EDUCATIONAL PROGRAMS

Norman Bird Sanctuary is a leader in environmental education, providing innovative and thought provoking science programming for schools, community groups, adults and families. We continue to strive to find ways to share our extraordinary natural resources, science expertise and educational programming with children and adults from all walks of life. Programs include:

- Natural History Walks, Lectures & Workshops
- Field Trips and Outreach for schools
- After-school Programs

- Summer & Vacation Camps
- Scout Programs & Birthday Parties







Rhode Island is a small state with impressive natural environments including fields, forests, freshwater ponds, wetlands and seashore. Norman Bird Sanctuary encompasses all of these different habitats and is accessible for the public to enjoy, explore and discover the wonders of the natural world. The refuge has a long history of protecting and preserving critical habitats. NBS has developed a detailed plan to restore and preserve the native habitats on our site.



DISCOVER NORMAN BIRD SANCTUARY



A WILDLIFE REFUGE & EDUCATION CEI

MEMBERSHIP

Join Norman Bird Sanctuary and become our partner in education and conservation. Your membership dues directly fund our year-round efforts to provide innovative environmental education programs and promote environmental stewardship across the state. Membership benefits include the following:

245 ACRES OF FOREST

+ 20 ACRES OF MARSH

+ 50 ACRES OF GRASSLAND

+ 10 ACRES OF BEACH & DUNE

= 325 ACRES OF NORMAN BIRD SANCTUARY

- Free access to our trails
- Discounts from our "Birds of A Feather" partner businesses
- A 10% discount in our Barn Owl Shop
- Receive our bi-annual newsletter, The Flyer
- Special event invitations
- Discounted rates for our educational programs

To join or give family and friends the gift of membership, please pick up a membership envelope at the Welcome Center desk or visit our website.



JUST MINUTES FROM THE BEACHES AND DOWNTOWN NEWPORT

583 Third Beach Road • Middletown, RI 02842 401-846-2577 • info@normanbirdsanctuary.org www.normanbirdsanctuary.org



ABOUT NORMAN BIRD SANCTUARY

Norman Bird Sanctuary protects 325 acres of land encompassing a variety of ecosystems including ridges, forests, thickets, fields, ponds, streams, salt marsh and sandy beach. These environments, comprised of both native and non-native plant species, provide habitat for a rich diversity of life. While you are visiting, you are encouraged to observe nature, take photographs, sketch and paint, walk the trails and enjoy the quiet spaces of the Sanctuary.

PLEASE RESPECT THE FLORA AND FAUNA OF THIS BEAUTIFUL OPEN SPACE BY OBSERVING THE FOLLOWING RULES:

There is NO dog walking, smoking, jogging, bike riding, ball playing, motor vehicles, horses, kite flying, littering or collecting of any kind allowed on the refuge grounds.

OUR MISSION AND LEGACY

Norman Bird Sanctuary was established in 1949 at the bequest of Mabel Norman Cerio. The organization's mission, under the charge of her will, was to maintain 235 acres of land, a portion of her original Paradise Farm "for the propagation, preservation and protection of birds, and where birds and bird life may be observed, studied, taught, and enjoyed by lovers of nature and by the public generally so interested in a spirit of humanity and mercy."

Over the years, our mission has widened to encompass greater goals: to protect the diversity of native plant and animal habitats; to provide environmental education programs to a diverse audience, with respect to age, economic and social status, and physical ability; and to advocate for the preservation of open space.



MI DESCRIPTIONS

UNIVERSAL TRAIL - This trail is one of our many efforts to make nature accessible to all. A wide, even surface that connects to the majority of our trail system. This trail ends at Red Maple Pond where wildlife is abundant year round.

QUARRY TRAIL – This trail passes through open fields and forest including the Yew Forest, an interesting land feature remaining from a time when portions of the property were leased to local nurseries. NBS maintains the fields for grassland nesting birds such as Tree Swallows, Bobolinks and Sparrows. Find the old slate quarry that has become a pond. Listen for frogs calling and the trickling of the spring water that feeds the pond. Distance: .4 miles.

WOODCOCK TRAIL – A level, grassy trail through old field habitat, small clearings and forest stands of black cherry and black locust. Visit the old Gardiner family cemetery plot. Distance: .5 miles.

HANGING ROCK TRAIL – This rocky walk along the most eastern of the Sanctuary's three ridges provides excellent views of the ocean, Gardiner Pond to the south, the Sakonnet River arm of the Narragansett Bay to the east and St. Georges School to the west. Notice the area's unique rock form called "puddingstone" or Purgatory Conglomerate. The highest elevation of the rock trail is 70 feet. There is no access to the beach or road from this trail. Distance: 1 mile.



RED FOX TRAIL – This trail with lovely views passes over a stony ridge with oak, red cedar and hickory trees. Stone walls and small patches of grass remain from its past use as a pasture. Compare this ridge rock with the "puddingstone" or Purgatory Conglomerate. Notice that this ridge is made up of diabase, the only igneous rock at the Sanctuary. Distance: 1.2 miles

NELSON POND TRAIL – Walk this ridge trail along the east side of Nelson Pond. Views from the cliffs are ideal for bird watchers and photographers. Look to find the stone walls below the surface of the pond; evidence of the pastures of years past. This trail also passes a vernal pool, a seasonal pond where frogs and salamanders lay their eggs. Distance: 1.4 miles. GARDINER POND TRAIL - This trail parallels the Hanging Rock Trail below the rocky ridge and provides easy access up via a short staircase. Climb to the top and enjoy the view then continue to the end of Hanging Rock.

GRAY CRAIG TRAIL – This looped trail has a boardwalk and leads across Paradise Brook and through a marsh. Follow the loop up to the top of the ridge and back down. Distance: 1 mile.

WOODLAND TRAIL – This trail meanders through red maple and black gum woodland characteristic of wet areas of Aquidneck Island. Part of the trail follows the route of an old bridle path. Find the area known as Eagle Rock where NBS campers build forts and play hide and go seek. Distance: 1.1 miles.

VALLEY TRAIL – This dead end, shady, secluded trail, in between Hanging Rock and Red Fox Ridges passes through a mature forest community. See ash, oak, beech, maple, cherry, holly and ferns. This trail provides an alternate view of our ridges from below. Distance: 1.2 miles.



SHADY GLADE TRAIL – This shady trail dips between two rocky outcroppings and crosses over a picturesque woodland stream with a boardwalk and footbridge. Look for wetland plants and wildlife. Distance: .25 miles

INDIAN ROCK TRAIL – This connector trail passes over an outcropping of puddingstone. Find the veins of quartz that Native Americans used to make arrowheads. Distance: .1 miles.



THIRD BEACH PROPERTY – In 2003, with incredible support from the community, NBS acquired this 24-acre property. Until 1949, this parcel was part of Mabel Norman Cerio's Paradise Farm. It includes sandy beach, freshwater and saltwater marshes, dunes and a tidal stream. No beach parking is provided by NBS.

> **COASTAL EDUCATION CENTER** – The original Third Beach Clubhouse was built around 1950 and served as a beach club until NBS renovated the building into educational space in 2009.

> > PARADISE FARMHOUSE – The original structure on the NBS property was built around 1740. Our founder Mabel Norman Cerio lived there in the early 20th century. In 2008, the house and 129 acres were listed on the National Register of Historic Places. In 2013, renovation of the house was completed to create an eco-retreat center.



OINTS OF INTERE<mark>s</mark>

MABEL'S GARDEN adjoining the Paradise Farmhouse.

THE WILLIAM HOLLAND DRURY GARDEN commemorating the very dear friend of Mabel Norman Cerio.

THE GOOD GARDENS - an educational garden, high tunnel hoop house and compost facility includes several focal points, such as a "Three Sisters" Native American bed, a pollinator corner, and a central sensory herb and flower bed.

SHELL MIDDEN – This shell midden, or mound, contains various prehistoric shells and other evidence of human activity.

POETRY ROCK – John Stevens Shop in Newport wrote and carved this original poem for an exhibition in the 1970s. They donated the piece to NBS and placed the rock in an area that, at the time, was open fields.



TEDDY ROCK – This large chunk of puddingstone and accompanying plaque commemorate Edward Clark Sturtevant, a well-known and respected ornithologist, naturalist, and co-author of "Birds of Rhode

Island "

