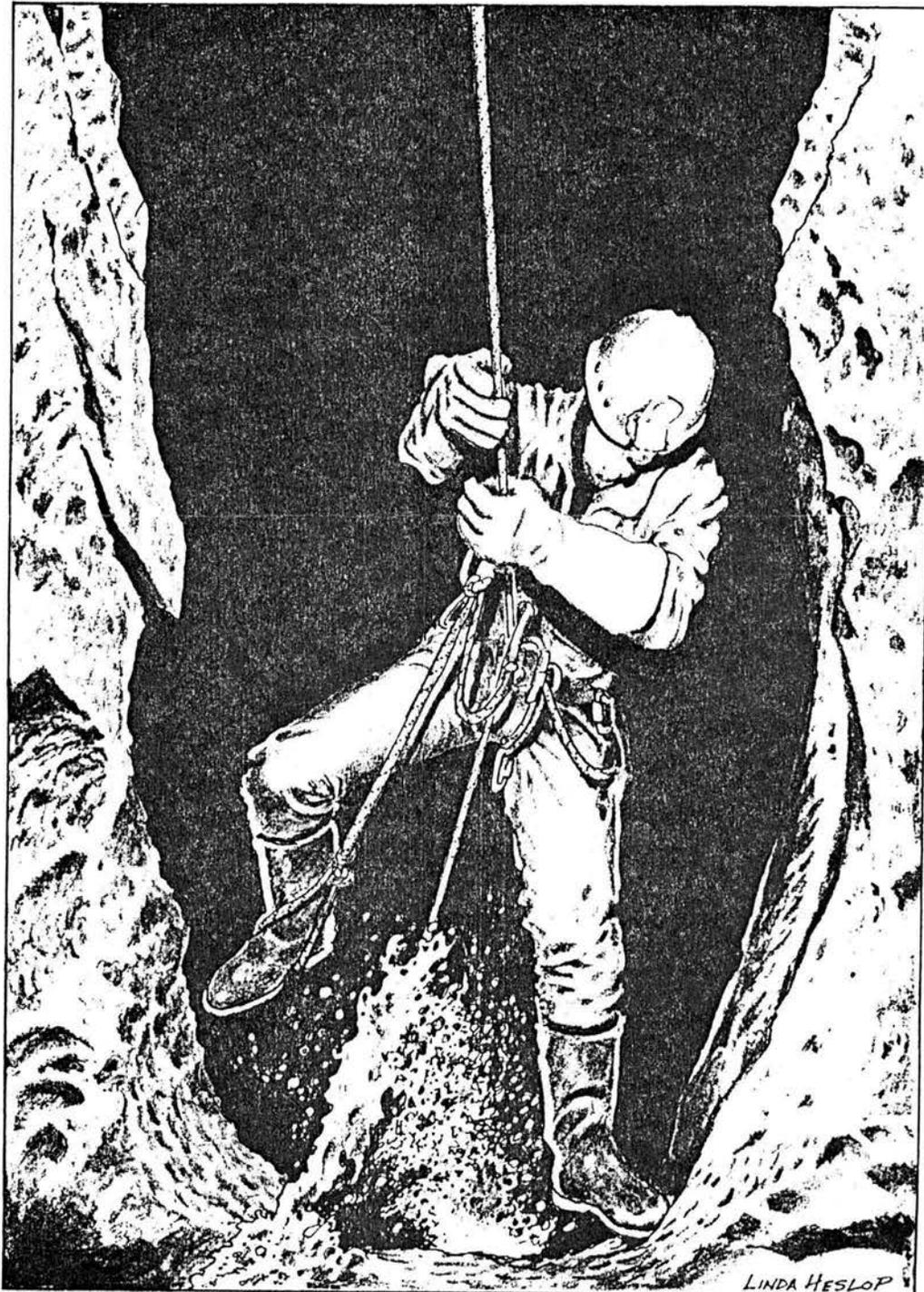


The Cascade Caver

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CASCADE CAVER

The Cascade Caver is published 10 times a year by the Cascade Grotto, a member of the National Speleological Society. All correspondence should be sent to: The Cascade Grotto, P.O. Box 75663, Seattle, WA 98125-0663.

Meetings: 7:00 pm on the third Friday of each month at the University of Washington, Room 6, in the basement of Johnson Hall.

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Dues: Membership in the Cascade Grotto including subscription to the Cascade Caver is \$7.50 per year. Dues for additional family members is \$1.50. Subscription to the Cascade Caver only is \$7.50 per year.

Please note the date on your mailing label that indicates when your dues expire.

Overdue: David Becker 1/88, Dan McFeeley 1/88

Due: Jeff Forbes 2/88, Al Lundberg 3/88, Bruce Donohue 3/88, Thad Hahn 3/88,
Jim Harp 3/88, Shaun Larson 3/88, Mark Wilson 3/88

Coming Up: Roger Cole 4/88, Richard Smith 4/88, Gerry Thompson 4/88,
Randy Vance 4/88, Richard Walter 4/88, Bob Brown 5/88, Peter Carter 5/88,

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Cover: This month we see Simon Raven in Tatam Wife Hole, England, curtesy of Dave Elliot and drawn by Linda Heslop, Victoria, B.C.

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Upcoming Events

Here is an extra-large upcoming events section, courtesy of the March trip-planning meeting. Note that the trips for later in the year are mostly proposals. Anyone with other trip ideas or who would like to organize one of the proposed trips is welcome to contact Jim Harp, grotto trip coordinator, at 745-1010.

Mar 18	March Grotto Meeting.		Regional. Contact Jim Harp or Jerry Thompson.
Apr 15	April Grotto Meeting.	May 20	May Grotto Meeting.
Apr 22-24	Mt. St. Helens. Meet 10 am Saturday at the Lava Cast Picnic area. Plan to do Lake, Little Red River, and maybe Gremlin on Saturday. On Sunday Prince Albert and Dollar & Dime. An easy trip with no vertical experience required. Trip leader: Mark Wilson, 285-5724.	May 27-30	Northwest Caving Association Regional meet on Vancouver Island. See details in this issue.
May 15	Vertical practice. Dust off your vertical skills in anticipation of the	Jun 10-12	Jerry Thompson wants to get into the new stuff in Dynamited Cave near Trout Lake. This trip would be for experienced vertical cavers only but there are other caves in the area if other people want to go along.

Contact Jerry Thompson at the grotto meetings or via Jim Harp for details.

Jun 17 June Grotto Meeting

Jun 18 Proposed trip to Windy Creek Cave. Anybody interested?

Jun 27-Jul 1 NSS Convention at Hot Springs, South Dakota.

Jul 2-9 Northwest Cave Research Institute work week at Jewel Cave in South Dakota. Project Coordinator: Steve Sprague, 652-6489.

Jul 8-10 Mt. St. Helens upper south-side caves and northern pyroclastic deposits. This access permit includes going to the top of the glaciers. You will need to sign a permit form well in advance if you were not on a previous permit. Trip leader: Dr. Halliday, 324-7474.

Jul 15 July Grotto Meeting.

Jul 16-17 For something different, here is a proposed over-nighter to McLaughlin Canyon in eastern Washington. This is a fun block-fault system and not limestone or lava. Trip leader: Jerry Thompson.

Aug 5-7 Proposed trip to Vancouver Island led by Mark Wilson. Vertical experience will probably be necessary.

Aug 12-14 Backpack, ridge walk, and cave hunt on Monument 48 near the Canadian border. Trip leader: Dick Garnick, 671-1066.

Aug 19 August Grotto Meeting.

Aug 20-21 Proposed trip to Cave Ridge. Some of us haven't been there in a while.

Aug 27 Proposed day trip to caves in the Concrete area.

Sep 2-5 (Labor Day) Papoose Cave in Idaho, in conjunction with Gem State Grotto outing there. Experienced vertical cavers only. Contact Jim Harp or Jerry Thompson.

Sep 2-5 Proposed trip to Gardiner Cave in the northeastern corner of Washington and to Cody Cave near Nelson, B.C. These are pretty but fairly easy caves for those not interested in Papoose.

Sep 16 September Grotto Meeting.

Sep 24-25 Overnighter to Monument 48 led by Dick Garnick.

Oct 1 Day trip to Windy Creek with special invite to Oregon Grotto members, organized by Jim Harp.

Oct 14-16 Trout Lake area. Mark Wilson will lead a trip to Dynamited Cave in particular which will require vertical experience.

Oct 21 October Grotto Meeting.

Oct 22 Proposed day trip to Cave Ridge, weather permitting.

Oct 29 Anyone for a grotto Halloween party?

Nov 18 November Grotto Meeting. Nomination of 1989 officers.

Nov 19 Day trip to Lizard Lake Talus Cave. Trip leader: Rod Crawford, 543-9853.

Nov 24-27 Anybody interested in a Thanksgiving Holiday cave trip???

Dec 10 Grotto Christmas Party.

Dec 15 December Grotto Meeting.

Meeting Notes

The February 19 grotto meeting was attended by 12 members plus 7 non-members.

Mark Wilson requested that the date of the trip-planning meeting be changed. March 8 was chosen (only to have the meeting held on March 7 by mistake.)

Nobody seemed interested in a potluck/swap-meet in the near future so that idea was dropped.

The NCA Regional on Vancouver Island was discussed but no details were available. (Info has arrived and is included in this issue).

Larry McTigue reported that the grotto library currently contains about 3 dozen books but a lot of them are for younger readers. A few are geology books. A motion to put \$10 per month into a book fund was tabled in favor of circulating a list for suggested acquisitions and having the librarian make quarterly funding requests for specific items. The Caver was requested to print the library book list in the near future.

The National Cave Rescue organization (NCRC) has a newsletter which Jim Harp has started receiving. He intends to have it changed to the grotto address.

Mark Wilson has been contacted by an organization preparing a resource guide to outdoor groups. They would like a two-paragraph blurb about the grotto.

A motion was passed to renew the grotto membership in the Northwest Cave Research Institute. The NCRI dues have been cut in half to \$50 this year. An invitation was made to grotto members to participate in the Jewel Cave project this coming summer.

Various members reported on the recent trip to Dynamited Cave. (See trip report in this issue).

Larry McTigue showed an NSS slide show of the Casteret Ice Caves in France. Larry Rawlins followed with slides of the Alberta Speleofest near the British Columbia border.

Northwest Caving Association Regional Meet

This year's Regional will be held at Camp Gordon, Cowichan Lake, Vancouver Island, on the weekend of May 28/29. The Gordon River area offers a number of caves. Some of the more often visited ones include Easter Cave (about 100' entrance pitch), Letterbox (70' pitch), Cascade-Watergate, Hourglass, Stream Cave (dive the sump!), Wolf Creek Cave, Mudslick, and Whiskeyjack. Numerous other caves have not been visited since the mid 70's and await

rediscovery in the second growth forest. Nearby Nixon Creek also awaits the rediscovery of Rip Cave, Pip's Pot, The Dungeon, and about 10 more.

Directions: From Duncan take Hwy 18 to Lake Cowichan and follow the south shore of the lake to Honeymoon Bay. Just past Honeymoon Bay the pavement ends. Make a sharp left turn and then turn right onto a very good logging road. Follow this road southwest for 15 km and you're there. Look for pie plates at the end of the pavement and watch for logging trucks during working hours.

Camping: The B.C.F.P. has kindly allowed us the use of a site adjacent to their heli-pad, this area is flat and level for campers, tents, and trailers. Other than this, facilities will be primitive.

Registration: There will be a registration fee of \$5.00 per individual or \$8.00 per family.

Schedule: This schedule calls for as much caving, scouting and partying as you can possibly stomach (ie. it's up to you). No formal dinner is planned but the N.C.R.I. chuck wagon will be offering breakfast for \$3.00 and supper for \$5.00. An auction of caving gear is intended so bring anything you may have. The possibility of new equipment being on sale exists also. Bring your vertical gear, slides etc. The board meeting and slide show will happen when time permits. This is your chance to meet old and new friends and find out what's going on in the northwest so BE THERE!

For further information call Linda or Graham Heslop at (604) 595-3259.

Wind Cave Trip Report

by Jim Pisarowicz, WICA NPS
submitted by Shaun Larson

Date: December 9, 1987

Cavers: Bob Kobza, Shaun Larson, Jim Pisarowicz

Duration: 11 hours

When the Bagel Hole was discovered on the 2nd of November the explorers began surveying a large passage to the east at the bottom. A less inviting lead was noted going west. This trip began by travelling to the Bagel Hole, climbing down the drop, and heading off into the crawls to the west.

These crawls soon opened into chambers that were fairly large but only 3-5 feet high. These rooms were coated with spectacular displays of aragonite frostwork, some clusters being 4-5 inches in diameter. A small crawl was then encountered having a purple coating on the floor and walls which is probably a

manganese compound. Because of the coloration we called the passage the Purple People Eater.

The Purple People Eater opened up and almost immediately closed down again to a tight squeeze. We named the squeeze the Slide-In and it lead quickly to spacious passage 25 feet wide and just high enough to walk through. Unfortunately, the passage soon connected back into Half-Mile Hall, a common occurrence in this part of the cave.

Frustrated by the unwanted connection, we went back to a small lead by the Slide-In. This small crawl was called Slide-Out and before we knew it we were heading north and away from Half-Mile Hall. Shaun entered this passage first so we named it the Shawnee Path. It is coated with a gypsum luster and an abundance of frostwork.

At one point Shaun and Bob were checking leads and they both returned to say that their respective leads went. Bob convinced us that his lead was the way to go and we were off into the Porcelain Passage. This passage was entered through a round hole coated with white frostwork, gypsum, and moonmilk. This totally white passage soon opened into a large room (60 feet in diameter) which we called the Right-On Room because of Shaun's exclamation to Bob about the find.

There were many large leads from the Right-On Room. One was over 20 feet wide which we did not even check. The main trend that we had been following had leads going off right and left so we decided to continue that. We were in caver heaven and named the passage Seventh Heaven.

One of the side leads going west of Seventh Heaven was pushed and mapped. This was another incredibly "frosted" passage with frostwork covering nearly everything, so much that we had difficulty moving through the passage and had to curtail exploration. We called this area the Cactus Patch because of the sharp-pointed nature of all the frostwork.

We mapped 1027 feet on this trip and the number of leads in this area is really amazing. After three trips into the area we have mapped 2/3 of a mile, pushed the cave past the 51-mile mark, and have moved Wind Cave from the 8th to the 7th longest cave in the world.

Incident on Talus

John Clardy

February 6, 1988, I hiked up the Oyster Creek Trail into the low cloud surrounding Senger's Talus Cave. Recent rains had left many a rivulet to ford along the way. I reached the cave site at 2 pm intending to service the register station and photograph portions of the cave.

Half a roll of film later, while walking on the surface to the Lost Lamp Lake access, I saw three young men bouldering on a high precipice. While I watched, a free-climbing lead lost his foothold and swung out to hang from one fist jamb. That hurt. Kicking feet quickly hooked a secure fissure but the climber yelled that he couldn't continue. The second man up could not assist. The third dropped in front of me and with myself in close pursuit raced around to a belay position with seventy-five feet of kernmantel.

I hurriedly introduced myself and offered to belay. The man put on a banana seat sling while identifying himself as Miles Bandy (20, Vancouver), Glennie Gordon (19, Vancouver), and the luckless companion, Charles Beaumont (19, Sunnyside).

Miles tied on with a 'biner and allowed some ten feet of slack to hang below. I had tied in using two natural anchors and a coil bowline for myself. Miles reached Charles quickly while Glennie called up reports because I was unable to see both from my belay position. I was soon lowering Charles who was standing in a foot loop made for him. I was happy that both men didn't have many pounds between them.

After coiling the rope again I joined the trio below. Charles had his left hand in a bandage and his arm tied to his chest. He was in a little pain but didn't believe he had done more than twist his wrist. They were going to visit a hospital ER after returning home. I gave them my address and am expecting a card from Miles. I heard Glennie remark as they prepared to depart, "Let's hope the bugger walks better than he climbs, eh?"

Soon after they vanished into the mist and I remembered my camera. Cussing loudly at missing an outstanding photographic opportunity, I went on to enter the lower cave. I signed out at 4:30 pm but before leaving the talus I noted seven flashlight cavers scampering through the rocks. I didn't feel up to interacting with them and departed quietly.

Sea Caving in San Francisco

William R. Halliday, M.D.

Cavers with a little extra time visiting San Francisco may enjoy investigating Sea Cliff Cave, just south of the famous Cliff House. Apparently a rear entrance to this littoral cave has opened or has been opened up in the comparatively recent past.

When the cave report was received for the Caves of California in the 1950s, the only entrance mentioned was at the base of the sea cliff. When I checked it on October 24 1987, visitors were freely scrambling in and out a gaping west-facing chimney entrance near the rear of the cave.

It led into a low, spacious room with a narrow seaward entrance. No part of the room was in deep twilight. On the north side of the entrance was a narrow passage that led north then east for a few meters into what may have been total darkness and was certainly very deep twilight. Take a flashlight and go at low tide.

I visited this cave at low tide on a calm day and do not know how much is filled at ordinary high tides. Storm waves appear to fill the entire cave and may make the rear entrance into a blow-hole. I suspect that wave conditions are deceptive during incoming tides and worse in even minor storms. Observations should then be made only through the new rear entrance.

This entrance is easily seen while walking up the sidewalk toward the Cliff House from the parking areas along the beach. It is nearly at the south end of the rock out-crop on which the Cliff House is built and is easily reached by scrambling up the south end of the outcrop and hopping across a couple of fissures.

Dynamited Cave

Alan and Tina Coakley

Date: February 13, 1988

Cavers: Alan and Tina Coakley, Jim Harp, Robert Jared, and Gerry Thompson.

Duration: 8-1/2 hours.

We arrived at Trout Lake late on a blustery Friday evening to find the accommodations at the Trout Lake grocery superb and reasonably priced. We

had expected linoleum and got carpet and wallpaper. For future reference, they have three rooms with varying accommodations. The double and singles ran \$20 per night.

We left for Dynamited Cave early Saturday morning and found that the snow made the area look quite different from the previous visit. The weather was fairly warm for this time of year but there was enough snow for cross-country skiing and snowshoeing to the cave. We feared that the entrance might be blocked with snow but this fear was unfounded. After stashing our ski gear at the entrance we proceeded down the main passage.

Two of us were relatively new to caving and these descents with vertical gear in a cave were our first. Our recent practicing certainly paid off.

No one had difficulty descending. We were all relieved on reaching the 55-foot pit to find that the plank, retrieved up from the bottom last fall, was still positioned just where we wanted it. If the plank had been out on flat, solid ground we could all have run across it with our eyes closed but knowing that it was covered with cave slime, tilted at a slight angle, and suspended over a 55-foot drop made it more interesting to observe how we each approached it. Rigging up protection helped lessen our fears and some walked, some kneeled, and some straddled the plank. We all rappelled the 25 feet into the Ballroom.

Several upper level passages could be seen throughout the cave. Gerry was really wanting to explore one of these but without a scaling pole we couldn't get to it. Another trip, perhaps. They sure looked enticing.

At the bottom of the cave there was quite a lot of water pouring down the sides of the cave. It has been referred to as a waterfall but with the lack of water this past year it was just a stream. There was a stream of water on the floor and red lava at the end making it very colorful compared to the rest of the cave.

We all experienced some difficulties on the way out with the lips of some of the pitches but we all managed to work our way up. The large amount of breakdown in this cave gave us a vigorous workout and we were all pretty tired by the time we reached the entrance.

The snowing had stopped and it was after dark as we exited the cave and began skiing and snowshoeing by the light of our headlamps back to the vehicles about a mile away. The air was still, the stars were out, and the trees were laden with snow.

It was an invigorating and beautiful way to end and adventurous day.

The following morning we checked with the Forest Service and found that most of the roads to the other caves in this area were closed by snow. We were able to trek through the snow to JaR Cave and spend a couple hours there, however.

Jim and Gerry explored an adjacent sink and found a room filled with ice and ice crystals while

the rest of us skied in the sunshine.

All of us had an enjoyable time, but as new cavers we appreciate the help and support of the Cascade Grotto members on this trip, made new friends, and look forward to many more trips with the grotto.

Additions to the Map Library

In addition to the maps listed last month the grotto map library also includes the following maps donated by Bill Halliday in the last year.

Washington Topo

48/120 Mt. Logan 7.5'
 48/121 Eldorado Peak 7.5'
 48/123 Stuart Island 7.5'
 46/121 Mt. Rainier Nat. Park (15'X30') 1955

British Columbia Topo, mostly late 1950s

1:125000 series

Cranbrook	Bute Inlet
Canal Flats	Invermere
Lardeau	Hope
Mt. Assiniboine	Alberni

1:50000 series

Chilliwack	Sidney
Victoria	Sooke
Horne Lake West	Horne Lake East
Shawnigan West	Duncan West
Cowichan Lake East	Cowichan Lake West
San Juan East	San Juan West

Oregon Topo, mostly from 1950s

42/123 Gold Hill 15'
 Ruch 15'
 Grants Pass 15'
 43/121 Paulina Peak 7.5'
 44/117 Olds Ferry 7.5'
 Olds Ferry NW 7.5'
 Huntington 15'
 Durkee 15'
 44/121 Sisters 15'
 Broken Top 15'
 45/116 Homestead 15'

Historic 30' Topo Quadrangles (flat, not for field use)

Snoqualmie Pass, WA	1901
Mt. Rainier, WA	1924
Cedar Lake	

Geologic Maps

Quaternary Basalt Flows between Mt. St. Helens and Mt. Adams, Draft report, 4 sheets, 1972

1988 NORTHWEST CAVING ASSOC. REGIONAL MEET

MAY 28-29 AT CAMP GORDON

