



The Cascade Caver

Official Publication of the
CASCADE GROTTO N. S. S.

Vol. 11 #6
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Volume 11, no. 6 Editor: Dr. W.R. Halliday June 1972

COMING EVENTS

- May 21. Paradise Ice Caves trip. Call Anderson or Pflum.
- May 24. NW Cave Rescue Assn. meeting, 8 PM Verne Frese's;
17021 1st Ave. So.
- May 27-29. Papoose Cave trip. Call Brown, Ro3-9094.
- June 3. NWCRA practice rescue; problem set up by Oregon Grotto,
God knows where. Call Brown, R03-9094.
- June 4. Lava tube trip, God knows where, after above rescue.
- June 10-18. Snake River trip. Call Coughlin, PA5-9027.
- June 19. Regular Grotto meeting, Hallidays, 8 PM. 1117 36th Ave. E.
- June 24-25. Probable lava tube trip; planning at June meeting.
- July 4 weekend. NW Regional Convention, Vancouver Island.
- August 12. Pre-convention field trips begin.
- Sept. 1-4. Naas River caves trip with VICEG.
- January 1973. Possible British Honduras trip. Call Halliday, EA4-7474. after 6

Grotto By-laws amended.

The recent mail ballot resulted in a 22-2 vote to amend the by-laws to raise the dues to \$4.50. The vote on raising the Caver subscription failed; the vote was 13 to 11 with 2/3 majority needed. On providing both the Caver and NW Caving to all grotto members, the vote was 14-7; exactly the 2/3 needed to carry the new by-law.

Chairman's message

I don't exactly know the best way to handle this first year's subscriptions for grotto members to Northwest Caving. Myself, I'm going to chip in \$1.50 and if everybody else would do so, it would do the job.

-- Bob Brown



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The Cascade Caves
Official Publication of the
FIELD TRIP REPORTS
CASCADIAN CAVE ASSOCIATION



On May 5 and 6, the Coughlins, Gret Thomson and Linda scouted the limestone area on the Humptulips River on the Olympic Peninsula. The report is that they couldn't find any limestone.

Which wasn't too bad considering that Brown couldn't even find THEM on the same trip.

* * *

At the May meeting Ron Pflum mentioned having seen sinkholes on the trail to Enchanted Valley, so you Olympic cave-hunters can't give up yet.

* * *

The Kentucky section of the Cascade Grotto convened at Mammoth Cave March 19. Most of the work was on the surface of Mammoth Cave, Joppa and Flint Ridges, but Ross and I got some 150 feet underground. If Marcia hadn't gotten tired, we'd have made it to CRF headquarters at FR; the gate was locked and the road got longer as the day got later...

Oh, well, the season is finally beginning. No snow permitted next year.

CAVES OF TENNESSEE SUPPLEMENT published

Bulletin 69 of the Tennessee Division of Geology is now available for \$3.50 per copy, said to be hardbound. This is a supplement to Tom Barr's Caves of Tennessee; its title is "Descriptions of Tennessee Caves". It is by NSS member Larry E. Matthews, longtime Tennessee caver who recently moved to Texas. Larry writes that the Tennessee Division of Geology is also planning to publish a hard-bound edition of Barr's classic. Address: Tennessee Division of Geology
G-5 State Office Bldg.
Nashville, Tenn. 37219

Supplement to CAVES OF THE INTERAMERICAN HIGHWAY
ALSO PUBLISHED

The Southwest Texas Grotto of the NSS (address % Student Union, San Marcos, Texas, 78666) has just published MEXICAN CAVING 1966-71. This is a 146-pp paperbound book, 8 1/2 x 11", with many maps, photos and location maps. Anyone contemplating Mexican caving (and not everybody can go to Arizona next Christmas) should send \$3.50 before the supply is exhausted.

Yr editor just noticed that on the back of an envelope from Gerrit VanderLaan of 17 April there was a note: P.S. Clarence Hronek, St. Mary's Hospital, 220 Royal Ave., New Westminster, B.C. No one at the May meeting had any information; if Clarence was hospitalized, it's likely to be a little late to send flowers; any information welcome!



This year's convention will be in White Salmon, Washington, located high above the Columbia River about 60 miles east of Portland. The Columbia River cuts through the Cascade Mountains at this spot, creating much rugged scenery amid snow-capped mountains to the north and south.

The major convention caving area will be a few miles to the north, in the lavas surrounding Mt. Adams. Over 12,000 feet high, Mt. Adams commands the scene, but slightly lower Mt. Hood to the south and Mt. St. Helens to the west also compete for attention. The Pacific Crest Trail passes through the area (see Feb. 72 NSS News, p. 58).

The convention will be the Society's first in a non-calcareous area. The theme of the convention will be Vulcanospeleology. Many lava caves are within a few miles. A "self-guided" section in the Guidebook will get you to most of them and guided trips will be offered daily.

CONVENTION HEADQUARTERS

Everything except motels will be located on the relatively small campus of Chinook High School.

Registration, meeting rooms and photo salon will be in Sector C, a rectangular complex of rooms surrounding a central, roofed-over mall. The mall area and adjoining wide hallways are large enough for the photo salon plus room for 150 or so people to mill around comfortably. There will be a snack bar adjoining the mall. Present plans call for these facilities to be open from 8:00 AM until 9:00 PM.

In addition to rest rooms adjoining the mall, there are locker rooms in the basement, or ground level, with fine shower rooms, which will be open on a 24 hour basis.

Campgrounds will probably be around the outer edge of the football field, but in the event an already contracted landscaping job is underway, the campground will be an adjacent 7 acre tract. Either way, the walking distance from the campground's center will be no more than 600 feet (160 seconds to the toilets, for those who like to plan ahead). Campfires will be permitted.

TO GET TO WHITE SALMON

From the East: Interstate 80N follows the south bank of the Columbia River. At Hood River, follow the signs to the bridge. Cross the river (toll, 50 cents per car or pickup, no charge for occupants) and turn right for about one mile to the town of Bingen. At the yellow flashing light in Bingen, turn left (north) and drive up the hill to White Salmon. Turn right on Main Street and travel about 1 1/4 miles to the convention site at the high school.

From the South: Follow Interstate 5 north to Portland. Turn east on I-80N (The Dalles exit) and travel about 60 miles to Hood River. Follow the signs to the bridge and proceed as above. A more direct and more scenic, but probably slower route is to take US 97 (it leaves I-5 at Weed, California). Travel north to the Columbia at The Dalles and turn west to Hood River on I-80N.

By commercial airline: Portland International Airport is the closest. Let us know in advance your arrival time and we will furnish transportation.

By private airplane: The nearest airport to White Salmon is Hood River Airport, located 4-1/2 miles south of Hood River. The phone number is (503) 386 - 1732, manager is Bob Meyer. Tie down is free, gas is available 24 hours, and maintenance is available. The runway is 2500 feet long and 75 feet wide. The airport operates standard Unicom (122.8 MHz) but a radio isn't necessary to land. Let us know, in advance, your arrival time and we will pick you up. Mr. Meyer estimates cabfare to White Salmon at \$6 - 7.

VETERINARIAN/KENNEL

One facility, located 2 - 3 miles south of Hood River via 12th. St. (same road goes to airport). Address: Hood River Veterinary Service, Drs. Moser and Morse, RFD 4 Box 186, Hood River, OR. Phone (503) 386-1566.

PUBLIC ACCOMODATIONS

General:

For all who wish, we strongly recommend camping at the convention site. Facilities are excellent, though trailer hook-ups are not available. The average monthly precipitation in this area for August is 0.12 inches (none of that is snow!), and the average temperature for August is 64.9 degrees, day and night, with nights cool and days quite warm. Humidity is almost always very low here in the summer.

However, for those desiring commercial accomodation, this information is provided. White Salmon has one hotel, no motels, and no tourist trailer courts. About a mile down the hill from White Salmon, in the small town of Bingen (on the Columbia River), there are two motels, neither of which expect to have much

space available in August. So most motel people will have to plan on going to the city of Hood River, located across the Columbia River via toll bridge (50¢ each way per car or pickup, no passenger charge). Hood River has two hotels, nine motels, and five trailer courts. Advance reservations, where possible, would be advisable, August being the tourist season. The less expensive facilities are likely to be taken at this time by transient farm labor, as well.

Prices are those quoted recently for August, but may change.

WHITE SALMON (Washington, Zip Code 98672)

Hood View Hotel. Phone (509)-493-2335

Mgr. assures us that about 14 units could be available if notified in advance. Prices: \$6.00 single, \$7.00 double with private shower, \$1.00 less without. Building and unit looked clean and solid, no frills, a good bet for economy and handiness. Reservations accepted with advance money only.

BINGEN (Washington, Zip Code 98605)

City Center Motel. Bx 14. Phone (509)-493-2445

Total of 9 units, 2 that would handle six people. Prices: \$7.00 single, \$8.00 double, w/o cooking. Cable TV, no children. Congested location (noisy), probably only one or two units will be available. Would rate fair, but since no advance reservations, you decide.

Gateway Motel. Phone (509)-493-4524 or 493-2442

Total of about a dozen very modest cottages. Doubtful if more than 1 or 2 would be available if that. Would rate poor, but might be bargain priced. No reservations.

HOOD RIVER (Oregon, Zip Code 97031)

Hood River Village. Phone (503)-386-2200.

A large deluxe facility located at the south end of the toll bridge on the river bank. Total of 64 rooms. Prices: \$21.00 double on river side, \$17.50 double on mountain side (highway side), \$3.00 additional per person to maximum of 2 extras, with children under 12 free. A single is \$13.50. Swimming pool, gift shop, restaurant, cocktail lounge, etc. The place to stay if you're not on a budget. Reservations accepted without deposit, but you will be billed for one night if you don't show and haven't cancelled 24 hrs. prior.

Meredith Gorge Motel. 8082 Westcliff Drive.

Phone (503)-386-1511. Total of 21 units. Prices: \$9.00 single, \$11.00 double, \$2.00 extra for kitchen, a unit for 6 is \$20.00. Located on the brink of a cliff high above the river, all of the units offer a superb view. The units have phones, color TV, air conditioning, and free coffee. Would rate very good to excellent, especially considering price. Reservations about a month in advance preferred, with one day's fee as deposit.

Vagabond Motel. 8082 Westcliff Drive. Phone

(503)-386-2992. Total of 16 units. Prices: \$11.00 double, \$13.00 for twin beds, \$3.00 for an extra rollaway bed. TV but no air-conditioning. Would rate good to very good, Reservations same as Meredith.

Prather's Motel. 13th & Oak. Phone (503)-386-3566. Total of 7 units. Prices: \$9.00 double, \$12.00 for twin beds, a 2-bedroom unit for 4 is \$16.00, with a rollaway available. View of the river, air-conditioning, and TV. Looked very clean, would rate good. No reservations.

Paradise Motel. 13th & Oak. Phone (503)-386-2914. Total of 7 units. Prices: \$7.00 single, \$9.00 twin, \$12.00 for 2 double beds. Would rate fair to good. Will accept advance reservations with a \$5.00 deposit, require cancellations be 24 hours in advance

Spring Grove Auto Park. Route 4, Box 23, Phone (503)-386-3250. Total of 3 to 4 cabins will be available, 1 double, the rest singles. Price: \$5.00 per night. Would rate fair. Located at extreme west end of town via Cascade Street, a bit hard to find. No reservations.

Trailer and Camper Facilities in Hood River

Spring Grove Auto Park. (Details mentioned above) Possibly 3 or 4 trailer sites at \$2.00 per night.

Hood River Mobile Manor. Cascade Street. Phone (503)-386-2561. Possibly 3 trailer spaces at \$3.00 per night or \$15.00 per week. No outside bathroom facilities. Reservations acceptable without deposit.

Columbia Gorge Mobile Home Park. Cascade Street. Phone (503)-386-2635. Possible 3 or 4 trailer sites at \$12.00 per week, with electricity. (also some motel units of poor appearance at \$7-10 per night). No reservations.

NOTE: All the trailer sites in Hood River can be reached by turning west on Oak Street in the city center and continuing west onto Cascade Street. All but two of the motels can be reached along this route as well. The two motels on West-cliff Drive can be reached by crossing the freeway at the end of Cascade or by taking the first freeway exit west of the city (less than a mile).

While above ground temperatures are moderate, cave temperatures are not. The average temperature of caves in the convention area is 42 degrees. Some of the shorter, shallower, caves warm somewhat during the summer, but others, like Dynamited Cave, seldom warm up. Papoose Cave and other wet caves in the NW are usually in mid-30's. Woolens are essential for doing the wet caves, and a comfort during periods of inactivity in the dry caves.

1972 CONVENTION CALL

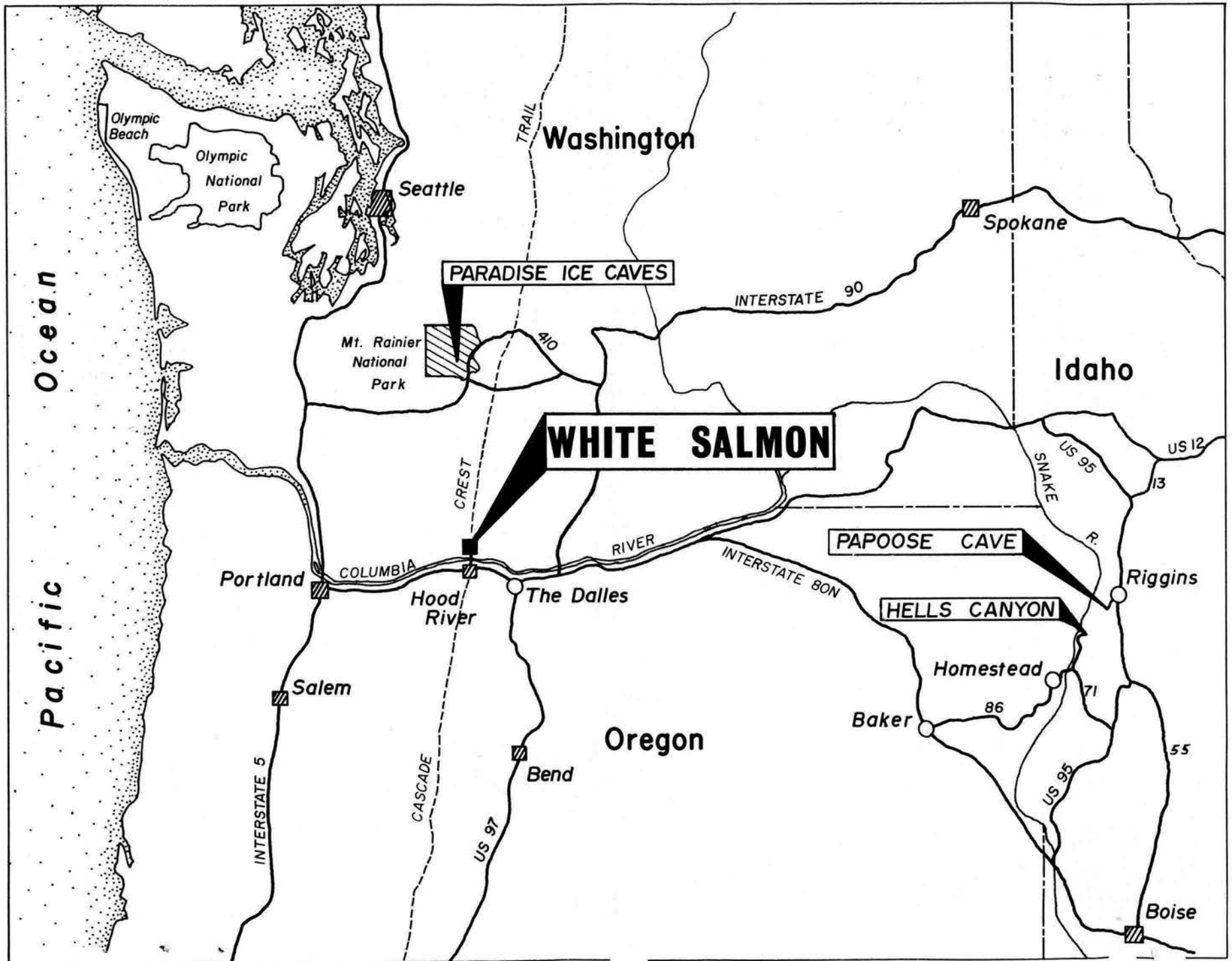
FOR PAPERS

The convention theme is centered on Vulcanospeleology. Other cave geology papers will be presented in the Geology Session.

Abstracts should be 250 words or equivalent and on one side of the paper only. Please specify what type of slides you will use and what type of projection equipment you will need. Also specify the time required for your presentation. Anyone wishing to present a paper should submit two copies of the abstract of the paper to the persons listed below.

<u>SESSION</u>	<u>CHAIRMAN</u>
Conservation	Rob Stitt (c/o Dennis Seekins) 8217 Roanoke Ave. Takoma Park, Md. 20012
Vulcanospeleology	William Halliday 1117 - 36th Ave. E. Seattle, Wash. 97102
Geology	William B. White 210 Materials Research Lab University Park, Pa. 16802
Biology	Chairman not confirmed, send papers to program committee, PO Box 1721.
Congress of Grottos (see NSS News, Feb. 1972)	Richard Rigg 901 Pittsburgh-McKeesport Blvd. West Mifflin, Pa. 15122
Board of Governors	Rane Curl Dept. of Chemical Engr. Univ. of Michigan Ann Arbor, Mich. 48108
Vertical Techniques (and related events)	William Cuddington 4729 Lumery Dr. NW Huntsville, Ala. 35810
Spelean History	John F. Bridge 206 W. 18th Ave. Columbus, Ohio 43210
General	Program Committee 1972 NSS Convention P.O. Box 1721 Vancouver, Wash. 98663
Photograph (papers only)	Program Committee (see above)
Safety-Rescue	Bob Brown 10022 39th Street Seattle, Wash. 97146
Legal (see NSS News, Feb. 1972)	Hugh Blanchard 1828 Alpha Ave. South Pasadena, Calif. 91030

DEADLINE - June 30, 1972



Vulcanospeleology

Keynote of the 72 Convention



A lava falls in Dynamited Cave

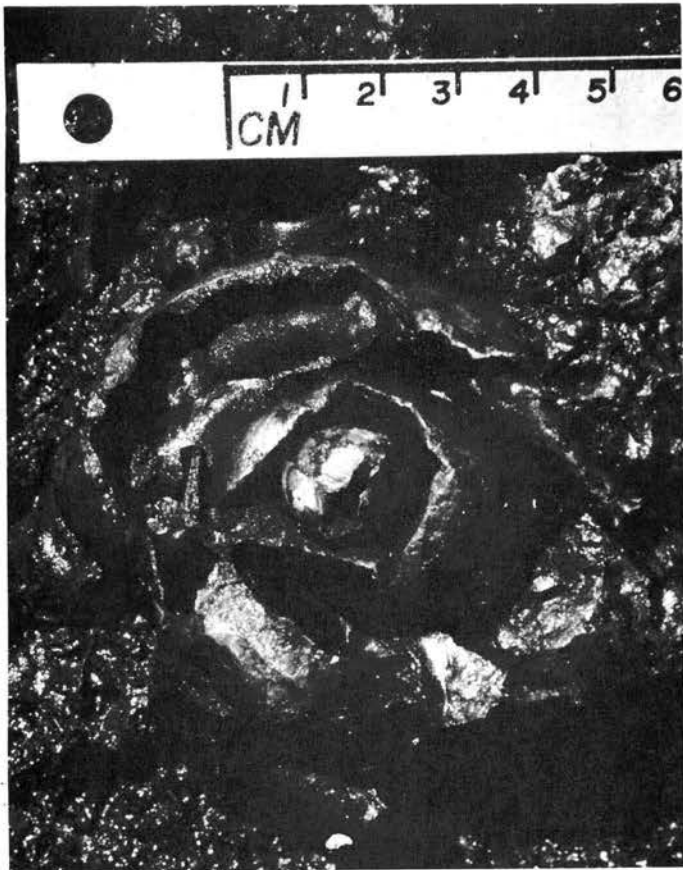
A special symposium is planned including descriptive and theoretical vulcanospeleology and its extraterrestrial applications. The proceedings will be published in a single volume after the meeting. It is hoped that papers to be presented will not only determine which is the largest lava tube cavern in the world, etc, but will permit standardization of nomenclature, classification and the like on a worldwide basis. Several papers have already been promised from the United States, Britain

and East Africa, but additional contributions are desired, ranging from those intended merely to provide the calcareospeleologist with a basic understanding of the caves he will visit during the convention, to complex theoretical proposals.

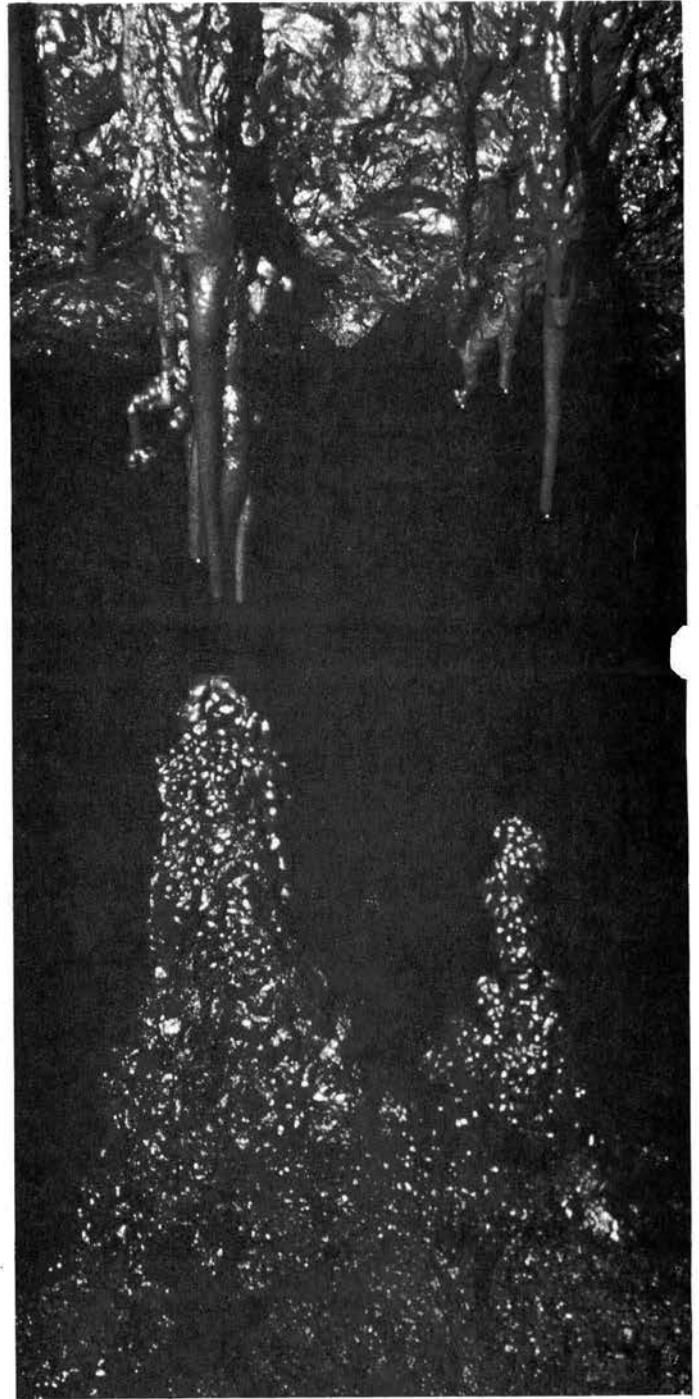
Send papers to: Dr. William R. Halliday
1117 36th. Avenue E.
Seattle, Washington 98102



"The Coffin" in Prince Albert Cave



Lava Rose



Real deceivers are these lava stalactites. The water drops at the end are approximately one centimeter in diameter.

White Salmon
Washington

National Speleological Society

August 12-19, 1972

REGISTRATION FORM
(Please print or type)

Pre-registration really helps
your convention committees -
AND, it saves you \$ \$ \$ \$ \$

Name _____ NSS No. _____

Address _____ Tel. _____

City _____ ZIP _____

Visitors to Papoose Cave must
be registered for Convention.

REGISTRATION FEES

No. of
persons

Total \$

Society member	postmarked before June 30	\$4.00 X		
	postmarked before Aug. 1st.	\$5.00 X		
	\$6.00 at desk.	\$6.00 X		
Member's family	\$1.00 less in each category (does not include guidebook)		X	
Children (under 12)		.50 X		
Non NSS members		\$8.00 X		

OPTIONAL

Get acquainted party (7:00 P.M. August 14th).	\$1.50 X		
Roundup Dinner last evening of convention	\$3.50 X		
(Children under 12)	\$1.75 X		
Campground at Headquarters: for convention week	\$4.00 X		
per day	\$.75 X		

Total
enclosed

OTHER ACCOMODATIONS

Public - make reservations directly, see Public Accomodations list.

Forest Service campground at Papoose Cave. Free campground at Hells Canyon.

Approximate dates of White Salmon arrival and departure: _____ Do you need transportation from
Portland terminals? _____

To pre-register send completed form and check
or M.O. to: Registration Committee
1972 NSS Convention
PO Box 1721
Vancouver, WA 98663

If you wish confirmation of registration,
or to arrange for transportation from
Portland, please enclose a stamped, self-
addressed, envelope.

SAVE \$ \$ \$ \$ \$ - REGISTER NOW

To aid the registration committee,
please print your name, exactly as
you want it on your name tag.
Include this information for all
persons you are registering for.

Name	Name
Affiliation or home state	Affiliation or home state

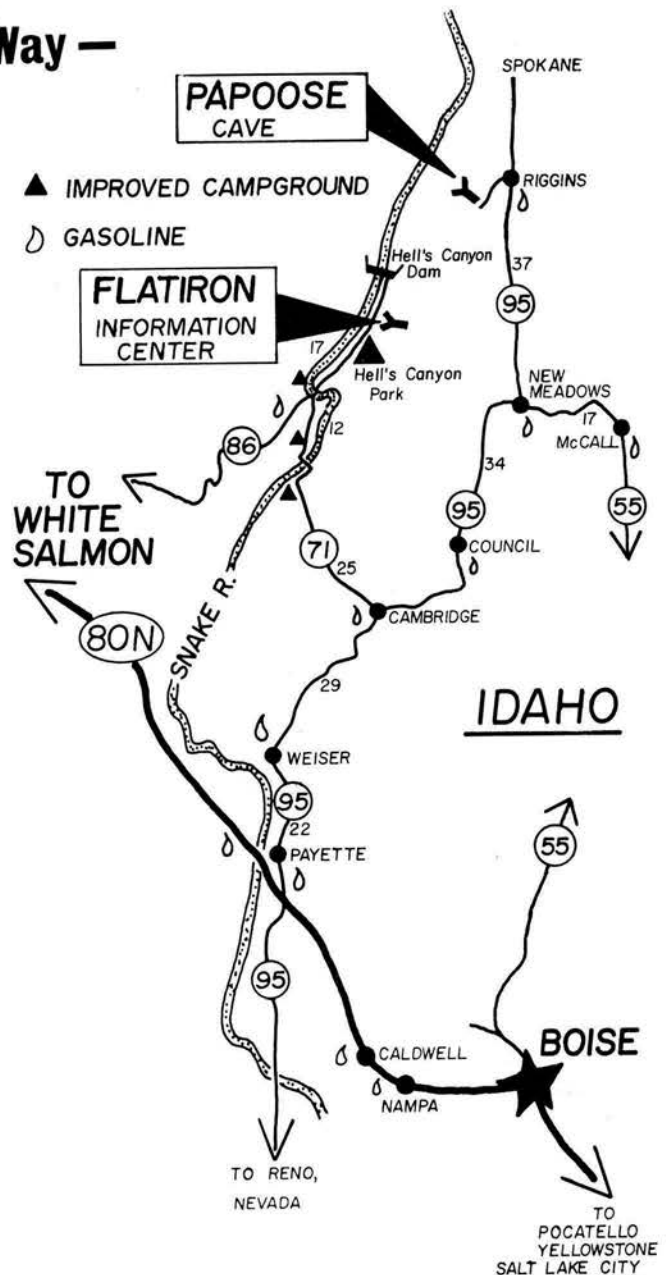
By The Way —

In addition to Papoose Cave, the Gem State offers another on-the-way attraction to cavers bound for White Salmon. The Flatiron area of Hell's Canyon offers a number of small, warm, well decorated caves to those not wishing to undergo the rigors of Papoose Cave. Guides and information will be available at the Flatiron (a body of Limestone with about 1000 vertical feet exposed).

For the vertically oriented caver, many unexplored openings, accessible only by rappel from above (up to 300 feet) or technical climbs from below are available. Most of the caves are reached via steep climbs up talus slopes, but are easily negotiated by older children. Child care will be available to those with small children.

Overnight facilities for campers include several improved campgrounds with hookups for camper rigs and toilet and shower facilities. Owned by Idaho Power and Light Company, the campgrounds are extremely convenient and well kept. There is no fee. The closest of these, Hell's Canyon Park, is only five minutes away from the Flatiron. Another camping area is available right at the Flatiron (where the information center will be set up), but there are no facilities and water will have to be obtained elsewhere.

The area is not far off Interstate 80 and requires only a minimum of backtracking for those coming from the east or from Papoose Cave.



Publication Sales

Each year at the National Convention various publications and equipment are offered through Publication Sales. As in the past, a wide selection of periodicals, books, equipment, etc. will be available to those attending the convention.

Materials for sale may be mailed to:

Publications Sales
1972 NSS Convention
PO Box 1721
Vancouver, WA 98663

-or delivered in person to White Salmon.

Time is of the essence. To assist the Publication Sales Committee, publications should be bundled, and a packing slip enclosed listing all contents and prices. Be sure to give name and address of seller and/or who the materials should be returned to. All unsold material not picked up at the end of the convention will be mailed to the sender at his expense.

A list of publications arriving before August 14th. will be provided.

Persons who desire display space for selling publications or equipment outside the Publication Sales room, should contact Jackie Buisman, 13599 S.W. 20th. Avenue, Beaverton, Oregon, 97005.

To avoid confusion, payment for items sold will be made at closing on the final day of the convention, except in cases of emergency.

Contests

Fellas, grow a beard for the convention !

One of the featured contests this year will be beard growing. Prizes will be awarded in several categories (see NSS News, Dec.71,p.147)

Other contests will be for Cave Ballads (NSS News, Jan.72,p.5), B.S. (Bull Shooting), Four Wheel Drive, Vertical, Cave Fashions and others.

We'd love to have each Grotto donate some gift for a prize. Got any ideas ?

Jackie Buisman
Contests, Exhibitions, Prizes
13955 S.W. 20th.
Beaverton, OR 97005



FURTHER INFORMATION ON BATRABIES

In response to your telephone inquiry about breeds of bats found rabid in this state, and examinations of bats done prior to 1960 (first tabulation of such matters in Washington state - W.R.H.), I have inquired of the laboratories of our Health Sciences Division and of the Seattle-King County Department of Public Health. The Seattle-King County Laboratory has no records of numbers of examinations of bats done prior to 1960, nor any records of types of bats examined since that time.

The Health Services Division Laboratory has advised us that during the period 1955 through 1959, 3 bats were examined. All of these were of course negative. As I said on the phone, I am sure the detection of a rabid bat in this state for the first time, in 1960, called attention to the hazard and stimulated an increased number of examinations from then on. No records are available of numbers of bats, if any, examined prior to 1955.

The Health Services Division Laboratory further informs us that almost all the bats they examine are *Myotis*, with a few *Eptesicus*, a few silver hair bats (*Laronyderus*) and once in a long time, a big-eared bat. They recall that brown bats and silver hair bats have been positive. However, genus of bats examined, whether the result is positive or negative, is not routinely recorded.

---Byron J. Francis, M.D.
Head, Epidemiology Section
Health Services Division
Dept of Social & Health Services
April 18, 1972.

WHEN IS A SPELEOLOGIST?

The question arises from time to time: when is a cave a speleologist? There is so much overlap that this is not easy to answer clearly, but I recently encountered an item in a 1970 book published by Western Reserve University Press which bears on the matter:

"...The scientist defines a problem clearly, separates multifarious problems into their individual components, and clarifies their relationships with each other. He records data in a communicative and standard form and ultimately accepts an audit from objective peers in seeking publication in a journal...he proceeds to a new problem, completes his research on it, prepares his report, and submits it for publication to a journal whose editors exercise the right to establish standards of form and content and may require him to rewrite his paper several times. As a consequence, he develops a respect for order, logic, and consistency and cooperates with his critics without feeling that his creativity and originality are jeopardized by their guidance. It would not occur to the scientist to protest to the editors that there is much "art" in his laboratory work that never can be recorded and that the editors have to see him at work in order to fully appreciate him."

MEMORIAL DAY PREPARATION OF
PAPOOSE CAVE ---George Huppert

The following is a list of jobs that need to be done at the camp and in the cave prior to the pre-convention trips. Select one (or more) that you can commit your group to do, and let me know as soon as possible. Also let me know of any other job that you think needs doing.

1. Clean up the campground. Clear out some brush for more tent sites. Cut a load of firewood. It might be best to leave the ~~last~~ item to a later date so that it will not be used before August.
2. Map from the Millrace Room to the Siphon. It would be nice to have other areas mapped but this is #1 priority.
3. Clean out debris from the cave and put in some #10 can carbide dumps. This last is questionable.
4. Divert the waterfall at the 35 foot drop. This must be done in order to avoid a bottleneck if we depend on the dry drop.
5. Work on the trail. Cut out logs that cross the trail (we need a chain saw) I have a 20' metal ladder that we can put on the short cliff at the bottom of the trail before you take the sharp turn to go to the climb down the dead tree. This will save about 100 yds. of walking and the nastiest part of the trail. We should put in some steps on the steep slick part of the trail lower down near the cave and just above the rockshelter. The last are not necessary but would be nice and they are fairly easy to make.

Cascade Grotto of the
National Speleological Society
1117 36th Avenue East
Seattle, Wash. 98102



*Windy City Speleologists
c/o Moxon*

5035 N. So. Drexel Blvd

Chicago Ill

60615