



Chinook Trek Update #9

October, 1993

## Inside this issue...

<i>Annual Meeting</i>	<i>Page 1</i>
<i>A Geologic Tale</i>	<i>Page 2</i>
<i>Notes From Brian Litt</i>	<i>Page 2</i>
<i>Work Party Summary</i>	<i>Page 3</i>
<i>National Trails Day</i>	<i>Page 3</i>
<i>Squaw Butte Survey</i>	<i>Page 3</i>
<i>Photo Essay by Don Cannard</i>	
<i>Draft Plan</i>	<i>Page 4</i>
<i>Comment</i>	<i>Page 4</i>

## Chinook Trail Association's Annual Meeting

by Karyl Ramsey

We're thrilled! Jennifer Belcher, Commissioner of Public Lands, will be our guest speaker at our annual meeting, which will be held at the new Skamania Lodge! It's a well-deserved honor as we finish up another year of trail-building and move into planning our next year.

Commissioner Belcher will speak on "Partnership Among WDNR. Counties, Cities and Outdoor Organizations: The Value of Recreational Use of Forests". We need to work together on all levels of community and government to maintain our natural resources for the good of all.

As more and more people move into Southwest Washington, access to forest lands becomes an increasingly vital issue, and one that will have an impact on our future as well.

Please join us Sunday, November 14 at 12:00, noon for a meal and good cheer, followed by a 1½ mile hike to the falls on the Hamilton Mountain Trail. We will hike rain or shine, so come prepared! For more information call:

Hood River: Dave Meyer (503) 386-1588

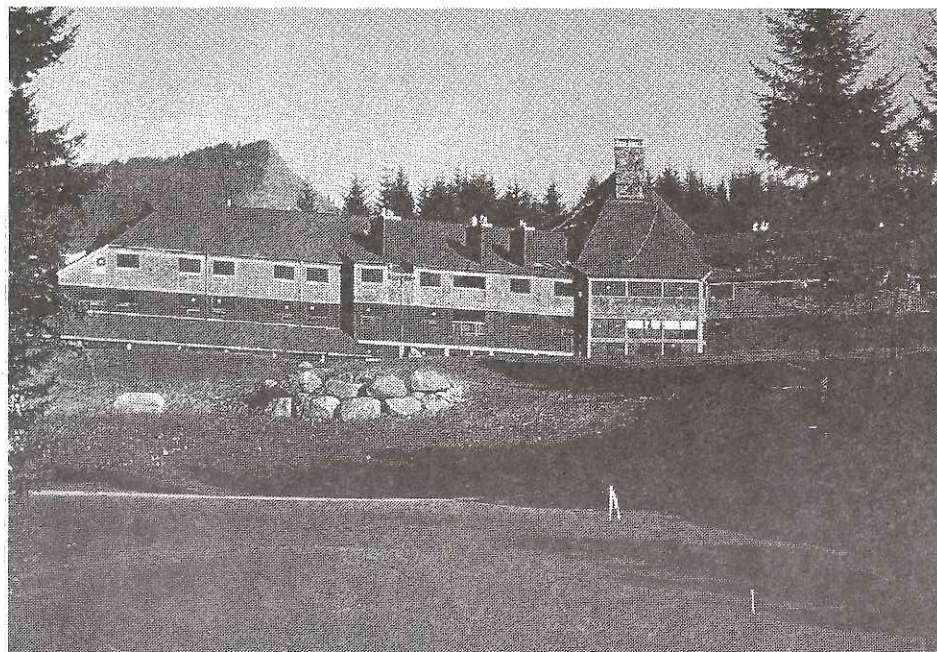
Portland: Larry Devroy (503) 652-2241  
(503) 223-6663

Vancouver: Paul Clare (206) 892-8173

Please see back page for reservations form.

## Board of Directors

Karyl Ramsey, President  
Ann Lee, Vice President  
Paul Clare, Secretary  
Florence Wager, Treasurer  
Don Cannard  
Larry Devroy  
Boyd Jacobsen  
Dave Meyer  
Ed Robertson  
Ted Klump



*Skamania Lodge, located at Stevenson, Washington, is the site for the Chinook Trail Association's Annual Meeting.*



## Notes From The Gorge

by Brian Litt, Recreation Planner

We've been working with Gorge counties developing ordinances consistent with the Gorge Plan. When a county has an ordinance in place, it becomes the decision-making agency for land use approvals, and is eligible for monies authorized in the Scenic Area Act for new recreation facilities and economic development.

As of this writing, Multnomah County is busy implementing their approved ordinance. Skamania and Wasco Counties have submitted ordinances for Commission review. I expect these counties will be "on board" very soon. Hood River County is in the process of drafting their ordinance, and we expect to receive it shortly. Clark and Klickitat Counties have not yet submitted ordinances.

What about trails, you say? Progress is being made on restoration of the abandoned sections of the Historic Columbia River Highway. The "Toothrock" segment (between Bonneville Dam and Eagle Creek) is well on the way, with a grant to Oregon Department of Transportation from ISTEA (federal Intermodal Surface Transportation Efficiency Act) of about \$.8 million to restore this historically fascinating segment of the highway for trail use. The Oregon State Parks Department is accepting public comment on its Gorge Master Plan. I encourage all of you to review and comment on this important document as it will have an effect on many trail projects on the Oregon side of the Gorge.

## CTA Volunteers Needed

- phoning
- mailings and newsletter
- newsletter editing
- trail steward
- trail construction and/or layout

### We have a need for:

- word processor
- phone system
- ektographic projector

Phone (206) 694-1648  
or (206) 695-7149

## Excerpt: A Geologic Tale of Basalt Flows & River Channels

by Beverly F. Vogt, Oregon Dept. of Geology and Mineral Industries

Driving through the Gorge, one can see how the Columbia River has cut through the layers of basalt, leaving impressive cliffs which are characteristic of the Gorge. The Columbia River has occupied the present channel for about 2 million years. Buried among the rocks is geologic evidence of at least two earlier paleochannels of the Columbia River.

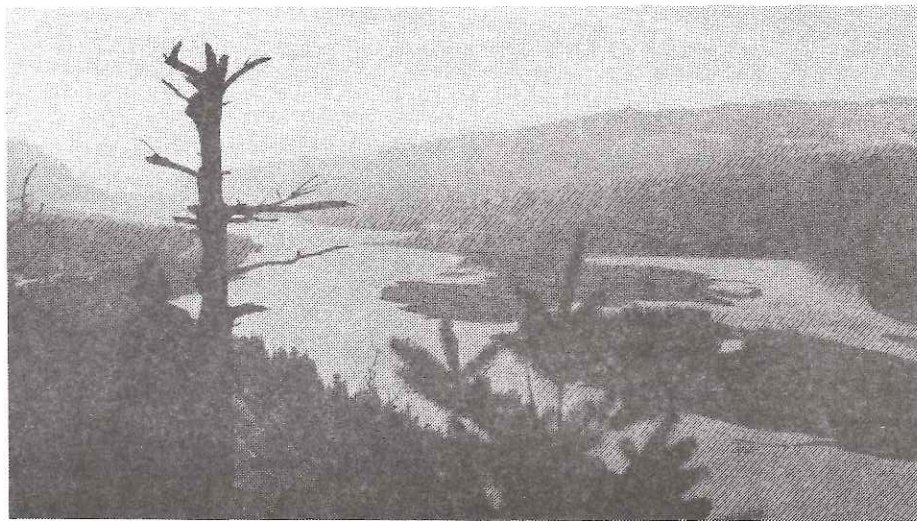
Most of the basalt we see in the Gorge today is of the Grande Ronde Basalt, which erupted between 17.0 and 15.6 millions years ago. A soil zone developed on top of the flows and vegetation and forests became re-established. A paleochannel of the Columbia River probably developed in the vicinity of Mount Hood. Geologists call this the "Vantage" time, named for sandstone deposited near the town of Vantage, Washington.

About 15.3 million years ago, there were more eruptions named Wanapum Basalt. The Ginkgo flow passed through the paleochannel of the Columbia River and repeatedly disrupted its flow. The Columbia River became established in a new location by 14.5 million years ago when the Priest Rapids Basalt flowed into the Columbia River channel of that time and filled it with lava, and the river formed a new channel. When the lava hardened in the old channel, the channel was preserved so we can see it today.

The Priest Rapids eruptions flowed from Idaho across eastern Washington, into a lake near The Dalles. The lake was drained by the Columbia River that then flowed southwesterly through Middle Mountain in the Hood River Valley, through the Bull Run Watershed, then northerly to Crown Point.

The lava chilled quickly when it flowed into the lake at The Dalles, forming fragments of "hyaloclasite" (glassy debris) which came to rest in sedimentary beds at the base of Crown Point. The lava formed bulbous "pillows" with glassy edges. Pillows with solid lava above them can be seen in road cuts on Highway 197 south of the I-84 interchange at The Dalles. At Crown Point the hyaloclasite is in horizontal beds of small, glassy fragments, with columnar-jointed massive basalt above the beds.

After the channel was obliterated by the Priest Rapids flow, a new channel developed to the north. Pebbles, cobbles, and boulders deposited in that channel are exposed in the cliffs at the east end of the Gorge at Mitchell Point, and to the west of Mitchell Point at road level on I-84 at milepost 56. The same river channel is exposed at the town of Bridal Veil. About 12 million years ago, the Pomona Member of the Saddle Mountains Basalt of the Columbia River Basalt Group erupted from fissures in western Idaho and flowed toward the coast, leaving lava in the Pomona channel. Sediments carried by the river accumulated until about 2 million years ago, when volcanic eruptions filled the channel and forced the Columbia River into its present-day channel.



*Major geologic structures of the Columbia River Basalt Group can be seen in the Gorge.*



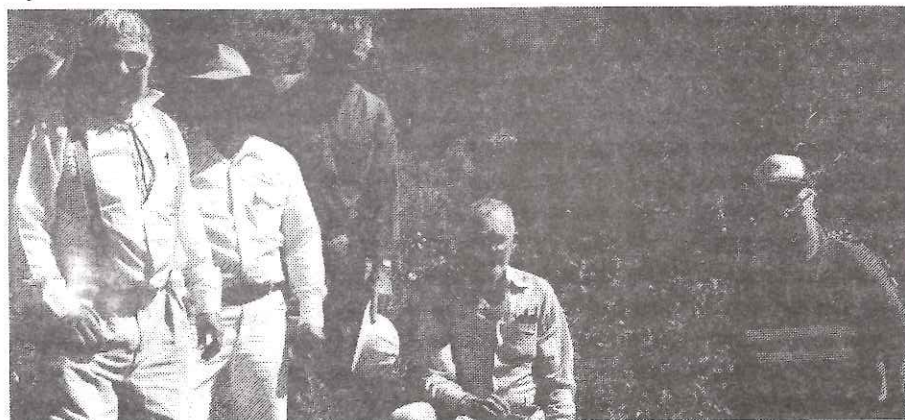
## Squaw Butte Trail Survey Completed

Surveying for the final section of the Squaw Butte Connector Trail was completed September 23. This trail will connect the Tarbell Trail with the Silver Star Special Scenic Area. Chinook Trail Association members Ted Klump, Trails Chair and Don Cannard, Board Member, coordinated this field work. Field notes are in the hands of Wallis Engineering for transcribing to a line on a map with their CADD System. These will be used in developing specifications essential for placing the trail out for bid in 1994.

Jim Slagel, Chief Trails Engineer for the Gifford Pinchot National Forest, was complimentary of the work accomplished. Assisting Ted and Don on the survey were Ken Herman, retired WDNR Administrator, Vern Swaim, former BPA Engineer, Paul Clare, CTA, and Mike Bond.

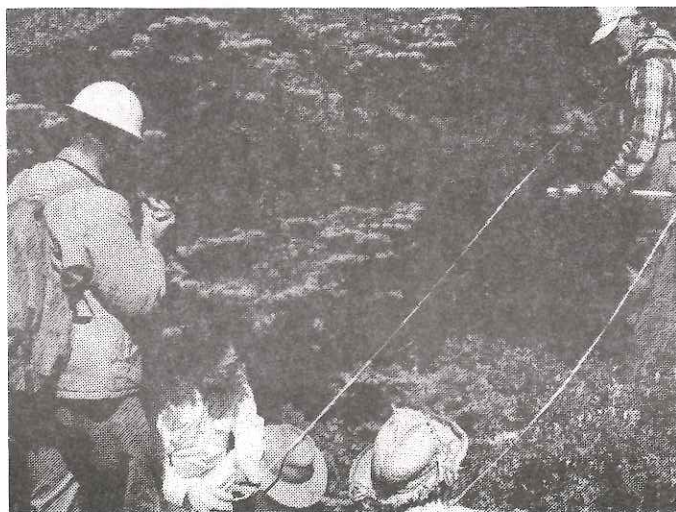
## Photo Essay, Squaw Butte Survey

by Don Cannard



*Don Cannard, Ted Klump, Ken Herman, Vern Swaim and Mike Bond interrupt surveying for photo.*

*Dave Morris riding 'Bud' delivers survey equipment to the work site with pack horse 'Honey'.*



*Ken Herman, Ted Klump, Vern Swaim and Paul Clare measure and set in a reference point.*

## Fall Work Party Report

by Ted Klump, Trails Chairman

Our fall work party schedule began September 11, on the new Squaw Butte Connector Trail. Larry Devroy and his wife, Hing Lee, Fred Rogers, Vern Varcoe and I started the day by packing survey stakes up the old fire road from Squaw Butte to Silver Star. We then came back down to the first crossing of the new section of trail. We spent the remainder of the day dressing up a section of the tread. It was a cold, overcast day with minimal drizzle, but the temperature was just right for trail work.

September 25 dawned bright and beautiful. A portion of the Tarbell Trail was worked. I worked the section from there south to the first road crossing, mostly dressing up dishouts. After I was finished there, I drove down to the point where the Tarbell crosses 1000 Road to inspect the work we had done two years ago. I was pleasantly surprised to find that it has held up very well.

On October 9, the work party, with Steve Johnson, Park Ranger at Beacon Rock, spent the day brushing the trail on the north side of Hamilton Mountain. Again, the weather cooperated. It was the first time we worked with the new brush cutter, and it did a great job. We will continue with the brush cutting on October 23.

My thanks to those who participated this fall. I hope more of you will consider this worthwhile endeavor next spring.

## National Trails Day, 1994

The American Hiking Society has set June 4, 1994 as the date for the second National Trails Day, and Chinook Trail Association will participate. Reserve the date. Last year sixty-six people ages 5 to 75 helped out. A CTA National Trails Day committee is forming to plan the event. Anyone interested in assisting with the organization of this activity should contact Ted Klump, Trails Chair at (206) 695-7149.



## Chinook Trail Part of Oregon Plan

The Columbia Gorge District of the Oregon State Parks Draft Master Plan has included the specific location of the Chinook Trail in its first Draft Statement. CTA representatives Ed Robertson, Florence Wager, Paul Clare, Sue Cannard and Ted Klump toured the Columbia River Gorge earlier this year with OSP Commissioners and staff, and reviewed the Draft Master Plan for the Columbia River Gorge. Don Cannard gave the slide presentation of the Chinook Trail at a dinner session held in Hood River following the tour.

This is vital recognition of the Chinook Trail, particularly when coupled with the Washington State Interagency Committee for Outdoor Recreation's listing of the Chinook Trail on Washington's statewide trail plan.

### Chinook Trail Association

#### Membership Application

- ☐ Individual \$20    ☐ Family \$30    ☐ Student/Senior \$10    ☐ Institutional \$60  
☐ Sustaining \$100    ☐ Life \$500    ☐ Corporate \$1,000 and above

Name \_\_\_\_\_ Telephone \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Members receive "The Chinook Trek" and other mailings of Chinook Trail progress.

Send application and remittance to:

Chinook Trail Association  
P.O. Box 997, Vancouver, WA 98666-0997



### Chinook Trail Association

ANNUAL MEETING LUNCHEON AUTUMN HIKE

November 14 Skamania Lodge

Enclosed \$\_\_\_\_\_ for \_\_\_\_\_ adults (\$15 each) and \_\_\_\_\_ children (\$7.50 each)

Make check payable to Chinook Trail Association

Names(s) of attendees:

\_\_\_\_\_  
\_\_\_\_\_

I (we) wish to reserve \_\_\_\_\_ vegetarian meals.

Send to: CTA

P.O. Box 997

Vancouver, WA 98666-0997

NOTE: No tickets will be sent.

Your reservation will be held in your name.

RESERVE, please, by NOVEMBER 10. *Thank You!*

## Comment From a New Member

Dear CTA,

I would dearly love to help, but I have no car — my medical condition keeps me pretty much at home. Anyway, I will keep money coming, even though I cannot be *physically involved*.

Best Wishes,  
New Member

Dear New Member,

Your kind words of encouragement mean a lot to those who are *physically involved*.

Sincerely,  
The Editor

"A Geologic Tale" is based on the following publications:

Anderson, J.L., 1980 *Pomona Member of the Columbia River Basalt Group: An Intracanyon Flow in the Columbia River Gorge, Oregon: Oregon Geology*, v. 42, no. 12, p. 195-199

Tolan, T.I., Beeson, M.H., and Vogt, B.F., 1984, *Exploring the Neogene history of the Columbia River: Discussion and geologic field trip guide to the Columbia River Gorge: Oregon Geology*, v.26, no. 8, p. 87-97, and v. 46., no. 9, p. 103-113.

Reidel, S.P., and Hooper, P.R., 1989, *Volcanism and tectonism in the Columbia River flood-basalt province: Geological Society of America Special Paper*.

### Chinook Trail Association

P.O. Box 997, Vancouver, WA 98666-0997



NON-PROFIT ORG  
U.S. Postage  
PAID  
Vancouver, WA  
Permit No. 518