This is a powerful planning tool, and it makes it easier than ever for New Jerseyans to develop a shared vision of the lands we need to protect,” said Laura.

“The Nature Conservancy has helped preserve more than 55,000 acres in New Jersey, but there is still a lot of high-quality habitat that is unprotected in the state,” said Bob Allen, Assistant State Director of The Nature Conservancy’s New Jersey chapter. “The longer we wait to conserve priority land and forest, the greater the risk that some of these areas – which safeguard our drinking water, clean our air, provide recreation and sustain wildlife – could be developed. So creating a smart protection plan now is really crucial.”

The timing couldn’t be better. In 2014, New Jersey voters approved a constitutional amendment to provide dedicated, sustainable funding for open space, farmland and historic preservation. Earlier this year, Governor Christie signed legislation releasing that funding.

With the new Conservation Blueprint mapping system in place, New Jersey has the power to take a more coordinated, strategic approach to identify and preserve the best of the Garden State.
The Garden State Greenways maps above show the progress made in permanently preserving land in the Black River Greenway of Somerset and Hunterdon counties. The top map from 2004 shows farmland and natural areas before land was preserved. The lower map shows, in the darker green color, land that is now permanently preserved. Notice the preserved parcels filling in along the arrows, forming new connections.
Conservation Blueprint, launched this fall, is a digital mapping project developed by New Jersey Conservation Foundation, The Nature Conservancy’s New Jersey chapter and Rowan University, with funding from the William Penn Foundation.

It’s the most comprehensive conservation prioritization mapping ever undertaken in New Jersey, combining a wealth of data from state and federal agencies and New Jersey’s nonprofit land trusts.

“It’s a tool for motivating and inspiring conservation groups to work together to protect the most important natural areas,” explained Laura Szwak, New Jersey Conservation Foundation’s director of education and outreach.

“We have gems of nature here in New Jersey and we want to see them preserved so our grandchildren and great-grandchildren can enjoy them,” she added. “This tool will help us keep the best of nature in New Jersey forever.”

Conservation Blueprint was developed with the help of a large steering committee that included representatives of the New Jersey Green Acres Program, State Agriculture Development Committee, U.S. Department of Agriculture Natural Resources Conservation Service, and New Jersey’s land trust community.

“It was a broad group of people who helped develop Blueprint, and that’s why we think it’s going to be successful,” said Laura.


Topography map provided by Libre Map Project. Modified for design.
A Celebration of Dogs and Open Space

Over 400 members and friends attended the Field & Fashion event in May, which celebrated canines and open space while raising funds to support statewide land preservation efforts.

ABOVE, “Ringmaster” Patty Cronheim announced live auctions; dog show coordinator Linda Brennan gave an obedience demonstration with her dog, Heart. BELOW LEFT, Noah Crook hugs a plush puppy his parents won in the silent auction. BELOW RIGHT, the Essex Fox Hounds make an appearance before the dog show.
DOWNLOAD NJ CONSERVATION’S PRESERVE TRAIL MAPS

1. Visit our website at www.njconservation.org

2. Select “Visit Our Preserves” on the left side of the page, found under our logo.

3. Choose where you want to hike! Click the preserve name on the left or find a preserve near you by clicking on the map.

4. If the preserve you choose has hiking trails, click the “map” link near the top of the page. They will be found next to the small hiker icon.

5. Go exploring!
New Jersey Conservation Foundation and its partners permanently preserved more than 2,600 acres throughout the state from January 2016 through October 2016. These include preserved family farms that produce local foods, and natural areas that safeguard clean drinking water, provide wildlife habitat and offer scenic beauty and outdoor recreation.

THANK YOU TO ALL MEMBERS, VOLUNTEERS AND PARTNERS FOR HELPING TO PRESERVE THESE LANDS!

It’s easy to join New Jersey Conservation Foundation online – visit the website at www.njconservation.org/donate.htm
In February, we purchased 811 acres in Pemberton Township to create a new preserve, which will be dedicated in 2017. In May, we purchased 1,100 acres to expand the Franklin Parker Preserve in Woodland Township. The land purchases were the culmination of nearly 20 years of negotiations between New Jersey Conservation Foundation and the Zemel family. The Zemels bought the land in 1956 in anticipation of a Pine Barrens real estate boom, but the passage of the Pinelands Protection Act in 1980 restricted future development in the Preservation Area.

Chris Jage spent 16 years preserving land in the Pine Barrens for NJ Conservation. It took extreme perseverance working with the 13 heirs of the Zemel family to preserve the land. “The family member in charge lives in Israel, so I would have to set my alarm for 4:30 a.m. so I could talk to him during the morning in his time zone,” he recalled.

The Zemels finally agreed to sell, Chris said, after it became clear that the best use of the land was conservation.

The new preserve in Pemberton Township is surrounded by Brendan Byrne State Forest and includes pitch pine uplands, nearly two miles of the pristine Mount Misery Brook, and wetlands that served as an important fresh water resource for the earliest Pine Barrens inhabitants.

The Zemel parcels in Woodland Township expanded the Franklin Parker Preserve to 11,379 acres, or nearly 18 square miles. The preserve is named for the late Franklin Parker, the first chair of the state Pinelands Commission and a longtime New Jersey Conservation Foundation trustee and president.
The map above shows the locations of the Pine Barrens properties that were acquired in 2015 and 2016 from the Zemel family. The land purchases added nearly 1,600 acres to the Franklin Parker Preserve in Woodland Township, expanding it to 11,379 acres; and allowed for the creation of a new preserve in Pemberton Township. Opposite page, wetlands in the newly-acquired property in Pemberton Township.
Rare species maps show impact of proposed PennEast pipeline

Maps are essential conservation tools, used widely for a multitude of purposes.

Maps that identify rare species locations and habitat are being used to help stop the proposed PennEast natural gas pipeline through Hunterdon and Mercer counties. The pipeline would cross numerous streams, wetlands and preserved lands, causing tremendous damage.

In September, we submitted maps to the Federal Energy Regulatory Commission (FERC) showing the locations of rare animals – including red-headed woodpeckers, long-tailed salamanders, and northern copperhead snakes – along the PennEast route.

The maps are based on surveys of New Jersey’s endangered, threatened, and special concern animals conducted by our staff biologist, Dr. Emile DeVito, and a team of independent wildlife experts.

“We hope that in submitting these maps, we’ll have another reason – actually, dozens of reasons - why the PennEast pipeline should be rejected,” said DeVito.

DeVito’s team found 52 rare wildlife sightings, 39 vernal pools, and 24 distinct populations of 11 special concern and endangered plant species within the 400-foot study corridor for the proposed pipeline.

Habitats include at least seven high-quality, state designated “Category 1” streams with populations of the state-threatened long-tailed salamander, and five locations with probable occupation by the federally-endangered Indiana bat.

Northern copperhead snakes – a species of special concern known to be declining rapidly and headed for the threatened list – were found where their critical habitat would be crisscrossed by over four miles of pipeline. Nesting territories of red-headed woodpeckers and red-shouldered hawks, both state endangered species, would be damaged by construction of the pipeline.

According to DeVito, the rare species identified on the maps are just a sampling of the animals that would be impacted.

“We’re proper surveys conducted along the entire route, many additional rare species and locations would be discovered,” he wrote in a letter accompanying the maps. “The results already reveal that the proposed route would have significant and unavoidable impacts on a host of sensitive and protected species.”

If approved by FERC, the pipeline would extend 118 miles from Luzerne County, PA, to Mercer County, NJ. It would cross more than 4,300 acres of preserved open space and farmland in New Jersey, threatening significant natural and historic resources.

To learn more about the impacts of the PennEast pipeline – and the many reasons we think it should not go forward – visit the ReThink Energy NJ website at http://rethinkenergynj.org/learn-more/the-penneast-pipeline/
This map shows the potential impact of one section of pipeline on threatened, endangered and special concern animals.
Over 50 years ago, Marion Jones Kingsford Troussoff rescued two old maps she found rolled up in a window seat in her parent’s Bernardsville home.

She doesn’t remember exactly when she took them for safekeeping, but she remembers why: “I really like maps and I like geology,” said Mrs. Troussoff, who spent most of her life in Bernardsville and now lives in Petersboro, New Hampshire. The window seats were to be removed during a renovation, she recalled, and she didn’t want the maps to be thrown away.

Thanks to Mrs. Troussoff’s foresight, the 1917 geology map of the Chester-Pluckemin area and 1925 map of the Hamilton Farm estate in Somerset, Morris and Hunterdon counties are still in excellent condition. She recently donated them to New Jersey Conservation Foundation.

“We’re very grateful for Mrs. Troussoff’s gift,” said Michele S. Byers, executive director. “We love maps, use them every day in our land preservation work, and really appreciate the history and craftsmanship of these old maps.”

Mrs. Troussoff’s father was Catesby Jones, who served as mayor of Bernardsville in the post-World War II years. She speculated that he may have acquired the geology map because of an interest in soils – especially a swath of sedimentary soil in central New Jersey that was largely free of rocks. “In Bernardsville, you gardened between the rocks,” she noted.

In an interesting coincidence, the name “Kingsford” – the Bernardsville family she married into at age 19 – is listed on the 1917 map. Mrs. Troussoff’s father-in-law, Irving B. Kingsford, was Bernardsville’s mayor during the Depression years.

The map of Hamilton Farm shows the lands owned by James Cox Brady and adjacent properties. Mrs. Troussoff said copies of the map, which lists dozens of local landowners, seem to have been widely distributed by the Brady family.

Cynthia Kingsford Gilmore, Mrs. Troussoff’s daughter, said the two maps were rediscovered recently when the family was sorting through possessions.

“My mother loves maps, so it’s not surprising that she would save them,” said Cynthia. “She rescued them and insisted that we not get rid of them and find a home for them.”

Thank you to Marion Jones Kingsford Troussoff for donating the maps – we promise to take good care of them!
Marion Jones Kingsford Trousoff recently donated a 1925 map showing land ownership in the area where Somerset, Hunterdon and Morris counties meet. Today – thanks to decades of land preservation efforts – much of the region is now preserved for agriculture and open space.
New Jersey Conservation Foundation welcomes new members and gratefully acknowledges donors who made contributions between January 1, 2016 and August 31, 2016. With your support, we will work hard to preserve and protect New Jersey’s lands.

New Members
January 1 – August 31, 2016

- Patricia Vaughan
- Robert Walden
- Mary Wicker
- Brann Wry

$500 and Above Members
January 1 – August 31, 2016

- The 1772 Foundation, Inc.
- Acorn Foundation
- Mr. and Mrs. Phillip D. Allen
- Millicent Anisfield
- Edward and Cynthia Babbott
- Mary and Dick Benioff
- Chris and James Besanceney
- John and Rosanne Bornholdt
- Bristol Myers-Squibb Company
- Bunbury Fund at the Princeton Area Community Foundation
- Roger Byrom
- Mrs. Catherine A. M. Cavanaugh
- Ruth Charmet
- Jack and Ronnie Cinprich
- Dr. Richard H. Colby
- Rebecca Condit
- The Conservation Fund
- William D. deCamp, Jr.
- Barbara Delafield
- Linda Winsor Delap and Robert J. Delap
- Joanne Elliott
- Ms. Rachel J. Finkle and Mr. Sven Helmer
- Robert L. Foester
- Clare and Larry Fox
- The Fund for New Jersey
- Frederick and Gail W. Gardner
- The Geraldine R. Dodge Foundation
- Mr. and Mrs. David D. Gladfelter
- Sophie and Curtis Glovier
- Mr. Neil Grossman and Nancy Wolff
- Mr. Ashley Hammond
- Mr. and Mrs. Robert H. Harris
- The Merrill G. & Emila Hastings Foundation
- Michael E. Heenehan
- Environmental Consultant
- Holly R. Hegener and Jon Cummings
- The Hon. Rush D. Holt and Dr. Margaret Lancefield
- The Homestead Foundation, Inc.
- Peter W. Jewell
- JM Sorge, Inc.
- Johanette Wallenstein Institute
- Rosa Marie Johnson
- The Kirklng Foundation
- Sybil Kramer
- Mr. and Mrs. Samuel W. Lambert, III
- Land Trust Alliance
- Wendy Mage and Eric Monberg
- McEroy, Deutsch, Mulvaney & Carpenter, LLP
- Sally and David Mikkelson
- MKM Foundation
- Monmouth Conservation Foundation
- Morris County Park Commission
- Wilhelmina B. Moyer
- The Nature Conservancy
- Novartis Pharmaceuticals Corporation
- Nelson Obus and Eve Coulson
- Open Space Institute
- Tari Pantaleo
- Peapack-Gladstone Bank
- Edward Pfeiffer
- Pheasant Hill Foundation
- The William Penn Foundation
- Pinelands Preservation Alliance
- Kathyn A. and James M. Porter

Tributes
January 1 – August 31, 2016

- Candy Ashmun
- Barbara Belcher
- Emile DeVito
- Sierra Club-NJ Chapter
- Peter and Cynthia Kellogg
- Mr. B. Michael Pisani
- Fred and Laura Rhodes
- Maureen Ogden
- Mr. B. Michael Pisani
- Thomas and Liz Kelsey

Memorials
January 1 – August 31, 2016

- Stanley Blumenkrantz
- Shreve and Fred Bennett
- Fred Cochrane
- Susan Smith
- Lillie R. DeBovoise
- Catherine A. Cavanaugh
- Edward Cisler
- Sally C. Greenwood
- Raritan Headwaters Association
- Mrs. Elizabeth Raschbaum
- L. Keith and Lisa Reed
- Fred and Laura Rhodes
- Mr. Laurence S. Rockefeller, Jr.
- Bill Carmean and Nancy Ross
- Samantha Rothman and John Hankin
- Louis Sargent
- James and Sharon Schwarz
- Short Hills Garden Club
- The Sprocket Foundation
- Nancy Squier
- Stone Foundation of New Jersey
- Sumner Gerard Foundation
- Susan and Thompson Swayne
- The Thomas & Agnes Carvel Foundation
- Michael Dawson and Robert Tomaselli
- Adrienne Tyma and David Ackerman
- Vargo Associates Surveying
- Mr. and Mrs. John D. Wallace
- Kathleen Ward
- Margaret Warters
- Washington Crossing Audubon Society
- The Winslow Foundation
- Bob and Barbara Wolfe

BECOME A MEMBER TODAY.
Visit our website at www.njconservation.org/donate.htm
Welcome New Trustees

New Jersey Conservation is pleased to welcome Susan Swayne and Douglas H. Haynes to the Board of Trustees.

An enthusiastic gardener and conservationist, Susie credits Outward Bound and National Outdoor Leadership School courses with sparking her love of the outdoors. She has been a member of the Garden Club of Morristown since 1997, which led to board positions at the Willowwood Foundation and Friends for a Greener Bernardsville. A graduate of Ripon College in Wisconsin, Susie focuses her gardening efforts on plants that support pollinators such as monarch butterflies. She lives in Basking Ridge with her husband, Tom.

A resident of Basking Ridge, Doug is a real estate broker with over 35 years of experience, currently employed with Kienlen Lattman Sotheby’s International Realty in Bedminster. He and his wife Susan, an interior designer, frequently work together on real estate projects, providing design and transaction services. An enthusiastic outdoorsman and conservationist, Doug is a former co-chair of the New Jersey Advisory Council of the Trust for Public Land, a nonprofit organization that conserves land for parks and community gardens. He also enjoys playing ice hockey and assisting his two sons with their organic farm. He is a graduate of Connecticut College.

Welcome New Staff

New Jersey Conservation Foundation welcomes Angela Marie Tayco of Raritan as Development Associate, and Justin Dennis of Runnemede as Camden Land Steward.

Angela assists the Development Department with fundraising strategies, digital campaigns, and member outreach. She holds a B.S. in Communication Studies from Emerson College in Boston. Her passion for conservation grew while working with an international environmental organization in Tokyo, Japan. She has traveled all over Asia and Africa creating content for campaigns and reports, and is eager to apply her experience to her home state. A passionate environmentalist and humanitarian, Angela has explored the rustic areas of 13 countries, speaks four languages and enjoys searching for the world’s most unique and rare trees.

Justin works out of our Camden office, where he stewards NJ Conservation properties in the greater Camden area and helps facilitate public programming and outreach efforts. Prior to joining the staff, Justin interned in our stewardship program, managed invasive plant species in numerous state and national parks while working on the New York-New Jersey Trail Conference’s Invasive Strike Force, and was as an Enforcement Manager in the NJ Department of Environmental Protection’s Site Remediation Program. Justin holds a B.A. in Environmental Studies and Sustainability from Drew University, and enjoys hiking and attending live music concerts in his free time.
Join Our E-mail List
We'd like to have your e-mail address so we can keep you updated on New Jersey Conservation Foundation news, programs and events.
Please send your e-mail address to info@njconservation.org or call 1-888-LANDSAVE (1-888-526-3728).

JOIN US TODAY
To preserve land, water and wildlife for generations

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PRESERVE fertile and vital farms that grow fresh, local and healthy foods?

PROTECT the sources of your water supply?

CREATE and protect parks, preserves and green urban spaces?

CONSERVE forests and natural habitats for thriving native plants and diverse wildlife?

Become a member!
mail back the giving envelope (included inside)

Donate online at njconservation.com/donate.html