



Wilderness is Golden

BRYAN BELL, Wilderness Information Center Supervisor

Wilderness. This word holds many meanings to people. Some fear wilderness and the wild things found there. Others long for wilderness. They simply cannot spend enough time there. My experiences in these wild places have strengthened my mind and body. Some extremely challenging moments have humbled me, showing how frail life can be.

I love wilderness. It belongs to everyone, providing sanctuaries for wildlife, plants and people. Millions of people flock to wilderness for solitude, quiet, peace, wonder, beauty and much more.

Fifty years ago, the United States Congress acknowledged that development and mechanization were occupying the vast majority of a once wild frontier. They saw the benefit of not developing every acre of our nation. With overwhelming bipartisan support, Congress passed the Wilderness Act in 1964 establishing the National Wilderness Preservation System.

Please join us in celebrating the 50th anniversary of the Wilderness Act. Celebrate wilderness in your heart or out loud. Celebrate by sharing your love of wilderness with someone who has not yet experienced it. Celebrate by discovering what wilderness means to you.



Celebrate Wilderness!

Please join Olympic National Park for events observing the 50th anniversary of the Wilderness Act.

On September 5, 6 and 7 the park will offer a wilderness festival at Hurricane Ridge, a panel of wilderness experts, a film festival, and wilderness-themed hikes at many park locations. For more details please visit: www.nps.gov/olym/wilderness-50.htm

Protect Wilderness

To guide the preservation, management and use of Olympic's wilderness, the park is developing a Wilderness Stewardship Plan. The goal is to restore, protect and enhance the wilderness character of this spectacular park for all to enjoy.

Last spring, the National Park Service examined key topics with local communities, as well as federal, state and local agencies. For detailed information and the preliminary draft of alternatives visit www.parkplanning.nps.gov/olymwild.

There are no words that can tell of the hidden spirit of the wilderness.

-Theodore Roosevelt-

TRIP TIPS

for your Olympic Adventures

- 1** Stop by park visitor centers or ranger stations for information and park brochures.
- 2** Plan your travel using the park area descriptions below and the map and chart on page 3.
- 3** Check park program schedules on pages 4 and 5 for ranger-guided walks and talks.



MOUNTAINS

Hurricane Ridge (3) is the most easily accessed mountain area in the park. At 5,242 feet, it is located 17 miles up a gently winding road from Port Angeles. Hurricane Ridge Visitor Center offers information, exhibits, 20-minute film, snack bar and gift shop. Picnic areas provide a chance to relax amid the breathtaking scenery. Along the trails you can capture

views of glacier-clad mountains crowning miles of wilderness. Avalanche and glacier lilies, lupines, bistorts and tiger lilies dance beneath stunted subalpine fir trees. High-pitched whistles announce the Olympic marmot, found only on the Olympic Peninsula. Black-tailed deer feed in summer meadows and migrate downslope when cold recaptures the high country.



LAKES, LOWLAND FORESTS and RIVERS

Olympic National Park Visitor Center and Wilderness Information Center (1) provide information, exhibits, Discovery Room, park passes, bookshop and trails. Heart O' the Hills campground, five miles south, has sylvan beauty and access to a forest trail.

Elwha (2) has two campgrounds and many trails. Madison Falls, an accessible self-guiding trail, provides a refreshing interlude. Check for closures beyond Altair Campground due to the Elwha River Restoration project.

Lake Crescent (4) is a 624-foot deep shimmering jewel carved by a glacier thousands of years ago. Stroll along the shore or hike the Marymere Falls, Spruce Railroad or Moments in Time trails. Storm King Ranger Station has information, books and maps. Lake Crescent Lodge and Log Cabin Resort offer restaurants, boat rentals and overnight lodging. Visitors enjoy Fairholme Campground and a nearby convenience store with boat rentals.



Sol Duc (5) has a campground and self-guiding trails. Sol Duc Falls, a 1.6-mile round trip walk, starts at the end of the road. Sol Duc Hot Springs Resort offers warm and cool pools, food and overnight lodging.

Ozette (9) offers boating opportunities, a small campground on the lake and trails to the rocky beach.

Staircase (11) offers a campground, a self-guiding nature trail and a ranger station with exhibits.



COAST

The wilderness coast provides a dynamic scene. Lower tides expose sea anemones, sea urchins, sea stars and limpets strategically arranged on the rocks. It is important to leave tide pool animals in their homes, as moving just one animal can injure it and disrupt an entire community.

Kalaloch (7) is an expansive sandy beach. Kalaloch Ranger Station has information, exhibits and a bookshop. Visitors also enjoy campgrounds, Kalaloch Lodge, a restaurant and convenience store. For advance reservations at Kalaloch Campground during summer call (877) 444-6777 or visit www.recreation.gov. Beach 4 and Ruby Beach are popular sites for tide pool exploration.

Mora (8) offers a campground less than two miles from Rialto Beach. Along the beach, you can hike 1.5 miles north to Hole-in-the-Wall. Other hiking opportunities include Second and Third Beach trails near La Push.

Ozette (9) You can reach the beach on a 3.1-mile boardwalk trail to Cape Alava or a 2.8-mile boardwalk trail to Sand Point. A popular 9-mile loop combines these two trails with a 3.1-mile beach walk. Near the ranger station are exhibits and a small lakeside campground.



TEMPERATE RAIN FOREST

Drenched in over 12 feet of rain a year, west side valleys flourish with giant western hemlock, Douglas-fir and Sitka spruce trees. Moss-draped bigleaf maples create a magical scene that obliterates all sense of time. Roosevelt elk may linger along riverbanks at dawn and dusk.

Hoh Rain Forest (6) offers a visitor center, exhibits, bookshop, maps, self-guiding nature trails and a campground.

Quinault Rain Forest (10) is located on the Quinault North Shore Road. Quinault Rain Forest Ranger Station offers information, exhibits, bookshop and self-guiding trails. The USFS/NPS Ranger Station and additional trails are located on the south shore of Lake Quinault. Throughout the valley, visitors enjoy rain forest hikes, lake activities, several campgrounds, lodging and restaurants.

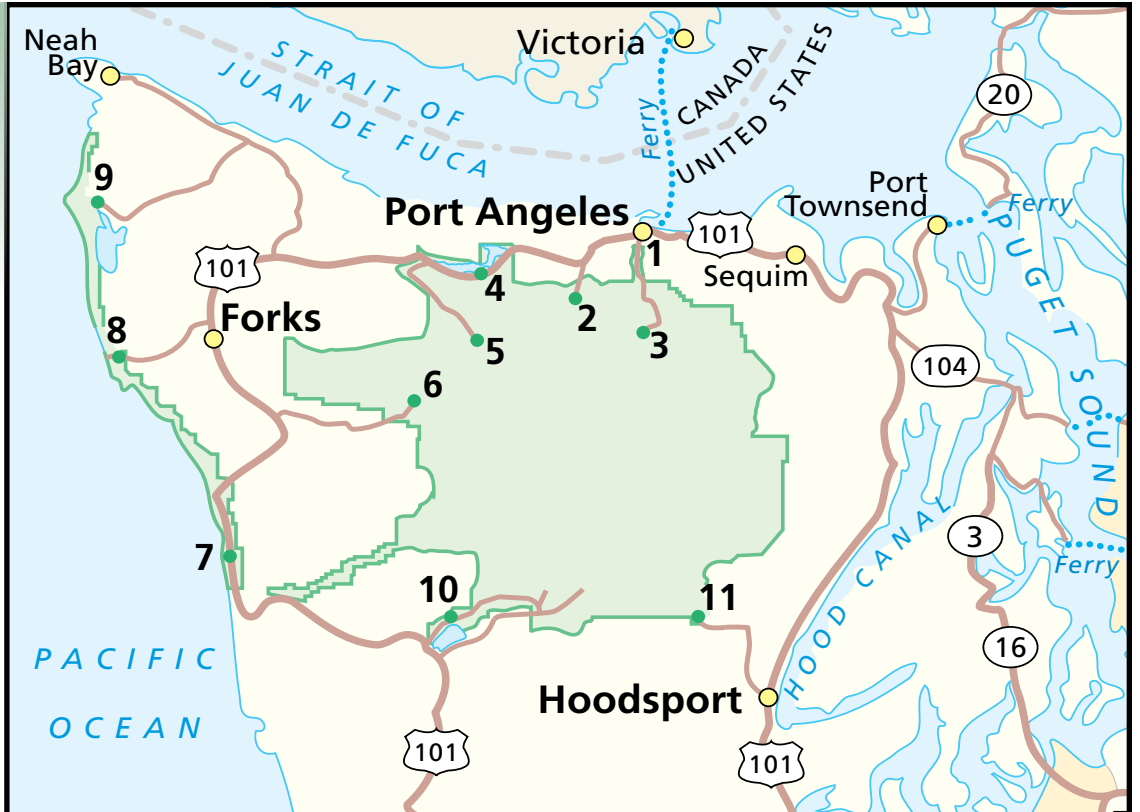
MILES & TIMES

Are we there yet?

Welcome to Olympic National Park! Whether you are here for a day, two days, a week or more, many spectacular sights await your discovery in this vast and diverse wilderness park.

Highway 101 encircles the park and several spur roads lead to mountains, forests and coast. The center of the park, untouched by roads, offers incredible wilderness adventures.

Look for interpretive exhibits along park roadways. Pick up a self-guiding trail brochure available for \$1.00 donation at various park trailheads. Use this chart and area map, along with the park brochure, to create countless trip combinations for a memorable vacation.



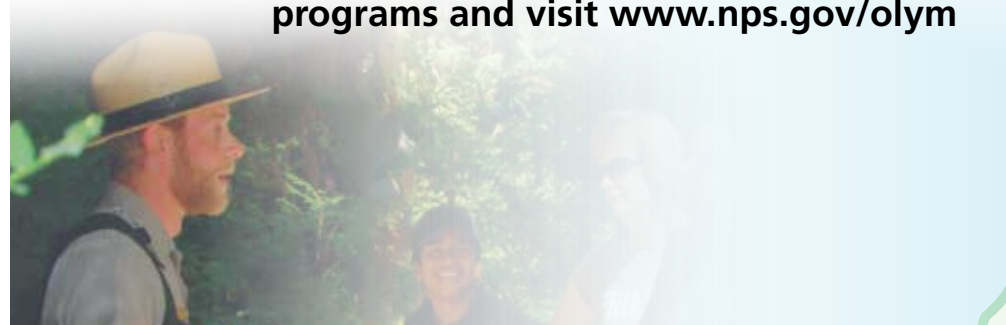
1	Olympic National Park Visitor Center and Wilderness Information Center Park information (360) 565-3130; Road and weather updates (360) 565-3131; Wilderness information (360) 565-3100									
2	Elwha Ranger Station (360) 452-9191									11mi 0:30
3	Hurricane Ridge Visitor Center									25mi 1:15 17mi 0:45
4	Lake Crescent, Storm King Ranger Station (360) 565-2955									39mi 1:00 16mi 0:30 21mi 0:30
5	Sol Duc, Eagle Ranger Station (360) 327-3534									16mi 1:00 59mi 2:00 39mi 1:30 40mi 1:30
6	Hoh Rain Forest Visitor Center (360) 374-6925									72mi 2:30 65mi 1:45 106mi 2:45 83mi 2:00 91mi 2:30
7	Kalaloch Ranger Station (360) 962-2283									40mi 1:00 72mi 2:00 67mi 1:45 109mi 2:30 86mi 2:00 95mi 2:15
8	Mora Ranger Station (360) 374-5460									48mi 1:15 47mi 1:30 50mi 1:30 44mi 1:00 85mi 2:15 62mi 1:30 70mi 1:30
9	Ozette Ranger Station (360) 963-2725									65mi 2:00 88mi 2:15 85mi 2:30 69mi 2:30 66mi 1:45 93mi 2:45 81mi 2:00 76mi 2:00
10	Quinalt Rain Forest Ranger Station (360) 288-2444									120mi 2:45 80mi 2:00 33mi 0:45 70mi 1:45 104mi 2:45 105mi 2:15 143mi 3:15 123mi 2:45 128mi 3:00
11	Staircase Ranger Station (360) 877-5569									126mi 2:45 124mi 2:45 170mi 3:45 149mi 3:00 191mi 4:15 140mi 3:30 120mi 2:45 120mi 2:45 111mi 2:45 100mi 2:30



PARK PROGRAMS

June 20 - August 31

Check bulletin boards for additional programs and visit www.nps.gov/olym



MORA
Mora Ranger Station - Open Thursday, Friday, Saturday 10:00 a.m. - 2:00 p.m. Other daily hours vary. Information and park brochures.
Beach Walk - Locations, dates and times vary due to changing tides. Schedule and location information on bulletin boards.
Exploring Tide Pools - Times vary due to changing tides. A ranger will be available to answer questions at Hole in the Wall, 1 1/2-mile north of Rialto Beach trailhead.
Evening Program - Thursday, Friday, Saturday 8:00 p.m. Mora Campground amphitheater. Topics on bulletin boards.

KALALOCH
Kalaloch Ranger Station - Open daily 9:00 a.m. - 5:00 p.m. Information, exhibits, bookshop, maps.
Beach Walk Or Tide Pool Walk - Locations, dates and times vary due to changing tides. Schedule and location information on bulletin boards.
Ranger's Favorites! - Tuesday - Sunday 2:00 p.m. - 3:00 p.m. Drop by the Kalaloch Lodge gazebo at any time during this one-hour hands-on exploration of Olympic's treasures. Bring your coastal curiosity!
Evening Program - Monday, Wednesday, Friday, Saturday 8:00 p.m. Kalaloch Campground amphitheater. Topics on bulletin boards.

AUDIO TOUR
Make connections...

Dial 360-406-5056
 then select from the options to learn more about Olympic National Park destinations.

Hurricane Ridge 1	Elwha 2	Lake Crescent 3
Sol Duc 4	Mora & Ozette 5	Hoh 6
Kalaloch 7	Quinalt 8	Staircase 9
Park Overview 10		

Press # to end the message.
 Press *0 to leave a com-

LAKE CRESCENT
Storm King Ranger Station - Hours vary. Information, bookshop, maps, trails.
Lake Crescent Lodge Campfire Program - Monday, Wednesday, Saturday 8:00 p.m. Meet at campfire circle.
Log Cabin Resort Campfire Program - Sunday, Friday 8:00 p.m. Meet at campfire circle.
Marymere Falls Forest Walk - Friday 10:00 a.m. Meet on the Lake Crescent Lodge porch for this easy, 1 1/2-hour guided hike.

PORT ANGELES
Olympic National Park Visitor Center
 Open Daily 8:30 a.m. - 5:00 p.m.
 Information, children's Discovery Room, park film, bookshop, maps, exhibits, nature trails.
 Park information: (360) 565-3130. Recorded 24-hour road and weather updates: (360) 565-3131.
Wilderness Information Center (WIC)
 Extended hours begin June 27.
 Sunday - Thursday 7:30 a.m. - 6:00 p.m.
 Friday - Saturday 7:30 a.m. - 7:00 p.m.
 Call: (360) 565-3100.

HEART O' THE HILLS
Evening Program - Monday, Wednesday, Friday, Saturday 8:00 p.m. Heart O' the Hills Campground amphitheater. Topics on bulletin boards.
Family Forest Activities - Saturday 10:00 a.m. beginning June 28. Join us for one hour of forest activities. Meet at the campground amphitheater.



SOL DUC
Eagle Ranger Station - Hours vary. Information, books, maps.
Evening Program - Sunday, Tuesday, Thursday, Saturday 8:00 p.m. Sol Duc Campground amphitheater. Topics on bulletin boards.

ELWHA
Elwha Ranger Station - Hours vary. Information, maps, trails.
Elwha River Walk - Call (360) 565-3130 for dates, times and more information. Explore former Lake Aldwell and see the Elwha River up close on this 2-hour guided hike. Meet at former boat launch at end of Lake Aldwell Road, just north of Hwy 101 Elwha River bridge.

HURRICANE RIDGE
Hurricane Ridge Visitor Center - Open Daily 9:00 a.m. - 6:00 p.m. Information, maps, exhibits, orientation film, trails. The snack bar and gift shop are open daily 10:00 a.m. - 6:00 p.m. The information desk is staffed daily 10:00 a.m. - 5:00 p.m.
Terrace Talk - Daily 10:30 a.m., 1:00 p.m., 4:00 p.m. Learn about this amazing wilderness park at a 20-minute talk. Topics vary.
Meadow Walk - Daily 11:30 a.m. and 2:00 p.m. Join this easy one-hour guided walk to explore life in the mountains. Discover wildlife, wildflowers and other features of the Olympic landscape.



HOH RAIN FOREST
Hoh Rain Forest Visitor Center - Open Daily 9:00 a.m. - 5:00 p.m. Information, exhibits, bookshop, maps, trails, wilderness permits, bear cans.
Rain Forest Walk - Daily 2:00 p.m. Learn about giant trees, wildlife and more on this 1 1/2-hour easy walk on the Hall of Mosses or Spruce Nature Trail. Meet at the Hoh Visitor Center.
Evening Program - Monday, Tuesday, Thursday, Friday, Saturday 8:00 p.m. Hoh Campground amphitheater. Topics on bulletin boards.

QUINALT RAIN FOREST
Quinalt Rain Forest Ranger Station - North Shore Road
 Open Thursday - Monday 9:00 a.m. - 5:00 p.m.
 Closed for guided walks and lunch. Information, exhibits, bookshop, maps, trails.
Life in the Rain Forest Walk - Thursday - Monday 1:00 p.m. Learn about rain forest plants, animals and homesteader lore. Meet at Quinalt Rain Forest Ranger Station for this easy 1 1/2-hour, 3/4-mile walk.

STAIRCASE
Staircase Ranger Station - Hours vary. Information, exhibits, maps, trails, wilderness permits, bear cans.
Forest Walk - Thursday, Friday, Saturday, Sunday 2:00 p.m. Meet at bridge for 1 1/2-hour forest walk by the Skokomish River.
Discover Staircase! - Sunday 10:00 a.m. Meet at the ranger station for this 1/2-hour talk about the plants, animals or history of Staircase. Fun for all ages!
Evening Program - Thursday, Friday, Saturday 7:30 p.m. Meet at the Staircase amphitheater.

SEE THE STARS

Discover the night sky


HURRICANE RIDGE ASTRONOMY PROGRAMS
 Meet Master Observer John Goar at Hurricane Ridge Visitor Center for a one-hour astronomy program with telescopes. Look for the rings of Saturn or a distant galaxy.

June 27 through June 30 - 11:00 p.m.
 July 17 through July 23 - 10:45 p.m.
 July 24 through July 30 - 10:30 p.m.
 August 14 through August 20 - 9:45 p.m.
 August 21 through August 29 - 9:00 p.m.

HURRICANE HILL FULL MOON HIKES
 Join astronomer John Goar for a 2 1/2-hour sunset full moon hike. Meet at Hurricane Hill trailhead. Bring flashlights and wear sturdy shoes. The walk is 1.6 miles one-way on a partially paved trail that climbs 700 feet to the top of Hurricane Hill.

July 11, July 12 and July 13 - 9:00 p.m.
 August 9 and August 10 - 8:30 p.m.

If skies are cloudy, programs will be canceled. For program status, call the park recording at (360) 565-3131 after 3:00 p.m. the day of the program.

 www.facebook.com/OlympicNPS
 Thanks to our Facebook fans who shared many of the photos featured in the *Bugler*.

INFORMATION

ENTRANCE AND RECREATION FEES

Your fees provide support for visitor facilities and services at Olympic National Park. Thank YOU!

ENTRANCE FEES - single visit up to seven consecutive days

\$15 — Vehicle (private) or \$5 — Individual (foot, bicycle)

CAMPING FEES - per site, per night

50% discount with Interagency Senior/Access, Golden Age/Access Passes

\$10 — Deer Park, Queets, South Beach

\$12 — Altair, Elwha, Fairholme, Graves Creek, Heart O' the Hills, Hoh, Mora, Ozette, Staircase

\$14 — Kalaloch (except summer*) and Sol Duc

\$18 — Kalaloch*, June 18 - September 1. Make reservations at least three days in advance online at www.recreation.gov or by calling (877) 444-6777.

\$5 — RV septic dump station use at Fairholme, Hoh, Kalaloch, Mora, Sol Duc

WILDERNESS USE FEES - overnight trips require permit
50% discount with Interagency Senior/Access or Golden Age/Access Passes. For more information call the Wilderness Information Center at (360) 565-3100.

\$5 plus \$2 per person per night

ENTRANCE PASSES

Passes are on sale at visitor centers and entrance stations throughout the park.



\$30 - Olympic National Park Annual Pass



\$80 - Interagency Annual Pass (multiple federal lands)



\$10 - Interagency Senior Pass (lifetime, age 62+, U.S. citizen/resident)



Free - Interagency Annual Pass - Military (certain military personnel and dependents)



Free - Interagency Access Pass (lifetime, disabled, U.S. citizen/resident)

PARK CONCESSION SERVICES

Park concessions offer food services, lodging and gift items at Lake Crescent Lodge, Log Cabin Resort, Sol Duc Hot Springs Resort and Kalaloch Lodge. Food and gift items are available at Hurricane Ridge Visitor Center and Fairholme Store. Boat rentals are offered at Lake Crescent. All facilities are operated seasonally, except Kalaloch, which is open year-round.



Fairholme Store (Lake Crescent) (360) 928-3020
Kalaloch Lodge (360) 962-2271
Lake Crescent Lodge (360) 928-3211
Log Cabin Resort (Lake Crescent) (866) 574-2708
Olympic Raft and Kayak (360) 452-1443
Sol Duc Hot Springs Resort (360) 327-3583



SAFETY



In case of an emergency dial 911.

Park rangers, stationed throughout the park, can assist you with safety or crime issues.



Please help protect marine life.

All living organisms on the beach and in tide pools are protected. If you encounter a seal pup on the beach please do not touch it. The pup does not need help and your actions could lead to abandonment by its mother.



Filter or boil all backcountry water

to a rolling boil to avoid infection by *Giardia*, a microscopic intestinal parasite.

Pack rain gear and warm clothing. Hypothermia, a dangerous lowering of body temperature, may result from exposure to wet or chilly weather.



Pets are not allowed on park trails. This is for the safety of your pets, park wildlife and you! Ask for our pet regulations handout.

Tread lightly please. Avoid walking on delicate vegetation by staying on trails. Help protect this beautiful wilderness park for future visitors.



Bicyclists beware. Travel around Lake Crescent and other park areas can be hazardous due to heavy traffic, narrow roadways and seasonal road construction. Please use extra caution.

Drift logs are dangerous! Avoid swimming in or walking near the ocean during storms or heavy surf. Tides change daily and can prevent hikers from safely passing through certain areas along the coast. Use tide charts to plan your safest hiking times.



Cougars inhabit all elevations of the park where deer, elk and other prey are plentiful. Sightings are rare and usually fleeting. But if you encounter a cougar, make yourself large and loud, wave your arms or a stick, face the cougar and slowly back away. Please report all cougar observations at the nearest ranger station.



Wilderness camping permits

are available at the Wilderness Information Center (WIC) in Port Angeles. Permit reservations are accepted by fax or mail. For information about permits, reservations, tide charts, minimum impact, bear canisters, camp locations visit www.nps.gov/olym. Call: (360) 565-3100.



EXPLORE

Fun for all ages!



Junior Ranger Programs

Learn exciting secrets about the park. Become a Junior Ranger or Ocean Steward or both! Pick up a free activity booklet at park visitor centers and begin your journey.

Discovery Backpack

Have fun exploring nature with a Discovery Backpack filled with binoculars, guidebooks and more. Borrow a backpack at park visitor centers for a \$5.00 donation.



WILDLIFE

Did you see that?

Spotting wildlife can be a memorable part of your visit. Some animals are elusive and rarely seen, such as fishers and bobcats. Others, like deer, chipmunks, gray jays and non-native mountain goats, have become overly accustomed to humans. Their natural reaction should be to flee and not approach you, but some animals have lost their natural wariness. Do not follow when they move away. Thanks for keeping wildlife wild!

- **Stay 50 yards from wildlife.** If they approach, scare them away with waving arms and loud shouts.
- **Never feed park wildlife.** It is illegal, harmful to animals and hazardous to you. Animals fed by humans lose fear of people, which will alter natural animal behavior and may lead to aggression.
- **When camping or picnicking, secure food and trash from animals.** Store these items in your vehicle, if possible. Diligent visitors have helped prevent dangerous interactions with bears.



PARK PARTNERS

NatureBridge is a private, non-profit educational organization located on the shores of Lake Crescent in Olympic National Park.



Field science courses are offered for students. For information: (360) 928-3720. Write to: NatureBridge, 111 Barnes Point Road, Port Angeles, WA 98363.

Friends of Olympic National Park support the park's natural, cultural and recreational resources for present and future generations. They promote understanding of Olympic's ecological, educational, economic and recreational importance, and they work on park projects. Website: www.friendsonp.org



Washington's National Park Fund is a non-profit organization whose mission is to restore and preserve national parks in Washington. The Fund supports projects in Olympic, North Cascades and Mount Rainier National Parks, including promoting volunteerism and stewardship, and funding research and trail maintenance. Call: (206) 623-2063. Please mail donations to: 1904 Third Avenue, Suite 400, Seattle, WA 98101.



Discover Your Northwest is a non-profit organization that provides educational materials at park sales outlets. Proceeds support Olympic's programs, exhibits and publications. Annual membership is \$15. For more information, call the Olympic National Park Branch at (360) 565-3195. Please write to: Discover Your Northwest 164 S. Jackson St., Seattle, WA 98104.



BOOKSHOP COUPON

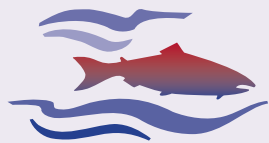
Discover Your Northwest bookshops are located throughout the park. Your purchases help fund educational programs at Olympic National Park.

Thank you for your support.

30%
DYNW members

15%
non-members

Valid on all merchandise except sale items. Expires 9/30/2014



ELWHA RIVER RESTORATION

Natural Wonders Never Cease

After nearly three years, the largest dam removal in United States history is almost complete. The Elwha Dam is gone, and less than 30' of the 210' tall Glines Canyon Dam remain. After 100 years behind these dams, the Elwha River is running free from its headwaters in Olympic National Park to the Strait of Juan de Fuca.

As the reservoirs disappeared, the pre-dam forest floor was revealed. Hundreds of thousands of native seeds and seedlings have been planted in the former reservoirs. A land that was submerged is blooming with new life. Released sand, gravel and silt that washes downstream is creating vital habitat for fish and other marine life along the river and at its mouth.

Salmon and steelhead have returned to sections of the river and tributaries, restoring a vital link between ocean, river and forest. The Lower Elwha Klallam Tribe, inhabitants of the Elwha Valley since time immemorial, can now access sacred sites long covered by the reservoirs.



Former Lake Mills, May 15, 2014

You can connect with the Elwha in many ways! View Elwha River Restoration webcams at www.nps.gov/olym. Share photos and post comments or questions at www.facebook.com/ElwhaRiverRestoration. Pick up the *Elwha River Restoration* brochure at park visitor centers to learn more about where to experience this unique restoration story. Stand near the banks of the Elwha River or explore the exposed bed of former Lake Aldwell. Return next year to witness more changes.



It is Written in the ^{Sea} Stars

STEVEN FRADKIN, Coastal Ecologist

Park visitors exploring tide pools this summer may notice unhealthy looking sea stars inhabiting the rocky intertidal zone. Sea star populations naturally increase and decrease over time, but the current population decrease is different.

In June of 2013, park scientists began documenting the number of sick sea stars at Starfish Point near Kalaloch. Continuing research reveals that a horrible wasting disease is afflicting sea stars on the Olympic coast. Researchers found that 25% of the Starfish Point sea stars showed symptoms during the summer of 2013. This percentage declined to around 8% of the population during the fall, winter and spring.

Sea star wasting disease has been observed throughout the park's coastal areas and along the entire west coast from Alaska to southern California. At least 10 sea star species have shown signs of the disease in both intertidal and sub-tidal habitats. At some locations in California, almost all the sea stars have disappeared.

Over the years, there have been isolated instances of sea star wasting disease on the west coast. But an event of this duration and magnitude has never been recorded. New research by Cornell University suggests that a virus may be the cause of the disease. The origin, the way it is transmitted and the role of environmental factors such as temperature, salinity and pH are being investigated.

Ochre sea stars with this disease display white lesions on their surface. This is followed by loss of arms and eventual disintegration of the entire animal. On a hopeful note, park researchers have observed arm regrowth, suggesting that some sea stars may survive the disease.



Intertidal zones, where sea stars live, are excellent indicators of the health of our ocean environments. When something like this occurs, researchers become concerned. They want to determine why it is happening and what solutions to recommend.

When visiting coastal areas, please be careful not to move tide pool creatures. Even when the animals are healthy, this increases their stress. Thank you for helping to protect these sensitive populations, and all park wildlife!

Sea star research updates are available on the web: www.eeb.ucsc.edu/pacificrockyintertidal

