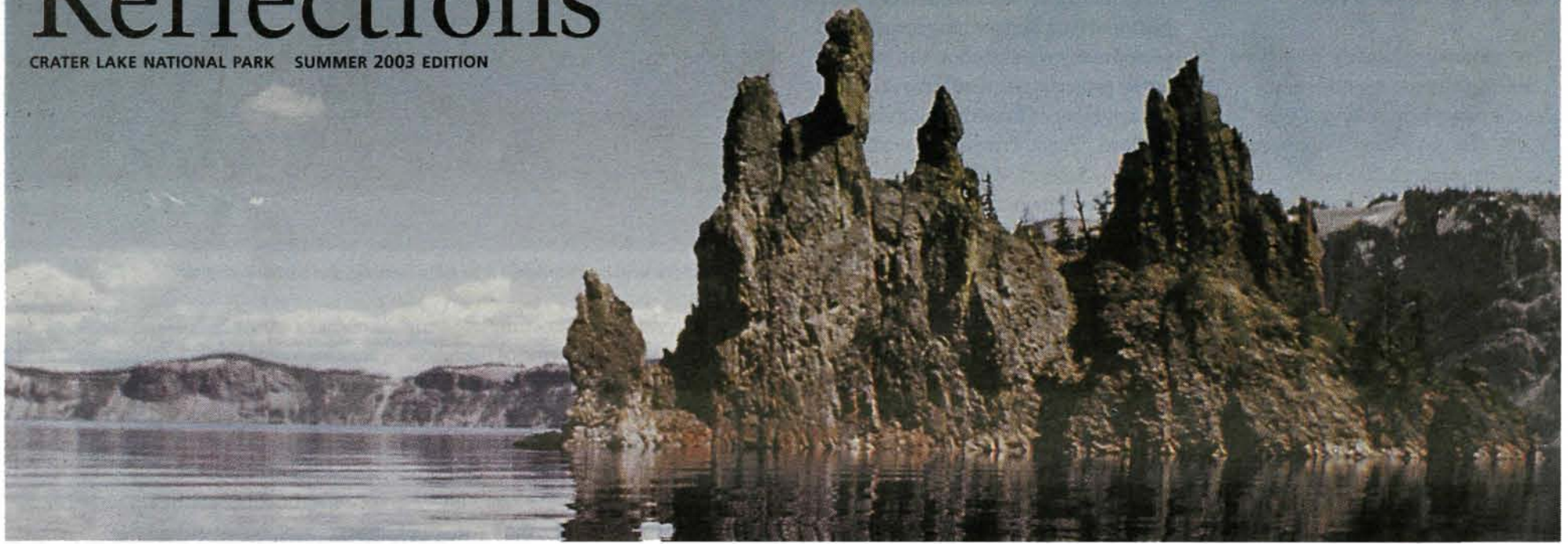




Reflections

CRATER LAKE NATIONAL PARK SUMMER 2003 EDITION



New Sinnott Memorial Exhibits

by Martha Hess, Park Ranger

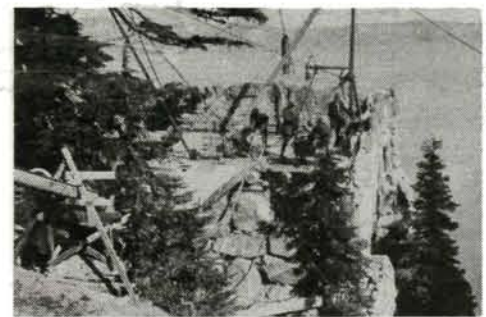
ON AUGUST 24, 2002, AS PART OF ITS CENTENNIAL celebration, Crater Lake National Park dedicated the new Sinnott Memorial exhibits. Originally constructed in 1930, the Sinnott Memorial provides an open parapet with wonderful views of the lake. Visitors gather here for ranger talks on the geologic "story behind the scenery." An enclosed display room was built into the caldera wall with the hope that interpretation of Crater Lake's scenic and scientific values would inspire visitors exploring the park on their own. This display room houses the new exhibits. The twin values of scenic beauty and scientific study which inspired the preservation of Crater Lake as a national park are the continued focus of the newly installed exhibits. The building was authorized by Congress in 1930 as a memorial to Representative Nicholas J. Sinnott, recognized for his keen interest in the national parks and for furthering the public's use of parks.

Nicholas J. Sinnott was born in 1870 at The Dalles, Oregon. He was elected to Congress in 1912 and served until 1928, and for several terms as Chairman of the House Public Lands Committee. He died unexpectedly in July, 1929. His colleagues unanimously approved the funding of a memorial to Sinnott at Crater Lake National Park. Many who served with him in Congress spoke heartfelt words about him at the dedication of the Sinnott Memorial on a sunny warm day in July

1931. Sinnott worked with early National Park Service leaders to develop services such as roads, trails, hotels, and camps to make national parks attractive and comfortable for the public. He particularly loved Crater Lake, recognizing its importance as both a scientific and scenic marvel. The dedication plaque contains Sinnott's stirring description of the lake from a speech to the House of Representatives.

The visitor to the Sinnott Memorial today will enjoy modern exhibits focusing on scientific research and scenic inspiration. Exhibits inform the visitor about the various geologic processes occurring here that formed ancestral Mt. Mazama and led to its great eruption 7700 years ago. Related processes that formed such features as Llao Rock, Pumice Castle, Devil's Backbone and Wizard Island are explained through video, photographs, graphics and text.

Scientists have long been inspired by Crater Lake's beauty, seeking to understand how it was formed and why it exists. The first research on the lake itself began in the 1860s. Lake research continues today. The history of this research and an overview of current scientific studies are included in the new exhibits. While the lake's ability to inspire is unchanged, over 70 years of research have taken place since the Sinnott was first dedicated and a great deal has been learned about Crater Lake. Take time to visit the Sinnott Memorial during your stay to learn more about what makes this natural wonder so amazing.



NPS Photos



2 Park Planning

Learn about the historic rehabilitation projects planned for the next few years as well as the development of the park's new General Management Plan.

4-5 Hiking Guide

Nearly one hundred miles of hiking trails are available for hikers and backpackers in Crater Lake National Park. How many have you explored?

6-7 Plan Your Visit

What services are available in the visitor centers? Where can I spend the night? When does the cafeteria open? Get all the facts!

- Park Planning Update...2
- Natural History Association...8
- Friends of Crater Lake...9
- Junior Ranger Pages...10-11
- Ranger-Led Programs...12



National Park Service
U.S. Department of the Interior

Crater Lake National Park

For generations, people have been awed by the spectacular beauty and intense blue color of Crater Lake. Five miles wide and ringed by cliffs almost 2,000 feet high, the lake rests in the shattered remnants of an ancient volcano, which erupted and collapsed into itself 7,700 years ago. 1,943 feet deep at its deepest point, it is one of the deepest lakes in the world, and contains some of the world's purest water. Pristine forests and deep canyons blanket the mountain's outer slopes.

Superintendent
Charles V. Lundy

Mailing Address
P.O. Box 7
Crater Lake, OR 97604

Park Phone Number
541 594-3000

Web Site
www.nps.gov/crla

Reflections is published by the Crater Lake Natural History Association & edited by Pete Peterson.

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

Park Planning Update

by Mac Brock, Chief of Resources

THESE ARE VERY EXCITING times for Crater Lake National Park. The National Park Service has recently completed many construction and rehabilitation projects, tremendously improving a number of historic structures in the Rim Village. The park has rehabilitated the Sinnott Memorial and installed new interactive exhibits. The historic Kiser Studio has been entirely rehabilitated and is open as the summer Rim Visitor Center. Across from the Kiser Studio the historic Community House reopened last year with an exhibit of artwork from the park's Artist in Residence program. The Community House will serve as a gathering place for future interpretive programs. These newly remodeled facilities now join with other structures that have been rehabilitated over the past decade to preserve the Rim Village Historic District and better serve our visiting public.

RIM VILLAGE PROJECTS

We are not done yet. Planning is well underway to complete rehabilitation of historic Rim Village. As you visit the park, you may stop at the Cafeteria and Gift Store at Rim Village. Hidden within this structure is the original 1928 Camper's Store. Over the years, three additions were added to this original store to accommodate modern food service and gift sales. The park is proposing to turn back the clock and remove two of the additions, separate off one addition and return the 1928 building to its original external appearance. This historic 1928 structure will house a year



The gift store will be remodeled to help restore the historic character of Rim Village.

round park visitor center complete with exhibits and winter viewing of the lake. The remaining addition will be rehabilitated to accommodate food service and gift sales. Though this portion is not historic, it will be remodeled to complement and blend in with the Rim's historic architecture. Finally, the entire rim parking lot will be relocated behind these two facilities, away from the caldera rim. The current parking area will be a pedestrian plaza with walkways leading through a landscape of native plants. This project begins in 2005 and should be completed by the summer of 2007.

SCIENCE AND LEARNING CENTER

Not far from park headquarters, an historic house stands vacant. Originally constructed in 1932 as the summer residence for the park superintendent, it is now a National Historic Landmark, noted as one of the best examples of National Park Service rustic architecture. Advancing age and lack of funding for renovations have left it unsafe for use. Beginning next summer the National Park Service, private donors, and your park entrance fees are funding an ambitious project to restore and convert this historic residence into the Crater Lake Science and Learning Center. The Center will serve as a focal point for park research and a clearinghouse for educational resources. Rehabilitation of the Superintendent's House is scheduled for summer 2004 and completion by the end of summer 2005.

HIGHWAY PROJECT

Park roads are in constant need of maintenance. Usually basic resurfacing is done, however next year the park will be undertaking an upgrade of Highway 62 from the park's west boundary to the

southern entrance station. Crews will remove many unused pullouts and alter some alignments to improve safety. In particular we are redesigning a section of tight curves that have been the site of a number of past accidents. By the end of 2005 the route will be smoother and safer.

How to Get Involved

What should Crater Lake National Park be like in the next 15 years? The National Park Service is developing a General Management Plan ("GMP") to answer this question. GMPs take into consideration visitor services, park facilities, ease of access to the park, and types of uses. The existing plan dates from 1977. A process was initiated two years ago to develop a new GMP. The park looked at several alternatives, attempting to provide for both the protection of park resources and the public's use and enjoyment of the park. A suggested alternative for managing the park in the future will be presented this summer. Take a look at the proposals and give us your opinion. Planning documents, when available, will be posted on the park's website at www.nps.gov/crla. You can also review plans at local libraries or we can send you a copy for your comments. Send an email request for a draft plan to CRLA_Information_Requests@nps.gov or request by mail to:

Superintendent
Crater Lake National Park
P.O. Box 7
Crater Lake, OR 97604



The historic Community House at Rim Village will serve as a gathering place for future interpretive programs.

NPS Photo

NPS Photo

Crater Lake License Plate Available

Oregon vehicle owners can now support Crater Lake National Park while displaying a beautiful license plate. An Act of Oregon legislature was passed in 2001 to establish the Crater Lake Centennial License Plate program in honor of Crater Lake National Park's centennial. The plates went on sale at Oregon DMV offices in August 2002. You can also purchase a sample plate at the DMV or on the web at www.craterlakeplates.com

The proceeds from the Centennial plates go directly to the Crater Lake Science and Learning Center, along

with other projects. The Center will partner with researchers and educators, inviting and supporting high quality scientific investigations and then incorporating research findings into management goals, interpretive programs and resources for educators from kindergarten through the university level. On the Crater Lake "campus" we envision bringing together scientists, artists, educators and pupils toward a common goal of inspiration, appreciation and natural and cultural resource stewardship.

The Center's continued operation will be funded by an endowment created with license plate proceeds, and administered through the National Park Foundation, chartered by Congress in 1967 as the official nonprofit partner of America's national parks. The Foundation's mission is to strengthen the enduring connection between the American people and their national parks by raising private funds, making strategic grants, creating innovative partnerships and increasing public awareness.



Image: Oregon DMV

The Crater Lake License Plate.



NPS Photo

The Future Crater Lake Science and Learning Center.

Raising Support for Oregon's Jewel

The best efforts are fueled by passion. That's why grassroots initiatives, typically funded on a relative shoestring and driven by volunteers, often gain considerable momentum. In the National Parks, frequent visitors, park neighbors and general supporters are quick to rally around a cause, be it restoring a footpath or building a visitor center, when they feel a special connection.

With the passage of the 1998 National Park Omnibus Act, Congress directed the National Park Foundation, the official nonprofit partner of America's National Parks, to channel that energy. The Foundation has developed a network of park-specific funds that nurture local park support and help citizens engage in a structured way to help their favorite parks. Guided by local leadership, there are now eight national parks with fundraising boards currently at work, each with their own vision, goals, and unique approach, shepherded by the experience and resources of the National Park Foundation.

The Crater Lake National Park Trust was created through the generosity of six Oregonians who made substantial contributions to help the park celebrate its Centennial in 2002. The Trust seeks to establish Crater Lake National Park as a community-supported resource and



to provide ongoing private philanthropy to enhance the value of this special place for present and future generations.

Community leaders throughout the Pacific Northwest serve as Trustees of the Crater Lake National Park Trust. Crater Lake's Trustees provide oversight to the Trust and direct strategic initiatives for fundraising.



"The National Park Service cares for special places saved by the American people so that all may experience our heritage." The National Park idea is a uniquely American legacy. Just over 100 years ago, Crater Lake became one of America's earliest national

One of the programs the Crater Lake National Park Trust plans to support is the establishment of the new Science and Learning Center. The Crater Lake National Park Trust will also raise visibility and private support to further the preservation, understanding and enjoyment of the natural and historic resources at Crater Lake National Park for the next hundred years.

To learn more about the Crater Lake National Trust, please visit www.nationalparks.org/craterlake

parks, set aside because of its magnificent beauty as a true "natural wonder." Early visitors traveled by horse drawn wagons over rough roads to glimpse its majesty. Visitors today can experience our national geologic heritage with a trip to southern Oregon to experience the "Jewel of the Cascades."

Welcome to Crater Lake National Park. If you are a return visitor, we are pleased to welcome you back. Enjoy the awe inspiring views of the lake. Walk beneath the majestic ponderosa pines. Join a park ranger on a guided hike or explore the park on your own. In our changing times, the national parks provide a place for us to reflect and recre-



NPS Photos

A tranquil summer day at Crater Lake.



The intriguing Phantom Ship.

ate. We hope your experience here is safe and memorable.

Looking back on our last year, we wish to thank our many partners who made last year's Centennial such a success. Our Centennial sponsors, local communities, business leaders and a multitude of volunteers made our celebration possible. Thank you to our many friends and partners who provided time, talent and funding for the many special events celebrating our first 100 years.

Charles V. Lundy
Superintendent

Hiking at Crater Lake

by Dana Ostfeld, Park Ranger

NEED SOME INSIDER TIPS ON WHAT hiking trails are best suited for your interests? Here is a breakdown for you:

Great Views – For great views of Crater Lake in its entirety, Mt. Scott offers one of the best. Garfield Peak and Watchman Peak also provide spectacular views of the lake from above. However, if you want a more up-close encounter with Crater Lake, only one trail brings you down to the water: the Cleetwood Trail.

Families – For those traveling with children, or for people who prefer a short, flat hike, try Castle Crest Wildflower Garden or Godfrey Glen. Although these loop hikes do not have views of the lake, they are nonetheless safe and enjoyable, exploring peaceful old growth forests and wildflower-filled meadows. For a short trail with a great view of the lake, try Sun Notch.

Wildflowers – Keep in mind that often our flowers won't bloom until July or August! At peak season, however, some

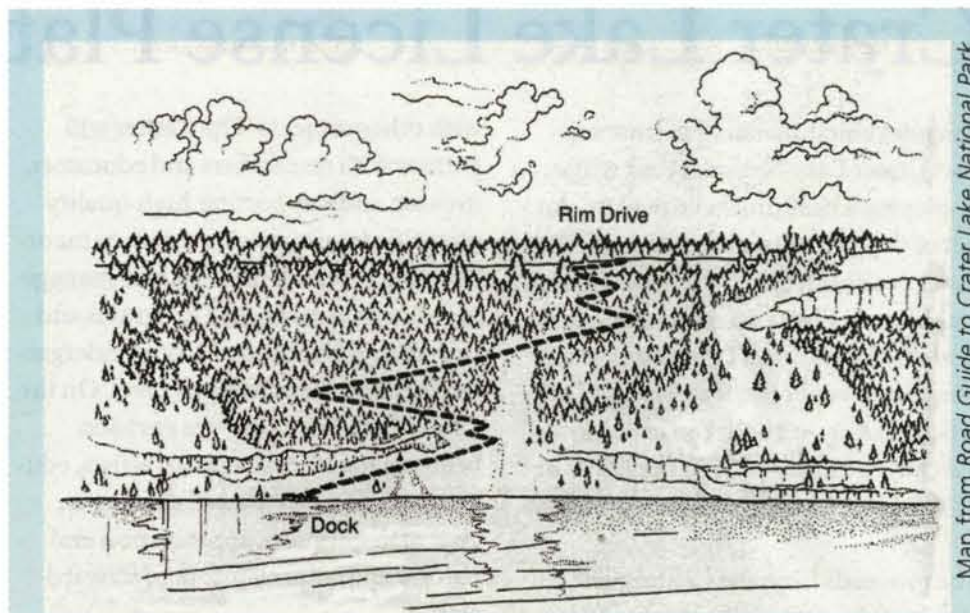
of the best places to enjoy brilliant colors are at Castle Crest Wildflower Garden, Annie Springs, and Garfield Peak.

Wildlife – Although Crater Lake is home to a large number of wild animals, they are difficult to spot during the day, especially on the desert-like caldera rim. Union Peak and Crater Peak are some of your best options for spotting large animals such as deer and elk. Annie Creek is also a good choice, where animals may be seen taking a refreshing drink from the creek.

Solitude – Solitude can be hard to come by on the more popular trails in the park, but can easily be obtained off of the caldera rim. Some great places to enjoy the park's beauty without human presence include Union Peak and Crater Peak. The Boundary Springs Trail—which takes hikers to the headwaters of the Rogue River—is also infrequently visited.



Pets are not allowed on park trails.



Map from Road Guide to Crater Lake National Park

Hiking to Cleetwood Cove

The Cleetwood Cove Trail, located on the north side of Crater Lake, is the **only** safe and legal access to the shore of Crater Lake. It is one mile (1.6 km) in length, one-way, and drops 700 feet (210 meters) as you descend from the East Rim Drive trailhead to the lakeshore. On your return trip, this is comparable to climbing 65 flights of stairs! The Cleetwood Cove hiking trail is recommended only for those in good physical condition and should not be

attempted by visitors with heart, breathing, or walking problems. It is not accessible for visitors with mobility impairments. Hikers should wear closed-toe shoes and bring plenty of water, sunscreen, and mosquito repellent. Toilets are available at both the trailhead and the boat dock area.

Due to the park's heavy snow conditions, the trail typically does not open until sometime in June, and closes in early October.

Crater Lake Hiking Guide

Destination/Trail Name	Distance	Difficulty	Trail Highlights
Sun Notch Viewpoint	0.5 mile (0.8 km) round-trip	Short stroll Allow 30 minutes	Overlook of Crater Lake and Phantom Ship
Castle Crest Wildflower Garden	0.5 mile (0.8 km) loop trail	Short stroll Allow 30 minutes	Beautiful brook; display of wildflowers in July or August
Godfrey Glen	1 mile (1.6 km) loop trail	Gentle level hike Allow 45 minutes	Overlook of Annie Creek Canyon; old growth forest
Discovery Point	1.3 miles (2.1 km) one way	Moderate ups and downs Allow 1 hour	Views of the lake between Rim Village and Discovery Point
Watchman Peak	1.4 miles (2.3 km) round-trip	Moderate climb, 500 feet (150 m) elevation gain. Allow 1 hour	Historic fire tower; panoramic overlook of Wizard Island
Annie Creek Canyon	1.7 mile (2.7 km) loop trail	Moderate climb out of canyon Allow 1½ hours	Deep stream-cut canyon; wildflowers and wildlife
Cleetwood Cove	2.2 miles (3.5 km) round-trip	Strenuous climb; 700 feet (215 m) elevation gain. Allow 2 hours	Guided boat tours; fishing. See details in article above
Garfield Peak	3.4 miles (5.5 km) round-trip	Strenuous; 1,000 feet (300 m) elevation gain. Allow 2 to 3 hours	Panoramic views; overlook of Phantom Ship
Mt. Scott	5 miles (8 km) round-trip	Strenuous; 1,500 feet (460 m) elevation gain. Allow 3 hours	Highest peak in the park; outstanding views; historic fire tower
Crater Peak	6.4 miles (10.8 km) round-trip	Moderate climb; 615 feet (190 m) elevation gain. Allow 3 1/2 hours	Forest, panoramic views (but no view of the lake), wildlife

Exploring the Backcountry

Opportunities for wilderness camping are abundant at Crater Lake National Park. All overnight campers must obtain a free backcountry permit, available from a ranger at any information desk during regular hours of operation. The ranger on duty will inform you of the current weather forecast, parking information, and any special conditions you may need to know about.

Please observe the following regulations in the backcountry:

- ❑ Groups are limited to 8 people.
- ❑ Open fires are allowed only if "dead and down" wood is used. Wood may be collected below an elevation of 6,800 feet. If possible, use an existing fire ring.
- ❑ Pack stock is permitted only in certain parts of the backcountry. Ask at an information desk for details.
- ❑ Pack out all garbage and leave a clean camp.
- ❑ Pets, firearms, bicycles, and motorized vehicles are not permitted in the backcountry.
- ❑ Camping and open fires are prohibited within a mile of any paved road; within 200 feet of any water source, trail, or other camping party, except when using a designated campsite; between the Rim Drive and Crater Lake; on Wizard Island, Mt. Scott, or Garfield Peak; or in the vicinity of Sphagnum Bog.



NPS Photo

Practicing a "Leave No Trace" Ethic

by Mary King, Backcountry Ranger

CRATER LAKE NATIONAL PARK IS A special place worthy of protection. With so little federal land protected as wilderness, we must do everything we can to ensure there will be something left for future generations. To help us maintain the natural ecosystems of this magnificent wilderness, please follow the "Leave No Trace" (LNT) guidelines listed below. By living these principles you will help us maintain Crater Lake for others to enjoy.

1) **Plan Ahead and Prepare:** Know the area and what to expect. Careless hikers not prepared for the conditions may damage sections of the park. Learn the special regulations designed to protect Crater Lake's backcountry. Select appropriate equipment. For example, waterproof boots and gaiters will help

keep you on the trail when it is muddy. Repackage food to eliminate litter. Prepare for extreme weather and other hazards. The park requires all backcountry overnight users to travel in small groups to minimize impact.

2) **Camp and Travel on Durable Surfaces:** Durable surfaces include established trails and campsites. Camp at least 200 feet from streams. Avoid camping in sensitive areas such as meadows and near the rim. Concentrate use on existing trails and campsites. Stay on the trail and do not shortcut. Walk single file in the middle of the trail, even when it is wet or muddy. Remember: good campsites are found, not made.

3) **Dispose of Waste Properly:** Dispose of human waste responsibly and pack out toilet paper. Dig a 6-8

inch deep hole and bury your human waste where others won't find it! Minimize food scraps in wastewater. Avoid contaminating water sources when washing by being at least 200 feet from water sources. If you pack in full food containers, you should pack them out empty. Do not leave trash in fire rings. People mistakenly believe aluminum and tin will melt. Pack out all trash including metal cans. Inspect your campsite for litter or spilled foods.

4) **Leave What You Find:** Minimize site alterations. Avoid damaging live plants. Be careful not to introduce non-native species. Leave natural and cultural artifacts for future generations to enjoy. Do not build structures or furniture or dig trenches.

5) **Minimize Campfire Impact:** Decide whether you should even have a fire. Instead use a camp stove and candle for cooking and light. If you decide to have a fire, be aware of regulations and weather conditions. Use small sections of dead wood and burn them completely. Collect only dead and down wood below the 6800' elevation. In high use areas, use existing fire rings. For remote areas, learn to use appropriate LNT fire techniques. Make sure fires are out cold and remove non-designated fire rings to minimize your impact.

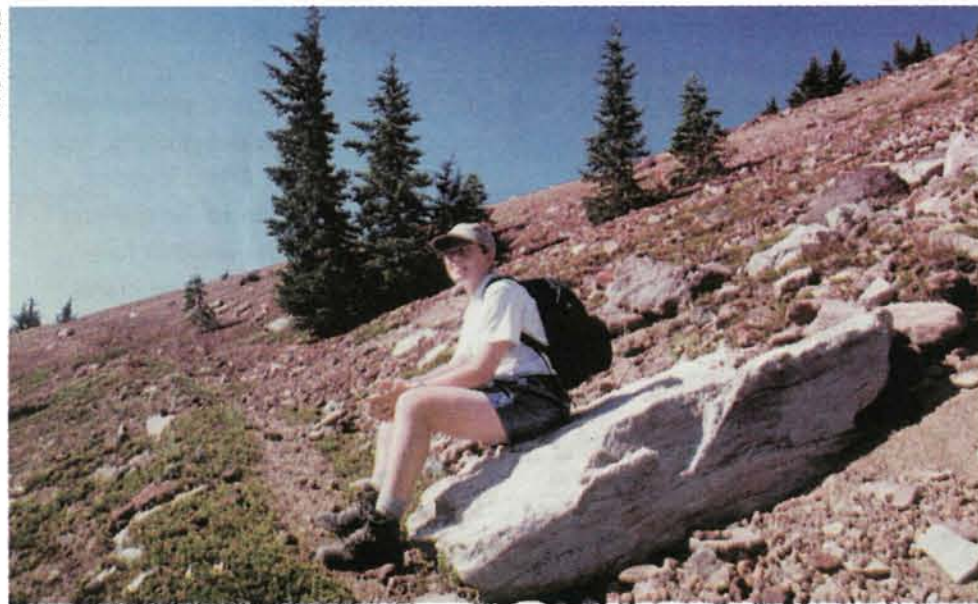


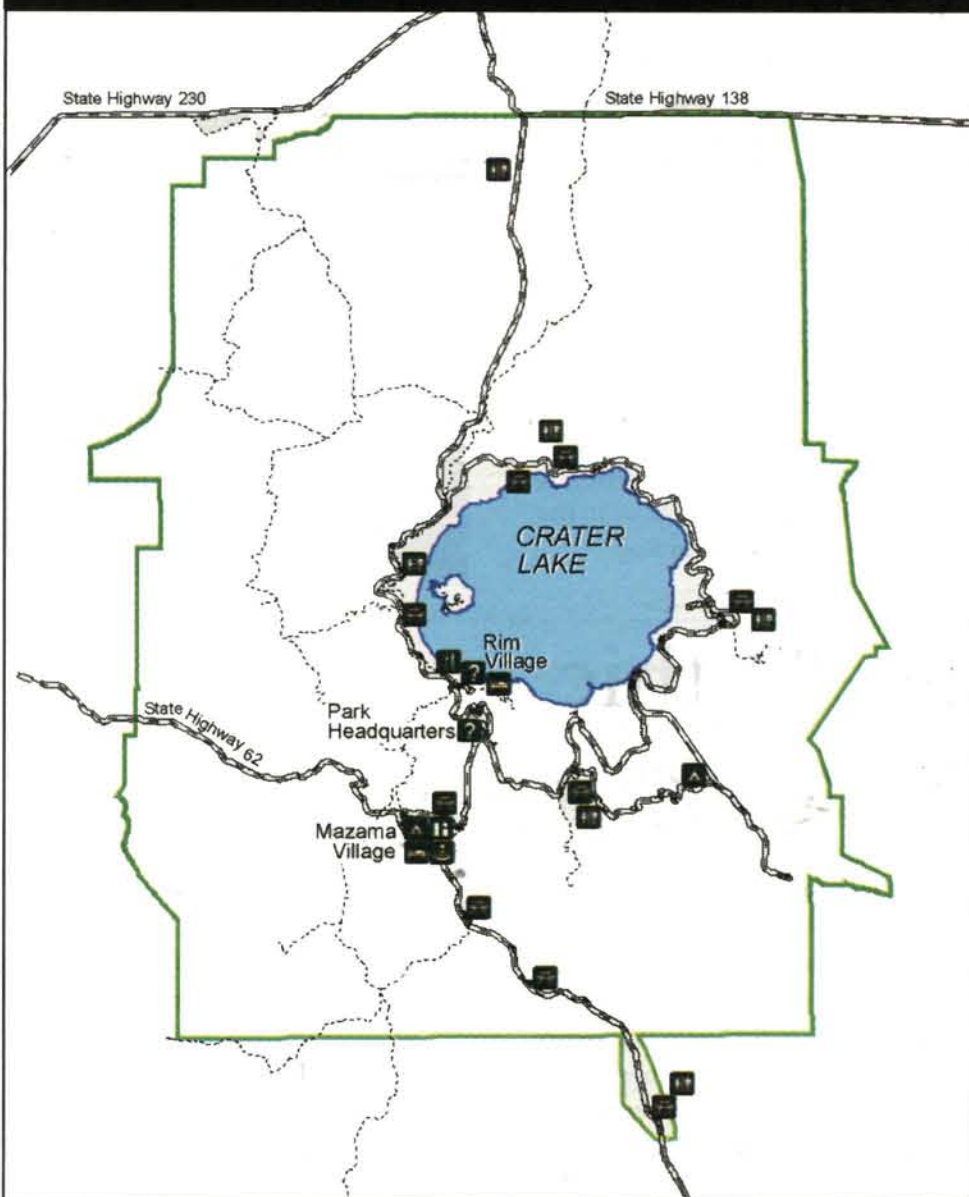
6) **Respect Wildlife:** Enjoy wildlife at a distance. Do not feed, harass, approach or follow any wildlife. Be aware of the special considerations for bear country. Hang food 15 feet off the ground and keep a clean camp to avoid attracting bears. Exposing animals to human food damages their health, alters natural behaviors, and makes them more vulnerable to predators. Do NOT bring pets into the backcountry. Dogs especially harass wildlife. All wildlife at Crater Lake is protected.

7) **Respect Other Visitors:** Use discretion in camp location. Reduce your impact on other visitors by being out of sight and sound of park trails when camping. Reduce noise and overly bright colored clothing. Make your campsite look like nobody has ever been there. Step to the down hill side of the trail when encountering pack stock. Avoid loud voices and noises.

For further information on "Leave No Trace," ask to watch the LNT video at the Steel Information Center; call the LNT information line at 1-800-332-4100; visit www.LNT.org; or contact a Backcountry Ranger at Crater Lake National Park, 541-594-3054.

NPS Photo





Mount Scott provides energetic hikers with a spectacular view of Crater Lake.

USE CAUTION Please be cautious near the rim of the caldera. The Cleetwood Cove Trail is the only safe and legal access to the lake. Climbing inside the caldera is strictly prohibited.



NEAR THE EDGE
FOOTING CAN BE DANGEROUS

Planning Your Visit

EMERGENCIES

Dial 911 to report medical, police, or fire emergencies, 24 hours a day. First aid is available at either park visitor center and at the ranger station at Park Headquarters.

GETTING TO THE PARK

During the summer, Crater Lake National Park may be entered either from the north via Highway 138 or from the south via Highway 62. Spring and Fall travelers should note that during an average snowfall year, the north entrance to the park opens for the season in mid-June and closes in October when the winter snowfall begins.

ENTRANCE FEES

The entrance fee for Crater Lake National Park is \$10 per family car. The rate is higher for commercial vehicles. A National Park Pass costs \$50.

THE RIM DRIVE

The 33-mile (53-km) Rim Drive circles Crater Lake inside the park. More than 30 overlooks are located along this scenic two-lane road. Allow two hours to travel completely around the lake. A seven-mile (11-km) spur road departs from the Rim Drive on the east side of the lake, and provides access to the Pinnacles Overlook, Lost Creek Campground, and Grayback Drive. While enjoying the spectacular views found along Rim Drive, watch out for deer and other wildlife crossing the road, and be aware that icy road conditions may be present at any time of the year. Obey the posted speed limits at all times.

VISITOR CENTERS

There are two visitor centers at Crater Lake National Park. Both are fully accessible and staffed by park rangers

Exploring Safely

To preserve park resources and protect yourself, please observe the following regulations and safety reminders:

- Hiking or climbing inside the caldera is very dangerous and is strictly prohibited. The Cleetwood Cove Trail is the only safe and legal access to the lake's shore. See page 4 for more information about this trail.
- Pets are prohibited in the backcountry and on all trails. Pets on a leash or otherwise physically restrained are permitted within 50 feet of roads and established parking areas, campgrounds, and picnic areas.
- Feeding wild animals, including birds, is prohibited. Feeding animals is dangerous for you, bad for them, and harmful for the ecosystem.
- Shortcutting on trails is prohibited to protect vegetation and other visitors and to prevent erosion.

- Smoking is prohibited on all trails.
- Observe posted speed limits along park roads, and watch for wildlife, visitors, and bicyclists.
- Bicycles are not allowed on park trails. Bicycling is permitted on paved roads and on the Grayback Drive. Wear a helmet at all times.
- Free backcountry permits are required for spending a night in the backcountry. Permits are available at park visitor centers and ranger stations.
- Be prepared! Equip yourself with water, food, warm clothing, rain gear, sunscreen, and anything else appropriate to the trail you take. Know the weather forecast, and avoid exposed places during thunderstorms.
- All park resources, including rocks, plants, animals, and artifacts, should be left undisturbed for others to enjoy.

Planning Your Visit

who can assist you with park information, trip planning, weather forecasts, and backcountry permits. Books, maps, posters, and other educational materials are sold at both locations.

The Steel Information Center, located at Park Headquarters, is open 9:00am - 5:00pm daily. An 18-minute film, *The Crater Lake Story*, is shown twice hourly.

The Rim Visitor Center, located between the cafeteria and the lodge in Rim Village, is open June through September from 9:30am to 5:00pm.

The Sinnott Memorial Overlook and Museum, located at the bottom of a steep set of stairs below the Rim Visitor Center, is open during the same hours as the Rim Visitor Center. It contains exhibits about Crater Lake and a panoramic view.

RANGER-LED ACTIVITIES

Talks, hikes, campfire programs, and Junior Ranger programs are available throughout the summer. For a complete schedule of activities, see page 12.

BOAT TOURS

Xanterra Parks and Resorts and the National Park Service offer 1 hour 45 minute interpretive boat tours from mid-July through mid-September. During peak season, 7 tours per day are offered, with the first tour leaving at 10:00am and the last tour departing at 4:00pm. Tickets, sold at the parking lot above the Cleetwood Cove trailhead, are \$19.25 for adults and \$11.50 for children age 3-11 (Rates subject to change). See page 4 for information about hiking the Cleetwood Cove Trail.

PICNICKING

Picnic areas may be found at locations throughout the park. See the map on the opposite page.

LODGING

There are two facilities for overnight lodging inside the park:

Crater Lake Lodge (71 rooms) is located at Rim Village, overlooking the lake. It will be open for the summer season from May 20 to October 20, 2003. Reservations are highly recommended well in advance.

Mazama Village Motor Inn (40 units) is located seven miles south of the lake in Mazama Village. It will be open from June 6 to October 6, 2003.

To make reservations for either of these accommodations, call (541) 830-8700.

CAMPING

There are two campgrounds inside Crater Lake National Park:

Mazama Campground contains 213 sites and will be operated by the park's concessioner from June 13 to October 6, 2003, weather permitting. Reservations are not taken, but generally there are plenty of sites available. The campground offers running water, fire rings, picnic tables, and flush toilets. Wheelchair-accessible sites are available. Evening campfire programs are offered nightly from June 29 through September 1. Fee: \$16.00 tent site; \$18.00 RV/trailer site (no hookups).

Lost Creek Campground is operated by the National Park Service from July through mid-September. It contains 16 sites for tent camping only, and is located in the southeast corner of the park on the spur road to the Pinnacles Overlook. Fee: \$10/site.

GASOLINE AND SUPPLIES

A camper services store, laundry, showers, and gasoline are all available at Mazama Village. During peak season, the camp store is open from 7:00am to 10:00pm.

DINING

The Llao Rock Cafe, the Watchman Restaurant, and a gift store are all located at Rim Village on the south rim of Crater Lake. During peak season (June 28 - September 2, 2003), their hours are:

Cafe	8:00am - 5:00pm
Restaurant	5:00pm - 10:00pm

A formal dining room is located inside the Crater Lake Lodge. Its hours of service are:

Breakfast	7:00am - 10:30am
Lunch	11:30am - 2:00pm
Dinner	5:00pm - 10:00pm



GIFTS

A Gift store is also located at Rim Village. During peak season, its hours are 8:00am to 8:00pm.

PETS

Pets are prohibited in the backcountry and on all trails. Pets on a leash or otherwise physically restrained are permitted within 50 feet of roads and established parking areas, campgrounds, and picnic areas.

BICYCLING

Bicycles are not permitted on park trails, but are permitted on all roads. Park roads are narrow with limited sight distance. Cyclists should wear helmets and bright clothing. For more information, pick up a bicycling brochure at either park visitor center.

FISHING

Fishing is permitted in Crater Lake with artificial lures. Fishing in park streams is limited. For details, pick up a brochure at either visitor center.

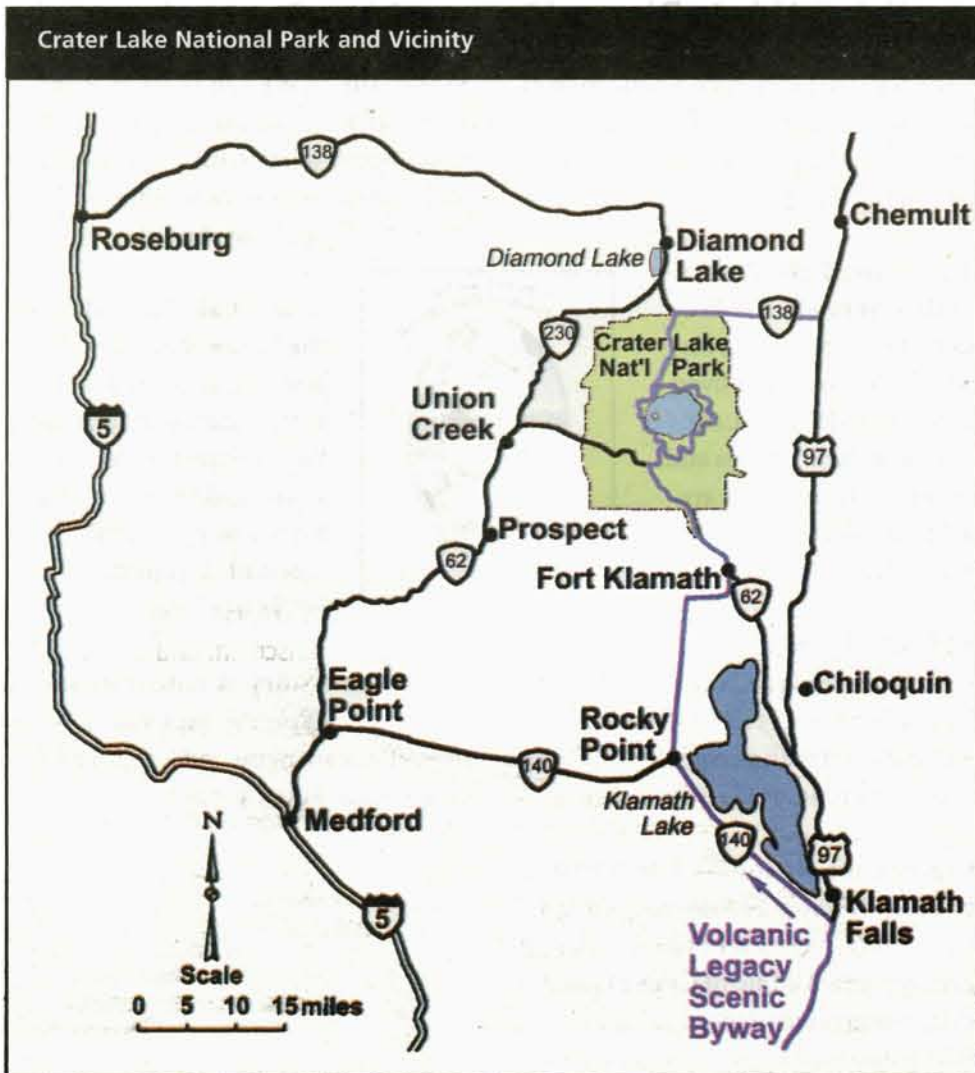
LOST AND FOUND

If you lose an item while visiting the park, contact a park ranger at either visitor center or call the park dispatch office, 541 594-3060, to report your loss. Found items may be turned in to any park visitor center.

POSTAL SERVICES

A U.S. Post Office is located in the foyer of the Steel Information Center. During the summer, it is open Monday through Saturday from 9:00am to 12:00pm and from 1:00pm to 3:00pm.

All rates and times are subject to change without notice.



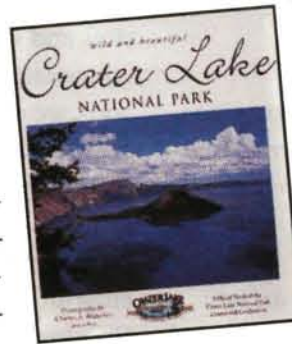
The Crater Lake Natural History Association

Established in 1942, the Crater Lake Natural History Association (NHA) is a non-profit organization dedicated to advancing educational and scientific activities within Crater Lake National Park. The NHA invests funds generated from sales of items purchased at our visitor centers back into the park, providing services such as publishing park-related books and maps, printing this newspaper, and purchasing equipment and materials for educational and scientific research programs. The NHA also supports Oregon Caves National Monument in Cave Junction, Oregon.

Become a member of the Crater Lake Natural History Association and learn more about the park's natural and cultural resources. Yearly memberships can

be purchased at park visitor centers or by mailing in the form below. Members receive benefits including:

- A 15% discount on books, videos, maps, and other sales items.
- Discounts from most park associations including those at Grand Canyon, Yellowstone, Yosemite, and Mount Rainier.
- A subscription to our park's semi-annual newspaper.
- The satisfaction of assisting the important educational and scientific programs of Crater Lake National Park.



For Sale from the NHA

(Italics denote NHA member price)

tional Park. 280 pp. \$19.95 (\$16.92)

Three-View Crater Lake Poster. Portrays 3 different images of Crater Lake National Park; Wizard Island, Phantom Ship, and the Rim of Crater Lake. 24"x36". \$14.95 (\$12.71)



Wild and Beautiful Crater Lake by Charles A. Blakeslee and others. The official book of Crater Lake's Centennial. Four photographers share the hidden corners of this magnificent national park. 115 full color photographs. 140 pp. \$24.95 (\$19.96)

Crater Lake Screen Saver. Has over 85 colorful images of Crater Lake National Park. Along with the images there's music and sounds. Windows 95 and newer. Macintosh compatible. \$14.95 (\$12.71)

The Mountain with a Hole in the Top: Reflections on Crater Lake by the Shaw Historical Library. This special volume celebrates the history of Crater Lake National Park with a collection of memoirs, interviews, fiction, original articles and historic photographs. 120 pp. \$15.00 (\$12.75)

The Crater Lake Centennial Cookbook. A collection of recipes from folks who have worked or lived in or around Crater Lake National Park. Photos and history of Crater Lake are also included. 160 pp. \$14.95 (\$12.71)



USGS Bathymetry Map. Full color map (35 1/2"x37") of Crater Lake's floor as revealed by sonar in 2000. Second sheet with perspective views and explanation. \$9.95 (\$8.46)

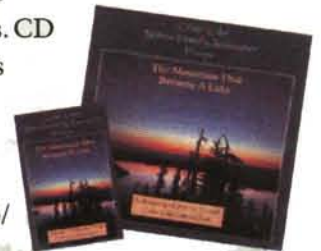
Crater Lake National Park: A History by Rick Harmon. Besides providing a fascinating overview of the geography, geology, and wildlife of Crater Lake, Harmon presents a thorough and thoughtful history of Crater Lake Na-

Crater Lake Topo Map by National Geographic. The best map of the park. 1:62,500 scale. Waterproof/Tearproof material. \$9.95 (\$8.46)

Crater Lake Trails by Connie Toops. Comprehensive guide for the hiker. Covers all of Crater Lake's trails. Includes elevation, estimated time required, length, etc. 46

pp. \$3.95 (\$3.36)

Audio Tour of Crater Lake by Travel Audio. Spoken information about the park. Native Americans, park rangers, and a narrator give voice to Crater Lake's natural and cultural resources. CD version has bonus photo views of Crater Lake with music. 60 min. \$16.95 (\$14.41) CD/CD-ROM (PC or MAC) or \$9.95 (\$8.46) Cassette.



A Guide to Crater Lake and the Mountain That Used to Be by Ron Warfield. Beautiful photos and excellent descriptions tell the story of Crater Lake and provide an overview of the park. 32 pp. \$5.95 (\$5.06)

Crater Lake Story Behind the Scenery by Warfield, Juillerat, and Smith. Filled with stunning photos, this book relates the story of Crater Lake's geology, cultural history, natural history and current status. 48 pp. \$8.95 (\$7.61)

Crater Lake Story. 18 min. video in PAL or VHS. Special emphasis on Native American myths and legends about Crater Lake. \$17.95 (\$15.26)

Crater Lake Natural History Association

P.O. Box 157
Crater Lake, OR 97604
541 594-3110 Phone
541 594-3010 FAX



Item	Qty.	Price	Total
Subtotal			
Shipping			
Membership (optional): \$10 individual, \$15 family			
Order total			

Mailing Rates

We use U.S. Mail
Up to \$20.00... \$5.00
\$20.01 - \$35.00... \$6.00
Over \$35.00... \$7.50

Address _____

City/State/Zip _____

Daytime Phone (____) _____

Visa/Master Card # _____ Exp. _____

Cardholder Signature _____

Fourth Annual Natural History Association Membership Drive

Our fourth annual membership drive will be held on Saturday, July 26th at the Steel Information Center and the Rim Visitor Center. Sign up as a member of the Crater Lake Natural History Association, and receive an autographed copy of *Lodge of the Imagination: The Crater Lake Lodge Story*, written by Lee Juillerat!



Membership funds will be used to assist Crater Lake's interpretive and resource management programs.

NPS Photos by Cheri Killam-Bomhard



Youth crews on the Pacific Crest Trail and at the Watchman Lookout, Summer 2002.

Youth Programs Return to Crater Lake

by Cheri Killam-Bomhard, Trails Supervisor

YOUTH WORKERS PLAY AN important role in the work force at Crater Lake National Park. Each summer, youth groups can be seen accomplishing tasks around the Park. These groups include the Youth Conservation Corp, the Northwest Youth Corp, and other volunteer groups.

The Youth Conservation Corps is a summer employment program administered by Crater Lake National Park. This job opportunity provides a crew of young males and females a chance to learn and earn while working at a variety of tasks around the Park. Through their experience, the youth develop an appreciation of Crater Lake National Park and job skills for the future.

The Northwest Youth Corps (NYC) is a nonprofit job training and youth development agency. The NYC operates four different kinds of programs: Youth Works, Outdoor School, six different Youth Corps programs, and an AmeriCorps program. These programs promote conservation stewardship while helping Northwest youths to develop the skills and confidence they need to face life's challenges.

With the assistance of these groups, Crater Lake National Park was able to accomplish many different tasks in past years and will accomplish many more this summer. Visitors may see the youth crews working on trails throughout the Park as well as around the buildings and along roadsides. We encourage everyone to talk with them and thank them for all their excellent work.

The Friends of Crater Lake National Park

The Friends of Crater Lake, a non-profit organization, is a significant force in the preservation and stewardship of the natural and cultural resources of Crater Lake National Park. Members build and maintain trails, maintain park boundary signs, staff information desks, assist with community events, and much more.

The Friends made significant contributions to the 2002 Centennial Year Celebration. They funded a history book authored by Rick Harmon and commissioned a drama about William Gladstone Steel. They also assisted with the Artists in Residence program. This year will be no exception to their ongoing contributions to Crater Lake National Park.

They need your support! Please consider joining the Friends of Crater Lake National Park. For further information, write to the address listed below.

Program activities for 2003 include:

Adopt-a-Highway Cleanup, July 12 and September 13, 2003 - The Friends have adopted a stretch of Highway 62 south of the park to help keep the roads to Crater Lake litter-free.

Volunteer Refresher for Adopt-a-

Trail/Boundary Training, June 28, 2003 - A great opportunity to get out and enjoy Crater Lake's backcountry by participating in this one day training session that prepares volunteers for trail and boundary patrol as well as light trail work.

Project Weekend, August 22-24, 2003 - The Friends will camp together as well as work on a specific project within the park. Past projects have included the Crater Peak Trail reroute.

Annual Meeting, October 4, 2003 - The autumn season will be the setting when the Friends hold their annual meeting at Crater Lake National Park. Don't miss this great opportunity to enjoy the park and play a role in helping the Friends plan for the future.

Winter Rim Information Desk - Many Friends have enjoyed helping visitors at the information desks during winter weekends. After a training session in late Autumn, the Friends will assist at the information centers throughout the following winter.



Photo by Greg Reddell



Friends of Crater Lake National Park
 (George Buckingham, President)
 P.O. Box 88
 Crater Lake, OR 97604
 greddell@cvc.net
www.drizzle.com/~rdpayne/foclnp.html

Junior Rangers Make a Difference!



Park Rangers have a very interesting and exciting job. They study and protect the water, plants, and animals at Crater Lake National Park. They also provide information and services to many visitors.

Unfortunately, we don't have enough park rangers to talk to each visitor, or to make sure that the park stays clean and the animals stay safe. We need your help!

These activities will help you learn more about Crater Lake. You'll still need to complete a Jr. Ranger booklet (available at park visitor centers) to become an official Jr. Ranger and receive a badge, but these activities will help you learn more about this exciting place. Once you know more about the park you can help us protect it. Good luck. We're counting on you!

A Crater Lake Snapshot
Draw a picture to help you remember your visit to Crater Lake National Park!

My favorite place in Crater Lake National Park ↗

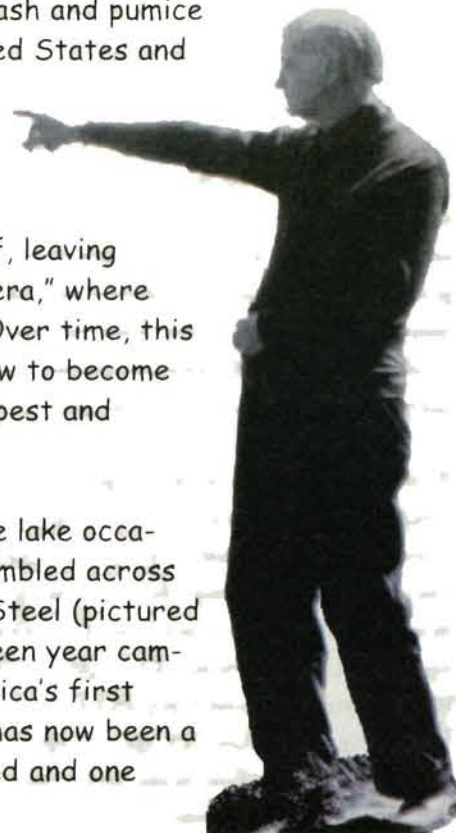
What happened here, anyway?

If you had visited Crater Lake 8,000 years ago, you would have seen a great mountain where the lake is today. "Mount Mazama" once stood 12,000 feet high, dominating the skyline of southern Oregon. Several American Indian tribes lived in the valleys below it.

Suddenly, about 7,700 years ago, the volcano erupted with tremendous fury, spreading volcanic ash and pumice across what is now the western United States and Canada. So much material came out of the volcano, in fact, that a huge space was left empty beneath it.

Without anything to support it, the mountain collapsed into itself, leaving behind a vast basin, or "caldera," where there once was a mountain! Over time, this basin filled with rain and snow to become Crater Lake—one of the deepest and purest lakes in the world!

Indians continued to visit the lake occasionally, and prospectors stumbled across it in 1853. In 1885, William Steel (pictured to the right) began a seventeen year campaign to make it one of America's first national parks. Crater Lake has now been a national park for one hundred and one years!



One of the devices scientists use to measure the clarity of Crater Lake's water is a "Secchi disk," an eight-inch metal disk painted black and white for better visibility. The disk is lowered over the side of a boat on a cable until it can no longer be seen; then the cable is measured. Scientists commonly see the disk more than 100 feet beneath the surface of Crater Lake, and in 1997, set a world record with a reading of 142 feet!

How far is 142 feet? Use the ruler on the next page to measure the length of your stride. Then figure out how many steps you'd have to take to go 142 feet. Pace off the distance and you'll see how clear the water in Crater Lake is!

Painting by Paul C. Rockwood

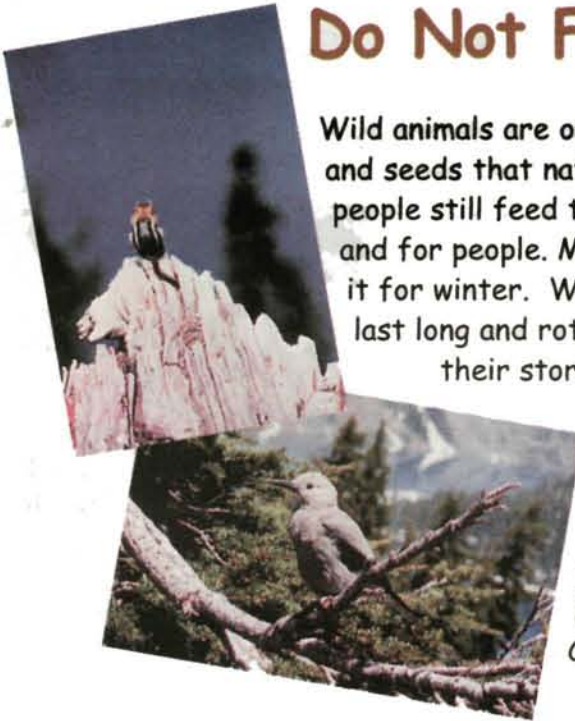


When Mount Mazama erupted 7,700 years ago, it ejected more than 150 times as much volcanic rock as Mount St. Helens did on May 18, 1980!

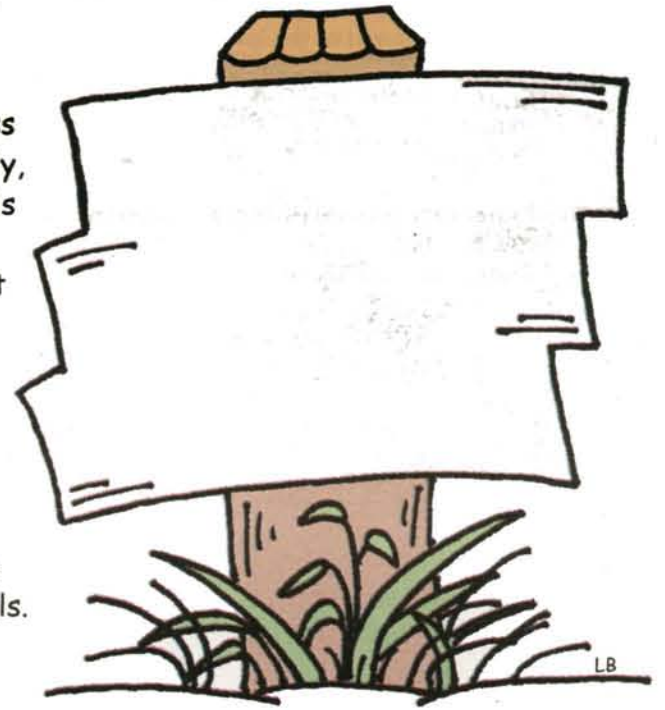
Contributors: Kevin Bacher, Lihann Jones, and Dana Ostfeld (text); Lauren Becker and John Thornburg (art).

INCHES
12
11
10
9
8
7
6
5
4
3
2
1

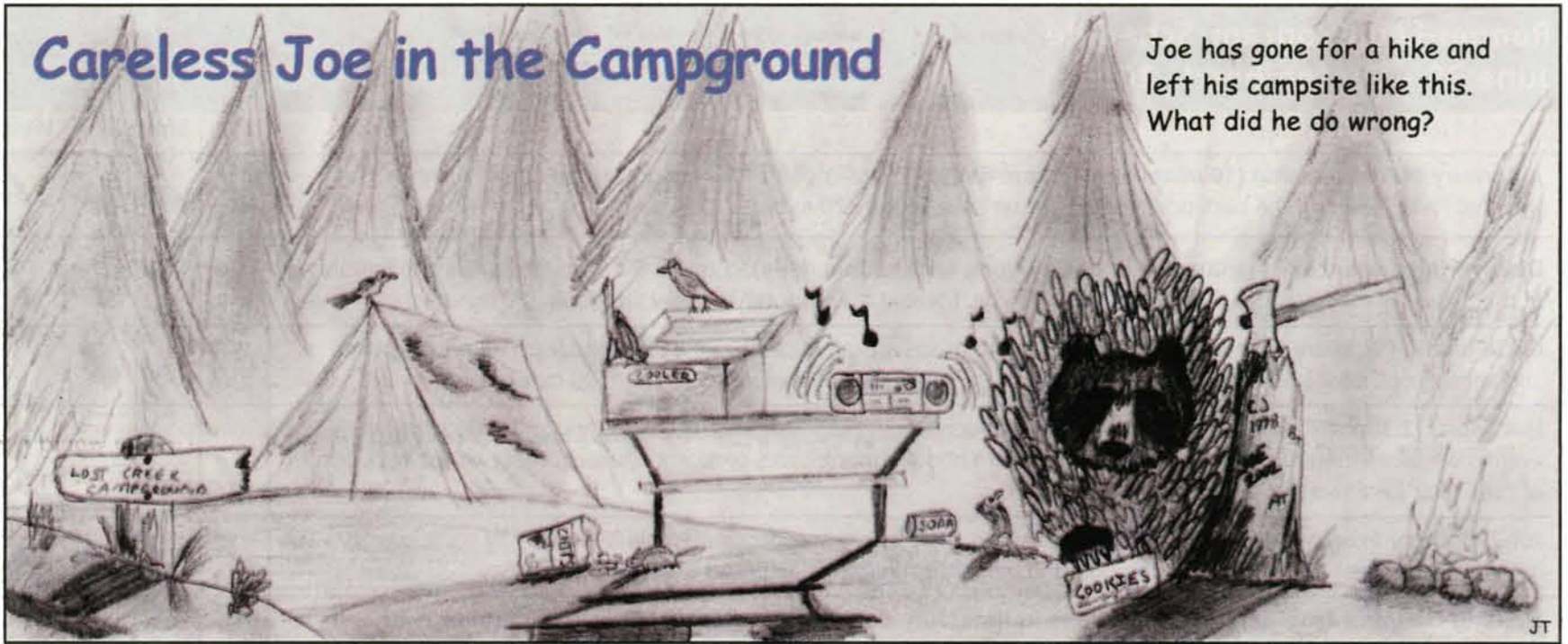
Do Not Feed the Animals!



Wild animals are only supposed to eat wild food (like grass and seeds that naturally grow in the park). Unfortunately, people still feed them. Feeding animals is bad for animals and for people. Many animals store their food and save it for winter. When they store "people food" it doesn't last long and rots before the animals can eat it. With their stored food gone, they starve during winter. Also, animals do bite the hands that feed them. In order to protect people and animals we try to stop people from feeding them. We need to make a sign that lets everyone know it is dangerous to feed wild animals. Can you draw a sign that will help us?



Careless Joe in the Campground



Joe has gone for a hike and left his campsite like this. What did he do wrong?

What is a "National Park?"

The National Park Service Organic Act of 1916 states that the purpose of our National Parks is "...to conserve the scenery and the natural and historic objects and the wildlife therein and to provide for the enjoyment of the same in such manner and by such means as will leave them unimpaired for the enjoyment of future generations."

National Parks protect places set aside for *preservation*. Hunting, mining, and consumptive activities like cutting timber or collecting wildflowers are not permitted. The National Park Service also manages monuments, battlefields,

historical parks, lakeshores, seashores, recreation areas, scenic rivers and trails, and the White House. Many areas are preserved for their historic or scientific interest.



You can help!

There are many things you can do to help protect Crater Lake National Park! As you hike the trails or walk through the parking lots, take a moment to pick up trash that others have left behind. Be careful about using too much water or electricity, and encourage your parents to conserve, too. Remind other visitors that feeding animals is bad for them. Most important of all, learn everything you can, and pass on what you've learned to your family and friends! Crater Lake is one of the world's most magnificent places. With your help, it can stay that way!





National Park Service
U.S. Department of the Interior

Crater Lake National Park
P.O. Box 7
Crater Lake, OR 97604



Crater Lake Natural History Association
P.O. Box 157
Crater Lake, OR 97604

National Parks Pass...Good at All National Parks

The National Parks Pass admits the pass holder and any accompanying passengers in a private, non-commercial vehicle to all National Parks for one year. The cost of the pass is \$50 and can be purchased at any Crater Lake National Park entrance station. For persons who visit several National Park areas within 12 months the pass is a good bargain. If you have already purchased a \$10, 7-Day Pass to Crater Lake National Park and are interested in buying a National Parks Pass, just turn in the receipt at any park entrance station and receive an "Upgrade" credit towards a National Parks Pass within 2 weeks of the date of purchase.



EXPERIENCE YOUR AMERICA™

Ranger-Led Program Schedule June 28 - September 1, 2003

	Sun	Mon	Tue	Wed	Thu	Fri	Sat
A Century of Stewardship (10:00am and 4:00pm daily) - Discover part of the history behind one of America's first National Parks. Meet on the back porch of the Crater Lake Lodge. (20 minutes)	✓	✓	✓	✓	✓	✓	✓
Discovering Crater Lake (11:00am, 1:00pm, 2:00pm, and 3:00pm daily) - Explore the special qualities and features of the "Jewel of the Cascades," and how it came to be. Meet at the Sinnott Memorial Overlook. (20 minutes)	✓	✓	✓	✓	✓	✓	✓
Circle of Life (11:30am Tuesday and Saturday) - All things are connected! Join a ranger to learn about the plants and animals of Crater Lake. The species featured will vary. Meet at the Rim Visitor Center. (30 minutes)			✓				✓
Hot Topics (2:30pm Sunday and Thursday) - Our understanding of Crater Lake National Park continues to grow, even as we face increasingly complex challenges. Learn about current issues or recent research. Meet on the back porch of the Crater Lake Lodge. (30 minutes)	✓				✓		
Junior Ranger Program (5:00pm daily) - Visitors 6 to 12 years old may become "Junior Rangers" by participating in this activity! Meet at the Mazama Campground amphitheater (between D and E loops). (1 hour)	✓	✓	✓	✓	✓	✓	✓
Evening Campfire Program (Nightly, 9:00pm in June, July, 8:30pm in August, 8:00pm in September) - Relax under the stars and learn more about Crater Lake National Park during these slide presentations. Topics vary nightly. Programs are held at the Mazama Campground amphitheater (between D and E loops). (1 hour)	✓	✓	✓	✓	✓	✓	✓
Evening at the Rim (8:00pm Saturday and Sunday) - Crater Lake National Park is a fascinating place. Join a ranger in the historic Community House located across from the visitor center at Rim Village for a presentation. Topics vary. (1 hour)	✓						✓

Beyond the Pavement

Boat Tours (10:00am-4:00pm daily, weather permitting) - See Crater Lake up close with a ranger! For details, see "Boat Tours" on page 7, and "Hiking to Cleetwood Cove" on page 4. (2.2 miles, 3.5 km, 4 hours, fee charged)	✓	✓	✓	✓	✓	✓	✓
Garfield Peak Hike (10:00am Sunday and Thursday) - Enjoy spectacular views and wildflowers as you hike up this beautiful peak. Meet at the Rim Visitor Center. (3.4 miles, 5.5 km, 2 hours)	✓				✓		
Discovery Point Hike (2:00pm Tuesday and Saturday) - Hike along the Rim to the place where Crater Lake was "discovered" by prospectors in 1853. Meet at the Rim Visitor Center. (2 miles, 3.2 km, 2 hours)			✓				✓
Annie Creek Canyon Hike (2:30pm Monday, Wednesday, Friday) - Enjoy a cool mountain stream in a beautiful canyon. Meet at the Mazama Campground amphitheater (between D and E loops). (1.7 miles, 2.7 km, 1½ hours)		✓		✓		✓	
Watchman Peak Sunset Hike (Monday, Wednesday, Friday, 8:00pm June 30-July 18, 7:30pm July 19-August 13, 7:00pm August 14-September 1) - Take a twilight hike with a park ranger to this breathtaking viewpoint. Meet at the Watchman Trailhead parking area, and bring a flashlight. (1.4 miles, 2.3 km, 1½ hours)		✓		✓		✓	

All programs are subject to cancellation or substitution due to weather. Special programs may be offered. Check at a visitor center for information (see pages 6-7). Staff training in mid-July may affect program schedule during that time.