

View from the Dunes

The Official Park Informational Journal

1999 Edition

FREE

Welcome to Sleeping Bear Dunes National Lakeshore

Welcome to Sleeping Bear! Situated on the northwest shore of Michigan's Lower Peninsula, the park is located in a predominantly hilly region fringed with massive coastal sand dunes, northern hardwood forest and dotted with clear inland lakes.

For thousands of visitors each year, Sleeping Bear Dunes offers a wealth of opportunities to enjoy the outdoors. Many come to play at the Dune Climb or to savor sweeping views of land and water from the park's byways. Others come to hike the trails, where they find a rich variety of wildflowers, mammals and birds. Beachcombers enjoy long walks on Lake Michigan's beautiful shoreline, pausing frequently to admire the array of pebbles, shells and fossils. Canoeing, kayaking and fishing dominate summer sports while cross-country skiing and snowshoeing occupy the winters.

Glen Haven, Port Oneida and the Manitou Islands, once busy hubs of northern subsistence, now offer windows through which we may glimpse the past, allowing us to touch our forebears. Crop farming followed the cutting of the forests but it, like lumbering, soon faded. Many farmers abandoned their fields, leaving them to return to their natural state. As is evidenced today, orchard growers had much greater success with cherries and apples, still abundant throughout the entire region.

Whether your interests lie in a vigorous climb up and over the dunes or in the magnificent beauty of the pastoral overlooks along the Pierce Stocking Drive, Sleeping Bear has something for everybody - and we offer our beauty to YOU!

**Explore Your National Parks
It's an AWESOME Experience!**



Lake Michigan Overlook & the Sleeping Bear

The Philip A. Hart Visitor Center

The Visitor Center/Headquarters for Sleeping Bear Dunes National Lakeshore is located on Highway M-72 at the east edge of the village of Empire. Dedicated to the highly respected late Senator, the staff strives to uphold his legacy of "character, integrity and hard work" in providing excellent service to the park's visitors.

Located in the unique gray-washed structure reminiscent of the old Life-Saving Stations, the Center is the hub of Visitor Services, providing facilities and services such as:

- ~ a 15-minute inspiring slide show entitled "Dreams of the Sleeping Bear" - it also provides an excellent orientation to the park
- ~ museum-quality exhibits and dioramas that fulfill the inquisitive nature of children and adults alike
- ~ a large-scale relief map of the park that aids in decisions to be made about which hiking trails are the most suitable for the day
- ~ a bookstore-style sales area that offers books, videotapes, maps, posters and other educational materials to reinforce the memories of your trip
- ~ and, of course, super-clean restrooms, a public telephone and our ever-helpful, attentive and informative staff of rangers and VIP's at the Information Desk.

Hours of Operation

The park is open 24 hours, year-round, but certain facilities have specific hours of operation which should be noted:

Visitor Center: daily, 9:00-6:00 summer; 9:00-4:00 winter; closed on holidays during the winter.

Scenic Drive: April - November; open from 9:00 am to 10:00 pm, or 1/2 hour after sunset, whichever occurs earlier.

Maritime Museum: seasonally, 10-5 daily; the Cannery is open seasonally 11-3.

The Dune Climb is open 24 hours.

VIP's Make a Difference!

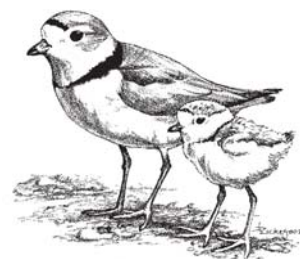
Americans have enjoyed a love affair with their National Parks since Yellowstone, our first National Park, was created in 1872. Now you can help the National Park Service care for your parks by joining the 70,000 people nationwide who volunteer their time and talents to help us safeguard this heritage each year.

At Sleeping Bear Dunes in 1998, 292 VIP's (Volunteers-In-Parks) donated 16,117 hours of work: an estimated

value of \$221,500! VIP's have assisted park personnel in all facets of park management: from maintenance to natural resources; from administration to visitor services.

To apply for VIP work, fill out the application form found in the "Volunteers" brochure available at park facilities and submit it. The coordinator will review the application and pass it along to the park supervisor who best matches your skills and interests. **Happy VIP'ing!**

*Hey, Mom
and Dad -
How far
are we
from those
HUGE Dunes?*



**GREAT INFO FOR NEW FRIENDS AND
OLD FRIENDS WANTING TO CATCH UP!**

**POSTMASTER:
Please rush delivery to:**



Fun Things to See & Do While Visiting Sleeping Bear Dunes!

☒Climb the sand dunes!

Head for The Dune Climb! Located on M-109 just south of Glen Haven, this 60 m (200-foot) hill of pure, soft sand begs to be climbed, rolled down and repeated numerous times! It is the perfect, safe place for kids to expend some pent-up travel energy... and for adults to be kids again, too!

☒Tour the Pierce Stocking Scenic Drive

Also off of M-109 between The Dune Climb and highway M-22, the 12 km (7.4 mi) Scenic Drive will provide one of your most memorable experiences in the park. Beautiful picnic areas, hiking trails and world-class vistas await you around every curve!

☒Help with a Life-Saving Rescue

Raggedy Ann and Andy are sailing Lake Michigan when they are caught in a sudden storm and need your help! Quick - head for the old Coast Guard Station (the Maritime Museum) and help the Ranger rescue them! This exciting re-enactment of the daring rescues performed by the U.S. Life-Saving Service happens every afternoon during season...

☒Join a Ranger-guided Nature Walk

There are numerous Ranger-led activities during the summer months that will delight and educate kids and adults alike. Whether a day-hike or an evening Campfire Program, interaction with the Rangers will always provide a highlight for your trip.

☒Become a Junior Ranger!

Stop in at the Visitor Center in Empire to obtain your Junior Ranger Workbook (\$1⁵⁰), complete the challenges throughout your visit and bring it back to the Visitor Center. The Ranger will go over your answers with you and, **if you've done a good job**, award you with your official Junior Ranger Patch! This is an excellent educational and fun activity for the whole family.

☒Cruise to the Manitou's

South Manitou Island features a beautiful 1800's lighthouse, sentinel of the southern entrance to the Manitou Passage. Tours of the lighthouse are given daily - climb to the top for a true bird's eye view! The island offers three backcountry/primitive campgrounds, great day-hike opportunities and tours of the old village. For the truly adventurous souls, North Manitou Island provides the ultimate setting for a wilderness backcountry experience.

(Whew! This list is getting long!)

☒Hike, fish, swim, canoe or kayak

Any or all of the above! There is so much to see and do at Sleeping Bear Dunes that you are going to want to spend several days enjoying the wonders of the park - and then not want to go home afterwards! But it's okay: we'll be here, anxiously awaiting your return next year! (And the year after that, and...)

☒Snowshoeing and Cross-Country Skiing

Yes, the park is open in the winter too! Enjoy the snow by participating in one of our Ranger-guided snowshoe hikes. Whether you are a beginner or an experienced trekker, this is great fun! Or use one of the many ski trails the park offers - over 70 km (42 miles) of pristine beauty await you along cross-country trails for all skill levels. It's all big snow fun!

The National Parks Passport Programs

The Federal government offers "passports" that are valid for a wide variety of facilities. These passport programs admit the cardholder and their party (within one *non-commercial* vehicle) to most National Parks, monuments, historic sites, recreation areas and national wildlife refuges that charge an entrance fee.

Golden Age Passport
for citizens 62 and over,
Lifetime pass: **\$10.00**

Golden Access Pass.
for disabled citizens
..... **Free**

Golden Eagle Passport
any age, valid for one
year from the date of
purchase **\$50.00**

Golden Age & Access Passports also provide a 50% discount on federal use fees charged for facilities and services such as camping, swimming, parking, boat launching and cave tours. They do not cover private concessioners' fees.

A Welcome from the Superintendent

On behalf of your National Park Service, we extend a warm welcome to Sleeping Bear Dunes National Lakeshore.

Here in a diverse landscape that owes its appearance to shaping by the last continental glacier, you will find much of scenic, recreational and educational interest.

Much has happened since we published the first issue of our newspaper just a year ago. We have seen our visitation grow to an all-time high: almost 1.3 million people stopped by in 1998. Our second year of collecting entrance fees has had a profound and positive impact on facilities and services, as eighty percent of that money stays right here for improvements.

Planning is underway on an Historic Properties Management Plan, which will identify what we will
(continued on Page 6)

1999 Fees at a Glance

Park Pass **\$7.00**
per vehicle, valid from 1 to 7 days

Annual Pass **\$15.00**
valid January 1 to December 31

Commercial Tours

Passenger Vehicle (1-6) \$25.00
Van (7-15) \$40.00
Mini-Bus (16-25) \$40.00
Motorcoach (26+) \$100.00

School Groups

Fees for bona fide educational groups (public & private schools) are waived with prior application to the park.

All Park Passes and Fee Waivers are to be displayed prominently on the driver's side of the dashboard.

Why Entrance Fees?

Welcome! The National Lakeshore is being cared for today and preserved for future generations by the American people. This dual objective use and preservation comes at a price: protecting our natural and cultural heritage while ensuring that everyone has a safe, enjoyable and educational experience costs money.

Even as the number of visitors to National Parks continues to climb due to the popularity of the national treasures, government funding available for facilities and services has not kept pace with demand. In 1996, to address these needs, Congress directed the U.S. Department of the Interior to implement the Recreation Fee Demonstration Program. The program will help spread some of the costs for managing these lands among those who use them.

Managing our public lands is a major financial investment. While most of that investment comes from the general tax base, those who use these areas for recreation derive a greater benefit from - and place a greater burden on - resources than the public at large. These new fees redistribute that burden so that users pay an increased share of the costs.

Eighty percent (80%) of the new fees will remain in the park where they are collected, with the remainder being distributed to other parks as needed. The money will be used for:

- ❖ Repairs and improvements to roads, trails, buildings and campgrounds.
- ❖ Improved signs and exhibits.
- ❖ Educational programs, guided walks and hikes, and other visitor activities.
- ❖ Natural habitat protection.
- ❖ Stabilization and restoration of historic structures.
- ❖ Visitor Safety and protection.

The future of these public lands rests with all American citizens. The action we take today will reflect the price we are willing to pay to pass these lands on to future generations, protected and in better health. We need and welcome your support. Thank you!

USERFee

improves this park



Camping at Sleeping Bear Dunes N.L.

The National Lakeshore offers camping opportunities for campers of every persuasion: wilderness backpacking, easy-access backpacking, primitive drive-in campgrounds and completely modern, full-amenities campgrounds. Whether hiking, tenting, RV'ing or requiring facilities for large groups, we can provide the perfect match to your needs. Within our fully modern campground, we even provide walk-in sites for those who prefer more seclusion but still want the availability of hot showers. No matter what your choice is, camping at Sleeping Bear will provide a memorable experience that will leave you wanting to come back for more!

Platte River Campground

- ◆ **Open year-round**
- ◆ **Reservable sites** (limited)
- ◆ Modern facilities
- ◆ Sanitation Station
- ◆ Potable Water
- ◆ Showers
- ◆ RV, tent, group and walk-ins
- ◆ Evening Ranger Programs
- ◆ Trails to Lake Michigan
- ◆ Nearby hiking trails

Electric sites: 96, 27 reservable; \$19.00

Non-electric: 53, 10 reservable; \$14.00

Walk-in sites: 25, 6 reservable; \$10.00

Groups (7-25): 5, all reservable; \$40.00

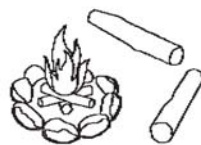
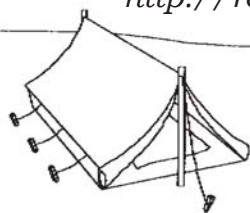
For RESERVATIONS:

call 1-800-365-CAMP

(1-800-365-2267)

or via the Internet at

<http://reservations.nps.gov>



Be a good camper - be sure to find out the rules and regulations of your camp area. Having fun while camping means being prepared to handle any situation. Knowing the rules ahead of time will surely help you and your family enjoy a much more positive camping experience!

D.H. Day Campground

- ◆ Primitive campground
- ◆ Pump water/vault toilets
- ◆ Easy access to Lake Michigan
- ◆ Peaceful, wooded setting
- ◆ Evening Campfire Programs

Total sites available: 88; \$10.00

Group (7-25): 4, all reservable; \$30.00

Backcountry Camping

White Pine Campground

Near Lake Michigan

6 sites; \$5.00

Valley View Campground

Extremely secluded

5 sites; \$5.00

South Manitou Island

Bay Campground

Nestled on the Harbor

22 sites; \$5.00

3 Group sites (7-20); \$20.00

All reservable

Weather Station Campground

South end of the island

17 sites; \$5.00

3 Group sites (7-20); \$20.00

All reservable

Popple Campground

North end of island

6 sites; \$5.00

North Manitou Island

Wilderness backpacking

Unlimited sites; \$5.00

Groups (7-20); \$20.00

Local Area Camping

If you arrive at the Lakeshore only to find that all of the campsites are full, don't despair! There are a number of other campgrounds within a one-hour drive of Sleeping Bear Dunes National Lakeshore. These campgrounds range from fully modern with all of the amenities to rustic settings in remote locations. Many are located on inland lakes or streams. A map with addresses and phone numbers is available at park facilities - yours for the asking!

Local Business Info Now Available on the Web

If you are seeking information and assistance in planning your trip, you may now access our local Chambers of Commerce and Visitors' Bureaus on the World Wide Web. Internet access is quick and easy either by using the hyperlinks within the Lakeshore's homepage (<http://www.nps.gov/slbe>) or by typing in their addresses directly. Through these community organization websites, you will be able to access information on things to see and do, lodging, dining, entertainment and recreation. Your web resources are:

Glen Lake/Leelanau County Area:

<http://www.leelanau.com/glenlake>

Benzie County Chamber of Commerce:

<http://www.benzie.org>

Traverse City Convention and Visitors' Bureau:

<http://www.tcchamber.org>

You may also contact these organizations by telephone. Their direct numbers are:

Leelanau County Chamber of Commerce:

616-256-9895

Benzie County Chamber of Commerce:

616-882-5801

T.C. Convention and Visitors' Bureau:

616-947-1120

There is a wide variety of accommodations available in the surrounding area including cabins, cottages, motels, B & B's, condos, and private homes. These organizations can provide professional assistance no matter what your needs are. Planning is half the fun!

Evening Campfire Programs

Nightly programs are presented throughout the summer at the
Platte River Campground
and
D.H. Day Campground
in the amphitheaters.

Different topics, media and rangers every night! Please check for the current posted listings.

Attention!

Platte River Campers!

There has been a change in policy from previous years on the issue of extending your occupancy of a campsite. Please note that you must complete the renewal of your camping permit **by 9:00 P.M. the night before**. Your compliance with this new regulation will result in obtaining a more accurate count of available sites for the next morning. Checkout time is still noon as it has always been. Thank you for your cooperation!

Happy Camping!



Sleeping Bear Scavenger Hunt

(For kids of ALL ages!)

This activity is for kids, families, couples, groups or anybody that likes to have fun while learning more about the national lakeshore. Just to keep this interesting, you will *not* find the answers elsewhere in this newspaper - you may, however, stop by the Visitor Center after you've finished and pick up an answer sheet. Alternatively, you may request to have one mailed to you (park phone: 1-616-326-5134) or you may access the answers on our website at <http://www.nps.gov/slbe>. You may wish to bookmark that so you can refer to it for current activities and events occurring throughout the park. **Enjoy the thrill of the hunt!**

Hunt #1: Philip A. Hart Visitor Center

The answers to this hunt may be found in the displays at the Visitor Center, but you have to look carefully! An especially good rainy-day activity...

1. How thick were the glaciers in the park?
2. Name 2 wildflowers that are protected in Michigan.
3. Where do red-tailed hawks prefer to live?
4. What were teepees and wigwams made of?
5. What is glacial drift?
6. What is a climax forest? Name 3 trees, 2 wildflowers and 1 bird you may find in a climax forest.
7. What does a red fox eat?
8. How is granite formed?
9. What are "Big Wheels"?
10. Which wildflower is pollinated by mosquitoes and other insects?
11. Name three ancestral lakes.
12. The northern red oak gets a "head start on survival." How?
13. Where is "Devil's Hole"?
14. What is Lake Michigan's present level?
15. What are the telltale signs of a porcupine's presence?
16. How can you tell the difference between a red pine and a white pine?
17. How long have Indian tribes been living in Michigan?
18. Was the actual "Sleeping Bear" dune a perched or deperched dune?
19. What's a marsupial? Name one in Northern Michigan.
20. What important role does beach grass play in the dune environment?
21. What metal did the Indians first use?
22. Name 3 birds that live near the water's edge.
23. What is a Petoskey Stone?

Hunt #2: Pierce Stocking Scenic Drive

About Pierce Stocking

Where did he like to walk? the _____

#1 The Covered Bridge

What happened to the sides of the original bridge? _____

#2 Glen Lake

What math word describes the lake? _____

#3 The Dune Overlook

Finish this sentence: A sand dune is simply a _____

#4 Cottonwood Trail

What does the trail guide teach you about? _____

#5 Dune Ecology

Fill in the blanks: The cottonwood tree is well-adapted to the dunes because its fast _____ of _____ allows it to _____ with _____ by _____.

#6 Leaving the Sand Dunes

What do the exposed roots of the old basswood tree (on the left) indicate or show? _____

#7 The Beech-Maple Forest

In this climax forest, why is shade-tolerance the key to survival? _____

#8 Changes Over Time

What have the plants slowly created over the sandy hills by living and dying? _____

#9 Lake Michigan Overlook

Fill in the blanks: Lake Michigan is the _____ lake completely within the _____ and is the _____ largest _____ lake in the world.

#10 The Sleeping Bear Dune Overlook

Briefly relate the legend of the Sleeping Bear. _____

#11 North Bar Lake

How did the lake form? _____

#12 The Pine Plantation

Name one use that people have for pine trees _____

Bonus Questions:

1. How many wall murals are there?
2. Tell one thing you didn't know before:

Heading for the Manitou Islands!

The lure of the Manitou Islands is irresistible for many lakeshore visitors. As guardians of the Passage, North and South Manitou have beckoned to a wide variety of people throughout the course of their history.

Today, people are drawn to the islands for equally diverse reasons: some wish to experience the solitude and remoteness of an island; some enjoy the human history that is a major factor in the islands' stories; yet others seek the wilderness experience that is afforded them.

Whether the lure for you is maritime-related, farming, botanical, geological or purely recreational, the islands are sure to thrill you!

Transportation to the islands can be provided either by private craft or commercial, walk-on passenger ferry operated by Manitou Island Transit in Leland. The ferry operators have been involved in servicing the islands for many generations: the company is still operated as a family business today.

The ferries leave from the Fishtown docks in Leland at 10:00 a.m. - one ferry bound for each island.

One sets its course for North Manitou where passengers disembark and cargo is off-

loaded. The ferry reloads and returns to the mainland by 12:45 p.m. *There are no trips to North Manitou on Tuesday and Thursday.*

South Manitou Island

The other ferry, the *Mishe-Mokwa*, sails for South Manitou daily for a five-hour layover before returning to Leland by 6:00 p.m.

The layover gives day-use visitors ample time to take advantage of the motorized village tour (also operated by the ferry company), visit the lighthouse, and explore the various trails on the island.

South Manitou Island offers many opportunities for both day and overnight excursions. Visitors can enjoy a tour of the 100-foot tall lighthouse. This beacon guided ships safely through the southern terminus of the Manitou Passage, one of the most dangerous on Lake Michigan.

A 6.6 km (4 mi.) hike to the sand dunes on the west side of the island culminates in spectacular views of Lake Michigan and the mainland. Along the way you can marvel at the old-growth cedars (the famed 'Valley of the Giants') as well as speculate on the ill-fated mishaps of the *Francisco Morazan*, a visible shipwreck dating from November, 1960.

Many shipwrecks, including the *Morazan* and the recently uncovered *Three Brothers*, attract divers and snorkelling enthusiasts. The protected shipwrecks are part of the Manitou Passage State Underwater Preserve.

Many private boaters take advantage of the picturesque harbor to anchor their boats and explore the island's interior or just relax on the beautiful beaches.

A notice to boaters: Set your anchor with wind shifts in mind. Squalls and passing weather fronts can create damaging wind conditions! While both islands may be accessed by private craft, docking is limited to 30 minutes (for loading and unloading purposes) and there are no fuel facilities.

North Manitou Island

As you disembark on the North Manitou dock you enter the historic Coast Guard village, recently designated a National Historic Landmark (see below).

Upon leaving the village (and its accompanying "Cottage Row"), nearly 15,000 acres of pristine wilderness await to test you and your low-impact camping skills.

With 41.5 km (25 mi.) of maintained trails and

countless 'unmaintained' trails to explore, the wilderness adventure you've always hoped for awaits.

Exploratory possibilities range from abandoned farmsteads to perched dunes to beautiful inland lakes (Lake Manitou and Tamarack Lake) to steep terrain unparalleled in northwest lower Michigan.

Lake Manitou's trophy smallmouth bass population offer sportsmen a unique fishing opportunity. The special fall Deer Hunt is an experience that will never be equalled. (Contact park headquarters early for your hunter's application!)

Both islands are managed as wilderness areas, therefore the level of protection is elevated. Fires are allowed ONLY in the metal fire rings provided in the backcountry campgrounds. North Manitou campers must camp at least .1 km (300 feet) from any water source.

As with any park facility, all visitors to either island, whether arriving by commercial ferry or private vessel, are required to have a park entrance pass.

Ferry reservations may be made by calling 616-256-9061. Group camping reservations may be made by calling 1-800-365-2267.

National Historic Landmark on North Manitou Island

The U.S. Life-Saving Station on North Manitou Island was approved and listed as a National Historic Landmark (NHL) in July, 1998. NHL designations are reserved for those historic resources that are considered America's treasures and are considered the highest honor that can be bestowed upon an historic resource. This is the first NHL to be designated at Sleeping Bear Dunes.

The history of the life-saving effort dates from 1848, when the federal government began providing life-saving stations and equipment to volunteers on the East Coast. In 1854, twenty-six metal rescue boats were assigned to Lake Michigan maritime stations, but mostly to lighthouse keepers.

Nicholas Pickard, who owned the east side dock and lumber mill on North Manitou Island, posted a \$475 bond for a 26-foot metal Francis

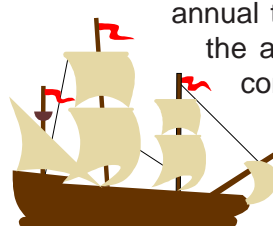
surfboat and organized a group of volunteer lifesavers. The garage-type boathouse existing onsite was built in 1854 to government specifications. This 1854 volunteer rescue station is the only one remaining in the country today.

The relative importance of this station compared to others in the country is due to the variety of structures existing in the complex. These structures represent every era of life-saving history from the volunteer period, to the U.S. Life-Saving Service, to the early U.S. Coast Guard. The bracketed 1877 Life Boat Station was built at a time when the person in charge (Keeper) was paid but the crew were all volunteers. The 1887 Life-Saving Station was built after the crew was formalized and paid. The remaining buildings include secondary structures usually missing from other extant stations. These include

married crew housing, shed, root cellar, crew ready room, flag tower with locker, and generator building. No other place in America exhibits such a complete assemblage of the buildings and structures associated with the creation and development of the federal life-saving system.

The next phase of nominating the maritime resources in the park includes developing a Maritime Landscape that will be listed at the national level of significance. This landscape will include all the maritime resources currently identified in the Manitou Passage Underwater Preserve, as well as Glen Haven Village, the South Manitou Island Lighthouse Complex and village, Cottage Row on North Manitou Island, several historic dock sites, shipwrecks, and the three U. S. Life-Saving Stations within the park. The special significance of this area lies in the fact that there are no modern intrusions visible on the maritime landscape. The shoreline appearance and activities have remained much the same since its historic period.

The park will be hosting a ceremony to place the NHL plaque on North Manitou Island on Saturday, September 11. This ceremony will be held in conjunction with the Leelanau Historical Museum's annual trip to the island. Anyone interested in making the annual trip and attending the ceremony should contact the Leelanau Historical Museum to make reservations at



616-256-7475.



Heralding the partnerships and fortitude necessary to preserve our heritage, this section bears witness to our firm resolve.

The Historic Times

Tour the areas of the park where history is still visible, even to the untrained eye. Experience the heritage that surrounds you!

Glen Haven and the Sleeping Bear Inn

From 1865 to 1931, Glen Haven was a company-owned steamship stop. The village provided an essential link between the water transportation system and the mainland in an area that lacked adequate harbors. The main buildings include the Sleeping Bear Inn and Garages, D.H. Day Store, Cannery, and the Blacksmith Shop.

The Sleeping Bear Inn is the best surviving example of a frontier and resort hotel in Leelanau County. The Inn was listed individually on the National Register of Historic Places in 1979 and then again in 1983 as part of the Glen Haven Village Historic District.

Glen Haven was one of the busiest steamship stops on the Great Lakes from 1865 to the mid-1880s. The Inn, an essential part of the steamship cord wood business established by C.C. McCarty at Glen Haven. The Inn functioned as a combination boarding house and hotel, housing and feeding woodchoppers, and travelers arriving by boat. The Inn and Glen Haven dock were purchased by the Northern Transit Company in 1868.

The front portion of the Inn was built around 1860 using vertical plank construction methods. This construction technique is found in France and Scandinavia and was brought to this area by the French Canadians. This was used where lumber was plentiful and the labor

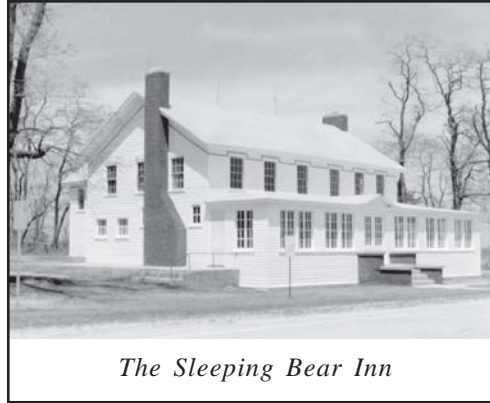
unskilled in construction. The addition was built a few years later when skilled tradesman arrived in the area utilizing balloon framing.

Glen Haven remained an important cord wood station until 1884. By that date, cord wood was being rapidly replaced by coal as a fuel. The Northern Transit Company sold much of their property to David Henry (D.H.) Day over a period of time in the 1880s. Day was sure that he could succeed in the hardwood lumber business, and did so until the 1920s. As timber declined D. H. Day established the Glen Haven Canning Co.

Much of what is seen in Glen Haven is attributed to the economic diversification of D.H. Day. In 1927, American Park Builders, Landscape Architects, of Chicago, Illinois provided site plans for the construction of the development referred to as Day Forest Estates. The area known as Alligator Hill was to be an exclusive summer resort that would include an 18-hole golf course, air strip, toboggan run, clubhouse, yacht club, and five acres for construction of elegant summer homes. Many investors rushed to finance the project and housing development. The Inn received a major rehabilitation in 1928 in anticipation of the Day Forest Estates development. The Inn Garages were also built at this time to house the cars and to provide chauffeurs' living quarters.

D.H. Day died at age 76, on April 17, 1928, yet his plan for a resort development continued. An announcement on the development was issued in 1929 identifying the important attributes of the plan. The 18-hole golf course was built, access roads were graded, a water tower constructed, and an air strip and clubhouse site was cleared. The golf course operated for several years until the Day Forest Estate plan was scrapped in the early 1930s. The stock market crash of 1929 and the Great Depression put a halt to further development on the project.

The Sleeping Bear Inn and Garage was purchased from the D.H. Day Estate in 1937 by Louis and Marion Day Warnes. The Inn catered to the summer tourist industry; often a whole family would crowd into one of the small rooms. Since the area was known for its many outdoor activities, these conditions were not considered intolerable. The Inn, with its parlors, also provided extra areas for



The Sleeping Bear Inn

visitors to use during their stay. There was a waiting list for reservations during the summer season, starting in the 1950s, as families returned yearly.

The Inn was in continuous operation until its purchase by the National Park Service in 1972. The National Park Service prepared a Development Concept Plan and Interpretive Prospectus identifying how the village would be managed. Through public meetings the plan was completed in 1994, and the park began to implement that plan. The plan called for the leasing of the Sleeping Bear Inn and Inn Garages to the public as a bed and breakfast establishment.

This year a Request for Proposals will be advertised and a lessee will be selected. It is the park's intent that the Inn and Inn Garages be open to the public so as to continue the tradition started in the early 1860s.

The Cannery

While taking in the sights at Glen Haven, be sure to stop in at The Cannery (Glen Haven Canning Company) where the park's historic boat collection is housed. Staffed by knowledgeable volunteers to assist in your experience, The Cannery is open seasonally from 11 a.m. to 3 p.m. daily.

Message...

(continued from Page 2)

be doing in the future to care for the park's historic structures and historic districts. In many cases we hope to have the assistance of partnership groups who will be maintaining structures and using them for purposes compatible with park goals.

An important new facility is The DuneCenter which will provide interpretive materials for visitors to the Dune Climb. Our partner in this venture is Eastern National, a non-profit organization which returns its proceeds to the national parks in the form of grants and donations.

Glen Haven will continue to be the focus of renovation work while we prepare the D.H. Day Store as a combination Visitor Center and District Ranger Office, and seek to find an appropriate partner to restore the Sleeping Bear Inn for compatible visitor use.

Enjoy your visit here, and please request assistance from any Lakeshore employee during your stay. We are here to help enhance your visit. Thank you for joining us!

Ivan D. Miller
Superintendent

Restoration of the D.H. Day Store

by Kim Mann, NPS Historic Architect

It was common for Michigan lumberjacks to be paid in coupons that could be redeemed at the company store, for in this way the workers' wages quickly returned to the company. The store in Glen Haven was built in the 1870s after the docking facility and the Sleeping Bear Inn were well established, and was part of the enterprises of entrepreneur D.H. Day, who owned much of the surrounding countryside. The store stocked a variety of items that the company wood choppers, neighboring farmers, fishermen and their families might need. The store also served as the ticket and freight office for vessels that docked at Glen Haven.

Now the old store is getting a "new lease on life", but with an old look. The structure is being returned to the appearance it had in 1928. This date was identified through historical research as the most significant time period for the store, as the height of D.H. Day's "empire" was reached just prior to his death in April, 1928.

If you have visited Glen Haven in the past you will see that the store is taking on a very different appearance from what you are used to. A number of its post-1928 features have been removed and are being replaced with other reproductions of earlier elements.



The D.H. Day Store, c. 1920

The public portion of the interior is also taking on a new "older" appearance. The building will now house the Leelanau District Ranger offices in the back and upstairs, while the store portion will have an old-fashioned general mercantile appearance with appropriate sales items provided by the park's cooperating association, Eastern National, and staffed with the help of the Friends of the Sleeping Bear Dunes. The leanto storeroom will serve as an audio-visual room for the showing of films and videotapes pertinent to the history of the area.

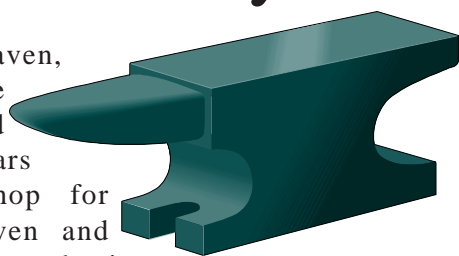
Be sure to visit the D.H. Day Store when it opens in the summer of 2000!

You Won't Want to Miss the Michigan Barn Preservation Network Workshop

June 7 through June 11 - Friday Night Bar-B-Q!

Glen Haven Smithy

As you drive through Glen Haven, notice the large red barn-like wooden structure: the old Blacksmith Shop. For many years this was a general purpose shop for any type of repair in Glen Haven and the D.H. Day enterprises. As such it would have contained workspace and tools for general blacksmithing work, for shoeing horses and for carpentry.



We plan to use some of the money from the Fee Demonstration Program to rehabilitate the building. A new floor, windows and rebuilding of the brick forge are necessary.

Meanwhile, we have been accumulating items that would have been appropriate to the shop around 1900. This process is now almost complete. When the building opens to the public some time in the next couple of years, we plan to have a demonstrator so the building can once again be a working shop.

Partnership Established to Restore Barns

The Michigan Barn Preservation Network and Sleeping Bear Dunes National Lakeshore have paired up to restore the barns in the park. The partnership developed to provide free participatory workshops to the public in which techniques would be passed on for the preservation of timber barns.

The first workshop, held in 1997, was at the John Burfiend/Garthe barn in the Port Oneida Rural Historic District. The workshop was developed with assistance from a local timber framer and planner, Robert Foulkes, and was sponsored by a donation from the Michigan Barn Preservation Network. The first workshop involved 31 participants and 80 visitors who stopped by throughout the day to observe. This workshop was perceived to be so successful that two additional workshops were held in 1998 to rebuild the collapsing lean-to addition on the same barn. Additional timber framing companies have since lent their expertise and assistance to the program, adding to its stature.

Hands-on training is the focus for people who have old barns, providing a basis for understanding how and why to maintain them. The people who attend participate in surveying, inspection, hewing demonstrations, use of specialized tools, general clean-up, as well as the installation



of beams, joists, roofing, and floor and roof sheathing boards.

This year's workshop will be held at the Lawr/Chapman farm in the Port Oneida Rural Historic District. The barn is located at the intersection of Wheeler Road and M-22, and is the new home of Shielding Tree Nature Center. Planning for this workshop, including grant applications to assist with repairing the historic plank floor.

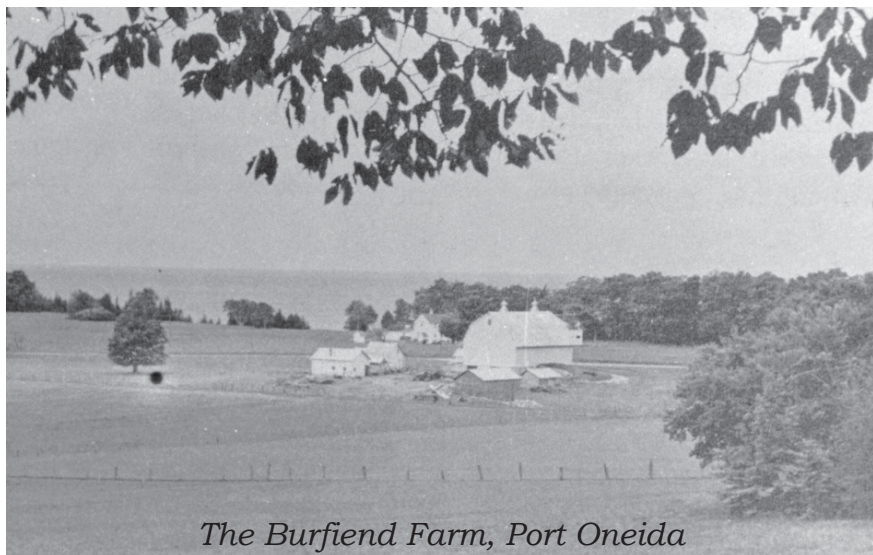
The annual workshops are typically held the third weekend in August, but due to increased interest the first project will occur in June. Anyone interested in participating in the workshops should call the Park Historical Architect for more information.

Port Oneida Site Bulletin Available

A new brochure detailing the Port Oneida area is now available at the Visitor Center. It is most helpful for identifying the various barns and farmsteads while touring this outstanding historic district, providing a true glimpse into the past.

Historic Properties Management Plan Continues into Second Year

The effort by the Lakeshore to write an Historic Properties Management Plan is now beginning its second year of public meetings. Those held last year were important in setting the tone for the protection of historic structures and landscapes within the park. Changes that have been made to the draft plan are largely due to public input and support.



The Burfiend Farm, Port Oneida

Initially park staff had felt that the general public viewed many of the older buildings as detractors from scenic views. As a result of the public meetings, it became evident that instead there was a great interest in maintaining all of the historic buildings on their landscapes.

Individuals and groups responded to the planning effort with proposals for partnerships and with the desire to help restore specific buildings. An outgrowth of this interest from the public resulted in the formation of the group Preserve Historic Sleeping Bear, whose intent is to raise public and

political awareness to secure funding for the protection of these significant Lakeshore resources.

The park will be holding additional public meetings this year on **Friday, July 16th**, and **Friday, October 15th**. Anyone interested in more information on the Historic Properties Management Plan can contact Historical Architect Kim Mann at (616)326-5134.

Preserve Historic Sleeping Bear will be hosting an event called "Celebrate Historic Sleeping Bear" on June 24-26 (Thursday through Saturday) with a workday scheduled at the Charles Olsen Farmstead in the Port Oneida Rural Historic District on the 26th. For more information call 616-882-4723.

"FRIENDS" Group Proposes Glen Haven Assistance

The Friends of Sleeping Bear Dunes have a rare opportunity to become a vital part of the rehabilitation of one of the park's true gems-in-the-rough: the historic village of Glen Haven.

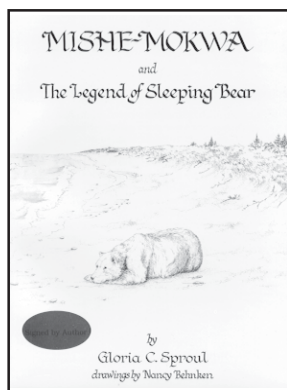
The Friends have already been involved with the restoration of the D.H. Day Store and will continue to be a driving force in that project through its completion. Even afterwards, the Friends will be offering their services to the park and the public by providing brochures and information, replete with their invaluable personal recommendations and vivid recollections. The Friends will certainly be a welcome part of the General Store atmosphere.

They have been searching high and low for video materials appropriate for presentation to the park's visitors in the adjoining Audio-Visual Theater. The resource library that the Friends are amassing will be an interpretive windfall for visitors.

In conjunction with the restored blacksmith shop and wayside informational exhibits, it is anticipated that Glen Haven will be a significant contributor to the Northwest Lower Michigan Historical Network of Museums.

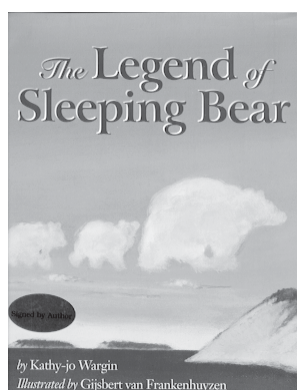
The long-range plans of the Friends of Sleeping Bear Dunes includes a fully illustrated, color brochure expanding upon the historically significant role that Glen Haven played in the Maritime history of the Great Lakes. You too can help in the Friends' efforts! (See back page for details.)

Don't Miss These Great Books...



Nicely illustrated version of the famous legend - and the park's namesake - to be enjoyed by children of all ages! Signed by author.
by Gloria C. Sproul
Art by Nancy Behnken

Outstanding new version with excellent artistry in both illustration and verse. Full-color hardcover edition.
by Kathy-jo Wargin, Art by Gisbert van Frankenhuyzen



Both of these volumes, in addition to other great selections, are available at the park's Eastern National sales outlets: the Visitor Center in Empire and the DuneCenter at the Dune Climb area. You may also wish to phone in your order at **616-326-5134**. Mail order catalogs are available upon request.

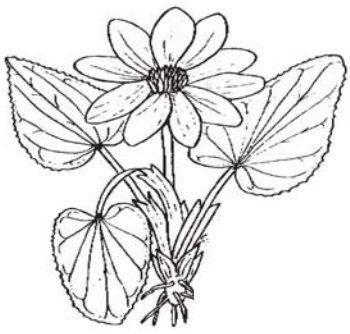
Resource

There are so many beautiful wildflowers to see at Sleeping Bear!

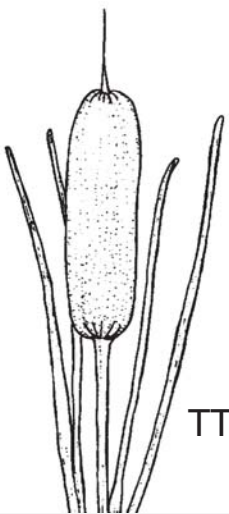
Many wildflowers have more than one name; try to unscramble the names of these flowers. (You can color them, too!)



RISI
or
LUBE GLAF



SMHAR DMOIGRAL
or
POSWCIL



TTILAAC

Public Hunting in Sleeping Bear Dunes National Lakeshore

Sleeping Bear Dunes National Lakeshore is open to public hunting under the State of Michigan hunting laws.

When the park was established by Congress in 1970, the State of Michigan actively supported the creation of this national park. The Michigan legislature passed a bill favoring establishment of the park and authorized turning over 8,000 acres of State land to the federal government. Every member of the Michigan delegation in the United States Senate and Congress supported the federal legislation creating the park.

The State of Michigan was, however, concerned over the potential loss of public hunting opportunities with the establishment of the park and requested that the federal legislation provide for public hunting. Congress passed enabling legislation which permitted hunting; trapping, however, is not allowed in the park.

Park Rangers enforce State of Michigan hunting laws and protect other resources. There have been few problems with hunters sharing the park with other park visitors. Most hunting opportunities occur in the fall when other park uses decline. Hunters and hikers seldom cross paths with each other.

While hunters are very aware of the possible presence of other visitors, it is always recommended that hikers wear brightly colored clothing. This adds an extra safety factor to sharing the woods with other outdoor enthusiasts.

A managed public deer hunt occurs each year on North Manitou Island. In this instance, hunters are assisting in the restoration of the natural vegetation of the island with the reduction of the deer herd. White-tailed deer are not natural to any of the islands in this eastern Lake Michigan archipelago.

Deer were artificially introduced to North Manitou Island by the private owners of the island in 1926. The deer have since altered the natural vegetation of the island, allowing no reproduction of maple, cedar and elderberry, and have eliminated some species altogether such as yew, orchids, and other wildflowers. Before 1984, deer numbers fluctuated between 500 and 2000 with heavy starvation losses depending on the severity of the winter. With the inception of the hunt, natural vegetation has since begun to recover to its previous state.

Personal Watercraft

Personal watercraft (often referred to as jet skis, waverunners, wetjets, sea-doods, wet bikes and surf jets) are not allowed on the waters of Sleeping Bear Dunes N.L.

The park was created to protect the natural character of the Lake Michigan shoreline, inland lakes, and rivers so that visitors may experience the solitude and quiet of a near-wilderness environment.

Personal watercraft are prohibited due to their extreme high performance characteristics, noise, poor safety record and potential for disrupting nearby wildlife. They are designed and operated differently from other vessels. While personal watercraft can be used elsewhere, the quiet, solitude and primitive nature that make up the rare resources that define

the National Lakeshore dictate that they be prohibited.

The following areas of Sleeping Bear Dunes National Lakeshore are closed to personal watercraft:

- ◆The waters of Lake Michigan within 1/4 mile of the Mainland.
- ◆The waters of Lake Michigan within 1/4 mile of the shoreline surrounding both North and South Manitou Island.
- ◆All inland lakes within the National Lakeshore:

◆In Benzie County: Deer Lake, Bass Lake, Otter Lake, and Round Lake.

◆In Leelanau County: North Bar Lake, Shell Lake, Narada Lake, Tucker Lake, School Lake, Hidden Lake, Florence Lake, Lake Manitou and Tamarack Lake.

◆The waters from the midpoint of the body of water to the National Park Service property on the following lakes, streams and rivers:

◆Benzie County: Platte River, Loon Lake and Otter Creek.

◆Leelanau County: Bass Lake, Crystal River, Shalda Creek and the waters of Little Glen Lake between the closure buoys and the shoreline at the NPS picnic area.

Personal watercraft may not be launched in National Lakeshore waters at Platte Point or the beaches along Lake Michigan such as Esch, 669 or 651.

Personal watercraft are permitted to launch outside of Sleeping Bear Dunes National Lakeshore and operate 400 meters (1,320') off of the Lakeshore's Lake Michigan shoreline.

Management

WANTED

ALIVE
&
WELL



Piping Plover

Frequents beach areas during spring & early summer. **Scares easily.**

We can help by keeping our distance and controlling our pets while in plover nesting areas!

Gathering & Collecting at Sleeping Bear

Considering the curious nature we have as human beings, it is perfectly natural for us to want to pick up, observe, sniff, taste and otherwise investigate nearly every new object we find.

It is also perfectly natural for us to want to keep those things which we find especially interesting. There is only one problem with this "perfectly natural" approach of ours: whatever we claim as ours can never again be shared in that same spirit by anyone else!

That is one reason that picking flowers, collecting rocks or keeping pieces of shipwrecks and whatnot is not permitted in National Parks. Sometimes that seems unfair, especially if you're the person who wants to do the Keeping! If you really think about it though, the National Parks are here so that ALL people can discover and enjoy these treasures.

There are certain things that you ARE allowed to collect at Sleeping Bear. For instance, you may collect down and dead wood, including driftwood, for use as fuel in campgrounds, beach fires and at backcountry campsites (wood found in all dune "ghost forests" is to be left undisturbed!). Only dead and down wood from within the cleared portion of road rights-of-way may be removed for use outside of the park. **Additionally, the following may be gathered for personal use and consumption, limited to the listed quantities:**

- Apples one bu./35 liters
- Asparagus one gal./4 liters
- Blackberries one gal./4 liters
- Black Walnuts one gal./4 liters
- Blueberries one gal./4 liters
- Chokecherries one gal./4 liters
- Elderberries one gal./4 liters
- Grapes one gal./4 liters
- Mushrooms (edible, any species) one gal./4 liters
- Peaches one gal./4 liters
- Pears one bu./35 liters
- Plums one gal./4 liters
- Raspberries one gal./4 liters
- Rhubarb one gal./4 liters
- Rose hips one gal./4 liters
- Sand cherries one gal./4 liters
- Serviceberries one gal./4 liters
- Strawberries one gal./4 liters

Only gather edibles that you can identify without ANY doubt whatsoever. If you have the slightest doubt in your mind, don't eat it!

Parents: be especially mindful of children while in the woods... If your child has eaten something that you suspect may be poisonous, be sure that you save the suspected plant material! EMS/ER personnel will need the sample for identification.

Birding in the National Lakeshore

Text and Sketch by Thomas W. Ford

Shorelines, coastal forests, northern hardwoods, dune plateaus, and abundant wetlands all lead to the biodiversity of the Sleeping Bear Dunes National Lakeshore. This diversity of plant and animal habitat offers the birding enthusiast abundant opportunities to seek out and enjoy a plethora of bird species during the four distinct seasons.

The village of Empire and the surrounding Sleeping Bear Dunes National Lakeshore have been my home since the late 50's. In my forty-some years exploring all the nooks and crannies of this area, I have tallied a list of 265 bird species which includes the snow bunting, piping plover, nesting bald eagle, snowy owl, goshawk, and northern red-shouldered hawk.

I have always yearned for the out of doors, a place that has given me my spirituality as an individual and fuels my creative side, that part of me that enjoys capturing the spirit of the bird - a moment of interesting behavior in its life, with the stroke of a pen or the swish of a watercolor brush -- to know these marvelous creatures, one has to love them.

Winter is a time that calls for intense individual fitness in any organism. This means a great reduction in the numbers of bird species. Annual Christmas bird counts can only muster 50 - 60 different species. It is the behavior and specialized adaptations of birds that keep birding interesting in winter.

Snow buntings scurry about the dune plateau, feasting on the seeds of abundant perennials that survive and produce on the undulating dunescape which is kept free of deep snows from the lashing winds that ride across Lake Michigan with nothing in their wake until landfall.

These westerly winds have been known to blow in an occasional vagrant. This past fall tremendous winds wreaked havoc in the park, bringing down century-old trees. After the storm had passed, Franklin's Gulls, a gull species unusual to the Park began to show up in large numbers throughout the Great Lakes as well as at Sleeping Bear. Other vagrants in recent seasons have included the magnificent western kingbird and scissor-tailed flycatcher.

Located on the western side of the Leelanau peninsula, the National Lakeshore is sandwiched between Lake

Michigan and the western arm of Grand Traverse Bay. This makes for a good migrant trap. Many species of birds prefer not to migrate over large expanses of water, so the shorelines in the Park become a natural migration route for these species heading north in spring and south in the fall.

Some places along the shoreline, Otter Creek in particular, offer great opportunities for warblers. One spring morning, a few birding companions and I enjoyed over 20 species of warblers which included mourning warblers, Connecticut and Blackburnian warblers.

Surely, it is the spring migration that offers the best birding opportunities here. The return of the nesting piping plover and bald eagle to the park in recent years has been encouraging, and they contribute to the uniqueness of Sleeping Bear Dunes N.L.

Other uncommon species nesting here includes northern goshawk, northern red-shouldered hawk, prairie warbler, olive-sided flycatcher and recent summer sightings of a least bittern at the mill pond near Little Glen Lake.

Flitting about the golden hues of maple and ash, the drab plumage of the fall warblers challenges any birder from novice to expert. Hormonal changes brought about by a reduced period of daylight cause the plumage change and brings the breeding season to a close. The male no longer sings which makes identification even more difficult. These confusing fall warblers begin to look alike as they flutter from branch to branch, gobbling down anything digestible that can be stored as fat for their long flight south. Some of them travel hundreds of miles, others may travel thousands of miles.

One of our interesting summer breeders, the upland sandpiper, spends more than half its life traveling to and from summer and winter habitats, a migration route that extends from Canada. This magnificent long-distance traveler can be seen, and even better, its wolf-whistle heard in a few nesting habitats within the Sleeping Bear Dunes National Lakeshore. The upland plover arrives in late April and early May, and by July it is on its way to its southern climes.

There are always surprises hiding just around the next bend on the trail, certain to make your next birding adventure great!

Can you name these birds found at Sleeping Bear?

(Fill in the letters)

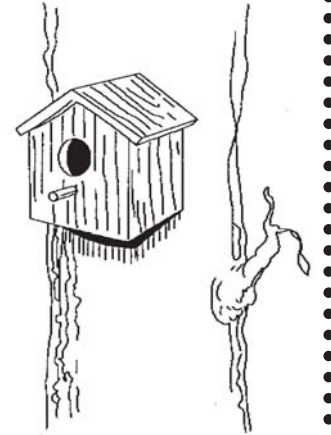


(Hint: You do this when you eat.)



(Who?)

What kind of bird(s) would be most likely to want to live in this birdhouse?



Wildlife Use of Fallow Fields

by Max Holden, Resource Management

Sleeping Bear Dunes National Lakeshore has had an open field management program for many years. Some of the old farm fields are kept in a grass state of plant succession without cultivation. This serves to preserve, display and interpret the farm settlement history of the area, and still provide for conservation of wildlife habitat, public access and environmental recreation and education.

The fields are mowed in mid-August when the birds have completed nesting. Volunteers (VIP's) have helped to cut woody plants that come in from the surrounding forest. They have also helped to collect native grass seed such as little bluestem. This seed is planted in the old fields for cover where cattle were grazed and caused erosion after some of the fields became unproductive.

The grass fields of the park are excellent habitat for the upland sandpiper. The birds were once abundant but were hunted heavily for the market after the passenger pigeon was extirpated. They are no longer hunted but their numbers still suffer from loss of habitat.

The upland sandpiper breeds and nests in the mid-high grasses of fallow fields. Their long legs permit them to forage through the grassy fields to eat insects. Their winter range is some 7,000 miles away in the grasslands of Argentina.

These fallow fields are also home to bobolink, Savannah sparrows, grasshopper sparrows, meadowlarks and kingbirds. Sharing the birds' home are spiders and grasshoppers, meadow voles and jumping mice, fox, marsh hawks (Northern Harrier) and owls. Together they constitute a perfectly illustrated food chain.

These rich wildlife preserves are part of the natural resources of Sleeping Bear Dunes National Lakeshore and are yours to enjoy!



Upland Sandpiper

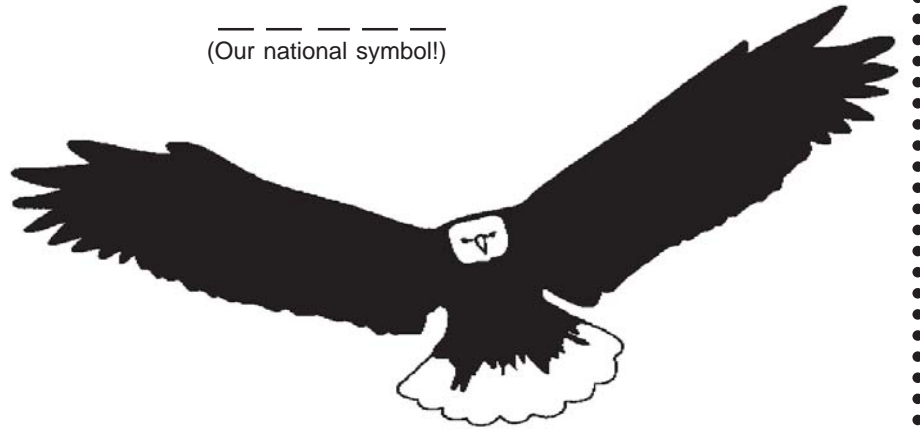


(They're always at the beach.)

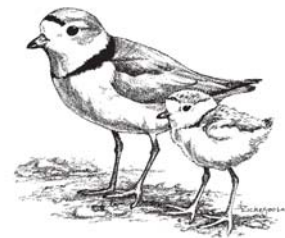
Which one doesn't belong to the bird family? Which ones are called waterfowl? Which are considered shorebirds? Which ones are raptors?



(A vision of beauty and grace...)



(Our national symbol!)



(They need our help.)



(This is a friendly little guy.)



(He's all wet!)

Fee Program Boosts Park Improvements

As we enter our third year of the Recreational Fee Demonstration Program, there are many park improvements to look back on, and much of interest to look forward to.

If you are unfamiliar with this program, please refer to the article on Page 3, "Why Fees?", which will provide an overview of this nationwide effort to rebuild the infrastructure of our National Parks.

Visitors to Sleeping Bear Dunes National Lakeshore have been overwhelmingly receptive to the new fee structure. Once most people realize that the majority of the money from their entrance fees stays in the park, and what can be accomplished with this revenue, they are more than willing to support the effort.

Just how much money has been generated by the program, and where is it being used?

REVENUE

In 1997, the first year of participation in the fee program, income amounted to almost \$700,000. This far exceeded our expectation for this brand new program.

In 1998, with refined procedures of collection and public information, in addition to the support of our visitors, that figure climbed to more than \$1,000,000!

Prior to the new Fee Demonstration Program, all income that was generated at a National Park service site was deposited to the General Fund of the U.S. Treasury. Now however, 80% remains at the park

where it was collected. The other 20% goes into a national pool and all parks can compete for it equally by submitting worthwhile projects for consideration.

USERFee

improves this park

SPRUCING UP

These funds have been a welcome relief to Sleeping Bear's budgetary concerns. The park is now able to address some of the high priority projects which accumulated during years of lean budgets. At the top of the list is a backlog of maintenance projects.

For many parks, upgrading of its roadways is a major priority due to the prolonged lack of funding for repair and the overwhelming increase in visitor traffic. Here at Sleeping Bear, this is less of a problem as most roads belong to the state or county and are maintained by those entities.

Thus we have been able to put our funds to use in another area of high priority: the return of lands disturbed by human activities to their natural state. This process includes the removal of nonhistoric buildings, returning the land surface to its natural contours, and then replanting with native seedstock.

Since this activity was outlined as a high priority in the park's General Management Plan, it is very gratifying to be able to successfully implement it. The management of the

park's natural resources, along with the preservation of its cultural heritage, is the first order of business as mandated by the legislation that created the National Park Service. The Fee Demonstration Program is now providing the necessary funding.

VISIBLE BENEFITS

One high profile project being funded from Fee Demonstration revenues is the restoration of the D.H. Day Store in Glen Haven (see article on P. 6). Slated to open in the year 2000, the store is one of the most visible results of the fee program; yet it is only the beginning of the restoration of Glen Haven Village!

Other facilities and services that now benefit you as a result of the fee program include the operation of the Platte River Campground on a year-round basis, the installation of interpretive wayside exhibits in the Platte River area, the publication of numerous free informational bulletins and additional uniformed personnel to assist you in making the most of your visit to the park.

There are many more proposals "on the table" for future improvements to the facilities and services we offer our visitors.

Thanks to your support, these proposals can become realities!

Hiking Trails In the Park

The National Lakeshore offers 13 hiking trails on the mainland. Individual trail maps are available at each trailhead; additionally, a booklet is available at the Visitor Center and DuneCenter sales outlets for a nominal charge that contains all of the trailmaps in a convenient, compact format. We hope you will enjoy the trails system!

Lost & Found

Each year visitors leave personal belongings behind, not realizing that we have an active lost and found department. If this happens to you, call **616-326-5134**. We will try our best to reunite you with your lost property. If you've found an article of value, please drop it off at a Ranger Station or the Visitor Center.

Your Assistance and Integrity is Appreciated!

Eastern National Expands Its Partnership with Sleeping Bear Dunes N.L.

Eastern National, Sleeping Bear Dunes' cooperating association is increasing its commitment to the park and its service to our visitors. EN will be a major player in the operation of The DuneCenter, the park's "new" facility at the Dune Climb area.

Formerly operated by a private concessionaire as the Dune Stand, the facility will be taking on a new look and a new role. With the retirement of Elsie Warnes after an outstanding 34 years of service to park visitors at the base of the Dune Climb, the park will be offering its visitors a center that is more interpretively oriented.

Eastern National administers interpretive bookstore/sales outlets at National Parks throughout the country, returning profits to the National Parks through grants, donations and personal services.



Staffed primarily by Eastern National personnel (hired from our local work pool), the new facility will feature many excellent book titles in the tradition of its Visitor Center sales outlet in Empire. Educational materials for children will be a major emphasis of the center as well as providing items for visitor safety and convenience.

Food services will not be provided in The DuneCenter building. The park has, however, entered into a tentative agreement with the Commission for the Blind to provide vending services. Water, fruit juices, pop, ice cream and a variety of snacks are being considered for the vending area.

**See you at
The DuneCenter!**

LAKESHORE TO BEGIN NEW GENERAL MANAGEMENT PLAN

Work on a new Lakeshore General Management Plan (GMP) and Environmental Impact Statement (EIS) will begin this summer. The existing GMP was approved in 1979 and is in need of revision. The GMP will revisit the management philosophy for the Lakeshore, develop a broad framework for future decision making, and create consensus regarding the Lakeshore's future development. The GMP will be strategic and conceptual, and will establish criteria and guidelines for management.

We expect the process will last about three years. The public will be offered numerous opportunities to be involved in the process through "scoping" (fact finding) meetings, review of plan newsletters, and review and comment on the draft and final GMP/EIS. Initial scoping meetings, which will likely be held this fall or winter, will be widely advertised.

RECYCLING AT SLEEPING BEAR



You can help the Park Service conserve many resources and minimize waste disposal costs by recycling. Recycling stations at both mainland campgrounds accept glass, cans and #1 & #2 plastics. Additionally, glass containers and cans may be recycled at the park Visitor Center in Empire and at the Dune Climb area.

In order to make the recycling program practical, we ask that you deposit only items which have been properly sorted, and which are **clean**.

Thank you for your conscientious participation!



The United States Department of the Interior is celebrating its sesquicentennial this year!

Bow Lakes Trail Proposed

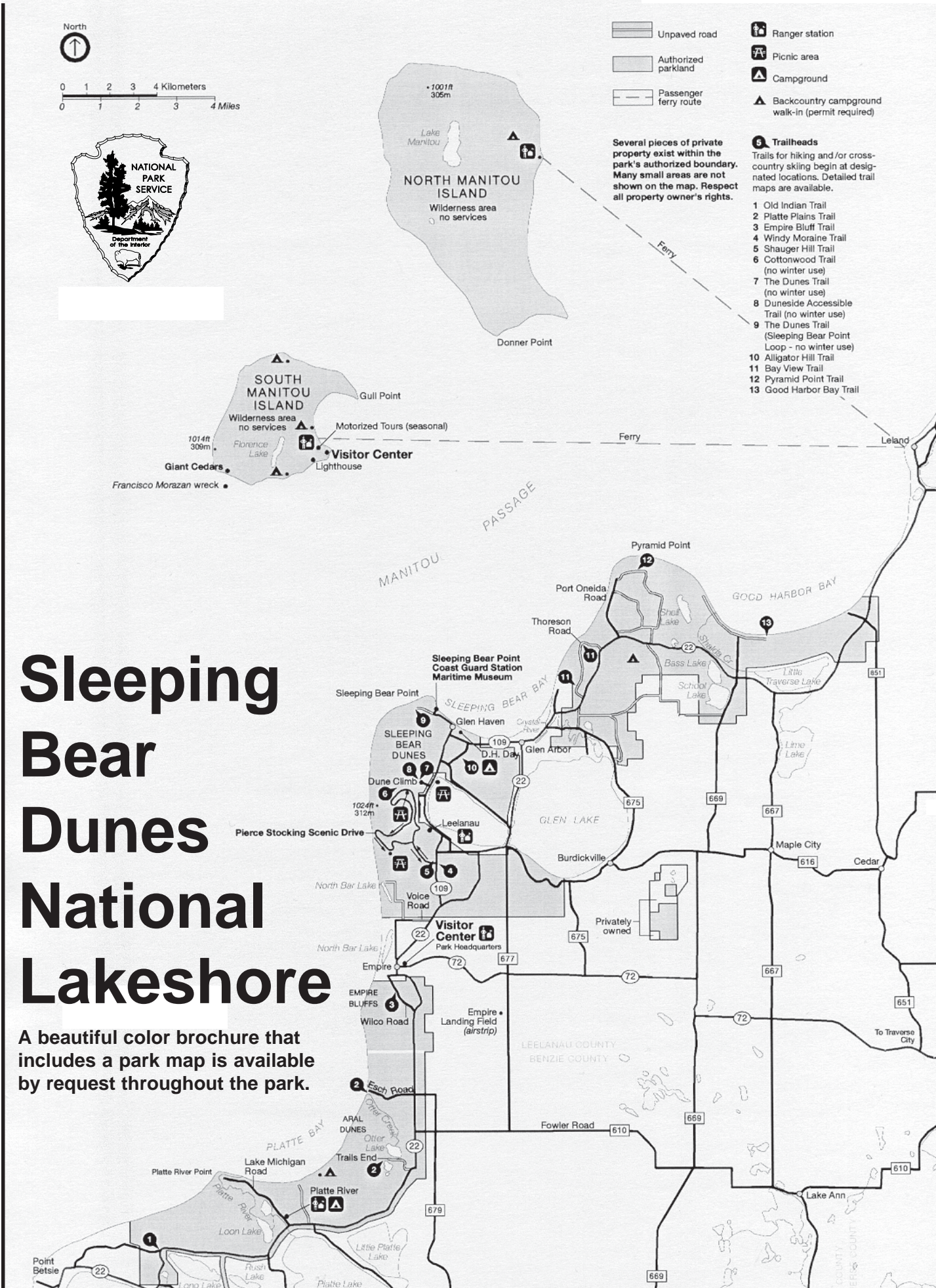
When viewing a park map (left) many visitors are puzzled by the rectangular area southeast of Glen Lake. This is referred to as the Bow Lakes area. While it is indeed separated from the rest of the park, it was included because of its ecological and geological importance.

The next thing that most people notice about this section of the park is that it is largely in private ownership. The percentage of NPS vs. private ownership is about to change dramatically: Sleeping Bear Dunes National Lakeshore has recently concluded negotiations on two of the parcels.

Because of the way these parcels are situated, the park will finally have contiguous properties the length of the Bow Lakes area. This will present the opportunity to develop a hiking trail in the area.

With one trailhead at the southern terminus and the other at the Glen Lake Schools, the park will be able to provide access to this magnificent area. In addition to the public-use, the school will be able to take advantage of the area as an educational resource.

With its bogs, lakes and forest, the Bow Lakes area is sure to become a favorite hiking area for many park visitors. The trail system should be in place by the year 2000 (summer season). Stay "tuned" for further developments in the Bow Lakes area!



Sleeping Bear Dunes National Lakeshore

A beautiful color brochure that includes a park map is available by request throughout the park.

Tracts Restored to Natural State

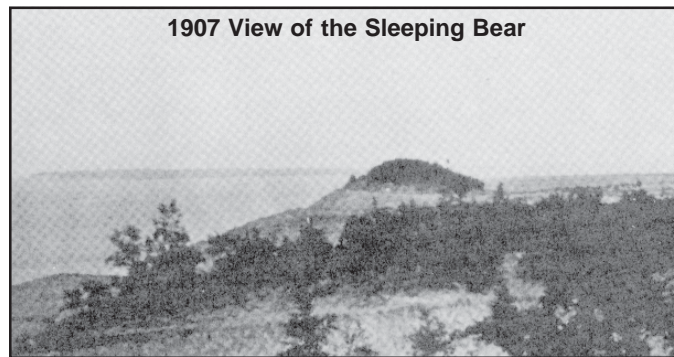
1998 was an active year for restoration of former use and occupancy sites at Sleeping Bear Dunes National Lakeshore. Much of the park was once in private ownership. As purchases were made, many former owners chose to retain a right of use and occupancy for a term of years.

In 1998, some 52 tracts terminated. Of those received by the National Park Service (NPS), all sites have been restored to a natural condition. The thirteen remaining former owners have been referred for legal process to require compliance with contractual agreements.

Between now and 2014, some seventy use and occupancy tracts will terminate and these will be scheduled for site restoration. Lands within the park, owned by the NPS include 1,546 tracts which make up 67,145 acres. 148 tracts consisting of 2,739 acres are protected by agreements, are in other public ownership, or are still in private ownership.

The Legend of the Sleeping Bear

The Chippewa Indians used the 'Sleeping Bear' as a landmark and told a story to explain its origin:



Long ago, along the Wisconsin shoreline, a mother bear and her two cubs were driven into Lake Michigan by a raging forest fire. The bears swam for many hours, but eventually the cubs tired and lagged behind.

Mother bear reached the shore and climbed to the top of a high bluff to watch and wait for her cubs. Too tired to continue, the cubs drowned within sight of the shore.

The Great Spirit Manitou created two islands to mark the spot where the cubs disappeared and then created a solitary dune to represent the faithful mother bear.



Campfire Programs!

Join in the fun and adventure of our nightly Campfire Programs. Presented late June through Labor Day at the amphitheaters of the D.H. Day and Platte River Campgrounds, these Ranger-led programs are open to ALL park visitors, not just campers.

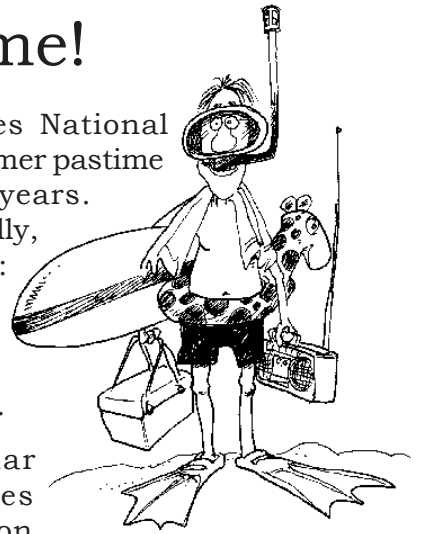
Highlighting different aspects of the area's natural and cultural history, each program is a great source of fun and information.

For Platte River programs, parking is available at the Ranger Station lot. The amphitheater is reached by paved trail or the stairway at the left end of the lot. Inquire at the Ranger Station for directions to handicap-accessible parking behind the amphitheater.

Parking for the D.H. Day programs is available by the log cabin at the rear of the campground. It is a short walk around the loop road to the amphitheater on the right.

Swimming Time!

Swimming at Sleeping Bear Dunes National Lakeshore has been a traditional summer pastime that continues to grow over the years. Visitors enjoy swimming and, especially, beaches for a variety of reasons: cooling off on a hot summer day, the invigoration of a splash in Lake Michigan, the excellent exercise it affords or simply basking in the sun.



The park has many popular beaches. Frequently used beaches include Platte River Point, Peterson Road, Esch Road, North Bar Lake, Little Glen Lake, Glen Haven and Good Harbor. The sandiest beaches are Esch, Peterson and Platte River Point. If you are in search of shallow water, it can be found at Good Harbor and Little Glen. Relatively deep water can be enjoyed near the Cannery in Glen Haven.

In order to ensure a safe swimming experience there are a few facts that visitors should be especially mindful of: there is no lifeguard service provided in the park; diving is strongly discouraged due the unpredictable nature of water depth and the possibility of hidden obstructions; and, as always, swim with a "buddy." All glass containers are prohibited on the beach for safety reasons. Remember to protect your skin and eyes from the sun.

Bringing Your Pet

While your pet is welcome at Sleeping Bear Dunes National Lakeshore there are some special restrictions that you will need to be aware of.

A couple of basics are that your pet must be physically controlled on a 1.8 meter (6 foot) leash at all times and that pets are not to be left unattended at any time, either in a vehicle or at a campsite. **A complete list of pet regulations, including a map, is available at the Visitor Center in Empire.** Be especially mindful and knowledgeable of beaches where pets are prohibited. When in doubt, please check with a ranger first.

Exceptions are made for persons utilizing the services of a trained aid dog.

Are There Other Ranger Programs?

An excellent question! Sleeping Bear Dunes National Lakeshore offers a wide variety of Ranger-led programs including talks, walks, and beanstalks... OK - perhaps not beanstalks, but we do offer programs that deal with wildflowers, dunes geology, wildlife, birding, farming history, maritime history, canoeing and many other topics!

Park interpreters (Rangers who do programs) will take you on journeys far beyond the limits of your vacation itinerary. They will transport you to other worlds through the imagery of their words and your imaginations.

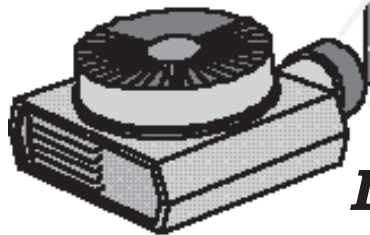
Sound like fun? It is!

The Ranger Programs are an excellent way to spend a summer morning, afternoon or evening. They will add an extra dimension to your family's vacation

In addition to the formal Ranger Programs, your family may also wish to participate in the park's Junior Ranger Program. Ask at the Visitor Center for details.

Rangers also provide personal services for organized groups such as schools, camps, scouts and group tours. Contact the park's Chief of Interpretation, Neal Bullington, at park headquarters well in advance of your anticipated arrival to make arrangements.

(616) 326-5134



Don't Miss the Fun!

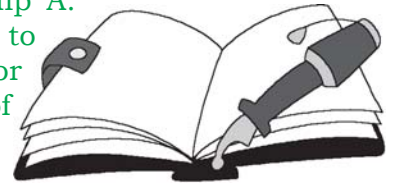
The Mission of the National Park Service

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.

---National Park Service Strategic Plan, December, 1997

Summertime Book Signings at Visitor Center

Eastern National staff at the Philip A. Hart Visitor Center are planning to have a special author available for book signings on the third Friday of each month this summer (June, July and August). Join in the fun!



FRIENDS Membership Application

Individual Membership: () \$10 Regular () \$20 Sustaining
 Family Membership: () \$20 Regular () \$40 Sustaining
 Business/Corporate: () \$100 Reg. () \$200 Sustaining

Name(s): _____

Summer Address: _____

Winter Address: _____

Please make checks payable to:
FRIENDS of the Sleeping Bear Dunes, Inc.
 P.O. Box 6344, Traverse City, MI 49686

ALL CONTRIBUTIONS ARE TAX-DEDUCTIBLE.