



Sleeping Bear Dunes

National Lakeshore



A National Treasure!



Sleeping Bear Dunes National Lakeshore is one of almost 400 sites in the US that are considered so special they have been called national treasures and protected as part of the National Park System. Here Ranger Joanne highlights some **significant features** of the Lakeshore. Whether you have an hour, a day, or a week, you will be able to discover why these 72,000 acres of dunes, forests, and beaches were set aside for future generations to enjoy! Grab a Park map and let's get started!

Take in Pierce Stocking Scenic Drive, a 7.5 mile loop which overlooks some of the Lakeshore's most **unique scenery**. You'll see **rare perched dunes**, spectacular **landscapes carved by glaciers**, a fascinating bar lake, the Manitou Passage and much more. You can stand atop a 450 foot bluff and look straight down at Lake Michigan, or glimpse the Sleeping Bear a mile north of you. You'll sense the forces that sculpted the landscape long ago and constantly change it today. Plan to take at least an hour and a half to experience all there is to offer. Add at least another hour if you want to hike among the perched dunes on the self-guiding Cottonwood Trail, a 1.5 mile loop that begins at Stop #4. Who knew that wind and water could be so creative? *Located 3 miles north of Empire off M-109.*

Hit the trails and experience the **variety of habitats** within the park. Hike over dunes, through forests, meadows, or a combination of these. Discover inland lakes, old farmsteads, forgotten fence rows and sudden stunning views. Choose among the 13 trails on the mainland and several on the islands. *See page 8 for details.*



Visit Glen Haven, a turn-of-the-century steamship stop on Sleeping Bear Bay. Drop in on our working blacksmith and shop at the authentic General Store. At the Cannery boat museum, walk among boats included in the **largest public exhibit of Great Lakes small craft**. Look out over the Manitou Passage, a heavily used shipping lane. Complete your time travel with a visit to the Maritime Museum, the most fully restored **Life Saving Service station** in the US. Visit the boathouse to see equipment surfmen used a century ago. Discover these true heroes of our past.

Glen Haven is located on M-109/M-209, 2 miles west of Glen Arbor.

Discover North and South Manitou Islands. These large **fresh water islands** are worlds within themselves, with their own history, ecology, and mystique. Ferry to South Manitou for a day trip, or stay and camp. Hike to white cedars of record size, view an old shipwreck, visit a lighthouse, or take a motor tour of historic farms. A visit to North Manitou requires you to stay overnight in the wilderness. *Details on page 2.*

Feel a century slip away in Port Oneida, the **largest historic agricultural landscape** in the US under government protection. Bike or drive the back roads to old farmsteads, a schoolhouse, cemeteries and stately sugar maples. *A driving tour brochure with a map is available at the Visitor Center. Port Oneida Rural Historic District is about three miles north of Glen Arbor along M-22.*

Dare to do the Dune Climb! Climb this imposing mountain of sand. Most people will be satisfied when they reach the top of this 110 foot dune where they can catch their breath and admire the view of Glen Lake and the surrounding hills. The more hardy will continue all the way to Lake Michigan, across a **dune complex** so vast it can be seen from space. Be sure to take water and good footwear and expect to spend a few



hours, if you go. At the base of the Dune Climb you can also picnic in the shade, shop at the Dune Center or explore into the nearby woods along the interpretive, barrier-free Duneside Accessible trail. *Directions on page 4.*

Join an Interpretive Ranger to explore **significant features** of the Park. Discover wildlife or history or maybe a ranger's favorite spot

during a scheduled activity. In this photo Junior Rangers are using the huge measuring stick at the Dune Climb to calculate how fast the dunes are moving. Check the variety of daily programs in July and August, and every Saturday at 1 pm all year except November and December. During the winter, we offer snowshoe walks with snowshoes provided! *Current schedules are posted at campground offices, the Visitor Center, and on the park website.*

Get in the water! Canoe or kayak one of many **rivers or inland lakes**. Spend an hour or a day; paddle for exercise or drift with the current. Access the Platte River at Platte River Picnic Area on M-22, 10 miles south of Empire, and the Crystal River just north of Glen Arbor. Rent equipment near either launch site if you don't have your own.

Relax on a beach or wander the shoreline to discover dune life and watch nature at work. You'll have the privilege of being in the presence of two unique species: the threatened Pitchers thistle, a prickly plant that grows well in dunes; and the endangered Piping Plover, a tiny bird which nests on beaches and feeds at the water's edge. There are **35 miles of shoreline on the mainland and 33 miles around the islands** - talk about a long walk on the beach! *Beaches listed on page 4. Plover info, page 7.*



There are so many fun and interesting things to do at Sleeping Bear Dunes National Lakeshore! These are just a few of my favorites. I hope you will take wonderful memories of your visit home with you after having discovered on your own why this special place is called a national treasure! *Park Rangers are available to assist you and are ready to answer your questions at the Visitor Center (231-326-5134), campgrounds and entrance stations. More information is also available on the park website at www.nps.gov/slbe.*



National Park Service
U.S. Department of the Interior

Sleeping Bear Dunes National Lakeshore
9922 Front Street
Empire, MI 49630



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National Park Passes



A Park Entrance Pass is required whenever and wherever you venture into Sleeping Bear Dunes National Lakeshore. Show your pass to rangers at entrance stations at the Dune Climb and Pierce Stocking Scenic Drive, and place it on your vehicle dashboard when parked within the Lakeshore. When parking outside the Lakeshore boundary and entering on foot or bicycle, carry your pass with you. Purchase yours at campground offices, Pierce Stocking Scenic Drive, or the Dune Climb during regular hours of operation; or between 8:30 and 10 am at Leland Harbor. Passes may be purchased 24 hours a day at the Visitor Center and Platte Point fee machines.

Free Admission for Children 15 and Under.

\$10 Seven-day Pass for Sleeping Bear Dunes National Lakeshore

Admits pass holder and all passengers in a non-commercial vehicle. *Non-transferable and valid for 1-7 days.*

\$20 Annual Pass for Sleeping Bear Dunes National Lakeshore

Admits pass holder and all passengers in a non-commercial vehicle. *Valid at this park only for one year from month of purchase.*

Access Pass for National Parks and Federal Recreational Lands

Lifetime pass, free to US citizens and permanent residents with permanent disabilities. Documentation is required to obtain. Provides access to Federal recreation sites and admits pass holder and all passengers in a non-commercial vehicle. *Can only be obtained in person and is non-transferable. Acceptable documentation includes: statement by a licensed physician; document issued by the Veteran's Administration, Social Security Administration, or a State agency.*

School Groups

An Educational Fee Waiver is available for educational groups applying prior to visiting the park. *Call 231-326-5134 or see website.*

\$10 Senior Pass for National Parks and Federal Recreational Lands

Lifetime pass for US citizens age 62 or over, and permanent residents. Provides access to Federal recreation sites. Admits pass holder and all passengers in a non-commercial vehicle. *Can only be obtained in person at the park. The Senior Pass provides a 50 percent discount on some fees such as camping, and is non-transferable.*

\$80 Annual Pass for National Parks and Federal Recreational Lands

Provides access to all Federal recreation sites for a year, from month of purchase. Admits pass holder and all passengers in a non-commercial vehicle. *Can be obtained in person at the park; or by calling 1-888-ASK USGS, Ext. 1, or at <http://store.usgs.gov/pass>.*

\$5 Individual Seven-day Pass for Sleeping Bear Dunes NL

Admits one individual on foot, bicycle, motorcycle, or non commercial bus. *There is no charge for children 15 and under.*

Commercial Vehicle Fees

Vehicle	Capacity	Fee
Van	7-15	\$40
Mini-bus	16-25	\$40
Motorcoach	26+	\$100



Island Day Trips and Camping



South Manitou Island



Catch a ferry for a day trip or to camp on South Manitou Island! The island offers beaches, giant cedars, hiking, shipwrecks, and motorized tours of historic farms. Climb the lighthouse stairs for grand views across Lake Michigan. Take a lunch and everything you need as no services are available on the island. Supplies are available in Leland. Access to the Manitou Islands is by private boat or by passenger ferry. The *Mishe-Mokwa* begins boarding for South Manitou Island, in summer, daily at 9:15 am, leaving at 10 am, and lays over for four and a half hours at the island. The ferry departs the island at 4 pm and arrives back at Leland at 5:30 pm.

From May to September, Manitou Island Transit operates passenger ferry service from the Leland Fishtown Dock to the Manitou Islands. Call 231-256-9061 for ferry schedules and reservations. A National Park Entrance Pass is required for any use of the islands, and a backcountry camping permit is also required for campers. See fees above or call 231-326-5134. Passes and permits are available at Leland Harbor office before boarding, as well as at the Visitor Center and campground offices. Plan to arrive at the Fishtown Dock at least 45 minutes prior to departure for check-in. Leland is 27 miles north of Empire on M-22.

North Manitou Island



Backpack on North Manitou: a true wilderness experience! As guardians of the Manitou Passage, the Manitou Islands have beckoned to people throughout history. Visitors to North Manitou pass through the historic Coast Guard village, and have nearly 15,000 acres of forests, fields and beaches for backpacking. Bring everything you need to camp as you must stay overnight and no services are available. Check-in at 9:15 am at the ferry *Manitou Isle* in Leland. Upon arrival at North Manitou Island, the ferry remains at the the dock just long enough to exchange passengers before returning to Leland Harbor. No service to North Manitou on Tuesdays and Thursdays.



Camping

D.H. Day Campground



A rustic campground with 88 wooded campsites, each a short walk to the Lake Michigan beach, all campsites at D.H. Day are first come, first served (no reservations). Each site has tent pad, picnic table, fire ring and parking area. Accessible vault toilets and water spigots are placed throughout, and an RV dump station is located at the campground entrance. Generator use is permitted in sites 1 thru 31 from 9 am to 6 pm. Firewood is for sale each evening.

Campsite* \$12 / night

Open April 1 to November 26

8000 W. Harbor Hwy. Glen Arbor, MI 49636. 231-334-4634. On M-109, 2 miles west of Glen Arbor, 6 miles north of Empire.

D.H. Day Group Campground



Check in at D.H. Day Campground (see above). Four campsites for groups of 7 to 25 campers each, tents only, located in a clearing with a few large trees. Each vehicle in the parking area must display a park pass. Each campsite has picnic tables, a fire ring, and a numbered post for your camping permit. Vault toilets and water spigot are nearby.

Campsite \$30 / night \$33 reserved

Open all year: advance reservations only from May 25 to October 1. During the off-season it's first come, first served. Once water is turned off, camping fees are reduced to half price. Note: Harwood Road is not plowed during the winter. Location: From Glen Arbor four miles west on M-109, turn right on Harwood Road and proceed to it's end.

Group Camping

Group camping is offered at Platte River Campground, D.H. Day Group Campground, and in the backcountry on North and South Manitou Islands, all by reservation only throughout the summer season, except North Manitou.

South Manitou Backcountry

Group Camping Permit 5-20 people \$23 reserved**

North Manitou Backcountry

Group Camping Permit 5-10 people \$10 / night

D.H. Day Group Campsite 7-25 people \$30 / night

Platte River Group Campsite 7-25 people \$40 / night

Platte River Group Campsite 7-25 people \$43 reserved**

Platte River Campground



A modern campground with RV and tent camping, pull-through and back-in sites with electricity and without, there are beautifully wooded tent campsites, walk-in tent sites, and group campsites for 7 to 25 people. Two mile drive to Lake Michigan Beach. Nearby canoe launch. Each site has a tent pad, picnic table, fire ring and parking pad. Accessible flush toilets and showers are located in each loop. Shower tokens must be purchased at the Ranger Station at \$1 for two three minute tokens. An RV dump station is located at the entrance to the campground. Firewood is for sale each evening. 43 reservable campsites are available May 25 to September 3, 2007. Five reservable group campsites are available May 5 to October 1, 2007. Campsite fees are as follows:

Non-Electric Campsite*

\$16 / night \$19 / night reserved**

Electric Campsite* includes electricity

\$21 / night*** \$24 / night reserved**

Walk-in Campsite* \$12 / night \$15 / night reserved**

Group Campsite \$40 / night \$43 / night reserved**

Open All Year * \$5 / night fees for electricity are collected in the campground at check in.**

231-325-5881. 5685 Lake Michigan Road, Honor, MI 49640. Located ten miles south of Empire on Lake Michigan Road, off M-22.

Backcountry Camping

For White Pine and Valley View Campgrounds, and on North and South Manitou Islands, a Backcountry Camping Permit is required in addition to a Park Entrance Pass. Backcountry campsites are limited to four people and two tents per site. (See *this page for groups*.) Pets and bicycles are prohibited. Fires are permitted only in established fire rings. Gather only dead and down wood. Treat all water obtained from backcountry sources.

Backcountry Camping Permit*

4 people & 2 tents \$5 / night

White Pine



This popular mainland backcountry campground is 2.5 miles north of the Platte River Campground. There are six campsites, one fire ring, and an outhouse. *Passes and permits may be obtained at the Platte River Campground or (winter only) at the Philip A. Hart Visitor Center in Empire.*

Valley View



A 1.5 mile trail winds uphill from the trail head for this quiet backcountry campground, a four mile drive north of D.H. Day Campground. There are five campsites and two fire rings and all water must be packed in. Passes and permits may be obtained at the D.H. Day Campground (summer only) and at the Visitor Center in Empire. *Take M-22 two miles north of Glen Arbor, right on Westman, left on Hyland to trailhead.*

Please Note

**Senior and Access Pass holders pay half price for selected campsites. Discount does not apply for group campsites, electricity, or the \$3 reservation fee.*

****To make reservations** visit <http://www.recreation.gov>, or the Park website at www.nps.gov/slbe or phone 1-877-444-6777. Reservations for individual campsites from Memorial Day through Labor Day are accepted six months in advance. For group sites from May through September, reservations are accepted one year in advance. For reserved sites, a \$3 per night reservation fee is added by the reservation contractor.

Don't Miss a Word!



Do you miss some information at Ranger programs due to competing sounds?

Park visitor Leah suggests trying out the FM wireless listening system now available for your use in the Lakeshore. The equipment amplifies the sound of the ranger's voice, which you hear through a headset, neck loop or earbuds. Use the wireless for a ranger-led hike or evening program, or at the Visitor Center in Empire, the campground offices, or the General Store in Glen Haven. A hard wired listening system is also in place at the Philip A. Hart Visitor Center front desk.



Sleeping Bear Dunes hopes to awaken your senses through this user-friendly, fee-free technology. *Visitors wishing to use the equipment are encouraged to call ahead and arrive early. Just ask at the Visitor Center in Empire, Platte River and D.H. Day Campgrounds or at the General Store in Glen Haven. The Visitor Center also has a portable TTY device for use with the pay telephone.*



National Park Service
US Department of the Interior

Sleeping Bear Dunes National Lakeshore

Authorized by Congress on October 21, 1970, Sleeping Bear Dunes National Lakeshore encompasses a 35 mile stretch of Lake Michigan's eastern shoreline, as well as North and South Manitou Islands. The Park was established to preserve the "outstanding natural features, including forests, beaches, dune formations, and ancient glacial phenomena... for the benefit, inspiration, education, recreation, and enjoyment of the public." The Lakeshore also contains many cultural features including an 1871 lighthouse, three former US Life Saving Service / Coast Guard Stations and an extensive rural historic district.

Sleeping Bear Dunes National Lakeshore Visitor Guide is published annually by Sleeping Bear Dunes National Lakeshore, Division of Interpretation & Visitor Services, with funds donated by Eastern National. Design, layout, editing, and writing by Joy Blair. Many thanks to contributing photographers: Alice Van Zoeren for plovers and swans; Joanne Rettke for landscapes; Kerry Kelly for Park views; Terry Phipps for the masthead; John Ester, and US Fish and Wildlife for loons; to Jane Greiner for photography, writing, and technical support; and to Park staff for writing and various contributions.

Park Headquarters: 9922 Front Street Empire, MI 49630
Visitor Center: 231-326-5134 ext. 328
Web site: www.nps.gov/slbe
E-mail: SLBE_Interpretation@nps.gov
Fax: 231-326-5382

The National Park Service cares for the special places saved by the American people so that all may experience our heritage.



Philip Hart Visitor Center



Don't miss *Dreams of the Sleeping Bear*, a free 15 minute multimedia program, featuring music and beautiful photographs! Check out the exhibit area! Museum exhibits explore the geology, natural history and human stories of the park. This is also the main information center where an interactive touch-screen kiosk and relief map provide general park information. Buy your National Park Pass, pick up a free brochure, and check out the schedule of ranger-led interpretive walks, and other special activities. Support the Lakeshore when you purchase any of the numerous nature, history and park related books, games, posters, postcards, shirts, hats and patches for sale in the Eastern National sales outlet. *Summer: Open daily 8-6 (Memorial Day thru Labor Day). Fall, Winter, Spring: daily 8:15-4 (Labor Day to Memorial Day). Closed Thanksgiving, Christmas and New Years days. Phone: 231-326-5134, ext. 328. Accessible restrooms, water fountain, pay phone, assistive listening devices and portable TTY available. Closed captioning is available for the orientation slide show. Location: On M-72, just east of M-22 in Empire.*

Ranger Dianne's Reminders



Purchase a National Park Entrance Pass and display it on the windshield or dashboard of your vehicle.

Camp only in designated campgrounds.

For your safety, glass containers are prohibited on beaches, waterways, and dune areas.

Please leave all plants, rocks and other natural objects undisturbed for other visitors to enjoy. Do not collect ghost-forest wood, any wood on the dunes, or wildflowers. Ask the rangers about what fruits, berries, and mushrooms can be picked!

Bicycles are allowed on the same established roads that vehicles travel, but not on any park trails.

Be aware that some hunting is allowed in the National Lakeshore. Wear bright colors during hunting seasons.

Fires are permitted in campground fire rings, picnic area grills, and mainland Lake Michigan beaches. On the mainland beaches, keep fire between the water's edge and the first dune, away from any vegetation. Put out fires with water. No beach fires on the Manitou Islands.

Descending steep sand dune bluffs causes erosion and is dangerous. Please stay on established trails. Go to the Dune Climb instead!

Drive on established roads only and be careful not to park your vehicle on any vegetation. Have a safe and pleasant visit!

Greetings from the Superintendent

Welcome! Let me take this opportunity to greet you and thank you for your interest in Sleeping Bear Dunes National Lakeshore. Whether you're planning a first-time trip here, or have visited many times, you'll find lots to see and do. You'll explore a world of wonder as you experience what the mainland and two remote Lake Michigan islands have to offer. Whether it's the high perched dunes and miles of isolated beaches, numerous hidden lakes in beautiful hardwood forests, or the stories of our heritage told by the Life Saving stations and historic farmsteads, Sleeping Bear Dunes has something for everyone.



into useful items at the Blacksmith Shop. Imagine a Great Lakes vessel being repaired while the crew of a Chicago-bound steamer waits impatiently at the Cannery dock down the road. Shop at the 1920s General Store and tour the Cannery which houses the largest collection of Great Lakes small watercraft. You can go inside the restored

Sleeping Bear Point Life Saving Station in Glen Haven; one of three located here at the Lakeshore. Our dedicated Park Rangers and Volunteers are on hand to help you find your own connections to the history of the people who settled this area.

With a little planning, you can hop a ferry from Leland to North or South Manitou Island to see the lighthouse and Life Saving Service Stations, or explore the islands' interiors. Peace and solitude abound throughout the Lakeshore, making it an ideal destination for a wide range of outdoor recreation.

If you care about the future of this special place, your timing is especially good, as the Lakeshore is currently developing a new General Management Plan/Wilderness Study for its management over the next 20 years. See page 6 for details about the plan and ways you can help shape the park's future.

I wish you a safe, rewarding, and memorable experience, and hope that you will visit Sleeping Bear Dunes National Lakeshore again soon. Enjoy!

Dusty Shultz
Superintendent

Each year people from all over the world visit the Lakeshore. Many toil up the slopes of the massive Dune Climb to marvel at the glorious views of the Glen Lakes, then run back down. Nearby, you can motor along the Pierce Stocking Scenic Drive, a former logging road that winds through beech-maple forests and provides breathtaking views of Lake Michigan from atop 450-foot-high sand dunes. And the beaches! The fine sands and impossible blues of Lake Michigan rival anything the Caribbean has to offer. Jump on in - it's not as cold as you might think!

For a trip back in time, behold the rolling countryside and imagine what life on the farm was like in the early 1900s as you take a slow drive through the Port Oneida Rural Historic District. Travel from Port Oneida to the historic village of Glen Haven, just as the farmers would do on occasion. There's plenty to do in the village, like watching pieces of iron being heated and hammered

Hot or Cold?

Monthly Average	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
High Temp (F°)	26	28	37	53	66	76	81	78	70	58	44	32
Low Temp (F°)	13	11	19	32	41	51	57	56	49	40	30	19
Precipitation (in)	2	1	2	3	3	3	3	3	4	3	3	2
Snowfall (in)	23	19	13	0	0	0	0	0	0	0	5	19



Visit Sleeping Bear Dunes National Lakeshore in Every Season

Every Saturday at 1 pm meet a ranger at the Visitor Center for a special guided hike or program, year round, except November and December.

Sleeping Bear Dunes National Lakeshore	231-326-5134 ext. 328	www.nps.gov/slbe
Benzie County Chamber of Commerce	231-882-5801	www.benzie.org
Empire Chamber of Commerce		www.empirechamber.com
Glen Lake Chamber of Commerce	231-334-3238	www.visitglenarbor.com
Leelanau Chamber of Commerce	231-271-9895	www.leelanauchamber.com
Sleeping Bear Dunes Visitors Bureau	888-334-8499	www.sleepingbeardunes.com
Traverse City Chamber of Commerce	231-947-5075	www.tcchamber.org
Traverse City Visitors Bureau	231-947-1120	www.tcvisitor.com

Pierce Stocking Scenic Drive

Take in the views along this beautiful 7.5 mile drive to the top of the Sleeping Bear Dunes Plateau. Stops include several short walks to overlooks featuring the Manitou Islands, Pyramid Point, the Glen Lakes, and North Bar Lake. This “top of the dunes” road has two picnic areas with outstanding views. Hikers may traverse this unique

environment on the Cottonwood trail, a moderate 1/2 mile loop on the high dune plateau. Feast on the view of Empire Bluffs at the shady North Bar Lake Overlook and await sunset. The boardwalk and decks at the Lake Michigan Overlook also offer spectacular sunset views 450 feet above the lake. This drive is uniquely accessible: you can enjoy many wonderful forest, dune, and lake views without leaving your car.

Serious bicyclists and runners also love the challenge of the hilly drive’s great workout, though caution is required on the steep grades. *Open daily to vehicles, 9 am to half an hour after sunset from mid-April to mid-November. The Scenic Drive is located three miles north of Empire on M-109.*



Dune Climb

Climb the Dune, a favorite since long before the National Lakeshore was created in 1970! In the summer, thousands of visitors flock here and the mountain of sand is covered with happy people. Off-season days with cold, wind, rain and snow often attract at least one hardy soul on the dune, as well. When you make it to the top of the dune, have a look around at the view, and then run, jump or roll back down! There is nothing to compare to the feeling of taking giant leaps, while the soft sand cushions each step. What fun! If, at the top, you look toward where you know Lake Michigan should be, all you will see ahead of you is more sand dunes. You may be tempted to continue over the next ridge, or the next. Keep in mind it is a 3 to 4 hour strenuous hike to the big lake and back, with no shade and no drinking water. So, fight the temptation unless you came prepared with shoes, extra water, snacks, sunscreen and a hat. Picnic under the shade trees. Water fountains, vending machines, and restrooms are accessible nearby. *Open year round, 24 hours. Located on M-109 about 5 miles north of Empire and 3 miles south of Glen Arbor.*



Duneside Accessible Trail

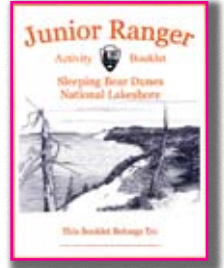
There are other things to do at the Dune Climb, too. Use a simple measuring device on the Duneside Accessible Trail to calculate the speed and distance the dune has moved. Identify local trees from exhibits along the trail. Benches line the hardened surface trail. *Begins at north end of the parking lot.*

Dune Center Store

Duck into the air-conditioned Dune Center for nature guides, compasses, pins, T-shirts, hats, hiking sticks and water bottles. A sand-accessible wheelchair may be borrowed from the Dune Center. *Open daily noon to 5, June 29 to September 3, 2007. (May 26-June 28 Fri, Sat, & Sun only.) Phone: 231-334-2010. Located at the base of the Dune Climb.*

Junior Ranger Program

Discover secrets of the park and earn your Junior Ranger Badge as you seek out answers for your Junior Ranger Workbook (\$1.95 at park stores). Children of all ages will enjoy learning about Sleeping Bear Dunes National Lakeshore and its inhabitants through these fun and challenging activities.



When you have followed the steps to earning a Junior Ranger badge you will have engaged in meaningful activities and been introduced to Sleeping Bear Dunes National Lakeshore. You will have learned why the park was established, what it protects, and how to enjoy it. Best of all you will have gained valuable knowledge in the stewardship of our national parks, and begun a lifelong relationship with this national treasure.



Special Events

Participate in a special event! Sleeping Bear Dunes National Lakeshore has something special happening almost every month of the year. Pick up a hammer and saw at the Barn Preservation Workshop every June. Bring a lawn chair and a picnic basket to join music fans at the popular Dune Climb Concert in July. Travel back in time and watch oxen and horse teams cut and stack hay as it was done at the turn of the 20th century, when you attend the Port Oneida Fair, a two-day event in August. Experience old-time rural skills and crafts including timber framing, blacksmithing, and quilting, as volunteers demonstrate toys, equipment and farm tools typical of the era. On National Public Lands Day in September, join other volunteers to help clean up a park beach or plant dune grass, or just celebrate America’s public lands on this “fee free” day. Artist presentations, historic beach patrols, snowshoe hikes, and antique apple tree pruning workshops are also scheduled. *See the Special Events listing page 8 or on our website at www.nps.gov/slbe.*

Mainland Lake Michigan Beaches



Let your bare feet be your guide to the Park’s miles of sandy beach! Enjoy the beaches year round and experience Lake Michigan’s different moods. Display your park pass on the dash and head out to enjoy the cool Lake Michigan waters and sandy shoreline. Take a picnic and your sunscreen as there are no concessions at park beaches. *These designated beaches have vault toilets unless noted. A park entrance pass is required the National Lakeshore and is available at the Visitor Center (See page 2).*

Platte River Point Beach

at the end of Lake Michigan Road, is very popular with campers and day visitors to the Lakeshore. This beach features the outlet to the Platte River where warmer water enters Lake Michigan. Benches, accessible flush toilets, and a picnic area with grills are provided. Please note that a section of shoreline is sometimes closed to protect nesting Piping Plovers. *Display your Park Entrance Pass on the dash to park in the National Park section of the parking lot (Park Pass vending machine is available), or pay the township fee for their lot. Take M-22 ten miles south of Empire, turn right on Lake Michigan Road, and go two miles to parking area.*

Esch Beach, also called Otter Creek Beach, is another popular swimming area. The shore to the south is divided by the shallow outlet of Otter Creek. *Located at the west end of Esch Road, off M-22, three miles south of Empire.*



County Road 669 Beach.

Many people enjoy beautiful Good Harbor Bay where Bohemian Road (CR 669) ends at Lake Michigan. Parking is close by and it’s a short walk down a small slope to the sand. Lake Michigan Road parallels the bay for several miles here. Follow it east to a pleasant shoreline picnic area and trailhead. *Follow M-22 nine miles north of Glen Arbor through the Port Oneida Rural Historic District and turn left on Bohemian Road /CR 669.*

Glen Haven Beach is on Sleeping Bear Bay. Look west past the Life Saving Station to Sleeping Bear Point, north to the Manitou Islands, and east to Pyramid Point. Convenient parking at the Cannery makes Glen Haven one of the more accessible beaches. (Please note that a section of the shoreline is sometimes closed in order to protect the nesting Piping Plovers.) Adjacent picnic area with grills, and nearby flush toilets are provided. *Two miles west of Glen Arbor on M-109/M-209.*

North Bar Lake is about two miles north of Empire. Because this lake is warm and connects to Lake Michigan and its beaches, it is a very popular spot. *Located at the end of Bar Road. Take 22 north out of Empire, left on Voice Road, right on Bar Lake, left on Bar.*

County Road 651 Beach features wonderful sunset views on Good Harbor Bay. This is a beautiful long crescent of sandy shoreline. To the west you can see Pyramid Point, to the north, the Whaleback. North Manitou and the Fox Islands may be visible on a clear day. *12 miles North of Glen Arbor, through the Port Oneida Rural Historic District and turn left off M-22 a mile on Good Harbor Trail/CR 651.*

Peterson Beach has a boardwalk crossing the low dunes from the parking lot to the beach. It’s great for those who want to get away from it all on a quiet stretch of sand. Peterson has a very long beach and a wide vista of Empire Bluffs to the north and the Platte River Point to the south. *Eight miles south of Empire, take Peterson Road at M-22.*





Port Oneida Rural Historic District

Imagine the farming life in Leelanau County circa 1880. Pick up a brochure for the self guided tour throughout the year or see the farms come alive at the 2007 Port Oneida Fair on August 10 and 11. *About three miles north of Glen Arbor on M-22.*



Saturdays at the Lakeshore

Ranger Peg invites you to join Ranger-led hikes and programs every Saturday January through October. During January and



February, explore the winter woods on snowshoes (loaned free with instructions). In early spring, hike to a historic maple syrup house and taste some sap direct from the trees, or be on hand to see eagles migrating back to their summer homes. Visit a beaver lodge in the summer to witness the work of their impressive teeth, or hike to spooky Devil's Hole during Halloween week.

Saturday activities always begin at 1 pm at the Lakeshore Visitor Center in Empire. After a brief introduction, everyone travels a short distance by car to the trailhead. Hikers will be out about an hour and a half and the activity will be concluded by 3 pm. The hikes will be no more than moderately strenuous and are suitable for folks of all ages. Parents are encouraged to bring children along. Reservations are not required, but are suggested if you are bringing a group or need snowshoes.

If you are in the area on any Saturday, (except November and December) meet at the Visitor Center at 1 pm. *Call 231-326-5134, extension 328, for details.*

Visit South Manitou Island or North Manitou Island

An exciting way to catch a glimpse of local maritime history and rural culture is to visit the nearby Manitou Islands. Take a ferry from Leland for a day trip or to camp. *See page two for details.*



Glen Haven Historic Village



Step into the past with Ranger Bill in this one-time bustling port. The village was a company owned steamboat stop from 1865 until 1931. Sleeping Bearville, as it was originally called, was a natural harbor sought out by northbound steamships sailing from Chicago for Buffalo, NY. Here ships took on some of the 300 cords of wood burned during that trip. *Please note that a section of the shoreline is sometimes closed to protect the nesting Piping Plovers. Picnic area with grills and nearby flush toilets available. Check the schedule of Ranger-led walks through town at the Visitor Center and campground offices Glen Haven is located on M-209, two miles west of Glen Arbor, just off M-109.*

Cannery Boat Museum

In what was once a cherry and apple cannery there now exists a collection of historic Great Lakes boats, including boats, motors, and equipment. Friendly volunteers are on hand for impromptu interpretive talks or to answer your questions throughout the day. Outside, pilings which supported Glen Haven's long dock can still be seen stretching about a hundred yards out from shore. *Open 11-5 daily, May 26 to September 3.*

Sleeping Bear Inn

Imagine kitchen smells from the Sleeping Bear Inn, built in 1863 to house woodcutters and lumberjacks. For many years trees were cut on the surrounding hills, the logs rolled into Glen Lake and floated to the sawmill located near the current site of Glen Lake Picnic Area. Horse drawn rail cars carried the wood to the dock in Glen Haven. Workers were often immigrants working 12 hour days, six days a week, saving to bring their families to join them.



Glen Haven General Store

Treat yourself to old fashioned candy at lumber baron D.H. Day's General Store, restored to appear as it did in the 1920s. It was built in 1867 as a company store to provide goods for workers. David Henry Day came to Glen Haven as a young man in 1878 to manage the cord wood operation. By 1881, Day was able to buy the town and his office can be seen in the back of the store. He built a fine farm (*now privately owned*) not far from Glen Haven and walked there every day to supervise the care of his prize dairy herd. He and his family lived above the store amid the activity of this once bustling town. Today, the historic store carries typical general store merchandise and items related to the history of the Glen Haven area including kitchenware, foods, toys, maritime items and books. *Open noon to 5 pm May 26 to June 30 Fri, Sat, & Sun only. Open daily noon to 5 pm July thru September 3, 2007.*



Blacksmith Shop

Hear the ring of a hammer and anvil as the blacksmith stokes up a fire, heats iron until it's red hot, and forges a tool before your eyes. The Blacksmith Shop is in the red barn just up the street from the Glen Haven General Store. Blacksmiths were important craftsmen who fashioned tools, hardware, and kitchen implements, and also repaired wagons, saws, anchors, pulleys and even steam engines which powered the sawmill. Volunteers in the fully restored 1920s Blacksmith Shop provide demonstrations for all ages. *Open daily 11 am to 5 pm, May 26 to September 3, 2007.*



Maritime Museum



Tour the crew quarters and boathouse at the Life Saving Station Maritime Museum at Sleeping Bear Point. Exhibits highlight the US Life Saving Service and Great Lakes shipping history. One room is outfitted as a steamer wheelhouse and another is the surfmen's quarters. The boathouse holds an unsinkable rescue boat, cork flotation vests, a set of signal flags and other period rescue equipment. Impromptu interpretive talks are given throughout the day. *A sand-accessible wheelchair and accessible public restrooms are on site. Open daily 11 am to 5 pm May 19 to September 3. September 4-30 daily, noon to 5 pm. October 1-14 weekends only, noon to 5 pm.*



Heroes Of The Storm 3 pm Daily

Each afternoon at 3 pm throughout the summer, participate in a reenactment of a shipwreck rescue utilizing US Life Saving Service rescue techniques. Children and adults alike are "recruited" to help with the exciting breeches buoy rescue and learn about the surfmen who did this for a living. A Park Ranger will demonstrate use of equipment and instruct you to roll out the beach cart for a rescue drill. The role of the Lyle Gun will be explained. In the late 1800s the US Life Saving Service crew risked their own lives in the worst weather conditions to rescue passengers from shipwrecks. These men lived at the Sleeping Bear Point Life Saving Station and patrolled the beaches day and night looking for ships in distress.

Lyle Gun Firing 3:30 pm Thursdays

Fire! In another ranger-led activity, a Lyle Gun firing demonstration occurs once a week on the beach throughout the summer. This small cannon (the only one ever built to save lives) was used by the US Life Saving Service to send a line out to a ship in distress in order to pull victims ashore. *At 3:30 pm on Thursdays, following the Heroes of the Storm at the Life Saving Station Maritime Museum.*

Historic Beach Patrols

Patrol the beach for shipwrecks with a surfman from the US Life Saving Service. A realistic night-time reenactment is scheduled during the fall shipwreck season. The worse the weather, the more realistic, so dress appropriately! *Check the Ranger Programs listing for events and times. 7:30-9:30 pm Saturday, October 20.*



Thank You!

Thank you for the entrance and camping fees you pay when you come to Sleeping Bear Dunes National Lakeshore. Eighty percent of those dollars finance much needed projects that contribute to a more enjoyable and safe visit for all.

Park visitors in historic Glen Haven marvel at the General Store that takes you back to the 1920s. National Park Service maintenance crews did a remarkable job at restoring history while providing for our enjoyment. The nicest restrooms in the park were installed in a historic building, while young and old alike enjoy demonstrations given daily by knowledgeable volunteers using the forge at the Blacksmith Shop. All of these facilities were made possible by your fees!

Fee dollars have been used to upgrade trails on North Manitou Island, dredge the dock areas on North and South Manitou Islands, improve trailhead parking lots, and provide

ranger-led programs. This year, your fees will contribute to updating our orientation slide show in the Visitor Center and converting it to digital format; upgrading other audio-visual programs to make them more accessible to the hearing and sight impaired; and for various exhibit repairs. Thank you!



More will be accomplished with this funding every year. Thank you, again, for your continued support. Look for improvements to visitor facilities and services at Sleeping Bear Dunes National Lakeshore on each and every visit and take pride in the fact that your fee dollars are making a difference!

Friends of Sleeping Bear Dunes

The Friends of Sleeping Bear Dunes was founded in 1994 and is a volunteer, non-profit organization that works for Park goals, helping whenever needed. Many Friends members are also Volunteers-in-Park (VIPs). One of the chief functions and unique services the Friends offer is obtaining and administering grants and memorial funds which individuals, companies and other organizations provide to the park. With tax-exempt 501(c)(3) status, donations of cash or property may be claimed as tax deductions. To date, the Friends has provided the park with two Automatic External Defibrillators to save lives, Global Positioning System equipment for research, funds to enhance education and interpretive programs and exhibits, and fencing materials to protect Piping Plovers. This group is an integral player in the annual Port Oneida Fair, too. Look for their newest publications – a driving tour of Port Oneida and a walking tour of Glen Haven, available in Park bookstores. Visit the website at www.friendsleepingbear.org for more information and a wildflower field guide.



Preserve Historic Sleeping Bear

Since 1998, Preserve Historic Sleeping Bear (PHSB) has been a park partner dedicated to sponsoring volunteer restoration projects and raising money to save the historic buildings and landscapes of the Lakeshore. Preserve itself is now the adaptive-use partner for the Charles and Hattie Olsen house in Port Oneida Rural Historic District which is open to the public three days a week. At the Port Oneida Fair every year, this farmstead comes alive with activities inside and outside of the house and big red barn! If you would enjoy gaining an appreciation of the area's history, exploring the trails to other historic farmsteads, or perhaps, supporting Preserve's efforts through funding or volunteer assistance, visit at the Olsen farm. For information about PHSB, its membership, projects and programs, call 231 334-6103 or visit them at www.phsb.org.



Student Conservation Association

Every summer, students from high schools and colleges across the country join the Student Conservation Association (SCA), work in Sleeping Bear Dunes NL, and become valuable park partners who really get their hands dirty. The young women and men of the SCA comprise the nation's largest volunteer force in conservation today. Two crews of high school SCA interns each spend six weeks here maintaining trails so that visitors have safer and more enjoyable visits to the park. Several university level SCA interns work 12 weeks each summer removing invasive, non-native plant species, planting native species, and conducting surveys of the same within the Lakeshore. In the past some volunteers monitored daily behavior



of nesting Piping Plovers. Without these energetic, responsible and eager-to-learn young folks, much needed work would go unfinished. Many SCA interns are hired as park staff for subsequent summers which may even lead to life-long careers with the National Park Service. For more information visit www.thesca.org.

Manitou Island Memorial Society

The mission of the Manitou Island Memorial Society (MIMS) is to preserve and interpret the history and cultural traditions of North and South Manitou Islands. Members are involved in research, fund raising, hands-on maintenance and restoration projects (including the fishing shed shown above), and interpretation initiatives. Current projects include the restoration of South Manitou's historic one-room schoolhouse; co-sponsoring and exhibiting at the annual Port Oneida Fair; and assembling islanders' oral histories. Each year at the Empire Township Hall on the last Saturday of July, there is an annual reunion - a time for renewing old friendships and making new ones. Everyone is welcome. The next day is an excursion to South Manitou Island for a picnic and a special memorial service at the island's cemetery. They have a growing membership of over 450 people from across the country. The islands have a special way of getting into visitors' hearts. When that happens to you, the Memorial Society is the place to nurture that enchantment. Visit www.manitouislands.org for more information.

Join Us in Mapping the Future

Sleeping Bear Dunes National Lakeshore is preparing a General Management Plan (GMP) and Wilderness Study (WS) and we would very much like to hear from you - the public and park users! The GMP is intended to guide park management decisions over the next 20 years. Our current plan was adopted in 1979 and since then, a number of issues and conditions have changed. And through a Wilderness Study, we will take a fresh look at wilderness potential in the park.

From the hundreds of responses we have already received at open houses, planning workshops, in the mail, and via the internet, a set of Preliminary Alternatives for future park management has been crafted. We are now asking you to choose which elements of these Preliminary Alternatives you

would like to see included in a Preferred Alternative, to be developed in the next phase of planning. By the end of 2008, we hope to select among alternatives and finalize the GMP. You are urged to participate and have your voice be heard!

Although the planning process may seem complex, it is actually quite easy to participate. Public involvement opportunities will continue to be open to all. Stay informed by getting on our mailing list, and visiting our website, www.nps.gov/slbe. It is easy to provide your comments online or by mail. There is even a new web forum link for on-line discussions about the plan! In addition, we will schedule public meetings during each public comment period. Our general planning timetable is as follows:

GMP Planning Activity	Dates	Public Involvement Opportunities
Set the stage for planning: Review draft purpose and significance, determine issues and concerns.	Feb 14, 15, Mar 12, 2006	150 persons attended the three open houses to learn about the planning process and offered ideas about what the plan should address. Over 300 written comments were received and reviewed.
Develop Alternative Management Concepts: Identify a range of alternatives for the park's future and consider their effects.	June 20, 21, 2006 Fall 2006	Nearly 70 people attended three workshops to help craft alternative management concepts. Additional written comments were received. Nearly 200 written comments were received on the management zones and management concepts.
Develop Preliminary Alternatives: Develop the management concepts into full preliminary alternatives. Consider different aspects of the preliminary alternatives before selecting or crafting a preferred alternative. (we are at this stage)	Spring 2007 to Summer 2007	Attend May public workshops or comment on the preliminary alternatives in other ways. Provide suggestions for a preferred alternative.
Select Preferred Alternative and Prepare Draft General Management Plan / Wilderness Study / Environmental Impact Statement: Prepare draft describing the management alternatives and impacts; distribute to the public.	Fall 2007 to Spring 2008	Provide written comments on the draft document. Attend public meetings/hearings and provide comments.
Revise and Prepare Final General Management Plan / Wilderness Study / Environmental Impact Statement: Analyze comments, prepare responses to comments, revise draft document, distribute to the public.	Summer 2008 to Fall 2008	Thank you for your participation in the planning and continued interest in the future of Sleeping Bear Dunes National Lakeshore!
Implement the Approved Plan: Prepare and issue Record of Decision and implement plan as funding allows.	Winter 2008-2009 and beyond	Stay involved throughout the implementation of the approved plan. Let the park know what you think.

What's Killing Our Birds?

In August 2006, visitors and Lakeshore staff began finding dead gulls and cormorants along the beaches north and south of the Platte River mouth. Carcasses were collected and sent to the Michigan Department of Natural Resources (DNR) Laboratory at Michigan State University. The lab determined Type E Botulism bacteria caused the die-off.

In late September a second, much larger die-off began and continued into late November. Again, several different species of waterfowl which feed on fish in the lake began washing up on shore and soon could be found on all of the Lakeshore's southern beaches. Loons, gulls, grebes, cormorants, mergansers, scoters and several fish all fell prey to the bacteria's highly potent toxins. The DNR lab verified that Type E Botulism was the culprit, again! Approximately 3,000 birds had died by the end of 2006, and 180 were Common Loons. What a terrible loss, especially for this bird which is not common in Michigan any more, but is actually listed as threatened! Lakeshore biologists quickly



conducted research on what might have lead to such an event. Research from other Great Lakes, which have been experiencing similar yearly die-offs since the late 1990s, indicates that a host of non-native species is promoting these toxic conditions and that the die-offs may become annual events. First, it appears that zebra mussels, notorious invasives, have filtered and cleared up the lake water which results in widespread and heavier than usual growth of Cladophora algae. This thick green algae dies back and decays in mats on the lake bottom, serving as a perfect place for the botulism bacteria spores to grow. Then, whenever Lake Michigan waters turn over, the botulism bacteria gets mixed up in the water. The zebra mussels then filter the botulism out of the water and it becomes concentrated in their systems. They in turn are eaten by round gobies, a relatively new invasive fish species, which becomes sick from the bacteria's toxin. As large numbers of sick gobies float to the lake surface the fish-eating birds congregate for an easy meal. Within a few days, they too succumb to the toxins. Lakeshore biologists and interested scientists have developed several research proposals that will hopefully be funded soon. When they can determine the exact pathway of the Type E botulism, they will then be able to look for ways to break this deadly cycle.

While enjoying the beaches, in the meantime, Lakeshore visitors should use common sense and avoid contact with any dead birds. Botulism in the water poses no threat to humans, so swimming is safe.

Loon photo courtesy of US Fish and Wildlife Service.

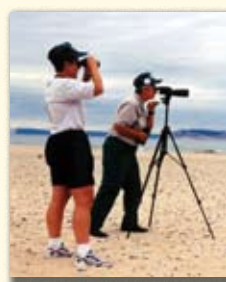
A Tribal Gift

When a biologist from the Little River Band of Ottawa Indians called and asked if Sleeping Bear Dunes was interested in releasing a few young Trumpeter Swans within the Lakeshore, we could not believe our good fortune! Imagine our delight when we released eight young swans back into their historical environment from which they had been hunted into extinction by the year 1900. After spending the later summer months within some preferred wetlands, the swans, North America's largest waterfowl, moved out onto Lake Michigan and delighted beach goers and bird enthusiasts. They



overwintered here and have been seen swimming and feeding on local inland lakes. It is hoped that they will eventually breed and nest again here. Mute Swans, their smaller, non-native cousins, are identified by an orange beak with a large black bump. Trumpeters' beaks are completely black. *Photo courtesy of Alice Van Zoeren.*

In the Spotting Scope: Piping Plover



The Piping Plover in the Great Lakes area is an endangered species. To protect Piping Plover nesting areas, portions of Glen Haven, Tiesma and Platte Point

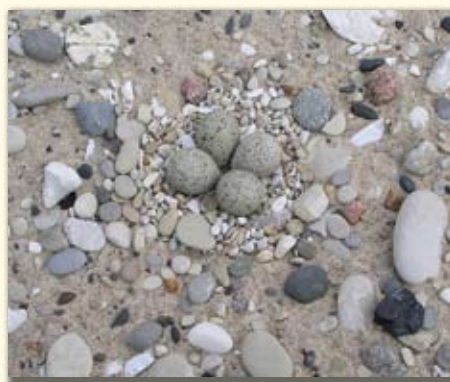
beaches, and beaches on North Manitou Island, are closed each spring through mid-summer while the birds nest and raise chicks. Visitors may walk outside closed areas, which are cordoned off and posted. Contact a ranger or plover volunteer for more information about, or a chance to watch this endangered species.



Scientific Name - *Charadrius melodus*
 * Appearance - Small, stocky shorebirds have sand-colored upper body, white underside, and orange legs. During breeding season, adults have black fore head, black breast band, and orange bill.
 * Habitat - Wide, flat, open, sandy beaches with very little grass or other vegetation. Nesting territories often include small creeks or wetlands.
 * Reproduction - The female lays four eggs in its small, shallow nest lined with pebbles or broken shells. Both parents care for the eggs and chicks. Chicks are able to run about and feed themselves within hours.
 * Feeding Habits - Insects, spiders, and crustaceans.
 * Range - Migratory; spring/summer: breed in northern United States and Canada. 1) Shorelines of the Great Lakes 2) the shores of rivers and lakes in the Northern Great Plains, 3) along the Atlantic Coast. Their nesting range has become smaller over the years, especially in the Great Lakes area. In the fall, plovers migrate south and winter along the coast of the Gulf of Mexico or other southern locations. Biologists are still studying winter ranges.

Little Birds Make Big Strides

Once again, Sleeping Bear Dunes had a highly successful Piping Plover breeding season last summer. Twenty nesting pairs were protected along the shoreline and raised 44 chicks: a 70% fledging success rate! Current recovery goals for the endangered Great Lakes Piping Plover are set at 150 breeding pairs throughout the Great Lakes, with at least 100 of those pairs from Michigan, for at least five consecutive years. In 2006, there were 53 breeding pairs throughout the Great Lakes with 49 from Michigan. As the population increases, pairs expand into new nesting locations. Keep in mind these birds and their young, which cannot fly, share the beach with you. Be sure to keep your pets on a leash at all times to protect these vulnerable birds. If you happen to spot a plover outside of an area posted for their protection, please observe it from a distance and report your sighting to the Park Headquarters. *Photos courtesy of Alice Van Zoeren.*



Why is the Piping Plover Endangered?
 * Habitat Loss or Degradation - Many coastal beaches traditionally used for nesting have been lost to development.
 * Nest Disturbance and Predation - Piping plovers are very sensitive to the presence of humans. Too much disturbance causes the parent birds to abandon their nest. People using the beaches where the birds nest sometimes accidentally crush eggs or young birds. Undeveloped beaches have many conflicting users. Beach goers (on foot and off road vehicles) disturb the small birds, while pets, coyotes, raccoons, seagulls, merlins and other wildlife prey upon nests and chicks.

Wildflowers

Wildflowers are abundant in Sleeping Bear Dunes National Lakeshore from early spring through late fall. To find out the names of those you've spotted, check out the Friends of Sleeping Bear Dunes website at www.friendsofsleepingbear.org. Park Volunteer and Friends group chair, Kerry Kelly has created an on-line wildflower reference tool categorized by color and season of bloom. Reference books are also available for purchase at Lakeshore bookstores.



Bears in the Park?

Dear Ranger Ken,
 Are there bears in the Park?
 Signed,
 Jr. Ranger

Dear Jr. Ranger,
 It is rare to have evidence of bears in our Park, although they have been seen. Because this park is long and narrow, any bear stopping in soon wanders back out. In the photo below I am holding plaster casts of black bear foot prints. The tracks were made in the wet sand as the bear went to get a drink from Lake Michigan.

While you probably won't see a bear, you may be able to spot other wildlife in the park. Some commonly seen residents include deer, beaver, coyotes, porcupine, skunk, opossum, and fox.

As you hike the trails, also look for these interesting birds: turkeys, eagles, loons, heron, cranes, Trumpeter Swans, Turkey Vultures, a variety of ducks, Red-tailed Hawks, Pileated Woodpeckers, bluebirds, Indigo Buntings, Scarlet Tanagers, and orioles; in addition to the plovers, an endangered species that calls the Lakeshore home.

Make sure to let a Park Ranger know if you do see a bear. Have fun and be safe watching wildlife from a distance.

Sincerely,
 Ranger Ken, Park Biologist



Special Events*



Saturdays

1 pm to 3 pm



June 23 & 24, 2007

9 am to 5 pm



July 15, 2007

7 pm to 9 pm

August 10 & 11, 2007

10 am to 5 pm



August 23, 2007

10 am to 5 pm

September 29, 2007

September, October 2007

October 20, 2007

7:30 pm to 9:30 pm

October to November 2007

Various Hunts / Dates

Saturdays in Winter

Snow permitting.

1 pm to 3 pm

April, 2008

Time to be announced

April, 2008

Time to be announced

June, 2008

Friday, Saturday

Saturdays at the Lakeshore

Meet a Ranger at the Philip Hart Visitor Center in Empire. Weekly interpretive programs with topics and trails varying throughout the year. Learn something different about the natural wonders and historic importance of the National Lakeshore. (Year-round except November and December.)

Michigan Barn Preservation Network Workshop, Annual

Ole Olson Farmstead, Basch Rd. off M-22. An opportunity to learn new skills and help restore historic buildings. Call for information or to sign up.

Dune Climb Concert, Annual

At the base of the Dune Climb on M-109. A free open-air concert brought to you by the Glen Arbor Art Association (GAAA). For details, visit the GAAA website at www.glenarborart.org (click on Manitou Music Festival).

Port Oneida Fair, Annual

Port Oneida Rural Historic District. Arts and crafts, rural life skills demonstrations at a variety of farmsteads in the Port Oneida Rural Historic District. Visit the fair website at www.leelanau.com/fair.

US Life Saving Service/Coast Guard Festival, Annual

Sleeping Bear Point Maritime Museum. Celebrate the heroes who patrolled the beaches and saved lives from shipwrecks.

National Public Lands Day & Volunteer Event, Annual

Enjoy the park on this annual "fee-free" day and/or participate in a Take Pride in America/Coastal Cleanup event.

Artist-in-Residence, Annual

Each month, a visiting artist will share his or her work at a public program and by donating a piece of their art to the park.

Historic Beach Patrol, Annual

Sleeping Bear Point Maritime Museum. Dress for the weather and walk the beach with a surfman from the US Life Saving Service in search of a shipwreck.

North Manitou Island Deer Hunt, Annual

On North Manitou Island. Apply to Park for permit.

Snowshoe Hikes with a Ranger

Meet at the Visitor Center at 1 pm for orientation and instructions. Then drive to hike location. Snowshoes loaned free of charge.

Antique Apple Tree Pruning Workshop, Annual

Learn how to maintain neglected apple trees, how to bring them back into production, and keep them healthy.

National Park Week and Junior Ranger Day, Annual

Events to be announced.

Glen Haven Days, NEW!

School groups and visitors learn about lumbering, shipping, and US Life Saving Service through hands-on activities.

*For more details and information call 231-326-5134, or go to www.nps.gov/slbe.

Hike a Trail



Ranger Marie suggests you investigate the Lakeshore's significant features by following a trail on foot, snowshoes, or cross country skis. Here she outlines some highlights of the 13 mainland trails. *A trail guide with maps is available at Park bookstores for three dollars. Take the Park map with you. Each developed trail has a corresponding number showing the trailhead location.*

- 1 Old Indian Trail:** Two easy loops of about 2 1/2 miles each begin in the woods and take you to low dunes along the Lake Michigan shore. Also a ski trail.
- 2 Platte Plains Trail System:** Loops around Otter Lake and Otter Creek for five miles. It is mostly flat, easy walking with woods, open meadows and lakeshore to enjoy. Also a ski trail.

Lake Michigan starts at the Dune Climb. Crossing nine hills, hikers may be exposed to temperature extremes, blowing sand, lightning, and sunburn. Take plenty of water and wear protective clothing!

- 8 Duneside Accessible Trail:** A great trail for everyone. It runs along at the base of the dune at the Dune Climb. There are benches along the way and a quiet viewing deck at the end. Be sure to inspect the giant yard stick stuck in the side of the dune which measures the speed at which the dune is advancing.
- 9 Sleeping Bear Point Trail:** A three mile loop from the Glen Haven Maritime Museum, out over the dunes to the Sleeping Bear Point. (A spur trail takes you to the beach.) Be prepared on any dune trail; take water, compass, good walking shoes, and adequate clothing for rapidly changing weather conditions.



- 3 Empire Bluff Trail:** One of the Park's most popular trails. It is short, quite hilly, leads through magnificent old woods and out to a spectacular lookout on Empire Bluff.
- 4 Windy Moraine Trail:** A quiet trail with one big hill. Also a ski trail.
- 5 Shauger Hill Trail:** A 2.4 mile loop through the woods near the Scenic Drive. Also a cross country ski trail.
- 6 Cottonwood Trail:** 1 1/2 mile trail starts at stop 4 on the Stocking Scenic Drive and takes you across the top of the perched dunes. It's not too hilly, but all sand, and there's no shade.
- 7 Dunes Trail:** Only for hardy folk, the four mile round-trip hike to
- 10 Alligator Hill Trail:** Three strenuous forested loops, the easiest is a 2.7 mile hike up a long hill. The views from the lookouts at the top are always worth it. Also a ski trail.
- 11 Bay View Trail:** The shortest loop is only about a mile long. The view from the top of the knoll is 360 degrees of breathtaking beauty. More loops, different lengths. Also a ski trail.
- 12 Pyramid Point Trail:** This 2.7 mile trail is a challenge as it climbs a steep hill to the top of Pyramid Point. Outstanding view of the Islands.
- 13 Good Harbor Bay Trail:** A flat, quiet 2.8 trail that circles through woods and wetlands. Also a ski trail. *Photo copyright Joanne Rettke.*

Support The Park With Your Purchases

Look for future sales items coming soon with original Sleeping Bear Dunes artwork. The *America's National Parks Collector's Series* consists of collectable pins, patches, magnets, and decals featuring original designs by illustrator, Frank McShane. This unique, colorful style has helped create a new illustrative standard for America's most important resource: our national parks. Check out the rest of the series at www.eparks.com store.

Eastern National is a private, non-profit organization which operates the sales outlets at the General Store, Dune Center, and Visitor Center. A portion of the proceeds is donated to Sleeping Bear Dunes National Lakeshore to support interpretive and educational programs, including the printing of this publication.



Pets are Welcome



Pets controlled on a six-foot leash may accompany visitors for many activities in the park. Pet owners need to know the rules, and remember that they are enforced to protect wildlife, and to provide an enjoyable experience for all visitors. Please plan ahead. Carry extra water for your pet. Protect your pet from temperature extremes: sand can burn their feet.



Pet Rules

- Pets must be controlled on a six-foot leash at all times.
- Pets may not be left unattended or tied to an object.
- Do not allow your pet to make unreasonable noise.
- Clean up after your pet and dispose of waste in trash receptacles.
- Keep your pet from interacting with wildlife or disturbing park visitors.
- Be familiar with No-Pet-Zones and heed "No Pets" signs posted throughout the park.

No-Pet Zones: Areas in the park have been closed to pets for the protection of wildlife and to ensure the enjoyment of all visitors. These areas include the Dune Climb, Platte River Point, Glen Lake Picnic Area, North Bar Lake, and North and South Manitou Islands. In addition, sections of some beaches and designated cross country ski trails are posted "No Pets" part of the year.