DESCRIPTION OF ACTIVITIES

Nature Walk

Leisurely 1½-hour, 1-2 miles in length, beginning at Manzanita Lake Amphitheatre. Routes are chosen to contact a variety of habitats: streamside, pond, woodland, meadow. Themes vary each day and emphasize: geology, plantlife, land animals, birdlife, or pondlife.

Night Prowl

A rough scramble after dark. The senses other than sight are called upon to acquaint you with the night world. Flashlights are optional, but wear sturdy boots and warm jackets.

Half-day Hikes

Discovery trips are about 3 hours duration, 3-4 miles total distance. Sturdy footwear, preferably boots, is suggested. Children must be accompanied by parents. Snow conditions may require alternate trips, so check bulletin boards to see if hike is being conducted as scheduled. CRAGS LAKE

A fairly steep hike to view Chaos Crags and Jumbles from a different perspective. Explores a hazard to Manzanita Lake due to rock avalanche potential. Visits a vernal pond.

FOREST LAKE

Travel through willow thickets, fir forests, open meadows, and cascading creeks to a small, fragile lake nestled under towering Brokeoff Mountain. DEVASTATED AREA

Hike through the area whose life was obliterated 66 years ago by a mudflow and explosion; like Mount St. Helens in 1980. Observe the forest regrowth and unique geological features.

CLIFF LAKE

This jewel in a glacial cirque at the north base of Reading Peak is reached by an ascent of 800 feet. Marmots and pikas inhabit nearby slopes. PARADISE

A 1.5-mile trail climb up through forests and beside a stream to a mountain meadow featuring a fine midsummer flower display and good views of Lassen and Reading Peaks.

CRUMBAUGH LAKE

An easy walk through meadows and forests to Cold Boiling Lake, and on to Crumbaugh Lake surrounded by a meadow of wildflowers.

KINGS CREEK FALLS

A 30-foot-high waterfall reached by a 3-mile round-trip trail descending 700 feet through meadow and forest and alongside a cascading mountain stream.

MILL CREEK FALLS

Acid waters from two thermal areas are joined in a 75-foot waterfall, reached by a 4-mile round-trip hike.

SIFFORD LAKES

A charming cross-country hike through a meadow and open forests to a series of deep fissures and a cluster of shallow glacial lakes.

CLOSE LOOK AT THE MEADOWS

A short hike giving an in-depth discovery and discussion of meadow plants and animals.

ECHO LAKE

A 4-mile round-trip hike in the park's eastern wilderness giving good views of Lassen Peak and a variety of wildflowers.

Self-guiding Trails

Leaflets or signs provide interpretation for:

BUMPASS HELL

Road Guide Stake No. 17. A 3-mile, 2-hour round-trip trail leads to the park's most spectacular thermal area.

LASSEN PEAK

Road Guide Stake No. 22. A 5-mile, 4-hour round-trip hike. Magnificent views of the entire park.

CINDER CONE

Butte Lake Ranger Station. A 5-mile, 2- or 3-hour round-trip alongside a huge black lava flow and to the top of a 700-foot-high cinder cone. BOILING SPRINGS LAKE

Warner Valley Picnic Area. A 2½-mile, 2-hour round-trip to a lake with a temperature of 125° F.

SULPHER WORKS TRAIL

Road Guide Stake No. 5. Signs along the trail interpret fascinating features of this small thermal area. Walking time is about 15 minutes.

VISITOR CENTERS

Manzanita Lake Visitor Center

Open Daily 8:00 A.M. to 5:00 P.M. Information service, exhibits, publications, maps and slide program — near North Entrance.

Southwest Visitor Center

Information booth open daily 9:00 A.M. to 4:30 P.M. Exhibits, information, maps and publications.



The Red-tailed hawk (Buteo jamaicensis) is a 19 to 25" predatory bird distinguishable by a harsh "ke-ahr" call. We hope you enjoy your visit to LASSEN VOLCANIC NATIONAL PARK and that you participate in the park's activities to the fullest extent. We also hope that you'll do your part to preserve and protect this natural area. We need your cooperation to insure that future visitors can also enjoy this park's distinctive features in the same unspoiled condition in which you have found them.

FOR MORE INFORMATION

Color Road Guide

This booklet is available throughout the park, including both entrance stations. Keyed to numbered stakes along the park road, it explains features that you can see from your car.

Information and assistance can be obtained at any Ranger Station, Park Entrance Station or from any Park Service employee.

Non-sectarian church services are available each Sunday at Manzanita Lake and Summit Lake amphitheaters. Check bulletin boards for time.



1981 Summer Naturalist Programs

June 29 - September 7



MORNING BIRD WALK 730 AM/Aug Manzanita Lake Amphi theater 10 AM JUNIOR RANGER

PROGRAM* - Manz Lake Amphitheater

11 AM/ INDIAN WAYS' Manzanita Meadows Visitor Center

130_{PM/July} CLOSE LOOK AT THE **MEADOWS** July: Stake #42, Aug. Sept: Stake #30

EVENING NATURE WALK 7PM/July 630_{PM/Aug} Manzanita Lake Amphitheater

730_{PM/July} **EVENING PROGRAM** 7PM/Aug Summit Lake Amphitheater, Topic: Footsteps on the Mountain

EVENING PROGRAM* 9PM/July 8³⁰PM/Aug Manzanita Lake Amphitheater, Topic: Footsteps on the Mountain

STAR WATCH* DUSK TILL 1030pm Devastated Area. Stake #44

NOTE: Activities marked (*) are accessible for physically handicapped visitors.

Activities may change during the season. Check Bulletin Boards for most current schedules. Stake numbers refer to Road Guide numbers along the park road.

Mon.

CRAGS LAKE HIKE Manzanita Lake Amphitheater

> JUNIOR RANGER PROGRAM* - Manz. Lake Amphitheater

11AM/ INDIAN WAYS' 2РМ Manzanita Meadows Visitor Center

130_{PM} MILL CREEK FALLS HIKE - Chalet at Stake #4

> OF EMIGRANTS AND FLEPHANTS* - Manz. Lake Amphitheater

7³⁰PM/June EVENING PROGRAM Summit Lake Amphi-7PM/Aug theater, Topic Volcanoes Awake

9PM/June **EVENING PROGRAM*** Manzanita Lake Amphi-830 PM/Aug theater, Topic: Mountains in Bloom

230_{PM}

945 PM/July NIGHT PROWL 915 PM/Aug Manzanita Lake Campground Ranger Station

Emigrants and Elephants A short walk on historic trails to an encounter with a pioneer emigrant company headed for California in the 1850's. "Seeing the Elephant" was their expression for the ultimate trail experience.

Tues.

NATURE WALK - Manz. Lake Amphitheater

DEVASTATED AREA HIKE - Stake #42

11AM/ INDIAN WAYS* - Manz. Meadows Visitor Center 2РМ

130_{PM} FOREST LAKE HIKE Stake #2

OF EMIGRANTS AND 230_{PM} ELEPHANTS* - Manz. Lake Amphitheater

Volcanoes Awaken

730PM/June EVENING PROGRAM Summit Lake Amphitheater, Topic: For 7 PM/Aug Now and Forever

9_{PM/June}

830_{PM/Aug}

July

EVENING PROGRAM* Manzanita Lake Amphitheater, Topic:

730 PM/June EVENING PROGRAM 7PM/Aug theater, Topic:

9PM/June July 8³⁰/Aug theater, Topic: For Now and Forever

STAR WATCH* Devastated Area, Stake #44

HIKE TO PARADISE Stake #42 JUNIOR RANGER 10_{AM} PROGRAM* - Manz. Lake Amphitheater **INDIAN WAYS*** 11AM/ **2PM** Manzanita Meadows Visitor Center ECHO LAKE HIKE

Summit Lake North Campground, Stk.#36 OF EMIGRANTS AND

ELEPHANTS* - Manz. Lake Amphitheater

7PM/June **EVENING NATURE** WALK - Manzanita 630_{PM/Aug} Lake Amphitheater

Summit Lake Amphi-Creatures Crossroads

EVENING PROGRAM' Manzanita Lake Amphi-

Thurs.

7AM/June MORNING BIRD WALK Manzanita Lake Amphi-730 AM/Aug theater KINGS CREEK FALL 9ам HIKE - Stake #32 10AM JUNIOR RANGER PROGRAM* - Manz. Lake Amphitheater 11AM/ INDIAN WAYS* - Manz. 2PM Meadows Visitor Center 130_{PM} CRUMBAUGH LAKE HIKE - Kings Creek Picnic Area, Stake #30 OF EMIGRANTS AND FI FPHANTS* - Manz Lake Amphitheater

730 PM/June EVENING PROGRAM Summit Lake Amphi-7PM/Aug theater, Topic: Vulcan's Fury

9PM/June **EVENING PROGRAM*** Manzanita Lake Amphi-830_{PM/Aug} theater, Topic: Creatures Crossroads

> Lassen Peak is a Plug-dome volcano.

Fri

830_{AM} NATURE WALK-Manz. Lake Amphitheater 11AM/ INDIAN WAYS* - Manz. Meadows Visitor Center 2РМ 130_{PM} CRAGS LAKE HIKE Manzanita Lake Amphitheater 230_{PM} OF EMIGRANTS AND ELEPHANTS* - Manz. Lake Amphitheater 730 PM/June EVENING PROGRAM

Summit Lake Amphi-7PM/Aug theater, Topic: Byways to Adventure

9PM/June EVENING PROGRAM* Manzanita Lake Amphi-830 PM/Aug theater, Topic: Byways to Adventure

945 PM/June NIGHT PROWL - Manz. Lake Campground 915_{PM/Aug} Ranger Station

Sat

DEVASTATED AREA HIKE (June and July only) - Stake #42

CLIFF LAKE HIKE (Aug and Sept only) -Stake #351/2, Lupine Picnic Area

10AM JUNIOR RANGER PROGRAM* - Manz Lake Amphitheater

11 AM/ INDIAN WAYS*-Manz. 2РМ Meadows Visitor Center

130_{PM} SIFFORD LAKES HIKE Stake #32

OF EMIGRANTS AND FLEPHANTS*-Manz Lake Amphitheater

EVENING NATURE 7PM/June WALK - Manzanita 630_{PM/Aug} Lake Amphitheater

730 PM/June EVENING PROGRAM Summit Lake Amphitheater, Topic: Moun-7PM/Aug tains in Bloom

EVENING PROGRAM* Manzanita Lake Amphi 830_{PM/Aug} theater, Topic: Vulcan's Fury

Campfire talks will feature one of these subjects each night:

CREATURE CROSSROADS Lassen's wildlife habits and haunts

VULCAN'S FURY Forces of fire and ice shaping Lassen's landscape

FOOTSTEPS ON THE MOUNTAIN Indian and Pioneer adventures in the Lassen region

VOLCANOES AWAKEN Lassen Peak and other active Cascade volcanoes

BYWAYS TO ADVENTURE Exploring Lassen's backcountry by trail

FOR NOW AND FOREVER The story of our western National Parks

MOUNTAINS IN BLOOM Lassen's plant life and habitats

Mountain

bluebird



Star Watch Constellations, the moon, planets, nebulae, galaxies, ancient myths and contemporary theories under an expansive view of the heavens at Road Marker No. 4. Bring binoculars and warm coat.

Sunrise with the Birds Early morning is the best time for enjoying Lassen's varied birdlife. Bring binoculars and a jacket.



Indian Ways An Atsugewi Indian relates joyful summer life of hunting and gathering before white settlement of Lassen Park.

Junior Ranger Program If you are aged 6 to 12 years, spend a fun 11/2 hours enjoying the sun's energy and the special secrets of Lassen Park. Become

a Lassen Junior Ranger.