

# Activity Guide 2001-2002

Includes Ranger-Led Program Listings for Summer 2001

Cape Cod  
National Seashore



## Explore Cape Cod National Seashore

Welcome to Cape Cod National Seashore. We hope the information and suggestions found in this publication enhance your national park experience on Cape Cod.

### Begin at one of the park's visitor centers

**Salt Pond Visitor Center**, off Route 6, Eastham, open 9 to 4:30 daily (extended hours during the summer), is Cape Cod National Seashore's main visitor facility with orientation films on the half hour, a comprehensive museum featuring highlights of the vast range of cultural and natural history themes represented on Cape Cod, and a well-stocked bookstore. **Province Lands Visitor Center**, off Race Point Road, Provincetown, open from 9 to 5 daily mid-April through late-November, offers a dramatic 360° view of the Province Lands dunes, the Outer Beach and the Atlantic Ocean from its upper deck. Just two miles from the tip of Cape Cod, this visitor center has exhibits on natural and human history of the area, a small bookstore and indoor theater with showings of park orientation films.

Both visitor centers are staffed with rangers and volunteers eager to assist you in planning your visit. Restrooms and public telephones are available.

### Walking and hiking self-guiding nature trails



**Common Soapwort.**  
a, a single flower.

There are eleven self-guiding nature trails at the Seashore that are open year-round: in Eastham – the Fort Hill, Red Maple Swamp, Buttonbush, Nauset Marsh and Doane Trails; in Wellfleet – the Atlantic White Cedar and Great Island Trails; in Truro – Small's Swamp and Pilgrim Spring Trails; and the Beech Forest Trail in Provincetown. Individual self-guiding interpretive trail folders (with information on specific natural and historic features) are available at some trailheads. Trailside plant identification markers are referenced in the *Common Trailside Plants* guidebook on sale at visitor center bookstores. Pick up the Self-Guiding Nature Trails folder for more information.

### Ranger-led programs



Join us for nature walks, family programs, historic building tours and open houses, canoe trips, surfcasting and shellfishing sessions, special events and much more. See inside for details.

### Biking

There are three bicycle trails under the care and maintenance of Cape Cod National Seashore: Nauset Trail in Eastham (1.6 miles), Head of the Meadow Trail in Truro (2 miles), and the Province Lands Trail (loop trail 5.45 miles) in Provincetown. Massachusetts state law requires children younger than 13 to wear protective helmets when operating or riding as a passenger on a bicycle. It is advisable that all riders, regardless of age, wear protective headgear to ensure a safe and enjoyable biking experience.

**What's Inside...** park map, park orientation, calendar of events, nature calendar with tide chart, local area information, a **SPECIAL ANNIVERSARY SUPPLEMENT** and more.



# More of Cape Cod National Seashore...

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

## Beaches, swimming, saltwater recreation

Coast Guard, Nauset Light, Marconi, Head of the Meadow, Race Point and Herring Cove beaches, stretching from Eastham to Provincetown, provide a variety of experiences for ocean swimming, fishing, beach combing and other recreational pursuits. All Seashore beaches have bathhouse facilities and are staffed with lifeguards from late-June through early-September when fees are collected. Free, seasonal shuttle buses serve Coast Guard Beach from the Little Creek parking area off Doane Road in Eastham. Shuttle bus service, for a nominal fee, is also available from various points in North Truro and Provincetown to Herring Cove beach. Herring Cove is the only beach with a seasonal snack bar concession. The use of floats, rubber rafts and similar items is prohibited at lifeguard-protected areas. Surfing is permitted outside of the lifeguard-protected areas.

Permits for driving on Seashore oversand routes are required and available for purchase at Race Point in Provincetown. Bird nesting activity may force some route closures during the spring and summer. Call (508)487-2100 for general information. Call (508)487-3698 for route closure information.

**Cape Cod beaches are prime nesting territory for the endangered piping plover and the threatened roseate tern. Visitors are expected to respect marked closed areas.**



## Accessibility

Many park facilities and services are accessible to disabled visitors. Large print versions of official park publications and the Buttonbush Trail are available for those with impaired vision. If you are hearing impaired, scripts or captioning for various park films are available upon request. Personal PA systems and TDD for incoming and outgoing telephone calls are available upon request at Salt Pond Visitor Center. Coast Guard and Herring Cove beaches provide accessible parking, restrooms, changing facilities and beach wheelchairs. In addition, Herring Cove beach features specially designed showers that can accommodate wheelchairs.

Park trails at Doane Rock in Eastham, the Marconi Station Site in Wellfleet and the Old Harbor Life-Saving Station in Provincetown have been surfaced to accommodate wheelchairs. Ask for a copy of the park's accessibility folder for more information.

## Park Information

Salt Pond Visitor Center (508)255-3421  
Province Lands Visitor Center (508)487-1256  
North District Ranger Station (508)487-2100  
South District Ranger Station (508)255-2112  
Park Headquarters (508)349-3785

For emergencies inside and outside the park, DIAL 911.

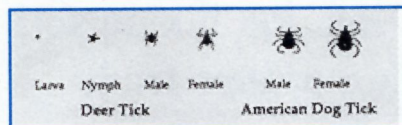
## Safety at the Seashore



Poison ivy is prolific in many locations. The rash it causes can cause severe discomfort. "Leaves of three, let it be".

Use sunscreen to avoid sunburn. Use a waterproof sunscreen if you intend to go swimming.

Take precautions to avoid contact with insects. Deer ticks may carry lyme disease. Mosquitos may carry encephalitis or the West Nile virus. Stay on trails, out of tall grasses and inspect clothes and skin. Use repellent and wear proper clothing.



Rip currents and undertow are common, dangerous conditions along ocean beaches. Stay safe by swimming in lifeguard-protected areas.

## Campfire Permits

A limited number of campfire permits per day, per Seashore beach, are available and may be reserved up to 3 days in advance by calling Salt Pond Visitor Center for Coast Guard, Nauset Light and Marconi beaches, or Province Lands Visitor Center for Head of the Meadow, Race Point and Herring Cove beaches. Permits need to be picked up at the reserving visitor center prior to 2 P.M. the day of the fire.

## Camping

Cape Cod National Seashore does not offer camping. However, many privately-owned campgrounds are available locally. The only nearby state campground is Nickerson State Park in Brewster, and can be reached at (508)896-3491.

## Entrance Fees

**Cape Cod National Seashore 2001 entrance fee schedule, late-June through early-September.**

All passes are available at beach entrance stations and visitor centers

**Daily entrance:** \$7 per day per vehicle  
\$1 per pedestrian or bicyclist  
under 16 free

**Seasonal pass:** \$20 per vehicle for unlimited entrances at all Seashore beaches

**Other entrance fee passes:**

\$50, "Parks Pass" good for one year from purchase for entrance fees at all national parks. Also available for purchase online at [www.nationalparks.org](http://www.nationalparks.org) or by calling 1-888-GO-PARKS

\$15, upgrade for Parks Pass, good for one year at all federal recreation areas

\$10, Golden Age Lifetime Pass, for all federal recreation areas, US citizen 62 years or older

Free, Golden Access Lifetime Pass, for all federal recreation areas, US citizen with disability

## Pets

Ask at Seashore visitor centers or ranger stations about areas where pets are permitted and restrictions that apply. Specific areas where pets are prohibited are posted.



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# VIEWING WILDLIFE

## In Eastham:

Listen for the "bob-white" call of Common Bobwhite, a type of quail, between April and September at **Fort Hill** in Eastham. The meadows here are good places to find a variety of butterflies. There are often good views of Ospreys nesting on a pole far out in the marsh.



Quail or bobwhite



Mussel

Mussels, Periwinkles, Green and Blue Crabs, and other shellfish can be found at **Salt Pond** in Eastham year round. Belted Kingfishers and Double-crested Cormorants are common in the summer.

At low tide on Nauset Marsh, birders can find the flats near the Coast Guard Station at **Coast Guard Beach** in Eastham full of feeding shorebirds from July through November. Also common are Great Blue and other herons, and a variety of terns. Cottontail rabbits are especially common near the station at dawn and dusk.



Cottontail (17 in. long)

## In Wellfleet:

Woodcocks can sometimes be seen and heard during spectacular display flights at sunset from March through summer near the headquarters building at the **Marconi Area** in Wellfleet. Bluebirds have been seen in this same area in the spring.



American woodcock (nearly 1 ft. long, including the long bill). The European woodcock is longer.



Fiddler Crabs frequent the higher parts of the marsh right beside the trail at **Great Island** in Wellfleet and are especially visible at low tide during the summer.

## In Truro:

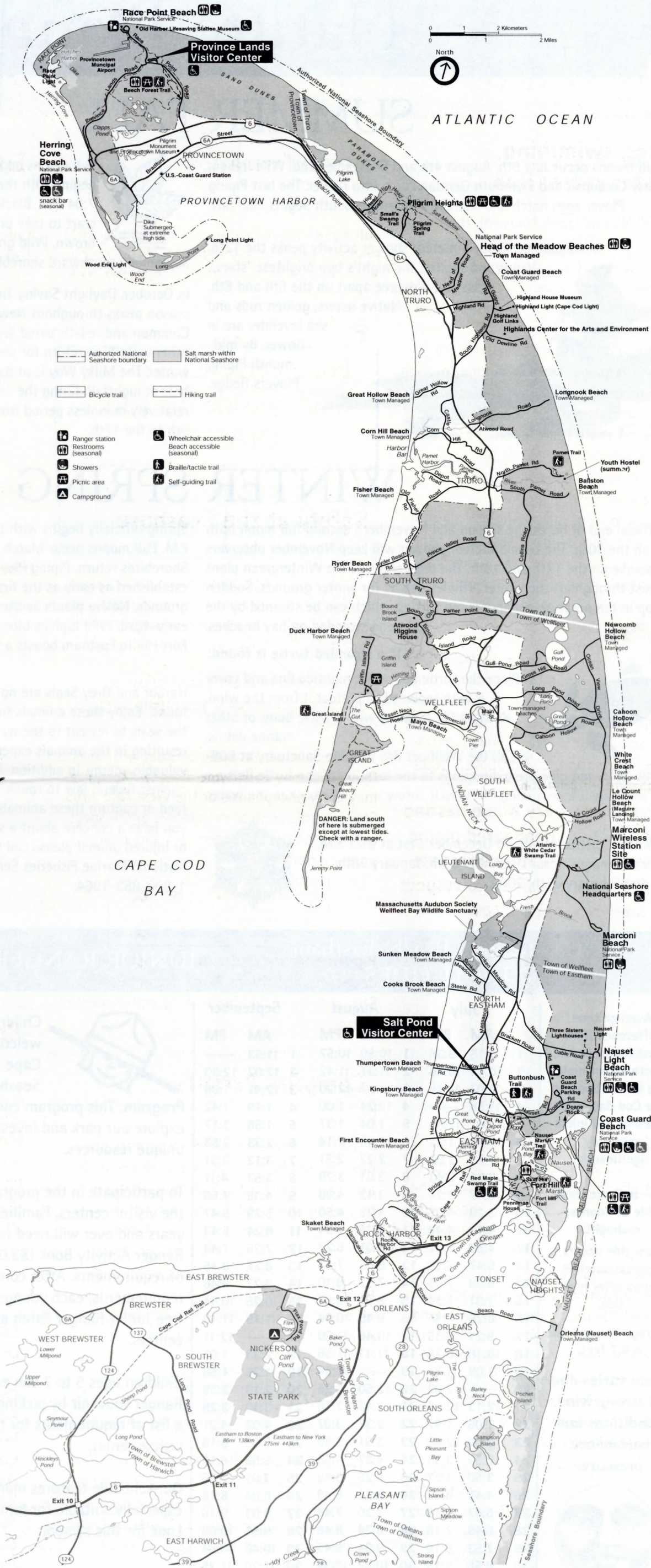


Red-tailed hawk (about 2 ft. long)

Overlooks along the Small's Swamp Trail at **Pilgrim Heights** in North Truro are good sites for watching a variety of migrating hawks in the spring.

## In Provincetown:

Race Point and Herring Cove beaches may afford occasional but mostly distant views of Humpback, Fin, and Minke whales from April through October. Watch for spouts. In the wintertime, both beaches are good places to find northern seabirds from a family called the alcids.

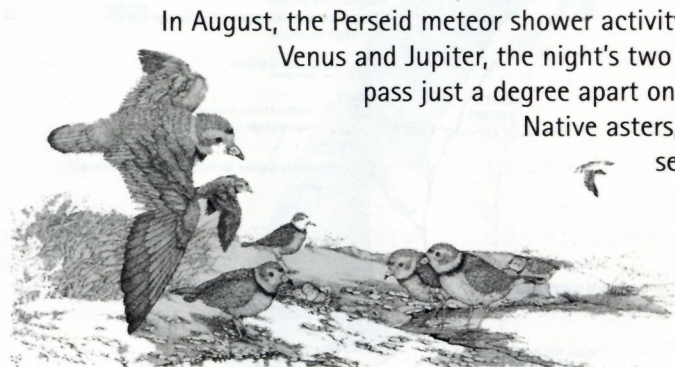




# Nature Planner

## SUMMER FALL

Full moons occur July 5th, August 4th and September 2nd. Wild Indigo, Rosy Coreopsis and Plymouth Gentian come into flower. The last Piping Plover eggs hatch and shorebird migration south begins mid-July.



In August, the Perseid meteor shower activity peaks the 12th. Venus and Jupiter, the night's two brightest "stars," pass just a degree apart on the 5th and 6th.

Native asters, golden rods and sea lavender are in flower. By mid-month Piping Plovers fledge.



Full moons occur October 2nd and November 1st. Autumn begins with the equinox on September 22nd, at 7:04 P.M. Black gum and red maple leaves start to take on autumn color and salt marsh grasses turn brown. Wild grapes and beach plums continue to ripen. Late September, southward shorebird migration peaks.

In October, Daylight Saving Time ends at 2 A.M. on the 28th. Fall foliage season peaks throughout New England. Common and red-throated loons and other waterfowl return for the winter. The Milky Way is at its best at nightfall during the relatively moonless period from the 9th to the 17th.



## WINTER SPRING

The official end of hurricane season and November's second full moon both occur on the 30th. The Leonid meteor shower will keep November observers awake on the 17th and 18th. The red berries of the Wintergreen plant persist throughout the winter. Whales depart for winter grounds. Sudden drop in temperature endangers sea turtles, which can be stunned by the cold and stranded on bay beaches.

### If a stranded turtle is found:



- ❖ Place the turtle above the hightide line and cover it with seaweed to protect it from the wind.
- ❖ Mark the location with a stick, buoy, or other marine debris.
- ❖ Call the Wellfleet Bay Wildlife Sanctuary at 508-349-2615 and give them directions to the location of the turtle (leave a message if after hours).
- ❖ Do NOT throw the turtle back in the water.

The Winter Solstice occurs on December 21st at 2:21 P.M. Winter full moons occur December 30th, January 28th, 2002 and February 27th, 2002.



Spring officially begins with the vernal equinox on March 20th, 2002, at 2:03 P.M. Full moons occur March 28th, April 27th and May 26th, 2002. Shorebirds return. Piping Plovers begin to reappear mid-March with nests established as early as the first week in April. Whales return from winter grounds. Native plants awaken with Broom Crowberry the first to bloom in early-April. Wild lupines bloom mid-to-late May depending on the weather. Fort Hill in Eastham boasts a profuse and impressive display.

Harbor and Grey Seals are now commonly sighted on Seashore beaches year-round. Enjoy these animals from a distance as human disturbance will cause the seals to retreat to the water resulting in the animals expending valuable energy. In addition, it is against federal law to touch, feed or capture these animals. If you have a concern about a sick or injured animal please call the National Marine Fisheries Service at 1-800-853-1964.



### Coast Guard Beach, Eastham HIGH TIDES

| Average time difference from Coast Guard Beach, Eastham for high tide at locations on Cape Cod Bay -0:30. Marshes and inlets may vary significantly.                                                                | July |       | August |    | September |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|--------|----|-----------|-------|
|                                                                                                                                                                                                                     | AM   | PM    | AM     | PM | AM        | PM    |
| ---- indicates high tide at noon or midnight.<br>Low tide occurs approximately 6 hours after high tide.<br>Average rise and fall is 6.7 feet.<br>Time varies due to strong wind conditions and barometric pressure. | 1    | 9:15  | 9:36   | 1  | 10:50     | 10:57 |
|                                                                                                                                                                                                                     | 2    | 10:14 | 10:28  | 2  | 11:37     | 11:42 |
|                                                                                                                                                                                                                     | 3    | 11:07 | 11:16  | 3  | -----     | 12:20 |
|                                                                                                                                                                                                                     | 4    | 11:56 | -----  | 4  | 12:24     | 1:00  |
|                                                                                                                                                                                                                     | 5    | 12:01 | 12:41  | 5  | 1:04      | 1:37  |
|                                                                                                                                                                                                                     | 6    | 12:43 | 1:23   | 6  | 1:43      | 2:14  |
|                                                                                                                                                                                                                     | 7    | 1:25  | 2:03   | 7  | 2:22      | 2:51  |
|                                                                                                                                                                                                                     | 8    | 2:05  | 2:43   | 8  | 3:01      | 3:29  |
|                                                                                                                                                                                                                     | 9    | 2:47  | 3:24   | 9  | 3:42      | 4:08  |
|                                                                                                                                                                                                                     | 10   | 3:29  | 4:05   | 10 | 4:25      | 4:50  |
|                                                                                                                                                                                                                     | 11   | 4:13  | 4:48   | 11 | 5:11      | 5:34  |
|                                                                                                                                                                                                                     | 12   | 4:59  | 5:32   | 12 | 6:01      | 6:22  |
|                                                                                                                                                                                                                     | 13   | 5:47  | 6:18   | 13 | 6:55      | 7:14  |
|                                                                                                                                                                                                                     | 14   | 6:38  | 7:05   | 14 | 7:52      | 8:10  |
|                                                                                                                                                                                                                     | 15   | 7:31  | 7:54   | 15 | 8:51      | 9:07  |
|                                                                                                                                                                                                                     | 16   | 8:26  | 8:45   | 16 | 9:49      | 10:04 |
|                                                                                                                                                                                                                     | 17   | 9:21  | 9:36   | 17 | 10:46     | 11:00 |
|                                                                                                                                                                                                                     | 18   | 10:16 | 10:28  | 18 | 11:41     | 11:56 |
|                                                                                                                                                                                                                     | 19   | 11:09 | 11:21  | 19 | -----     | 12:34 |
|                                                                                                                                                                                                                     | 20   | ----- | 12:02  | 20 | 12:50     | 1:25  |
|                                                                                                                                                                                                                     | 21   | 12:13 | 12:55  | 21 | 1:43      | 2:16  |
|                                                                                                                                                                                                                     | 22   | 1:06  | 1:47   | 22 | 2:37      | 3:07  |
|                                                                                                                                                                                                                     | 23   | 2:00  | 2:40   | 23 | 3:31      | 3:59  |
|                                                                                                                                                                                                                     | 24   | 2:54  | 3:33   | 24 | 4:27      | 4:53  |
|                                                                                                                                                                                                                     | 25   | 3:50  | 4:27   | 25 | 5:25      | 5:49  |
|                                                                                                                                                                                                                     | 26   | 4:48  | 5:22   | 26 | 6:26      | 6:48  |
|                                                                                                                                                                                                                     | 27   | 5:47  | 6:19   | 27 | 7:30      | 7:48  |
|                                                                                                                                                                                                                     | 28   | 6:49  | 7:18   | 28 | 8:34      | 8:48  |
|                                                                                                                                                                                                                     | 29   | 7:53  | 8:16   | 29 | 9:34      | 9:45  |
|                                                                                                                                                                                                                     | 30   | 8:56  | 9:13   | 30 | 10:27     | 10:36 |
|                                                                                                                                                                                                                     | 31   | 9:56  | 10:07  | 31 | 11:13     | 11:21 |



### JUNIOR RANGER PROGRAM



Children age 5 and up are welcome to participate in **Cape Cod National Seashore's Junior Ranger Program.**

This program encourages children to explore our park and investigate some of its unique resources.

To participate in the program, stop by one of the visitor centers. Families with children 8 years and over will need to purchase a Junior Ranger Activity Book (\$2.05) and request a list of requirements. After completing the requirements, each youngster will receive a free Junior Ranger Patch at one of the visitor centers.

Children ages 5 to 7 can earn a special Junior Ranger souvenir by picking up and completing a list of requirements for their age group at a visitor center.

Our schedule features many programs especially suitable for families and children. Look for this symbol:



### Sunrise and Sunset

over  
Provincetown



#### July

|    |      |      |
|----|------|------|
| 1  | 5:09 | 8:21 |
| 7  | 5:13 | 8:19 |
| 14 | 5:18 | 8:16 |
| 21 | 5:24 | 8:11 |
| 28 | 5:31 | 8:04 |

#### August

|    |      |      |
|----|------|------|
| 1  | 5:35 | 8:00 |
| 7  | 5:41 | 7:52 |
| 14 | 5:48 | 7:43 |
| 21 | 5:55 | 7:32 |
| 28 | 6:03 | 7:21 |

#### September

|    |      |      |
|----|------|------|
| 1  | 6:06 | 7:14 |
| 7  | 6:13 | 7:04 |
| 14 | 6:20 | 6:52 |
| 21 | 6:27 | 6:40 |
| 28 | 6:35 | 6:27 |



# Ranger-Led Activities July and August

**Salt Pond  
Visitor Center**  
Nauset Road off Route 6  
Eastham (508)255-3421

Denotes programs that are accessible with minor assistance. Contact park staff for additional accessibility services.  
 Denotes programs especially suited for families with young children.  
✓ Long pants (except canoe trips), appropriate footwear, hats, sunscreen, insect repellent & water are recommended for walks, hikes & canoe trips.

**Province Lands  
Visitor Center**  
Race Point Road off Route 6  
Provincetown (508)487-1256

## SPECIAL PROGRAM AND RESERVATION POLICY

❖ Unless otherwise noted, to make reservations for programs from Chatham to Wellfleet, call Salt Pond Visitor Center; for programs in Truro and Provincetown, call Province Lands Visitor Center. ❖ Canoe programs cost \$15 per adult, \$9 per child 16 and under. ❖ Canoe lessons cost \$7 per adult, \$5 per child 16 and under. ❖ Surfcasting demonstrations cost \$12 per person (adult or child). ❖ Minimum age for canoe trips is 6; canoe lessons and surfcasting is 12. ❖ All equipment is provided. ❖ You may have to wade and assist with moving equipment on canoe programs. Wear shoes (required) that can get wet. ❖ The canoe lessons meet the basic experience required by other park-sponsored canoe trips. ❖ Tickets are non-refundable, available in advance, and must be purchased either in person at visitor centers, or by phone with a credit card, prior to 4:30pm daily.

❖ Reservations for historic building tours and other special programs as noted may be made either in person or by phone to Salt Pond or Province Lands Visitor Center. ❖ Directions to meeting locations may be obtained at the visitor centers.

| Chatham/Orleans                                                                    | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                | Day and Time |         |            |         |                                  |        |     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|------------|---------|----------------------------------|--------|-----|
|                                                                                    |                                                                                                                                                                                                                                                                       | SU           | MO      | TU         | WE      | TH                               | FR     | SA  |
| CANOE TRIP: PLEASANT BAY<br>3 hours, 3-4 miles. \$                                 | Paddle through the protected waters in the upper reaches of Pleasant Bay.<br>By reservation only. See Special Program and Reservation Policy above.                                                                                                                   |              |         |            | 1:30pm  |                                  | 1:30pm |     |
| WALK: NIGHT AT THE BEACH (ORLEANS)<br>1 hour, 1/2 mile.<br>                        | Experience the sights, sounds and smells of the beach at night. Learn interesting facts about beach nightlife, and the night sky. Meet at the gazebo in the Nauset beach parking area off Beach Road in Orleans.                                                      |              |         |            |         | 8:30pm<br>July;<br>8pm<br>August |        |     |
| Eastham                                                                            | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                | SU           | MO      | TU         | WE      | TH                               | FR     | SA  |
|                                                                                    |                                                                                                                                                                                                                                                                       |              |         |            |         |                                  |        |     |
| WALK: EARLY MORNING BIRDING<br>Up to 2 hours, 1 1/2 miles.                         | Identify a variety of birds found along the shore and in upland areas with an experienced birdwatcher. Appropriate for all levels. Hemenway town landing (off Route 6, one road north of the blinking light at Fort Hill). Bring binoculars.                          |              |         | 7:30am<br> |         |                                  |        |     |
| SURFCASTING LESSON<br>1 1/2 hours. \$<br>                                          | Learn saltwater fishing and a little bit about the fish that inhabit these waters. Meet near the Coast Guard Station at Coast Guard Beach.<br>By reservation only. See Special Program and Reservation Policy above.                                                  |              |         |            | 7:30am  |                                  | 7:30am |     |
| HIKE OF THE WEEK<br>up to 3 hours.                                                 | Hikes go to special places, off-the-beaten-path in either Eastham, Wellfleet, Orleans or Chatham. Location varies from week to week. Free. Call Salt Pond Visitor Center to register.                                                                                 |              |         | 9am        |         |                                  |        |     |
| CANOE TRIP: NAUSET MARSH<br>2 hours, 2-3 miles. \$<br>                             | Paddle through a scenic marsh in search of marine life and stunning views. Tides vary - some trips require wading. By reservation only. See Special Program and Reservation Policy above. Ask about additional trips offered routinely throughout the summer.         | 9am          | 9am     | 9am        |         | 9am                              | 9am    | 2pm |
| WALK: OVER 350 YEARS OF EASTHAM HISTORY<br>1 1/2 hours, 1 1/2 miles.               | Explore the rich human history surrounding Nauset Marsh and the Fort Hill area. Hemenway town landing (off Route 6, one road north of the blinking light at Fort Hill).                                                                                               |              |         |            |         | 9:30am                           |        |     |
| WALK: COASTAL FOREST TO OCEAN'S EDGE<br>1 1/2 hours, 1 1/2 miles.                  | Walk through a typical forest on Outer Cape Cod, which leads to the edge of the sea. Discuss factors that influence the plants and animals that live there. Doane Picnic Area.<br>                                                                                    |              |         |            |         |                                  | 9:30am |     |
| WALK: LORE of NAUSET MARSH<br>1 hour, 1 mile.                                      | Explore the rich natural and human history around Nauset Marsh. Learn how each has affected the other throughout time. Salt Pond Visitor Center terrace.                                                                                                              | 10:30am      |         |            | 10:30am |                                  |        |     |
| CANOE LESSON (for the beginner)<br>1 hour, 1 mile \$<br>                           | Learn basic paddling techniques and how to control a canoe. Counts towards experience required for our other canoe trips. By reservation only. See Special Program and Reservation Policy above. Ask about additional lessons offered routinely throughout the summer | 12:30pm      | 12:30pm |            | 9:30am  |                                  |        |     |
| SHELLFISHING DEMONSTRATION<br>1 hour.<br>                                          | Learn about the life histories of some local shellfish, how to harvest them and concerns about their future. Meet for the first 30 minutes at Salt Pond Visitor Center amphitheater. See tide-influenced programs, page 7.                                            | varies       |         |            |         |                                  |        |     |
| WALK: FISH, SNAIL, & HORSESHOE CRAB TALES<br>up to 1 1/2 hours, 1/2 - 1 miles.<br> | Walk and wade along the edge of a marsh and learn about the plant and animal life found in a salt marsh. Seine and dip nets will be used. Wading is encouraged and shoes that can get wet are required. Salt Pond Visitor Center terrace.<br>                         |              |         | 11am       |         | 3pm                              |        | 3pm |



| Eastham (cont'd)                                                                                                                                                                                                                                                              | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                                                                                                                                                                                                                             | Day and Time                     |                                  |     |                                  |    |                  |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------|-----|----------------------------------|----|------------------|----------------------------------|
|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | SU                               | MO                               | TU  | WE                               | TH | FR               | SA                               |
| <b>CAPTAIN EDWARD PENNIMAN HOUSE</b><br>T=TOUR, 10am, 1 hour.<br>OH=OPEN HOUSE, 1-4pm.                                                                                                                                                                                        | Explore the interior of this historic home at Fort Hill. Learn about this whaling captain and his well-traveled family. <b>OPEN HOUSE</b> , browse through. <b>TOUR, free, by reservation only. See Special Program and Reservation Policy, page 5.</b> Limited parking.                                                                                                                        |                                  | T                                | OH  | OH                               | OH | OH               | T                                |
| <b>LIGHTHOUSE TOUR of the THREE SISTERS</b><br>1 hour, 1/2 mile.                                                                                                                             | These 19th-century lighthouses once provided a beacon for sailors off the shore of Nauset Light Beach. Learn of their history and importance. Meet at NE corner of Nauset Light Beach parking area.                                                                                                                                                                                                                                                                                | 5pm                              |                                  | 5pm |                                  |    |                  |                                  |
| <b>TALK: NATURALIST'S TREASURE CHEST</b><br>30 minutes.                                                                                                                                      | Discover what the naturalist has in the bucket, box or knapsack. A hands-on demonstration of, or introduction to, animal or plant life on Cape Cod. Salt Pond Visitor Center terrace.                                                                                                                                                                                                                                                                                              |                                  | 2:30pm<br>3:30pm                 |     | 2:30pm<br>3:30pm                 |    | 2:30pm<br>3:30pm |                                  |
| <b>CAMPFIRE: NAUSET LIGHT BEACH</b><br>1 1/2 hours.                                                                                                                                          | Join us for an evening of fun as we gather around the campfire to learn about natural and historical resources of Cape Cod. Nauset Light Beach.                                                                                                                                                                                                                                                 |                                  | July<br>7:30pm,<br>August<br>7pm |     | July<br>7:30pm,<br>August<br>7pm |    |                  |                                  |
| <b>WALK: NIGHTLIFE</b><br>1 1/2 hours,<br>1 1/2 miles.                                                                                                                                       | Explore the Cape after dark and experience the sights, sounds and smells of the forest and marsh at night. Learn about adaptations that suit nocturnal life. Doane Picnic area.                                                                                                                                                                                                                                                                                                    | July<br>8:30pm,<br>August<br>8pm |                                  |     |                                  |    |                  |                                  |
| Wellfleet                                                                                                                                                                                                                                                                     | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                                                                                                                                                                                                                             | SU                               | MO                               | TU  | WE                               | TH | FR               | SA                               |
| <b>WALK: TIDAL FLATS FORAGE</b><br>1 1/2 hours, 1 1/2 miles.                                                                                                                               | Explore the Cape Cod Bay tidal flats. Wear footwear that can get wet. Great Island parking area, on the bayside. <b>See tide-influenced programs, page 7.</b>                                                                                                                                                                                                                                 |                                  |                                  |     | varies                           |    | varies           |                                  |
| <b>WALK: PLANTS OF FIELD AND FOREST</b><br>1 1/2 hours, 1 1/2 miles.                                                                                                                       | Explore two rare plant communities: heathlands and cedar swamps, and discover how plants have adapted to survive the extremes of sandy soils and swamps. Marconi Station Site overlook platform.                                                                                                                                                                                                                                                                                   |                                  | 9:30am                           |     |                                  |    |                  |                                  |
| <b>ATWOOD-HIGGINS HOUSE</b><br>T = TOUR, 1pm, 1 hour.<br>OH = OPEN HOUSE, 1-4pm.<br>                                                                                                       | A unique opportunity to visit the interior and grounds of this authentic 18th-century, full-cape house. <b>OPEN HOUSE</b> , browse through. <b>TOUR, free, by reservation only. See Special Program and Reservation Policy, page 5.</b><br><i>Directions:</i> From Eastham, take Route 6 north. Left onto Pamet Point Road, the last road before crossing the Truro town line. Limited parking.                                                                                    |                                  |                                  |     | T                                | OH |                  |                                  |
| <b>CANOE TRIP: GULL POND</b><br>2 hours,<br>1-2 miles. \$                                                                                                                                  | Discover the diversity of life in this fresh water pond. Basic canoeing experience required. <b>By reservation only. Call PROVINCE LANDS VISITOR CENTER. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                                                                                                                   |                                  |                                  |     |                                  |    | 8am              |                                  |
| Truro                                                                                                                                                                                                                                                                         | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                                                                                                                                                                                                                             | SU                               | MO                               | TU  | WE                               | TH | FR               | SA                               |
| <b>HIKE: PILGRIM LAKE DUNES</b><br>3 hours, 2-3 miles in soft sand.                                                                                                                                                                                                           | Hike among the Cape's largest dunes, including the unusual parabolic dunes. Meet at the trailhead at the end of High Head Road, off Route 6, North Truro.                                                                                                                                                                                                                                                                                                                          |                                  |                                  |     |                                  |    |                  | 8am                              |
| <b>WALK: BEARBERRY HILL</b><br>1 hour, 1mile.                                                                                                                                                                                                                                 | Take an easy walk to the top of Bearberry Hill and enjoy a commanding view of former cranberry bogs and the Atlantic Ocean. Meet at the trailhead parking area near the youth hostel at the end of North Pamet Road, off Route 6.                                                                                                                                                             |                                  |                                  |     |                                  |    | 11am             |                                  |
| <b>FAMILY PROGRAM: CAPE COD STORIES AND POEMS</b><br>1/2 hour. July 7 & 21,<br>August 4 & 18 only.<br>  | Join professional storyteller/actor and Wellfleet resident Florence Phillips for a lively program about Cape Cod's environment and its past. Highlands Center for the Arts & Environment. <i>Directions:</i> Cape Cod (Highland) Light exit off Route 6, Truro. Go past the turn to the lighthouse. Turn left onto Old Dewline Road. <b>FREE.</b> Rain location: Payomet Tent, Noons Heights Road, Route 6, North Truro. <b>A partnership with Payomet Performing Arts Center.</b> |                                  |                                  |     |                                  |    |                  | 11am                             |
| <b>HIKE: PAMET VALLEY</b><br>2 1/2 hours, 2-3 miles.                                                                                                                                                                                                                          | This moderate hike explores the Bearberry Hill and Pamet Valley areas, coastal processes, vanishing heathlands, and cultural landscapes. Trailhead parking area near the hostel at the end of North Pamet Road, off Route 6.                                                                                                                                                                                                                                                       |                                  | 2pm                              |     |                                  |    |                  |                                  |
| <b>WALK: FROM THE AIR FORCE TO THE ARTS AND ENVIRONMENT</b><br>1 1/2 hours, 3/4 mile.                                                                                                                                                                                         | Explore the former North Truro Air Force Station and the exciting plans for its future. Take Route 6 to Cape Cod (Highland) Light exit in Truro. Travel past the turn to the lighthouse. Turn left onto Old Dewline Road. Meet at the lot outside the station entrance.                                                                                                                                                                                                            |                                  |                                  |     | 2pm                              |    |                  |                                  |
| <b>WALK: SUNSET AND SUPPER IN THE PAMET VALLEY</b><br>2 1/2 hours, 2-3 miles.                                                                                                                                                                                                 | Experience the changing landscape of the valley and great views of the Atlantic. Bring a supper that is easy to carry and eat. <b>Free, by reservation only. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                          |                                  |                                  |     |                                  |    |                  | July<br>6pm,<br>August<br>5:30pm |
| <b>CAMPFIRE: BALLSTON BEACH</b><br>2 hours,<br>1 mile in loose sand.                                    | Enjoy twilight on the outer beach with stories around the campfire. Dress for cool evenings and bring a flashlight. Meet at the hostel at the end of North Pamet Road, off Route 6.                                                                                                                                                                                                                                                                                                |                                  |                                  |     | July<br>8pm,<br>August<br>7:30pm |    |                  |                                  |





# Cape Cod National Seashore and Eastham Celebrate Anniversaries



Preserving Cape Cod's dynamic heritage is a primary responsibility of Cape Cod National Seashore, and the year 2001 serves a special role in honoring a number of significant anniversaries. For starters, the year 2001 marks the 85th anniversary of the founding of the National Park Service. Cape Cod National Seashore, as one of the most popular units of the agency, is proud to be part of this momentous milestone. Likewise, the year 2001 is the first in a series of 100th anniversaries that revolve around the historic development of transatlantic wireless radio operations. Cape Cod's part in this story will cap a series of worldwide celebrations slated for 2001 and 2003.



*Witnesses to the signing by President John F. Kennedy of the Cape Cod National Seashore Bill, August 7, 1961. Pictured from left to right: Congressmen from Massachusetts Thomas J. Lane, J. Bradford Morse, Hastings Keith, Senator Frank E. Moss (Utah), Congressman Thomas P. "Tip" O'Neill, Jr. (MA), Senator Benjamin A. Smith II (MA), Congressman John P. Saylor (MA), Senator Ernest Gruening (Alaska), Congressman Philip J. Philbin (MA), Congressman J. T. Rutherford (Texas), Congressman Harold D. Donahue (MA), Senator Gordon Allott (Colorado), Congressman James A. Burke (MA), Congressman Wayne N. Aspinall (Colorado), Under Secretary James K. Carr (Dept. of the Interior). Photo by Abbie Rowe, courtesy of the National Park Service.*

Throughout 2001, two very special intertwining anniversaries are in the forefront - the 350th anniversary of the founding of the Town of Eastham, and Cape Cod National Seashore's own 40th anniversary. Both of these events are cornerstones in the heritage of Cape Cod and both stories overlap in many ways.



*Eastham Windmill, courtesy of Ron Morissette, photo taken circa 1960.*

In numerous respects, Cape Cod National Seashore was the first of its kind. Francis Burling's recently reprinted book, *The Birth of the Cape Cod National Seashore*, provides an eyewitness account of the formulation of this unique unit of the National Park Service. Cape Cod National Seashore was the first effort to create a National Park Service unit from lands that were primarily under private ownership. All earlier units were created mainly out of lands that were previously under federal ownership, or which were donated to the federal government. Yellowstone and Grand Canyon National Parks are examples of the former, while Acadia National Park is an example of the latter.

The balanced legislation which ensued was dubbed the "Cape Cod formula" and is still touted today as a model for facilitating new landscape preservation initiatives across the country. Young Massachusetts Senator John F. Kennedy co-sponsored a bill which would lead to the Act establishing Cape Cod National Seashore.





*Cape Cod National Seashore dedication ceremony, May 30, 1966, Wampanoag representatives with Secretary of Interior Stewart Udall. Photo courtesy of the National Park Service*

Because this area was to be substantially different from previous National Park Service areas (with legislation containing certain provisions for the continuation of private property ownership for residences built prior to 1959, and permission to allow hunting to continue under state regulations) it was determined that it would not be consistent with other units of the agency to give the Cape Cod area the title National Park. Thus it was suggested the area be given the title National Seashore. But for many local people, this unit of the National Park Service is still fondly referred to as the National Seashore "Park." Indeed, the still youthful President John F. Kennedy perpetuated this reference when he signed Public Law 87-126 at noon on August 7, 1961. Kennedy reputedly used a quantity of commemorative pens to sign the legislation, with the intent of issuing the pens as souvenirs at the end of the ceremony. To make use of all pens, Kennedy embellished his approval of the Act by adding marginal handwritten notes, which included

endorsement of the new "Cape Cod National Seashore Park." The official language of the Act, however, specifically designated the area simply as Cape Cod National Seashore. Massachusetts co-sponsors Senator Leverett Saltonstall and Representative Hastings Keith witnessed the signing at the White House along with a host of dignitaries. The event was highly publicized and made headlines in local and regional newspapers.

The newly formed Cape Cod National Seashore's boundaries overlapped with six towns on Outer Cape Cod. Each town provided numerous unique offerings. For example Provincetown provides a direct link with the Mayflower landing story and Pilgrim explorations; Truro harbors the landscape where playwright Eugene O'Neill and numerous other prominent writers created some of their best works; Wellfleet offers the

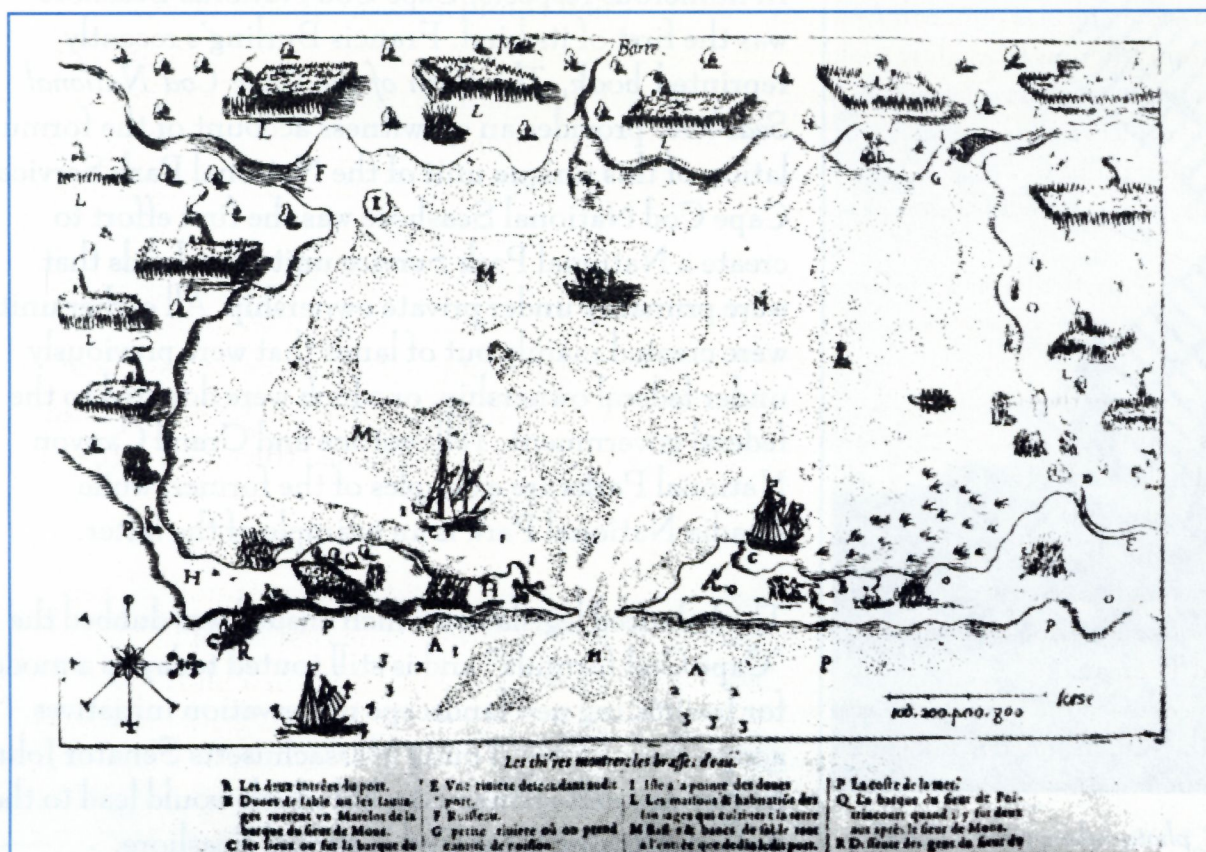
remarkable Atlantic White Cedar Swamp and the site of Marconi's famous two-way wireless message between President Theodore Roosevelt and King Edward VII; Eastham provided the Outermost House, made famous through the writings of Henry Beston; while Orleans and Chatham offer the great barrier beach portion of Nauset Beach and the beauty and tranquility of Pleasant Bay. Hundreds of additional stories, features and resources were added to this list as the newly formed National Seashore developed.

On May 30, 1966, in honor of the 5th anniversary of the authorization of Cape Cod National Seashore, an elaborate dedication ceremony was held at the newly constructed Salt Pond Visitor Center in Eastham. Members from

Congress were in attendance, along with officials from the Department of the Interior, National Park Service and a host of state and local officials. Also in attendance were representatives from the Wampanoag Tribal

Council. All were present to honor the establishment of the highly successful initiative that had become the Cape Cod National Seashore. Names like Elliott Richardson, Stuart Udall, Ted Kennedy, and Tip O'Neill were commonplace among the many speakers in attendance. Now, forty years after the authorization of Cape Cod National Seashore, the Salt Pond Visitor Center in Eastham still serves as a gateway for greeting and orienting a large portion of the five million visitors who come to Cape Cod National Seashore each year.

The Town of Eastham is also celebrating an important anniversary in 2001, its 350th! And many of Eastham's stories, events and features overlap with those honored and protected by the Cape Cod National Seashore. Of major significance is the rich history of the Native American people, known as the Nausets, who lived in the vicinity of present-day Eastham for thousands of years. French explorer Champlain made drawings of the many carefully tended fields and sturdy dwellings he saw when his ship visited the area now consisting of Nauset Marsh in 1605.



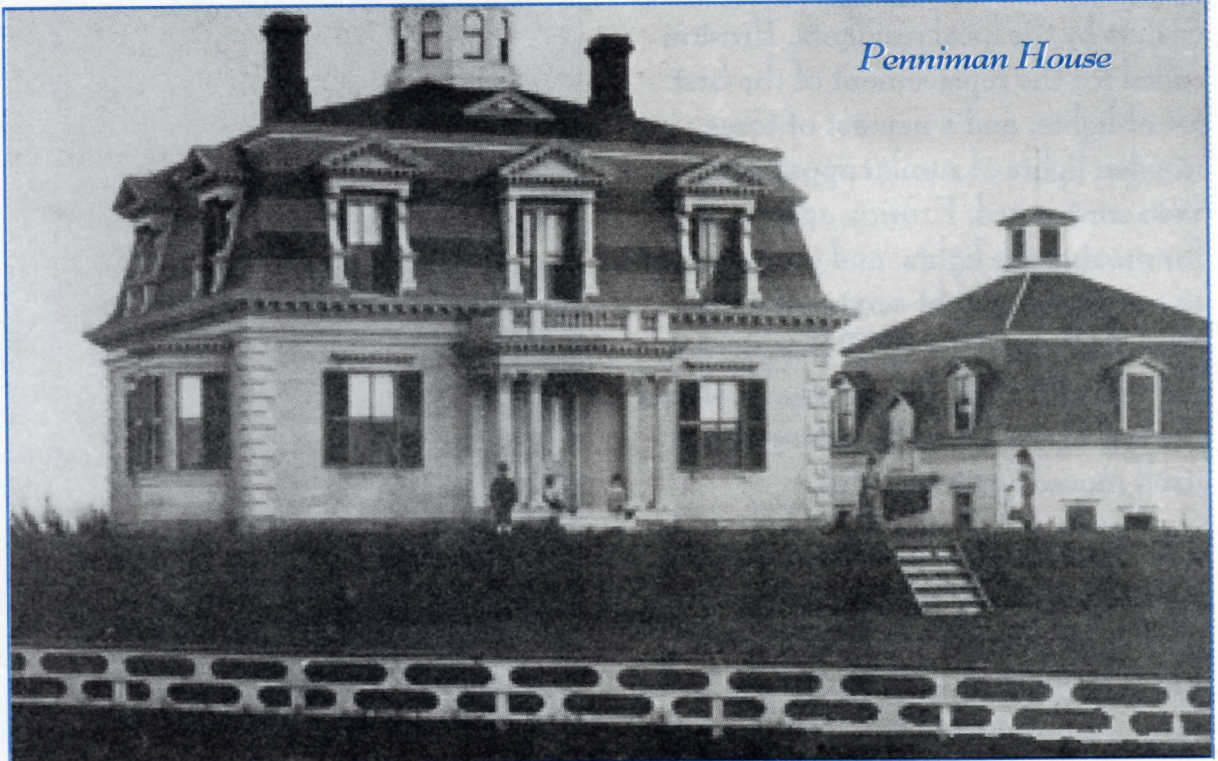
*Champlain's map of Nauset Marsh is the earliest known depiction of the area.*



In 1990 a significant archeological site, known as the Carns site, was excavated on Coast Guard beach in Eastham after it was threatened by ocean front erosion. The site yielded much information about the lifestyle of Native people during the woodland period, some two to four thousand years before present. In 1620, not long after Champlain's visit, the Pilgrims made a significant presence

*The balanced legislation which ensued was dubbed the "Cape Cod formula" and is still touted today as a model for facilitating new landscape preservation initiatives across the country.*

on Cape Cod. They spent about a month on the Cape after disembarking from the Mayflower, which was anchored off the tip of Cape Cod (in present day Provincetown harbor).



*Penniman House*

One of their exploratory trips resulted in a brief "encounter" with the Native Americans living in the Eastham area, ending in the Pilgrims firing musket balls and Natives shooting arrows, but no casualties were reported (thus the name for Eastham's First Encounter Beach located on the bayside). The Pilgrims returned to the Eastham area in 1644, with seven families taking up

permanent occupancy here. Three Mayflower passengers took on final residence in this new community, Giles Hopkins, Constance Hopkins Snow, and Joseph Rogers. All three are buried in the ancient burying ground adjacent to Route 6.

Henry David Thoreau visited Eastham in the 1850s, starting out from the "Great Beach" on Eastham's oceanside and traveling the length of the outer beach northward. Thoreau's comments were captured in his writings, later published in the still popular publication simply entitled "Cape Cod." The 19th century was a barren time for the Cape Cod landscape and Eastham was no exception. Formerly lush forests and farmlands had succumbed to overuse, leaving a barren and impoverished landscape. But the residents that remained were resourceful in other ways, specifically turning to the sea. As a result, it is not surprising that a number of prominent maritime figures hail from Eastham, including the noteworthy Captain Edward Penniman. Penniman was a successful whaling captain, but it is equally interesting that his wife and children accompanied him on several voyages. The Penniman family also built a stately French Second-Empire home in Eastham. It is now maintained and operated by Cape Cod National Seashore, with tours and open houses provided throughout the warmer months.

Eastham's lighthouses cannot be overlooked either. The first set of lights, constructed in 1838 on a bluff overlooking the Atlantic, consisted of three stubby lights that were made of brick and painted white with black tops. Because of their appearance at a distance, and the styles in vogue at the

## HISTORIC STATEMENT OF SENATOR EDWARD M. KENNEDY ISSUED ON THE TWENTY-FIFTH ANNIVERSARY OF THE CAPE COD NATIONAL SEASHORE

"On August 7, 1961, President John F. Kennedy signed into law the Cape Cod National Seashore Act, an innovative and unprecedented approach to the conservation of a remarkably beautiful area. This momentous occasion was the culmination of many years of planning and negotiations to establish the boundaries of the Cape Cod National Seashore encompassing more than 43,000 acres of land and water of the Outer Cape.

Anyone who has visited the Cape Cod National Seashore has had the opportunity to appreciate its striking beauty, participate in the recreational facilities made available to the public and come to an understanding of the history and character of Cape Cod which has charmed visitors for over 200 years.



*U.S. Senator Edward M. Kennedy at Cape Cod National Seashore dedication ceremony, May 30, 1966. Photo courtesy of the National Park Service.*

The Seashore reflects the unique and diversified nature of Cape Cod which encompasses many eras of North American history from Pilgrims to whaling captains and electronic-age inventors. The natural beauty of Cape Cod depicts a constantly evolving geology, migrations of wild birds and marine mammals, of rich marshes and recovering forests.

Of particular merit is the vast open sweep of outer beach that was preserved by the creation of Cape Cod National Seashore. Unbroken for nearly 40 miles, this picturesque strand is guarded by several lighthouses, most notable Highland Light. Dating back to its origins in the 1790's, Highland Light epitomizes the struggles between natural elements and human existence. Throughout its time, it warned mariners of imposing dangers,

and served as an inspiration for author Henry David Thoreau.

Twenty-five years ago, President Kennedy recognized the importance of preserving the natural and historic values of the Seashore for the inspiration and enjoyment of the people across the nation. I am proud to join in commemorating the dream that President Kennedy shared with the residents of Cape Cod to ensure that the Cape Cod National Seashore remains one of our nation's greatest treasures destined to be preserved for future generations."



time, they were fondly named the Three Sisters by the local residents. Erosion called for the replacement of the first set of lights, and a new set of three wooden lights of similar appearance were constructed. Erosion again called for moving the lights, and economy led to one flashing light serving the function of all three. In 1923 the current red and white lighthouse tower replaced the last of the Three Sisters, and was itself moved again in 1996.

The Three Sisters have been restored by the National Park Service and are on display inland from their original site. Tours are provided throughout the spring, summer and fall. Thanks to the cooperative efforts of a number of parties, including the Nauset Light Preservation Society, the attractive red and white tower of Nauset Light has not only been saved from the threat of erosion but is open to the public. Volunteers from the Society conduct tours during the spring, summer and fall.

Adjacent to Nauset Light is the location of the former French Transatlantic Cable operation, which serviced the underwater cable that connected that location with France from 1879 to 1940.

The Coast Guard and its precursor, the United States Lifesaving Service, also played a prominent role in the history of Eastham. The first lifesaving station, built in Eastham in 1872, was part of a network constructed by the federal government on the outer beaches of Cape Cod. Many heroic rescues were made by the crew of Eastham's Nauset Station. These sturdy rescuers came to the aid of shipwreck victims who were trapped on the sand bars that parallel the outer beach. The method of rescue consisted of firing a line from a small cannon, called a Lyle gun, or rowing out to the victims in a surfboat.

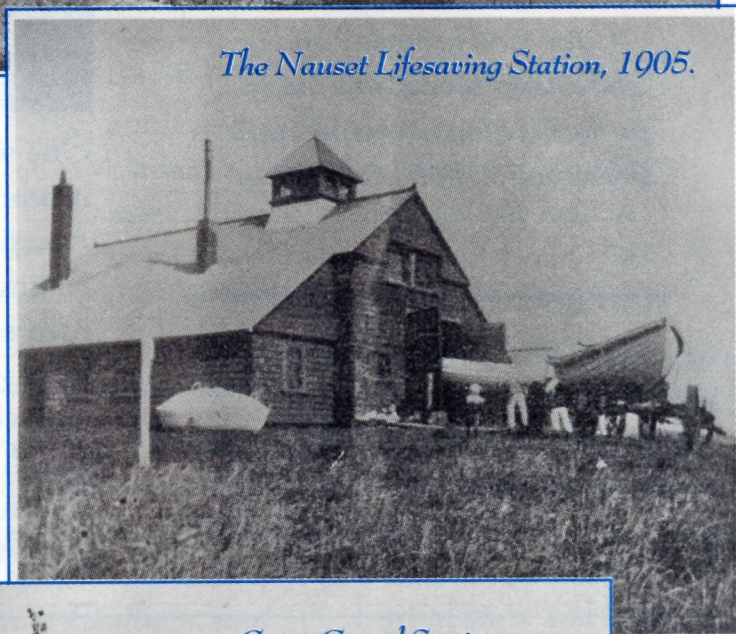


*Nauset Coast Guardsmen who rescued five members of the crew of the schooner "Anna Sophia" in Eastham. Left to right: Henry Hautenen, Ralph L. Ormsby, Julius Serpa, George Nickerson, and Yngre Rongner.*



*Three Sisters Lighthouses & French Cable Hut, photo by H. W. Gleason, 1903.*

© Collection of Noel W. Beyle



*The Nauset Lifesaving Station, 1905.*

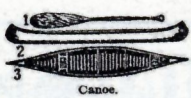
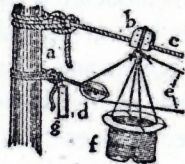


*Coast Guard Station, Eastham. Built in 1936, this station replaced the original Nauset Lifesaving Station.*

Surprisingly, the preferred means of rescue was by surfboat. In 1936 the original Nauset Station was replaced by the current one, which overlooks Coast Guard Beach. In 1959, the station was no longer needed by the Coast Guard. It was turned over to the National Park Service in 1961 to become a portion of the newly created Cape Cod National Seashore. The former Coast Guard station became the first headquarters of the National Seashore, serving that role until the present headquarters building was constructed in Wellfleet. Today, it serves as Cape Cod National Seashore's residential environmental education center, housing educational groups from throughout the eastern seaboard.

It is fitting that many features in Eastham are intertwined with the establishment of the Cape Cod National Seashore as both celebrate their noteworthy anniversaries.



| Provincetown                                                                                                                                                                                                                                       | Program Descriptions/Meeting Locations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Day and Time              |                        |      |                                                                                       |      |                             |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|------|---------------------------------------------------------------------------------------|------|-----------------------------|----------------|
|                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SU                        | MO                     | TU   | WE                                                                                    | TH   | FR                          | SA             |
| <b>SURFCASTING LESSON</b><br>2 hours. \$                                                                                                                          | Learn the basics of saltwater fishing, a little about the history of fishing in Provincetown and the fish that inhabit these waters. <b>By reservation only. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                                                                                                                                                                            |                           |                        |      | 7am,<br>except<br>8/22                                                                |      |                             |                |
|  <b>MONDAY MORNING<br/>HIKING CLUB</b><br>3-4 hours, 3-6 miles.                                                                                                   | Join a veteran park ranger to explore the beauty and variety the park has to offer. Hikes are moderate to strenuous, and feature out-of-the-way destinations which vary weekly. Free. Call Province Lands Visitor Center to register.                                                                                                                                                                                                                                                                                                           |                           | 8am,<br>except<br>8/20 |      |                                                                                       |      |                             |                |
| <b>WALK: TOUR OF THE TOWN</b><br>2 hours, 3 miles.                                                                                                                                                                                                 | Step back into the past for this walking tour of the history of Provincetown co-sponsored and presented with the Pilgrim Monument and Museum.<br><b>By reservation only. Call the Pilgrim Monument and Museum to sign up (487-1310). \$5 per person.</b>                                                                                                                                                                                                                                                                                        |                           |                        | 9am  |                                                                                       |      |                             |                |
| <b>FAMILY PROGRAMS</b><br>30 - 45 minutes.<br>                                   | Join a ranger for a short program of games, hands-on activities, or stories about the seashore's history or natural wonders. Adults must remain with children. All programs at Province Lands Amphitheater. <b>Hands-On Squids and Whale Tales are designed for ages 8-12, by reservation only.</b><br><small>Sundays, <i>Whale Tales</i>; Mondays, <i>Nature Detectives</i>; Tuesdays, <i>Hands-On Squids</i>; Wednesdays, <i>Naturalist's Backpack</i>; Fridays, <i>Cape Cod Life-Savers</i>; Saturdays, <i>Naturalist's Backpack</i></small> | 10am                      | 10am                   | 10am | 10am                                                                                  |      | 10am                        | 10am           |
| <b>LIFEGUARD DEMONSTRATION</b><br>1/2 hour.                                                                                                                       | Join a lifeguard at Race Point beach to learn about the job of real-life rescue heroes. Meet at the head guard chair. \$7 beach fee applies.                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                        |      |                                                                                       | 10am |                             |                |
| <b>SLIDE PROGRAM: THE BEAUTY<br/>OF STELLWAGEN BANK</b><br>3/4 hour.                                                                                            | Learn about Stellwagen Bank, off Race Point, and the variety of marine life it supports. Province Lands Visitor Center auditorium.                                                                                                                                                                                                                                                                                                                         |                           |                        | 11am |                                                                                       |      |                             |                |
| <b>CANOE TRIP</b><br>2-2 1/2 hours,<br>1-3 miles. \$                                                                                                            | Explore a lake, bay, or marsh by canoe. Basic experience required. <b>By reservation only. See Special Program and Reservation Policy, page 5.</b><br>(Trips on 7/18, 8/1 and 8/15 last 4 hours and include a hike.)                                                                                                                                                                                                                                                                                                                            |                           |                        |      | varies                                                                                |      |                             |                |
| <b>WALK: PROVINCE LANDS<br/>DUNE STROLL</b><br>1 hour, 1 mile in loose sand.                                                                                                                                                                       | Stroll through the dunes below the visitor center. Explore how the area has changed and how plants and animals survive in this environment. Province Lands Visitor Center.                                                                                                                                                                                                                                                                                                                                                                      | 9:30am,<br>2pm            |                        | 2pm  |                                                                                       |      | 2pm                         | 9:30am,<br>2pm |
| <b>WALK: BEECH FOREST RAMBLE</b><br>1 1/2-2 hours, 2 miles.                                                                                                                                                                                        | Stroll through this diverse forest and explore dune ponds and a changing landscape. Beech Forest Nature Trail.                                                                                                                                                                                                                                                                                                                                             |                           |                        |      | 9am                                                                                   |      |                             |                |
| <b>WALK: HATCHES HARBOR</b><br>2 1/2-3 hours, 3 miles, easy.                                                                                                                                                                                       | Hatches Harbor was diked in the 1930s. See how the marsh was altered and view current efforts to restore it. <b>Free, by reservation only. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                                                                                                                                                                                              | 1pm                       |                        |      |                                                                                       |      |                             |                |
| <b>WALK: TIDAL FLATS</b><br>2 hours, 1/2 mile.                                                                                                                                                                                                     |  Get your feet wet as you explore the abundance and diversity of life in an intertidal zone. <b>Free, by reservation only. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                                                                                                                           | varies,<br>except<br>8/19 |                        |      |  |      |                             |                |
| <b>OPEN HOUSE: OLD HARBOR<br/>LIFE-SAVING STATION</b><br>1:30-3:30pm.                                                                                           | Visit this 1800s life-saving station and learn about the Cape's dramatic shipwreck history and valiant rescues. Park at Race Point Beach and take the boardwalk to Old Harbor. \$7 beach fee applies.                                                                                                                                                                                                                                                                                                                                           | OH                        | OH                     | OH   | OH                                                                                    |      | OH                          | OH             |
| <b>HIKE: ART IN THE DUNES</b><br>3 hours, 2 1/2-3 miles in<br>loose sand.                                                                                                                                                                          | On this long hike, meet an artist-in-residence and view first hand the quality of light, natural environment, and isolation that attract artists and writers to Provincetown. <b>Free, by reservation only. See Special Program and Reservation Policy, page 5.</b>                                                                                                                                                                                        |                           |                        |      |                                                                                       |      | 4:30pm                      |                |
| <b>CHILDREN'S THEATER:<br/>SEE HOW I CHANGE!</b><br>1 1/2 hours.             | Explore nature's world of change through puppetry, masks and audience participation. A puppet workshop follows each performance. Province Lands Amphitheater. Presented by Provincetown Theatre's Youth Actor's Research & Education Company.                                                                                                                                                                                                                                                                                                   |                           |                        |      |                                                                                       |      | 5pm<br>7/13, 7/27<br>& 8/10 |                |
| <b>WALK: NIGHTTIME<br/>ON THE BEACH</b><br>1 1/2 hours, 1/2 mile.                                                                                                                                                                                  | Explore the concepts of nocturnal life and celestial navigation as you experience the sights, sounds and smells of the beach at night. Bring a flashlight and a windbreaker. Meet at Old Harbor Life-Saving Station, Race Point Beach.                                                                                                                                                                                                                     |                           |                        |      | July<br>8:30pm,<br>August<br>8pm                                                      |      |                             |                |
| <b>HISTORICAL REENACTMENT:<br/>Beach Apparatus<br/>Drill</b><br>1 hour. \$   | Listen for the keeper's command, "Open the boat room doors!" and return to the days of shipwrecks and lifesaving along Cape Cod shores. This is our 22nd season of reenacting this 1902 rescue drill complete with surfmen in traditional uniform, firing of the Lyle gun, and use of the breeches buoy. Old Harbor Life-Saving Station, Race Point Beach. \$3 adults, \$1 seniors over 62, 16 & under free.                                                                                                                                    |                           |                        |      |                                                                                       | 6pm  |                             |                |

TIDE-INFLUENCED PROGRAMS

Here are the designated times for the programs offered through Salt Pond Visitor Center that are based on the tides:

| SHELLFISHING DEMONSTRATION<br>Sundays in Eastham  |                       | TIDAL FLATS FORAGE in WELLFLEET<br>Wednesdays  |                       | TIDAL FLATS FORAGE in WELLFLEET<br>Fridays  |                        |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------|
| July 1 ..... 4pm                                                                                                                     | August 5 ..... 7:30am | July 4 ..... 4pm                                                                                                                    | August 1..... 3pm     | July 6 no program                                                                                                                | August 3 ..... 4:30pm  |
| July 8 ..... 8:30am                                                                                                                  | August 12 ..... noon  | July 11..... 8:30am                                                                                                                 | August 8 no program   | July 13 ..... 9am                                                                                                                | August10 ..... 8:30am  |
| July 15 .....1:30pm                                                                                                                  | August 19 .... 6:30pm | July 18 ..... 2:30pm                                                                                                                | August 15 ..... 1pm   | July 20 ..... 4pm                                                                                                                | August 17 ..... 3pm    |
| July 22 ..... 7:30am                                                                                                                 | August 26 ...12:30pm  | July 25 ..... 8am                                                                                                                   | August 22 no program  | July 27 ..... 10am                                                                                                               | August 24 ..... 8:30am |
| July 29 ..... 2pm                                                                                                                    |                       |                                                                                                                                     | August 29..... 1:30pm |                                                                                                                                  | August 31 ..... 3:30pm |





David Barto as Thoreau

## Henry David Thoreau Returns to Cape Cod through August 19th

Professor David Barto, the personality behind the character, has been portraying Thoreau for over 15 years, previously at Walden Pond from 1984 to 1995. Meet Henry David Thoreau and experience his extensive knowledge of the Outer Cape in the 1850s, his interests in civil rights, and his passion for the environment.

**First 20 minutes of all walking programs are accessible.**

**Sunrise Thoreau Beach Walk** - 1 hour, 1 mile. Walk with Thoreau and relive the dramatic whale hunt he watched. Hear his flute against the backdrop of the crashing surf. Nauset Light Beach parking area. *Note: Severe weather cancels.* **Fridays, 6am.**

**Morning Marsh Walk with Thoreau** - 1 hour, 1½ miles. Enjoy humorous and descriptive excerpts from Thoreau's *Cape Cod*. Salt Pond Visitor Center lobby. **Thursdays and Saturdays, 10am.**

**Children's Story Time With Thoreau** - 1 hour. This amusing program may include Henry's story about *The Bird Call Contest of Concord*, a game from the 1800s or building a bird nest. Salt Pond Visitor Center terrace.

**Sundays at noon.** ♿

**Concord Adventures** - 1 hour. Enjoy stories from Henry's native Concord including *Big Stink in the Lincoln Woods* and *The Mud Monster of Owl's Nest Swamp*. Salt Pond Visitor Center terrace. **Fridays at noon.** ♿

**Cape Cod Adventures** - 1 hour. Thoreau recounts his meeting with the Wellfleet Oysterman and shares 1800s Cape Cod practices and sea monster sightings. Salt Pond Visitor Center amphitheater. **Saturdays, 5pm.** ♿

**Sunset Beach Walk With Thoreau** - 1 hour, 1 mile. Walk from the coastal forest to the Atlantic Ocean. Hear Thoreau's 1800s account of famous Doane Rock and other sights. Doane Rock at the Doane Picnic Area. *Severe weather cancels.* **Thursdays, 5pm.**

**Inspirational Walk With Thoreau** - 1 hour, 1 mile. Hear Henry's response to a student who asked about God. Find out about the famous Cape Cod camp meetings. Hemenway town landing (off Route 6, one road north of the blinking light at Fort Hill). *Note: Severe weather cancels.* **Sundays, 5pm.**

## EVENING THOREAU LECTURES



**WHY I WENT TO LIVE ALONE IN THE WOODS** - Learn some of the factors that led Thoreau to live alone in the woods. Listen to the personal history of his stay at Walden Pond. Salt Pond Visitor Center, **Saturday, July 14th.**

**THE BEST OF THOREAU'S CAPE COD** - Learn some of Thoreau's favorite stories from his three visits to Cape Cod in the mid-nineteenth century. **Province Lands Visitor Center, Wednesday, August 1st.**



**WHY I SPENT A NIGHT IN JAIL** - Get to know the personality and philosophies of Henry David Thoreau through his explanation for why he spent a night in jail. **Salt Pond Visitor Center, Saturday, August 18th.**

**Evening programs are one hour and begin at 7pm.**  
**Adults \$3, Children 16 & under \$2.**



## Musical Presentations



**THE LOWER CAPE CONCERT BAND** - These free concerts feature a variety of music, from show tunes to marches, with band members from Provincetown to Brewster. **Sponsored by the Friends of the Cape Cod National Seashore.** Salt Pond Visitor Center, **Saturday, July 7th at 7pm; Province Lands Visitor Center, Saturday, July 21st, 7pm. FREE.** ♿



**QUINTESSENTIAL BRASS** - Enjoy the traditional sounds of this brass quintet performing an old-fashioned band concert. The band

was selected to play at Cape Cod National Seashore through a grant from The Massachusetts Cultural Council. **Tuesday, July 24th, at Salt Pond Visitor Center, 7 pm. FREE.** ♿



**STEVEN PREU IN CONCERT** - Black Oar Music recording artist Steven Preu presents this family-oriented concert combining stories and songs that celebrate the maritime history of Cape Cod. Adults \$3, children 16 & under free.

**Tuesday, July 31st at Salt Pond Visitor Center at 7 pm.** ♿

**CELTIC MUSIC** - The musical duo *Shorten the Road* features Billy Hardy and Beth Sweeney performing music on a variety of traditional instruments: fiddle, banjo, concertina and tin whistle. Adults

\$3, children 16 & under free. Salt Pond Visitor Center. **Saturday, August 11th, at Salt Pond Visitor Center at 7 pm.** ♿



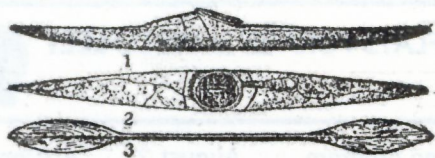
**THE PLAY OF YOUTH** - This performance is presented by Dillon Bustin, the creator of *The Play of Youth*, a musical and theatrical piece commissioned by the Eastham 350<sup>th</sup> Anniversary Committee. He will perform songs and stories that give insight into the lives of young people growing up on Cape Cod over the past three centuries. Adults \$3, children 16 & under free. **Tuesday, August 14th, at Salt Pond Visitor Center at 7 pm.** ♿

## GUEST PRESENTATIONS

All programs held at Salt Pond Visitor Center on Tuesday nights at 7:00 pm. All audiences. ♿

**SEAL POPULATIONS AND FOOD HABITS ON CAPE COD** - Join Gordon Waring, Ph.D., Research Fisheries Biologist from National Marine Fisheries Service at Woods Hole, for a 45-minute slide program on his research of seals on Cape Cod. He has conducted aerial surveys for nearly 2 decades and this spring initiated on-the-ground research at Cape Cod National Seashore. **July 10th. FREE**

**ADVENTURE KAYAKING ON CAPE COD** - Join professional photographer and author, David Weintraub for a slide-illustrated presentation of



excerpts from his recently updated book on kayaking throughout Cape Cod. Learn about kayaking locations, tides and special places on Cape Cod. **July 17th. FREE.**

**40TH ANNIVERSARY TALK** - Join Cape Cod National Seashore ranger and long-time historian, Mike Whatley, for a 45-minute slide-illustrated presentation on why and how Cape Cod National Seashore was created to protect one of the nation's cultural and natural treasures. **August 7th. FREE.**

**"Happy 40th Birthday Cape Cod National Seashore"**



**PETTICOATS AT SEA** - Join storyteller Joan Gattorna for a program based on the real-life adventures of several New England women who proved their courage and skill when faced with perils from the sea. **August 21st. Adults \$3, children 16 & under \$2.** ♿

**BUTTERFLIES: SCIENCE AND MYTH** - Join author/storyteller, Maraleen Manos-Jones, otherwise known as "The Butterfly Lady," for a 45-minute slide-illustrated program on the life history and myths associated with butterflies. Ms. Manos-Jones has an extensive collection of stories, legends, poems and art about butterflies, and has compiled them into a recently published book entitled, *The Spirit of Butterflies: Myth, Magic & Art*. **August 28th. FREE.** ♿





# Superintendent's Message... ... from Maria Burks

Forty years ago – August 7, 1961 to be exact – the Congress of the United States passed into law the act creating Cape Cod National Seashore. What a forty years it has been. Through those years seven superintendents (the honor is currently mine) and their fine staffs have sited and built visitor centers, bathhouses, parking lots and administrative facilities; wrestled with knotty problems of endangered species management; gone to court over ORV use; conducted volumes of scientific research; restored damaged natural areas; catalogued thousands of museum artifacts; moved lighthouses back from the cliffs; and provided over 100 million safe and interesting visits to our beautiful beaches, historic buildings and hiking trails.

It is a record to be proud of, and we are celebrating those accomplishments by marking this fortieth year with a little bit of ceremony. But even as we pause to acknowledge what has gone before, the world is shifting under our feet, forcing us to look forward. Change on Cape Cod has accelerated, right along with the economy. Every day local papers carry stories with troubling themes: nutrient loading is damaging estuaries, new home construction is threatening local character, roadways are more and more congested. These problems challenge all of us on the Outer Cape. In the seashore's general management plan, called "Forging a Collaborative Future," we outline possible strategies for addressing each of these issues.

Luckily, we don't have to take on these problems alone. In fact, we can't. These concerns are community-wide, and that's the level at which they must be tackled. But we can be a major player, and we have begun. A big focus for us this year, and over the next five or so, is the development of transportation systems that will reduce our dependence on private automobiles. In the summer, too many cars jam parking lots, sit idling outside full beach entrances, pollute the air and pull off the road onto fragile vegetation looking for a place to park. Emergency vehicles have a hard time moving, and making a left turn off Route 6 is taking your life in your hands! Local residents have trouble getting to and from work and school. In winter, congestion is much less a problem, but a growing population of seniors unable to drive and young people needing to work but unable to afford a car have created a constant need for auto alternatives.

Last summer, as partners with the Towns of Provincetown and Truro and the Cape Cod Regional Transit Authority, we helped initiate a first-ever shuttle system linking North Truro and our beach at Herring Cove, via Provincetown. It was hugely successful, and the team will be looking at experimental route expansions this year. To support its continuance, the Seashore is providing five new propane-fueled buses dedicated to this route. We are also active participants in the Cape Cod Transit Task Force, which is looking at this issue Capewide.

Through a special funding source dedicated to transportation planning in and around national parks, we have secured enough money to pay our share of the cost for a five-year transportation plan being shepherded by the task force. And, we are providing the lion's share of the funding for a plan that will map transportation plans for the Cape, especially the Outer Cape, for the next twenty-five years.

We have run our own shuttle system at Coast Guard Beach in Eastham for the last twelve years and have advocated strongly for other-than-private-auto alternatives. Now we are putting our money where our mouth is. And not just cash. Seashore staff members have their sleeves rolled up and can be found at strategy sessions, working group meetings, community discussions and conference calls in which ideas and answers are debated and decisions are made on this very difficult topic. Together with our communities we are making progress. With any luck, maybe you will actually find, some time in the next five years or so, that you are tempted to come to Cape Cod and leave your car behind!



Superintendent  
Maria Burks

## The little bookstores with the BIG selection of

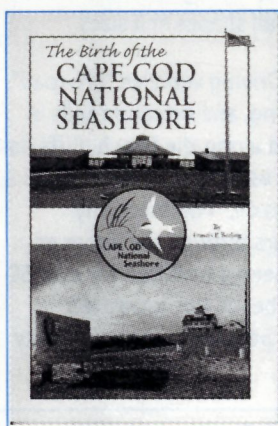
BOOKS ♦ MAPS ♦ POSTCARDS  
♦ MUSIC ♦ VIDEOS ♦ PUZZLES  
♦ EDUCATIONAL ITEMS  
for ALL AGES

♦ At Salt Pond and Province Lands  
Visitor Centers

♦ On the Internet at

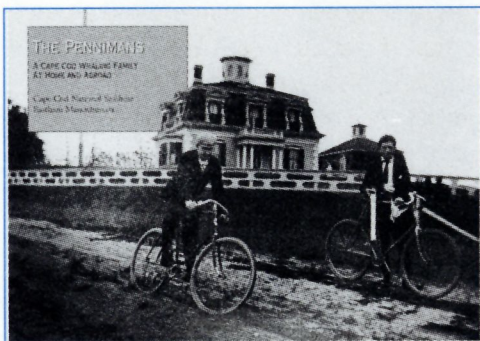
[www.nationalparksbooks.org](http://www.nationalparksbooks.org)

♦ Through mail or phone orders  
at (508)255-6860



*The Birth of the Cape Cod  
National Seashore*

**EASTERN NATIONAL** is a private, non-profit organization that provides educational products and services to park visitors. Proceeds are donated directly to Cape Cod National Seashore to support interpretive and educational programs, including the production and printing of this publication.

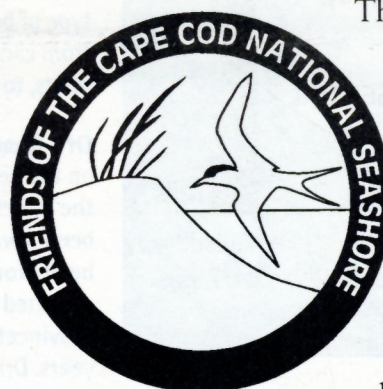


*The Pennimans: A Cape Cod Family At Home  
and Abroad*



**Serving America's National Parks and Other Public Trusts**

Eastern National provides quality educational products and services to America's national parks and other public trusts.



The Friends of the Cape Cod National Seashore is a young and thriving organization committed to the support and promotion of historical, scientific, educational and recreational projects of the Seashore for which there are no federal funds available. Among its many activities are: assisting with the maintenance of public hiking trails; coordinating conservation projects such as

planting beach grass to prevent dune erosion; funding the preservation of historic structures; making Seashore facilities and programs more accessible to the handicapped; and administering special funds for research projects.

## Join the FRIENDS OF THE CAPE COD NATIONAL SEASHORE

**Annual meeting July 14th,  
10 A.M. at Salt Pond Visitor Center  
FREE and open to the public.**

Take a moment to fill out the form below and join more than 500 other terrific people who enjoy a very special and caring relationship with the National Seashore.

Visit our website at [www.fccns.org](http://www.fccns.org).

----- Clip along this line -----  
Name \_\_\_\_\_ Phone \_\_\_\_\_  
Permanent Mailing Address \_\_\_\_\_  
City/Town \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_  
\_\_\_\_ Individual \$20 \_\_\_\_ Family \$35 (Husband/Wife & Children Under 18) \_\_\_\_ Sustaining \$100  
( ) Contact me about becoming a FRIENDS volunteer

MAIL THE COMPLETED FORM AND YOUR CHECK TO: **Friends of the Cape Cod National Seashore,  
PO Box 550, Wellfleet, MA 02667**



## Preserving a Way of Life

"The lower cape must also be viewed as a way of life – a culture – which though conditioned by its environment finds its essence in the people who have lived and are living there. This bill seeks to preserve the way of life which these people have established and maintained on the cape."

– from the Senate Committee on Interior and Insular Affairs' "Section-by-Section Analysis of the Bill" on the creation of Cape Cod National Seashore, June 1961

Cape Cod has seen significant change since the national seashore was authorized in 1961. Yet there still exists ways of life here that need to be identified, respected and supported. What are some of those "ways of life" and what does the national seashore do to help preserve them?

The National Park Service's Applied Ethnography Program is currently assisting park management in learning about communities in and around the park, and the meanings that the park and its resources have for various communities and groups. This is done through the techniques of ethnography, which include interviews, participant observation and other methods like mapping, photography and use of archival information. Through this process, local groups participate in the social construction of their own pasts.

**"Ethnography is a branch of Anthropology that describes customs, beliefs, social habits, technology, arts, values and institutions of any living group."**  
– National Park Service

In 1995, work began in this subject area through a preliminary ethnographic study for the national seashore. It identified the range of cultural use patterns of seashore resources and their value to both traditionally associated and contemporary neighboring people. Representatives of several Cape Cod cultural communities participated, including Wampanoag, Portuguese and Portuguese-Americans, Cape Verdeans, and contemporary park neighbors. More detailed studies are required so that ways of life can be preserved and the important stories of the Cape's rich heritage can be told and sustained.

To be considered customary, ways of life associated with park resources will usually have endured at least two generations. The following is a brief list of some of the primary ways of life, but by no means is it comprehensive or prioritized. Keep in mind that local, state and federal regulations that help protect park resources and park users apply to many of these activities. For example, residents and visitors must follow state and local regulations while fishing and shellfishing in the national seashore, and there are limits on the amount of edibles one may pick in the park for their own personal consumption.

**Art and Inspiration:** Because of the quality of the light and the subtle subjects of the natural and human world, writers, artists and poets have found the Outer Cape their inspiration. Eugene O'Neill and Harry Kemp are just two of many who have produced here, and many artists and writers still use the dune shacks of Provincetown and Truro for solitude and creation.



**Walking the Beach:** Like Beston and Thoreau before them, walkers trek the beach for inspiration, contemplation and solitude. The vastness of the beach, the isolating cliffs, the roar of the ocean and the limited sight distance down the beach caused by the coastline's curvature create a private sanctuary from the worries of daily life.

**Hunting:** Deer, rabbit and pheasant hunting are especially popular here. Hunting dates to the beginning of human history on Cape Cod.

"Despite modern society's continual erosion of our personal connections to the life and death processes of the natural world, there are still many families who understand and cherish the very special bonds between the land and the generations that only deer hunting can engender."

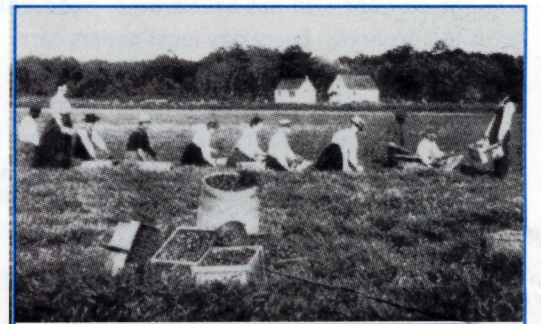
– from an article entitled, "Deer Hunting: A Family Affair", by Gerry Gribbons

Telling the story of local culture of the Outer Cape is important to preserving cultural heritage. This is a priority for the park, and innovative ways to connect with community members will be sought over the coming years.

**Coast Guard:** Since the early 1800s, the Massachusetts Humane Society and the U.S. Lifesaving Service patrolled the shores looking for ships in distress. Thirteen manned stations once guarded the shores; now the men and women of the U.S. Coast Guard protect the entire Cape from stations at Provincetown, Chatham and Woods Hole. Their presence has always been felt in the local communities they served.

**Boating:** Boating was the only easy way to get around Cape Cod before the railroad and automobile. Today, one can find just about any type of boat in and around the national seashore; from canoes to kayaks, fishing to whale-watch boats, to sailboats of all shapes and sizes.

**Off-Road Vehicles:** Driving vehicles "off-road" on the beach for fishing, and on sand roads in the dunes, forests and along the beach cliffs has been a way of life for as long as vehicles have been around. Dune "taxis," commercially operated off-road tours through the dunes of Provincetown, have been a tradition for over 50 years. Driving on the beach has increased dramatically with the popularity of sport-utility vehicles.



**Cranberry Harvesting:** Especially in New England, the story of cranberries is integrally connected to the Cape Verdean story. In the early years, Cape Verdeans from Harwich and Dennis helped to harvest the Pamet bog in Truro. Smaller wild bogs in the Province Lands dunes are favorite harvesting spots today.

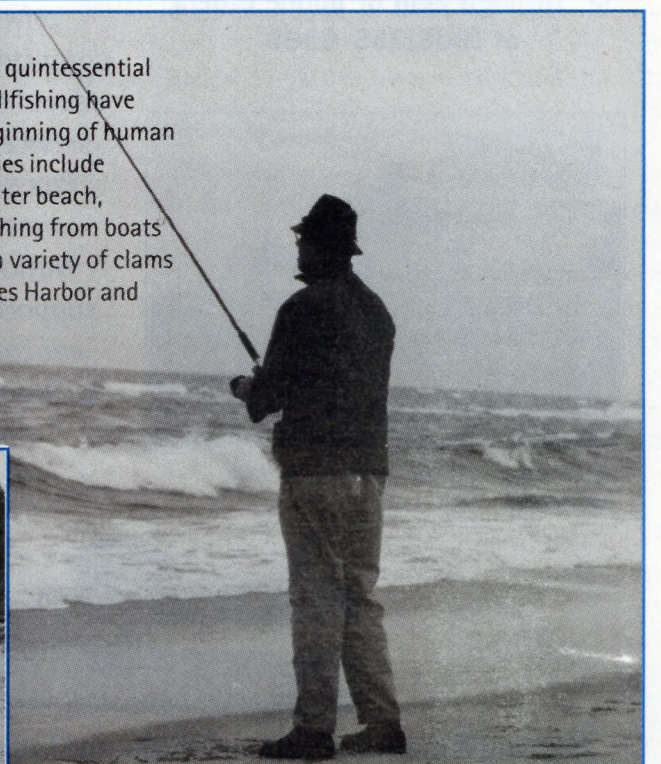


**Mushroom/Berry Picking:** Blueberries, blackberries, rose hips, raspberries and a variety of mushrooms are sought after at certain times of the summer and fall.

"The National Park Service will encourage participation in customary activities, including, but not limited to, beachcombing, driftwood collecting, berry picking, mushroom harvesting, shellfishing, fishing and contemplative activities."

– from Cape Cod National Seashore's "General Management Plan," 1998

**Fishing and Shellfishing:** Perhaps the quintessential Cape Cod "way of life", fishing and shellfishing have been traditional activities since the beginning of human occupation of the Cape. Fishing activities include surfcasting for striped bass from the outer beach, freshwater fishing at the ponds, and fishing from boats off the beach. Shellfisherman harvest a variety of clams and other shellfish in places like Hatches Harbor and Nauset Marsh.





# Inventory and Monitoring Update

Although they live their lives unnoticed by most people, small mammals are an important part of Cape Cod National Seashore's wildlife community. In addition to contributing to the overall variety or diversity of life here, small mammals play a major ecological role, consuming plant material and invertebrates, and in turn serving as prey items for snakes, birds of prey, and carnivorous mammals such as weasel, fox, and coyote. Through these food-web relationships, small mammals may directly influence population levels of insect pests and disease carriers such as gypsy moths and deer ticks, as well as certain regionally rare hawks and owls.

During the summer of 2000 small mammals were inventoried in the park to determine their occurrence, abundance, and preferred habitats. Sites in heathland, freshwater marsh, grassland, oak forest, and pine forest were sampled using live traps. Traps were checked daily and animals captured were identified, weighed, measured and marked, using tags that work like a supermarket price scanner, and released. Trapping began in late spring and continued until the end of summer.

A total of 972 individuals representing nine species were captured. Two species of rodents, the White-footed Mouse and the Meadow Vole accounted for 69% of all individuals caught. Collectively, rodents made up 89% of the total. Small mammals were most abundant in oak forests and wetlands, with decreasing numbers in pine forests, heaths, and grasslands. Species captured, in order of abundance:

- ❖ White-footed Mouse (47%) ❖ Meadow Vole (22%) ❖ Masked Shrew (10%)
- ❖ Red-backed Vole (10%) ❖ Meadow Jumping Mouse (9%) ❖ Short-tailed Shrew (1%)
- ❖ Southern Flying Squirrel (1%) ❖ Eastern Chipmunk (1%) ❖ Long-tailed Weasel (1%).

While some aspects of these results reflect the fact that squirrel-sized animals are less likely to be captured, the domination by small rodents is probably an accurate reflection of reality. Overall, these first year results tell us that the small mammal community at Cape Cod National Seashore is similar in abundance and make-up to others on and near Cape Cod. With continued monitoring, we hope to track changes in small mammal abundance relative to changes in weather, habitat, and predators. Armed with an understanding of these relationships, the National Park Service will be better able to protect the plants and wildlife entrusted to its care.



White-footed mouse inventoried during summer 2000



phragmites

## Exotic Plants at Cape Cod National Seashore

Exotic, or non-native, plants are widely recognized as a major threat to natural areas and ecosystems. These species have been introduced into an environment where they did not evolve and, therefore, have no natural enemies to limit their reproduction and spread, which causes a variety of problems including: loss of habitat for native plant and wildlife species; reduction in biodiversity; and changes to natural ecological processes such as plant community succession, nutrient cycling, and hydrologic regime.

A survey conducted in the summer of 2000 provided important information about the 830 species of plants occurring within Cape Cod National Seashore, approximately 25% of which are non-native to the Outer Cape.

A total of 70 exotic plant species were identified at 122 sites throughout the seashore. The species observed most frequently was Black Locust at 54 sites. The extremely invasive Phragmites was found to cover more than one-and-one-half times as much area as the species with the next highest area of infestation, Morrow's Honeysuckle.

Eighteen species were identified as problematic but also as hard to control. These species were: Japanese Honeysuckle, Oriental Bittersweet, Phragmites, Multiflora Rose, Purple Loosestrife, Rugosa Rose, Morrow's and Tatarian Honeysuckles, Black Locust, Japanese Knotweed, Bittersweet

Nightshade, Velvet Grass, European Barberry, Autumn Olive, White Alder, Scotch Broom, Spotted Knapweed, and Watercress. One species, Garlic Mustard, was also identified as posing a serious threat but easy to control because of its small population size. These 19 species will receive top management priority in executing the park's exotic vegetation management plan. The strategy is to start this year with the control of species that are newly established or that have small populations, specifically Garlic Mustard, Japanese Knotweed, Watercress, Spotted Knapweed, and Scotch Broom. These will be more easily and effectively controlled, and perhaps eradicated. Larger widespread populations will be addressed in the future.

## Landscape Change and Grassland/Heathland Birds

Most visitors to Cape Cod National Seashore are well aware of the park's high profile birds such as gulls, terns, Piping Plovers, waterfowl, shorebirds, and familiar songbirds. Few realize that there are also many species that maintain a low profile in the park's habitats. Among the most inconspicuous of all are a group of birds, mostly sparrows, that live in the park's grassland/heathland habitats. These include the Vesper Sparrow, the Savannah Sparrow, the Grasshopper Sparrow, and the Northern Harrier or "Marsh Hawk". While many people think of forests as the place where birds live, all of these species require open habitats, dominated by native grasses (not lawn grass), and low-growing heath vegetation.

When the 17<sup>th</sup>-century Europeans arrived, most of Cape Cod was oak and pine forest. However, grassland and heathlands also existed, created by wind, salt spray, fires and the agricultural activities of Native Americans. Grassland/heathland birds were part of this landscape, as evidenced by the presence and former abundance of the now-extinct Heath Hen. With European settlement, Cape Cod's forests were eventually cleared and farming and grazing dominated the landscape. These activities increased the amount of grassland/heathland habitat on Cape Cod, thus increasing the numbers of many grassland/heathland birds. During the 20<sup>th</sup> century, farming declined and forests have now reclaimed much of Cape Cod, and New England in general. This shift back to forest has resulted in a decline of grassland/heathland birds with many species now regionally threatened and endangered. In addition, the loss of grassland/heathland to development outside the park, and the lack of fires that once helped create and maintain these habitats may, ultimately result in the further decline and possible local extinction of grassland/heathland bird populations.

Bird surveys in recent years suggest this may already be occurring. The Grasshopper Sparrow, a state-threatened species, no longer nests at Fort Hill. In 1995, Cape Cod National Seashore had 34 Vesper Sparrows, which were 25% of the known Massachusetts population of this state-threatened species. A follow-up survey here in 2000 found 17, a 50% decline.

As an agency, the National Park Service aims to preserve, restore, and perpetuate the native landscape, and the diversity of vegetation and wildlife it supports. While the Seashore is committed to that goal, achieving it on a landscape that has been profoundly changed by over four centuries of human alterations is a difficult challenge.



Northern Harrier with chicks



# Historic Buildings at Cape Cod National Seashore

## The Penniman House, Eastham

The Penniman House, completed in 1868, was styled after the French Second-Empire period. It included every known comfort of the day and many innovative ideas. The Captain Edward Penniman family enjoyed this fine home for nearly 100 years. **Off Rte 6, approximately one mile north of the Orleans rotary at Fort Hill in Eastham. Limited parking.**



*The Penniman House*

## Nauset Light and the Three Sisters, Eastham

The lights at Nauset Beach have had a long and complicated past. Known as the Three Sisters, original brick towers built in 1838 fell victim to erosion in 1892, and were replaced with three movable wooden towers. The Three Sisters are now arranged in their original configuration in the woods just off Cable Road. The current Nauset Lighthouse was moved to Eastham from Chatham in 1923. The tower was moved to its current location in 1996. Its remaining "twin" in Chatham is still in operation. **Take Route 6 to the traffic light at Salt Pond Visitor Center at Nauset Rd., Eastham. Turn onto Nauset Rd. and follow signs to Coast Guard and Nauset Light beaches. Park at Nauset Light beach. The Three Sisters are located 1/4 mile south on Cable Rd. (Beach fees may apply.)**

## Atwood Higgins House, Wellfleet

As it stands, the Atwood-Higgins House is a fine example of a properly framed Cape Cod cottage, which grew from a half house in the early 1700's to a full Cape with eight rooms by the 19<sup>th</sup> century. **Take Route 6 to Pamet Point Rd. in Wellfleet. (The last road in Wellfleet before crossing the town line into Truro.) Take Pamet Point Rd. and follow signs to Atwood-Higgins. Limited parking.**

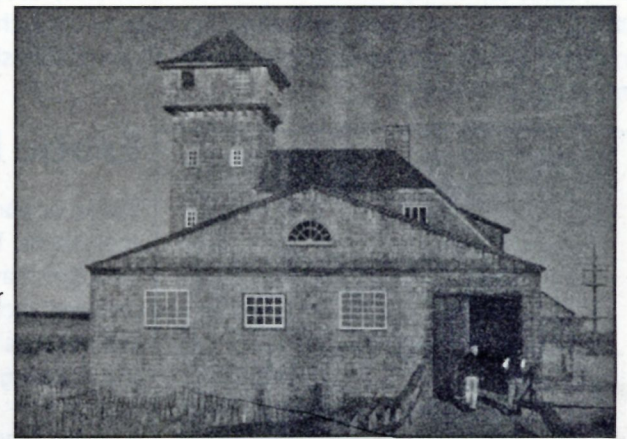
## Highland Light and Highland House, Truro

Established in 1798, Cape Cod Light (also known as Highland Light) is the oldest lighthouse on Cape Cod. Regularly-scheduled tours are offered May to October, and there is a small museum in the base that is open daily during the summer. The Highland House is home to the Truro Historical Society Museum and houses an excellent collection of items relating to Truro's history, including wreckage from numerous shipwrecks. **Take Route 6 to the Cape Cod (Highland) Light exit in Truro. Take a right off the ramp and follow signs to the lighthouse.**

## Old Harbor Life-Saving Station, Provincetown

The Old Harbor Life-Saving Station (circa 1897) is a remaining centerpiece of US Lifesaving Service and "surfmens" history on Cape Cod. Old Harbor is open during the summer months when historical reenactments of the breeches buoy rescues are performed weekly.

**Take Route 6 to Race Point Rd., Provincetown. Park at Race Point Beach and take the boardwalk. (Beach fees may apply.)**



# Local area information

## Chambers of Commerce:

### Cape Cod Chamber of Commerce:

Website: [www.capecodchamber.org](http://www.capecodchamber.org)  
Email: [info@capecodchamber.org](mailto:info@capecodchamber.org)  
Phone: 1-(888)33-CapeCod

Chatham: Website: [www.chathamcapecod.org](http://www.chathamcapecod.org)  
Email: [chamber@chathamcapecod.org](mailto:chamber@chathamcapecod.org)  
Phone: 1-(800)715-556  
Info Booth: (508)945-5199

Orleans: Website: [www.capecod-orleans.com](http://www.capecod-orleans.com)  
Email: [info@capecod-orleans.com](mailto:info@capecod-orleans.com)  
Phone: 1-(800)-865-3186  
Info Booth: (508)240-2484

Eastham: Website: [www.easthamchamber.com](http://www.easthamchamber.com)  
Phone: (508)240-7211  
Info Booth: (508)255-3444

Wellfleet: Website: [www.capecod.net/wellfleetcc](http://www.capecod.net/wellfleetcc)  
Email: [Wellfleet@capecod.net](mailto:Wellfleet@capecod.net)  
Phone: (508)349-2510

Truro: Website: [www.virtualcapecod.com/chambers/truro](http://www.virtualcapecod.com/chambers/truro)  
Email: [trurococ@capecod.net](mailto:trurococ@capecod.net)  
Phone: (508)487-1288

Provincetown: Website: [www.ptownchamber.com](http://www.ptownchamber.com)  
Email: [info@ptownchamber.com](mailto:info@ptownchamber.com)  
Phone: (508)487-3424

### Outer Cape Bicycle Rentals:

Arnold's, Provincetown (508)487-0844  
Black Duck, So. Wellfleet (508)349-9801  
Galeforce, Provincetown (508)487-4849  
Idle Times, Eastham (508)255-8281  
Idle Times, Wellfleet (508)349-9161  
Little Capistrano, Eastham (508)255-6515  
Nelson's, Provincetown (508)487-8849  
Provincetown Bikes, Provincetown (508)487-8735  
Wellfleet Cycles, Ltd. (508)349-9322



### Whale Watching in Provincetown:

Cape Cod Whale Watch (508)487-4079  
Dolphin Fleet 1-(800)826-9300  
Portugese Princess 1-(800)442-3188



### Outer Cape Seal and Nature Cruises:

Audubon Society at Wellfleet Bay (508)349-2615  
Beachcomber Seal Watches (508)945-5265  
CC Museum of Natural History (508)896-3867  
Chatham Water Tours (508)432-5895  
Monomoy Island Excursions (508)430-7772  
Monomoy Island Ferry (508)945-5450  
Outermost Adventures (508)945-5858  
Viking Princess (508)487-7323



### Outer Cape Guided Bicycle Tours

Cape Cod Bicycle Adventures 1-(888)644-4566  
Cape Outback Adventures (508)349-1617



### Dune Tours in Provincetown:

Art's Dune Tours 1- (800)894-1951  
King of the Hill  
Adventures 1-(877)738-6377



Department of the Interior  
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