



# The Singing Sands

June 2007 through August 2007  
Vol. 27 No. 2

## Mission of the National Park Service

The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations. The Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

## Mission of Indiana Dunes National Lakeshore

The mission of Indiana Dunes National Lakeshore is to preserve for the educational, inspirational, and recreational use of the public certain portions of the Indiana Dunes and other areas of scenic, scientific, and historic interest and recreational value in the state of Indiana.

## Contact Information

**PHONE**  
219-926-7561 x225 or  
1-800-959-9174

**ADDRESS**  
National Park Service  
1100 N. Mineral Springs Rd.  
Porter, IN 46304

**E-MAIL**  
indu\_communications@nps.gov

**WEBSITE**  
www.nps.gov/indu

**TO REPORT CRIMINAL OR SUSPICIOUS ACTIVITY CALL**  
1-800-PARKTIP (727-5847)

## In This Issue

page 2 **Protect Yourself**

page 3 **Public Programs**

page 4&5 **Public Programs**

page 6 **Education Programs**

page 7 **Partnerships**

page 8 **Park Map**

# Mount Baldy Moves



Mount Baldy buries trees on its southward march.

Bald can be beautiful! With very few plants growing on it, Mount Baldy has the desert look that most people associate with a sand dune. Because of this, generations of visitors have made Mount Baldy a "must-see" at Indiana Dunes.

In reality, Mount Baldy is the exception here. Unlike the desert, abundant rain allows plants to grow on these dunes—not that it is easy. Marram grass, also called dune grass, is one of the few plants that can survive on bare, wind-blown sand. This grass' roots can literally start to hold the dunes in place. As generations of Marram grass and other pioneer plants live and then die, soil begins to build and dunes are stopped in their tracks allowing other plants to move in. Most of Indiana's dunes now hide under a cover of black oak forest.

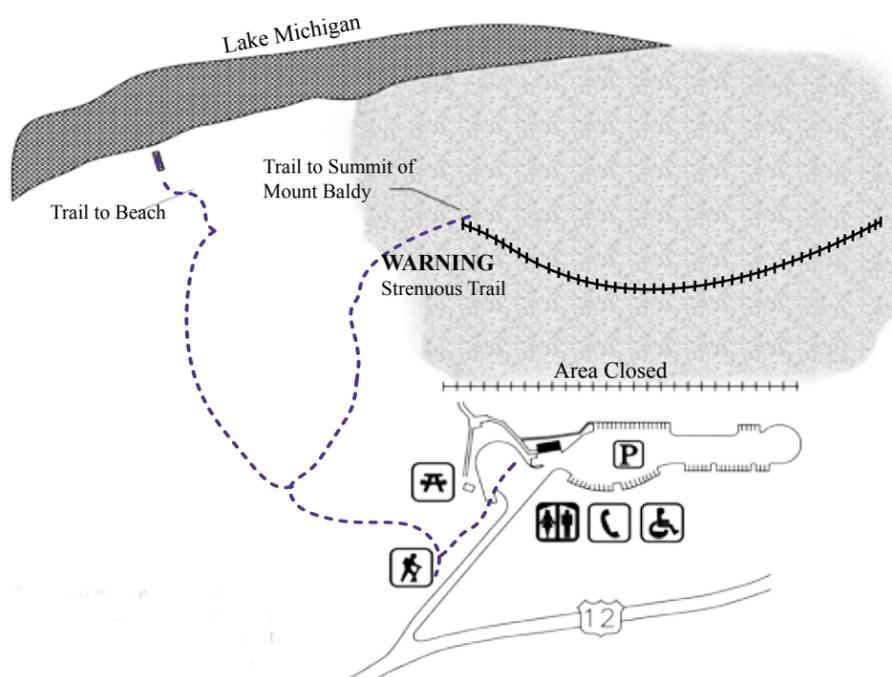
Baldy wasn't always bald. There is no doubt that Mount Baldy was once a forested dune. Even today, the dune's shifting sands will occasionally reveal a weathered stump from its long-lost forest. A painting of Michigan City from the 1850s clearly shows Mount Baldy as a stable dune covered with plants. However, aerial photos from the early 1900s reveal that Mount Baldy was then on the move as a blowout dune. Blowouts occur when some disturbance breaks through a stabilized dune's protective cover of plants. The wind then begins to sculpt out a larger and larger bowl-shaped depression that slowly marches inland covering everything in its path.

Exactly how the wind breached Mount Baldy's plant cover is unknown. Some scientists have speculated that massive sand blowing may have occurred due to steady drops in the level of Lake Michigan around the turn of the 20th century. Since then, greater shoreline erosion, caused by nearby harbor structures and hundreds of thousands of visitors' feet, have prevented Mount Baldy from regaining its plant cover.

Mount Baldy continues to move today. Throughout most of the park's history, the prevailing winds have moved the dune an average of about six to nine feet per year to the south. Alarming, sections of Mount Baldy's southern slope have recently begun to move faster. If this movement isn't slowed down, the dune threatens to overrun its own parking lot in as few as seven years.

You can help. Temporary fencing has been placed at the base and summit of Mount Baldy to close off the fastest moving portions of the dune. A new trail, starting about 100 yards west of the former one, takes visitors to either the beach or summit without further eroding Mount Baldy's southern slope. By respecting the fencing and using this new trail, everyone can help slow the southerly advance of Mount Baldy.

## Mount Baldy Trails



Total Length of Trails = .7

- Open Water
- Boardwalk/Steps
- Mount Baldy
- Trail
- Fence
- Parking
- Telephone
- Accessible Facility
- Restrooms
- Hiking
- Picnic Areas

1/8 mile

0

1/4 mi

# Protect Yourself

## INSECT BITES AND STINGS

Avoid diseases carried by biting pests by checking yourself for **ticks** after being outdoors. Use insect repellent and wear light colored, long-sleeved shirts, and tucked-in pants to help prevent both tick and **mosquito** bites. Limit outside activities at dusk and dawn when mosquitoes are most prevalent.

Beware of **yellow jackets** and other **stinging insects**. Avoid loose-fitting clothing and bright, flowered prints. Do not wear sandals; avoid wearing perfume, lotion, and hairspray. Never swat at a flying insect. Look for insects before you drink from open beverage cans. When eating outdoors, keep food covered. Insect repellents DO NOT work against stinging insects. Seek immediate medical attention if you are stung and have symptoms of a systemic allergic reaction. Systemic reactions include hives, swelling of the eyes, lips, tongue, throat or sting area, intense general itching, difficulty breathing, irregular heartbeat, nausea, and loss of consciousness.



A visitor uses insect repellent and wears a long sleeved shirt to help prevent tick and mosquito bites.

## HEAT ILLNESSES

Symptoms of **heat exhaustion** are exhaustion, nausea, dizziness, a rapid pulse, and pale and clammy skin. If the body is not cooled, a potentially fatal **heat stroke** may occur. This is a medical emergency and must be treated immediately. The onset of a heat stroke is marked by the absence of sweat and skin that is flushed and hot. To prevent these illnesses, take it easy on hot days, seek shade, drink lots of water, and dress lightly in layers.

- A gas station and convenience store is ¼ mile north of the campground.
- A South Shore Railroad station, with passenger service to Chicago and South Bend, is nearby.



## REGULATIONS

**Pets** are allowed on most trails, but they must be on a leash at all times. Pets are prohibited year-round on the Ly-co-ki-we (horse/ski) trail, Porter Beach, and West Beach. Pets are allowed year-round on the beaches from Kemil Beach east to Mount Baldy.

All **fishing** requires a valid state license and must be in accordance with state regulations. Contact the park or Indiana's Department of Natural Resources for more information. Smelt fishing also requires a Smelt Season Fire Permit. For information on obtaining a Smelt permit call the Ranger Station at 219-926-7561 x311.

**Horseback riding** is permitted only on the Ly-co-ki-we Trail between March 16 and December 14.

# Protect Your Park

**Walk only on designated trails** to prevent damage to park resources.

**Hike the dunes only on marked trails** to prevent dune erosion.

**Dispose of your litter** and recycled items in marked containers.

**Leave all natural and cultural items** as you find them to preserve the present and past. Collecting such items as shells, fossils, rocks, and wildflowers is prohibited.

**Respect all wildlife** from a safe distance. Never feed wild animals. Feeding wild animals is dangerous and harms their health and alters their natural behaviors.

**Avoid introducing or transporting non-native species.** For example, don't bring firewood to the park. Exotic insect pests that live in firewood can kill native trees. Burn all firewood; take no firewood home.

**Bicycles** are permitted on the Calumet Bike Trail, the West Beach Trail between Ogden Dunes and West Beach, and the Marquette Trail between West Beach and Grand Blvd. Bicycles are prohibited on all other park trails.

All **watercraft** are prohibited from all designated swimming areas. Designated swimming areas are identified by buoys from May 1 through September 30. Motorized watercraft are prohibited in Long Lake.

**Alcoholic beverages** are prohibited at the Dunewood Campground, West Beach, Porter Beach, and in all park buildings.

**Glass containers** are prohibited on all beaches.



# Enjoy Your Park

## PARK HOURS

Unless posted otherwise, all public parking areas are open from sunrise to sunset.

## DOROTHY BUELL MEMORIAL VISITOR CENTER

Open daily. Closed Thanksgiving, Christmas, and New Year's Day.

## Fun Activities at the Visitor Center

Activity Room

Mid-June through Mid-August  
Peak Visitor Hours

Exhibits, Junior Ranger  
Program, and Nature Games

## DUNEWOOD CAMPGROUND

Open daily. April 1 through October 31. \$15/day; fees are reduced 50% for Senior Pass/Golden Age and Access Pass/Golden Access card holders. Camping is on a first come/first serve basis.

## Facilities

- 53 conventional drive-in sites; 25 walk-in sites
- Restrooms and showers
- No electric or water hookups
- Accessible to visitors with mobility impairments
- No limit on recreational vehicle length

## Attractions/Services

- Lake Michigan is 1.5 miles north of the campground.
- Several beaches are within easy driving distance.

## Water Safety

**Drop-off**  
Do not step into places where you cannot see the lake's bottom.

**For more information check out the website at**  
<http://www.nps.gov/archive/indu/watersafety/index.htm>

**Rip Currents**  
Stay out of the water when there are high breaking waves. If caught in a rip current, swim parallel to the shore.

**Inflatables**  
Use inflatables only when the wind is blowing toward the shore.

**High Bacteria Counts**  
Do not go into the water when signs are posted.

**Items to bring to beach**  
Wear shoes, sunscreen, sunglasses, and a hat. Bring drinking water.

# Ranger-Guided Programs

DATE & TIME	PROGRAM	LOCATION
<b>Daily</b>		
Ongoing, 8:30 a.m.–6 p.m.	<i>Park Orientation Video (Child of the Northwest Wind)</i>	Dorothy Buell Visitor Center
8:30 p.m.–9:30 p.m. (June) 8 p.m.–9 p.m. (July) 7:30 p.m.–8:30 p.m. (August)	<i>Campfire Program (See bulletin boards for a variety of topics.)</i>	Dunewood Campground Amphitheater
<b>Sundays</b>		
9 a.m.–10:30 a.m.	<i>Trekking the Bog, (reservation only, 219-926-7561 x225)</i>	Pinhook Bog, meet at the Dorothy Buell Visitor Center
10 a.m.–noon	<i>Junior Rangers by the Lake</i>	Mount Baldy
1 p.m.–4 p.m.	<i>Open House at Bailly Homestead &amp; Chellberg Farm</i>	Bailly Homestead & Chellberg Farm
4 p.m.–5 p.m.	<i>Feeding Time at Chellberg Farm</i>	Chellberg Farm Barn
<b>Mondays - Thursdays</b>		
Peak beach hours	<i>Junior Rangers by the Lake</i>	West Beach or Mount Baldy
<b>Fridays</b>		
10 a.m.–noon	<i>Junior Rangers by the Lake</i>	West Beach
4 p.m.–5 p.m.	<i>Feeding Time at Chellberg Farm</i>	Chellberg Farm Barn
<b>Saturdays</b>		
9 a.m.–10:30 a.m. & 1:30 p.m.–3 p.m.	<i>Trekking the Bog (reservation only, 219-926-7561 x261)</i>	Pinhook Bog, meet at the Dorothy Buell Visitor Center
10 a.m.–noon & 1:30 p.m.–3:30 p.m.	<i>Junior Rangers by the Lake</i>	West Beach
4 p.m.–5 p.m.	<i>Feeding Time at Chellberg Farm</i>	Chellberg Farm Barn

## Special Events

DATE & TIME	PROGRAM	DESCRIPTION	LOCATION
Sunday, June 3 noon–3 p.m.	<i>Horsing Around Working the Fields</i>	Draft horses work the crop fields (weather permitting)	Chellberg Farm
Sunday, June 10 noon–3 p.m.	<i>Horsing Around Cultivating Sorghum</i>	Draft horses work the crop fields (weather permitting)	Chellberg Farm
Friday, June 15 7:30 p.m.–9 p.m.	<i>Music Heritage Series-Midsummer</i>	Swedish songs of romance and love on the eve of Midsummer festival	Calumet Dune Interpretive Center
Sunday, June 24 noon–4 p.m.	<i>Midsummer Celebration</i>	Celebration of the summer solstice with Scandinavian music and dance.	Chellberg Farm
Sunday, July 1 noon–3 p.m.	<i>Horsing Around Binding Spelt</i>	Draft horses work the crop fields (weather permitting)	Chellberg Farm
Sunday, July 8 noon–3 p.m.	<i>Horsing Around Binding Oats</i>	Draft horses work the crop fields (weather permitting)	Chellberg Farm
Tuesdays & Thursdays, July 17–August 16 1 p.m.–3 p.m.	<i>Digging in the Dirt</i>	Exploration of American Indian archeological sites	Dorothy Buell Visitor Center
Friday, July 20 7:30 p.m.–9 p.m.	<i>Music Heritage Series-Movin' On</i>	Recognition of the Northwest Indiana transportation corridor in song	Calumet Dune Interpretive Center
Sunday, August 12 9 p.m.–11 p.m.	<i>Perseids Meteor Shower</i>	Annual meteor shower	West Beach
Friday, August 17 7:30 p.m.–9 p.m.	<i>Music Heritage Series-Childhood</i>	Traditional music and songs of the Indiana dunes early settlers and their children	Calumet Dune Interpretive Center
Sunday, August 19 7:30 p.m.–8:30 p.m.	<i>Digging in the Dirt</i>	National Park Service archeologists discover history	Dunewood Campground Amphitheater
Saturday & Sunday September 15–16 11 a.m.–5 p.m.	<i>Duneland Harvest Festival</i>	Traditional harvest activities at a Swedish immigrant farm.	Chellberg Farm

# Summer 2007



## *Child of the Northwest Wind*

Daily, 8:30 a.m.–6 p.m.

Watch this 11-minute park orientation video at the Dorothy Buell Memorial Visitor Center to learn about the places to see and activities to do at the national lakeshore.



## *Duneland Harvest Festival*

Saturday & Sunday September 15–16, 11 a.m.–5 p.m.

Celebrate the old-time harvest season at the historic Chellberg Farm.



## *Digging into the Dirt*

Sunday, August 19, 7:30 p.m.–8:30 p.m.

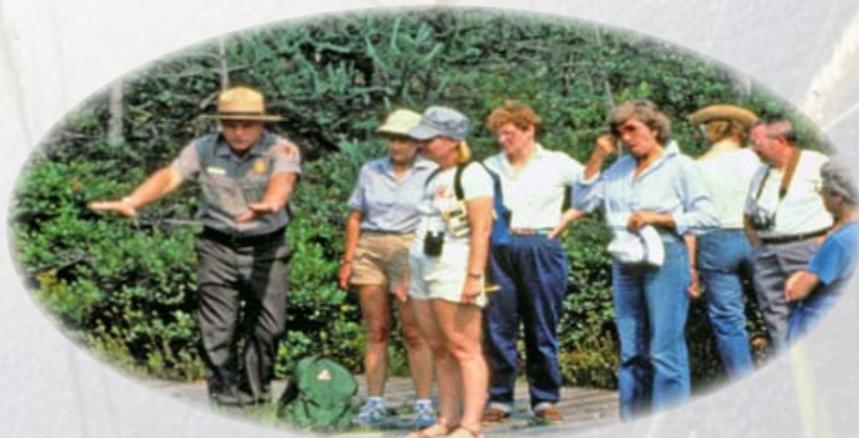
Learn how National Park Service archeologists discover history during this program at the Dunewood Campground.



## *Feeding Time*

Fridays, Saturdays & Sundays, 4 p.m.–5 p.m.

Assist Farmer Jim with feeding the farm animals at the Chellberg Farm Barn.



## *Trekking the Bog*

Saturdays, 9 a.m.–10:30 a.m., 1:30 p.m.–3 p.m.

Sundays, 9 a.m.–10:30 a.m.

Join a ranger for an adventure into Indiana's only "true" quaking bog.

Reservations required by calling 219-926-7561 x225.



## *Horsing Around*

Sunday, June 3 & 10 & Sunday, July 1 & 8, noon–3 p.m.

See how draft horses work crop fields at Chellberg Farm (weather permitting).

# Interpretive Programs



## Junior Rangers

The national lakeshore offers several different Junior Ranger programs of varying lengths. To become a Junior Ranger pick up an activity guide at the Dorothy Buell Memorial Visitor Center.



## Open House

Sundays, 1 p.m.–4 p.m.

Learn about early 20th century farm life and 1820s fur trade at the Chellberg Farm and Bailly Homestead.



## Night Hike

June 12 & 22, 8:30 p.m.–9:30 p.m.

July 10, 13, & 17, 8 p.m.–9 p.m.

August 9, 23, & 24, 7:30 p.m.–8:30 p.m.

Experience nightlife along the Dunewood Trace Trail by meeting a ranger at the Dunewood Campground amphitheater.



## Historic Crafts

Sundays, June 10, July 8, & August 5, 1 p.m.–4 p.m.

Watch a volunteer demonstrate a historic craft at the Bailly/Chellberg area.



## Midsummer Program

Sunday, June 24, noon–4 p.m.

Celebrate the summer solstice with Scandinavian music and dance at the Chellberg Farm.



## Campground Amphitheater Program

Nightly, June–8:30 p.m.–9:30 p.m.

July–8 p.m.–9 p.m.

August–7:30 p.m.–8:30 p.m.

Enjoy a ranger program at the Dunewood Campground amphitheater; topics and rangers vary throughout the summer. See bulletin boards for posted program subjects or call 219-926-7561 x225.

# Educational Programs

## Day Programs



### Who do we serve?

Any organized group such as schools (K-12), scouts, university classes, organizations, and preschools.

### What do we provide?

Park rangers lead a variety of free, one to three-hour long programs throughout the park. Organized groups can choose from a variety of experiences such as hiking on marked trails to the top of Mount Baldy, exploring the Miller Woods oak savannas, following in fur trader's footsteps, or helping feed the Chellberg Farm animals. Hands-on programs allow students to explore and learn in their national park. The programs help teachers meet state content standards.

### How do you reserve a ranger-led program?

Call 219-926-7561, x243, or 1-800-959-9174, x243.



### When are programs offered?

Year-round. The park begins scheduling for the academic year in late August.

### Where are programs offered?

At the cultural history sites of Chellberg Farm and Bailly Homestead; along the Mt. Baldy and West Beach shorelines; and at the Calumet Dune Interpretive Center and the Paul H. Douglas Center for Environmental Education in Gary, Indiana.

### Where can you go for more information?

[www.nps.gov/indu](http://www.nps.gov/indu) for teachers or email the national lakeshore at [INDU\\_interpretation@nps.gov](mailto:INDU_interpretation@nps.gov). The lakeshore's website has interactive games for students, activity guides for teachers to download, and a complete list of programs.

## Teacher Workshops

The national lakeshore partners with education institutions to provide professional development opportunities within the park. Year-round workshops focus on various themes. Educators can earn graduate credit through local universities for their participation. For a list of upcoming workshops, visit [www.nps.gov/indu/forteachers/](http://www.nps.gov/indu/forteachers/) or contact the education office at 219-926-7561 x243, or the Great Lakes Research and Education Center (GLREC) at 219-926-7561 x290.



## Classroom Resources

The national lakeshore loans videos and traveling trunks to regional educators without charge; however, educators must pick them up and return them to the park. For a complete list of available resources, visit [www.nps.gov/indu/forteachers/](http://www.nps.gov/indu/forteachers/) or contact the GLREC at 219-926-7561 x290.

## Become a Junior Ranger!

**Family Program** – Children of all ages can participate in this fun, free, family-oriented program. Stop by the national lakeshore's visitor center to pick up a Discovery guide for the beach, historic sites, or the entire park; and learn about what makes Indiana Dunes a special place worth preserving. After completing the activities, stop by the visitor center for a Junior Ranger badge.

**Summer Day Camp** – Children living in the local park area between the ages of 7 and 15 can register for this fun, hands-on, summer day camp. Students participate once a week for a full day in a variety of learning adventures throughout the Indiana Dunes National Lakeshore from June through August. For more information, contact Kip Walton at 219-926-7561 x244.



## Explore the Park on Your Own!

Many educators wish to bring their groups to the dunes on their own. National lakeshore activity guides are available at [www.nps.gov/indu/forteachers/](http://www.nps.gov/indu/forteachers/). Interactive games, such as the **Web Ranger Challenge** at [www.nps.gov/indu/forteachers/](http://www.nps.gov/indu/forteachers/) are recommended to help students prepare for their visit to the national lakeshore.



Take the **Water Safety Challenge!** Students of all ages can learn about the importance of water safety from this interactive web quiz. The game is designed to teach some of the basic safety rules of Lake Michigan swimming, rip currents, and beach-going. Check out the web site at <http://www.nps.gov/archive/indu/watersafety/index.htm>.



## What other resources are available?

**Residential programs at the Indiana Dunes Environmental Learning Center.** Dunes Learning Center operates a residential environmental education camp within the national lakeshore. Programs are available for 4th grade and beyond. Participants stay overnight in cabins. In summer the Dunes Learning Center offers week-long Dunes Discovery Camps for youth between the ages of 9 and 12. Session I is June 25 - 29 and Session II is July 9-13; Junior Ranger Biodiversity Camp is July 30 - August 3 for ages 7 - 15. **Contact the Learning Center at [info@duneslearningcenter.org](mailto:info@duneslearningcenter.org), or call 219-395-9555 for more information or to reserve a program.**



## NEEDED

## VOLUNTEER HELP

Many individuals with a passion for the Indiana Dunes National Lakeshore donate thousands of hours each year as volunteers. There are always lots of volunteer opportunities at the national lakeshore. Whether you want to help indoors or out, we probably have something that you will find both interesting and rewarding. If you can volunteer just a few hours of your time on a regular basis, you can make a difference. For more information on the volunteer program, please contact the national lakeshore's Volunteer Coordinator, Cliff Goins, at 219-926-7561 x246 or [cliff\\_goins@nps.gov](mailto:cliff_goins@nps.gov).



National lakeshore volunteer Cindy Deardorff demonstrates the fur trade at the Bailly Homestead.

### Visitor Assistants

Volunteers are needed to assist interpretive rangers. Volunteer duties include cooking on a woodstove, leading school programs, conducting farm demonstrations, answering the telephone and answering questions at the visitor information desk, tracking visitor statistics, stuffing envelopes, organizing publications and supplies, stocking brochure racks, and serving as the Assistant Volunteer Coordinator. For more information about these opportunities, **contact Cliff Goins at 219-926-7561 x246 or [cliff\\_goins@nps.gov](mailto:cliff_goins@nps.gov).**

### Resource Management Assistants

Volunteers are needed to coordinate volunteers and help protect the national lakeshore from the threats of invasive species and habitat fragmentation. No specific experience is needed. Positions include greenhouse assistants (propagate plants), field assistants (restore prairies, woodlands, and wetlands), wildlife assistants (monitor wildlife populations), and volunteer coordinators (recruit, coordinate, and supervise volunteers). **Contact Laura Thompson at 219-926-7561 x337 or [laura\\_thompson@nps.gov](mailto:laura_thompson@nps.gov).**

# Park Partners

## Field Station Cooperative



*Our mission is to create sustainable educational programs based on nature study which develop in our students a love of learning, critical and independent thinking, creativity and imagination, social skills, self-confidence and self-esteem, environmental responsibility and respect for our natural surroundings.*

The Field Station Cooperative is a parent-run, not-for-profit organization offering a nature based preschool program in partnership with the Indiana Dunes National Lakeshore. The curriculum includes pre-reading and math skills appropriate for the pre-kindergarten age group.

The Cooperative also offers an after-school enrichment "Field Station Explorers" program designed for students enrolled in Kindergarten to 4th grade. Students come to the Field Station one day a week during the school year to participate in fun, hands-on lessons that emphasize art, science, and nature.

The Field Station operates its innovative programs in a rehabilitated barn and farmstead within the national lakeshore through a sub-lease from the Historic Landmarks Foundation of Indiana. To learn more, contact:

**Field Station Cooperative**  
399 Howe Road  
Porter IN 46304  
219-926-2500  
[www.fieldstationkids.org](http://www.fieldstationkids.org)



Barbara Grimes

## Indiana Dunes Environmental Learning Center



*Our mission is to explore the dynamic relationship between people and their environments.*

As a partner with the Indiana Dunes National Lakeshore, this non-profit learning center offers hands-on experiences for students and educators through environmental education programs that explore the national lakeshore's resources.

Find out about the Dunes Learning Center's programs at their summer barbecue picnic on Saturday, August 18, at the Learning Center. Tickets are \$25. To learn more, contact:

**Indiana Dunes Environmental Learning Center**  
700 Howe Road  
Chesterton, IN 46304  
219-395-9555  
[www.duneslearningcenter.org](http://www.duneslearningcenter.org)



## Other Partners

Chesterton Art Center  
Chicago Wilderness  
Friends of Indiana Dunes  
Historic Landmarks Foundation of Indiana  
Indiana Department of Natural Resources-Nature Preserves and Coastal Program  
Kampinoski Park Narodowy (sister park in Poland)  
Lake County Solid Waste Management District  
Porter County Convention, Recreation, and Visitor Commission  
Purdue University Field Station  
Save the Dunes Conservation Fund  
Shirley Heinze Land Trust  
U.S.G.S. Lake Michigan Ecological Research Station

## Indiana Dunes State Park

# DNR

Indiana Department of Natural Resources  
Division of State Parks and Reservoirs

*Our mission is to manage and interpret Indiana Dunes State Park's wildlife and natural and cultural resources, provide for compatible recreational opportunities, and sustain the integrity of these resources for future generations.*

Established in 1925, Indiana Dunes State Park is one of 25 Indiana state parks administered by the Department of Natural Resources and Indiana Division of State Parks and Reservoirs. The state park contains some of the most diverse flora and fauna of the Midwest. It is also renowned throughout the Midwest for its birding.

The state park offers:

- a new park entrance,
- a year-round campground,
- swimming beach with lifeguards,
- nature center,
- more than 16 miles of hiking/skiing trails, and
- picnic shelters and areas.

During the summer, a beach pavilion provides:

- a shelter,
- snack bar,
- gift shop, and
- restrooms with outside showers.

The nature center has a library, bird observation room, children's activity corner, information desk, and exhibits about natural and cultural history. Private, public, and school programs are held year-round. Camping reservations can be made by calling 1-866-622-6746. There is a park entrance fee. For more information, contact:

**Indiana Dunes State Park**  
1600 North 25 East Chesterton IN 46304  
219-926-1952 [www.IN.gov/dnr](http://www.IN.gov/dnr)

### INDIANA DUNES STATE PARK

Park Hours: 7 a.m.–11 p.m.  
Office Hours: 8 a.m.–4 p.m.

#### Entrance Fees

Daily: \$10.00 with out-of-state plates  
\$4.00 with IN plates, Mon.–Thurs, weekends  
\$5.00 with IN plates, Fri.–Sun., holidays  
\$2.00 per day for walk-ins and bicyclists

*Annual entrance permits are available.*

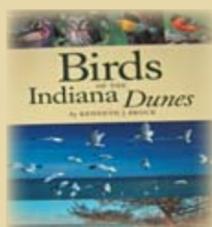
## Support the Park with Your Purchases



*Eastern National provides quality educational products and services to the visitors to America's national parks.*

Eastern National is committed to the National Park Service and other caretakers of public trust and is dedicated to helping visitors find the information, materials, and experiences they need to fully understand and appreciate the legacy of the places they will visit today, tomorrow, and for generations to come.

Eastern National, a not for profit organization, donates a portion of their proceeds to Indiana Dunes National Lakeshore to support interpretive and educational projects, including the printing of this publication, *The Singing Sands*.



## Eastern National Bookstore



A variety of educational items are available for purchase at Eastern National's bookstore located at the Dorothy Buell Memorial Visitor Center at U.S. Highway 20 and Indiana 49. The online store is at [www.easternnational.org](http://www.easternnational.org) or [www.eparks.com](http://www.eparks.com).

### 1. West Beach

There is much to do at West Beach, even when the weather is too cold for swimming. Grill a meal at the picnic shelter, walk a marked trail traversing the dunes and forest, learn how plant and animal communities are replacing one another through time, or watch migrating waterfowl at Long Lake in autumn and spring.

### 2. Cowles Bog Trail

The national lakeshore's most rugged hike takes you on a five-mile journey through wetlands and over both wooded and moving dunes to an isolated beach.

### 3. Bailly/Chellberg

Explore an 1820s fur trading outpost and a 1900-era Swedish farmstead. Enjoy the Duneland Harvest Festival during the third full weekend of September and Maple Sugar Time on the first two full weekends of March. Follow the trail that starts here and winds through a wide diversity of landscapes, including the Mnoke Prairie, the Little Calumet River, and a mature beech/maple woodland.

### 4. Ly-co-ki-we Trail

Depending on the season, hike, ski, or ride the four-mile trail through wooded dunes and wetlands. Bring your own skis or horse.

### 5. Lake View

As the national lakeshore's only picnic area overlooking Lake Michigan, this site offers grills and covered picnic shelters. Beautiful sunset views make this one of the most popular park spots.

### 6. Dunewood Campground

Dunewood is just over one-mile south of Lake Michigan and features 78 wooded campsites. Enjoy camping with the convenience of modern restrooms and showers. Fees are charged, and registration is on a first-come, first-served basis.

### 7. Mount Baldy

Hike the trail to the top of the national lakeshore's largest moving dune. Mount Baldy, at 126 feet tall, provides stunning views of Lake Michigan and its shoreline.

### 8. Pinhook Bog

A mat of sphagnum moss keeps everything from trees to insect-eating plants floating above an ancient, and now-hidden, lake. This extremely rare and fragile habitat can only be entered during a ranger-led tour.



**Water Safety**  
Lake Michigan waters can be hazardous. Rip currents occur frequently during periods of high wind and waves. During the winter, shelf ice forms along the lakeshore and is never safe to walk on. Check with local authorities about conditions and potential hazards.