



THE CASCADE CAVER

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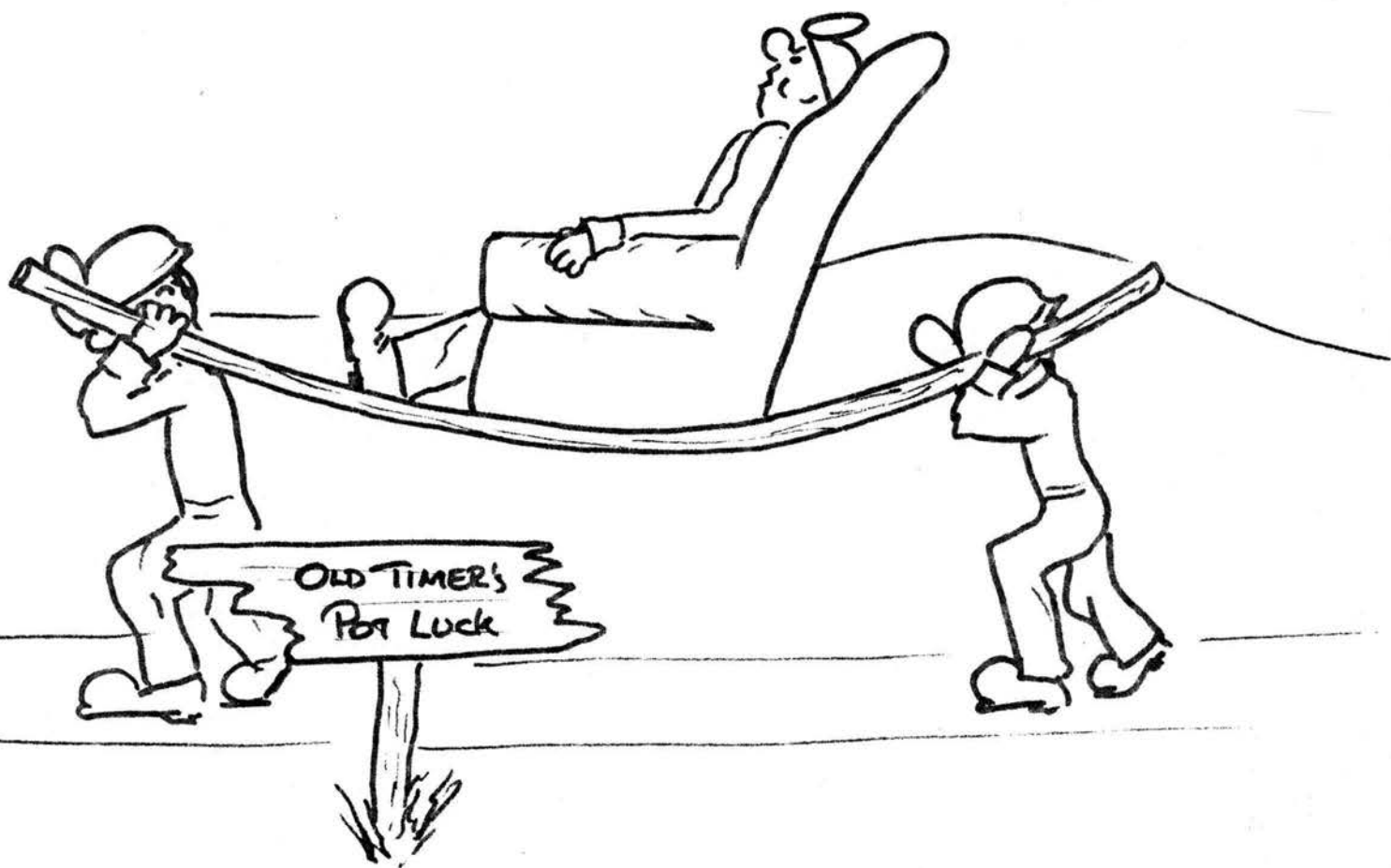


Volume 17 No. 11-12

Editor: Rod Crawford

"November-December 1978"

Published March 1979



FOR DETAILS ON THE OLD TIMERS' POTLUCK AND SPAGHETTI FEED

TUESDAY, MARCH 20TH

SEE WITHIN, PAGE 57

THE CASCADE CAVER is normally published ten times per year by the Cascade Grotto of the National Speleological Society. Subscription rate is \$4.00 for one year's issues. Full grotto dues are \$4.50, and family memberships (not including subscription) 50c. All payments should be made to Grotto treasurer Chuck Coughlin, 6433 S. 127th Place, Seattle WA 98178.

CASCADE GROTTO STORE

Storekeeper: Chuck Fair

Route 1 Box 155B, Eatonville WA 98328, (206) 832-3651

Construction hardhat (with lamp bracket & chin strap)	\$10.00
Gloves (waterproofed cotton)	1.65
Chin strap	1.10
Kneepads (Judson Rubber)	4.95
Side packs	1.65
Cyalume Lightsticks	1.50
Emergency storm shelter (Plastic)	1.40
Carabiner, standard D	4.35
Carabiner, Locking D	5.27
Jumar ascender	26.40
Gibbs ascender (quick release)	16.45
Brake Bar	1.49
Justrite Electric Headlamp	7.50
Justrite Carbide Lamp Tip	.30
Justrite Reamer	.25
Justrite Hexnut	.10
Justrite Striker	.90
Justrite air cooled grip	.45
Justrite reflector with Striker 4"	2.30
Justrite Reflector with Striker 2 1/2"	1.95
Premier Carbide Lamp Tip	.30
Premier Wing Nut	.55
Flints	3/10c
Gasket	.25
Felt	.10
Felt Holder	.50
Foam "O" Ring	.10
Striker Spring	.15
Caves of Washington	4.00

EQUIPMENT RENTAL

At present the equipment rental supplies consist of hard hats, lamps, and side packs. Any profit from rental fees will be used to purchase more rental equipment. Chuck Fair is equipment rental manager and you can contact him at his home (see above) or at grotto meetings.

Equipment Rental Fees:

Hardhat, lamp, and side pack: \$2.00/weekend, \$6.00/month

Note: a deposit of \$10.00 will be required of non-grotto members.

Anyone having any worn or unwanted caving equipment is invited to donate it to the Grotto. It will either be rented, sold in the store, or auctioned off. Also, anyone finding any bargains for things the store needs (like coveralls), or having any suggestions, please contact Chuck and tell him about it.

TRIP REPORT CONTEST

An anonymous person has donated \$20.00 to a cash prize fund for the best trip report printed in these pages this year. The rules are as follows:

1. A trip report is a narrative of a caving or cave scouting field trip. It must specify the date, people involved, and cave(s), if any, visited.
 2. The editor reserves the right to make minor changes in any report before publication.
 3. To prevent possible hoaxes, reports on totally secret caves (those known only to the author) are inadmissible.
 4. All reports printed from December, 1978, through November, 1979 will be judged jointly by the editor and the chairman, who will select three reports by three different authors.
 5. At the December, 1979 meeting, the membership will vote among these three for the winner; its writer will receive the prize.
- Any other person wanting to contribute to the prize fund is welcome to do so (contact the editor).

CASCADE GROTTO 1979 OFFICERS

Chairman: Bob Brown (206) 569-2724
 P. O. Box 2, Elbe, Washington 98330
 Vice-Chairman: Bill Halliday 324-7474
 1117 36th Ave. E, Seattle, Washington 98112
 Secretary-Treasurer: Chuck Coughlin 772-1170
 6433 S. 127th Place, Seattle, Washington 98178
 NWRA Representative: Bob Brown

Chairmen of Standing Committees:

Membership	Bob Brown
Cave Register & Information	" "
Fund Raising	" "
Safety	" "
Conservation	" "
Cave Resources	Rod Crawford
Visual Aids	" "
Program	Chuck Fair
Field Trip Coordinator	(vacant)

LONG RANGE FIELD TRIP SCHEDULE

March 24-25. Grotto trip to Mt. St. Helens lava tubes, featuring Ape Cave. Contact Bob Brown.

May 19-21. Speleolympics, Gordon River, Vancouver Island.

July 4th weekend. Possibly NWRA convention at Trout Lake, Washington.

July 29-August 4. Cave Rescue Seminar, Albany, New York.

August 5-12. NSS Convention, somewhere in New England, featuring papers on talus and tectonic caves.

September 18-23. 6th Conference on Karst Hydrology and Speleology, Ely, Nevada (Desert Research Inst.)

WANTED: FIELD TRIP COORDINATOR

The Chairman is looking for a member in the Seattle area to become Grotto Field Trip Coordinator. It's not even necessary to be an active caver. The field trip coordinator acts as a clearing house for trips.

Here's how it works: A person planning a trip calls the trip coordinator and gives the needed information--area to be visited, campsite, departure time, duration of trip, return time, person to be contacted. Then any interested member who is looking for a trip to go on, simply calls the trip coordinator and asks for information about any planned trips. This can also act as a method of notifying a responsible person of your return time, so that if you have a problem someone can watch out for your interests. At one time the grotto had a trip coordinator and it worked very well.

GROTTO MEETING AND PROGRAM SCHEDULE

The Cascade Grotto meets on the third Tuesday of every month at the home of Dr. William R. Halliday, 1117 36th Ave. E., Seattle, starting at 8:00 PM. This year's scheduled meeting programs are as follows. Anyone wishing to enter a substitute program please contact program chairman Chuck Fair in advance, (206) 832-3651.

March 20, 1979 Program:
 Movie, "Cave of the Winding Stair".
 Also: Spaghetti Feed (6:30); Equipment Show & Tell.
 April 17, 1979 Program:
 Slide Show, "Into the Depths of Fern".
 May 15, 1979 Program:
 Slide Show, "An Introduction to Northwestern Vulcanospeleology".
 June 19, 1979 Program:
 Slide show, "Mystery Hole, Tennessee".
 July 17, 1979 Program:
 Slide show, "Utah Caving".
 August 21, 1979 Program:
 Slide show, "Gwolk Show".
 September 18, 1979 Program:
 Slide Show, "Papoose Cave, Idaho".
 October 16, 1979 Program:
 Slide Show, "Caves of Oregon".
 November 20, 1979 Program:
 Film Strip, "Exploring the Sacred Mayan Well".
 December 18, 1979 Program:
 Slide Show, "Caving Safety".

COMING EVENTS

Saturday, March 10th. Senger's Talus Cave for mapping, exploration, etc. If it rains the trip will be postponed to a subsequent date. Contact: Bob Brown (206) 569-2724 Elbe; Rod Crawford 543-4486 [late night] Seattle; Clyde Senger 734-1360 Bellingham.

TUESDAY, MARCH 20TH: Old Timers' Spaghetti Feed and Potluck, 6:30 PM, at the Hallidays', 1117 36th Ave. E., Seattle. The Old Timers' Potluck is for everyone in the Grotto now and everyone who has been in the Grotto. Price is \$2.00 for adults, \$1 for children under 12. Once everyone has been served, we'll keep feeding you until we run out of spaghetti. Donations of potluck items that go with spaghetti, such as garlic bread, salads, and desserts, would be appreciated. If you plan to attend, please contact the Hallidays (324-7474) or Bob Brown by the 18th, so we'll know how much spaghetti to make.

THIS IS TO BE FOLLOWED AT 8:00 BY THE REGULAR GROTTA MEETING. The program will be the famous NSS movie, "CAVE OF THE WINDING STAIR".

March 24-25. Ape Cave and others in the vicinity. Meet at Cougar post office, 11:00-11:30 Saturday morning, camp at Beaver Bay Camp. Contact Bob Brown. Members see the information flyer enclosed.

Saturday, March 31st. Special Business Meeting at Roger Matthews' house, 6:00 PM, 6026 41st NE, Seattle. The house is in the University District. 41st Av. is only one block long, and should be reached via 60th St. There is a boat in the driveway. On the agenda will be: fundraising; Long term field trip agenda; any other business; then at 8:00 we'll review the Grotto slide show. We will also try to confirm a written agreement on the status of the Grotto library.

Tuesday, April 17. Regular meeting, 8:00 PM, at Hallidays'.

April 28-29. Gordon River, Vancouver Island. Contact Bob Brown.

May 19-21. Speleolympics, Gordon River.

NEW MEMBERS

Wally Bosshart	212 11th Ave. E #101, Seattle 98102	323-0831
Baron Lundberg	19221 38th Pl. NE, Seattle 98155	365-7255
Craig S. Hansen	Rt. 3 Box 118, Cheney WA 99004	(509) 448-0748
J. David Jones	same address temporarily	(509) 235-8654

NEWS AND NOTES

At future meetings, you may observe a plastic jug sitting on a card table by the stairs. This is intended to hold donations from anyone who wishes to donate something toward the cost of the program. Anything over the cost of the program will go toward paying for the Grotto slide show; and, when that is paid for, will be divided 50/50 between the store and equipment rental.

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The NWRA Regional Bulletin has ceased publication (No. 1, August 1977, was the only issue published), following in the footsteps of its predecessor, Northwest Caving. There is now no regional publication, but Bob Brown will distribute any news items of regional interest to the member grottos.

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VICEG News reports that as of May 1978, Thanksgiving Cave was 3,235 m (2.001 miles) long, and 219.5 m deep.

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COVER CARTOON BY CHUCK COUGHLIN

FEATURE ARTICLE

The Caves of Teotihuacan: a Progress Report

by William R. Halliday

In February 1973, my wife and I had stopped in Mexico City to absorb some Mesoamerican culture before travelling on to Yucatan and Belize. On February 11, we visited Teotihuacan. While I climbed pyramids, Len went scouting and turned up La Gruta Restaurant, located in a short but spacious lava tube cavern east of the archeological zone. I had time only for one cerveza in the spelean bar plus a quick look at what turned out to be very small additional caves between the restaurant and the loop road around the archeological zone. I could not find that anyone else had reported these or other caves in the Teotihuacan lava flow, and planned to return when feasible to look for more significant ones. It took a while.

Three years later, I had a letter from Don Coons, of Cave City, Kentucky, inquiring about these caves. It turned out that he had done much the same thing two years before I did. Further, he had returned in January 1976, camped at night about 1/4 mile west of the zone, and awoke to find himself in the middle of a large number of lava caves as much as 400 feet long. Returning in February of 1977, he and co-workers mapped three of these caves and found another--the largest to date--more than 2,000 feet long. He prepared an excellent introductory report published in the NSS News in May 1977.

During the 1978 NSS Convention, looking toward my post-convention field work, Don and I got together and discussed the system. Also I talked with Sr. Jorge Ibarra Soto, president of the Asociacion Mexicana de Espeleologia, who indicated that these caves were not previously known to their group (although they knew of lava tube caves in the Pedregal flows on the other side of Mexico City which were new to me).

It turned out that on his last trip, Don had spent considerable time sitting on top of the Pyramid of the Sun, cave-hunting with binoculars. He drew an excellent sketch map showing lots of cave entrances (1) north of the restaurant, (2) west of the Pyramid of the Moon near the point where he had camped, and (3) still further north, up-flow, and (4) even within the archeological zone itself, in a large sink southeast of the Pyramid of the Sun.

On June 25, Len and I met three members of B. C. Speleo-Research in Mexico City and proceeded to Teotihuacan next day. As we had only four days to visit Teotihuacan, Cacahuamilpa, Juxtlahuaca, and Gruta de la Estrella, we could do no more than have lunch (excellent) in La Gruta Restaurant and extend Don's reconnaissance a bit. We did this in three of five or six separate areas here:

1. Restaurant-theater area. This includes caves east of the archeological zone. About 100 yards north of the restaurant we began to find quite a few, starting on the north and west sides of an outdoor theater marked by tall concrete cacti. In an area about 1/4 mile north to south, and perhaps 100 yards east to west, are about a half dozen short but spacious segments of a braided lava tube system, together with many smaller remnants. The largest we saw is the dump for local obsidian artisans' chips. It is complex with about 300 feet of passages. Mapping of this group and related surface features would be a quick, easy exercise.

2. Pyramid of the Sun area. The caves here occur mostly on the periphery of a large complex sink southeast of the pyramid, just inside the eastern perimeter road, roughly across from the Escuela Rural. However, there are at least two 100-foot plus caves leading west from small sinks on the west side

of an inconspicuous road just west of the large sink. This is a complex area, and the relationship of the caves to the large sink needs to be mapped with special care. At least one of the caves contains a seasonal pool.

3. Playing fields road area. The caves of this area are those previously reported by Don Coons in the fields west of and the broken escarpment south of the basketball and soccer (futbol) fields about 1/2 mile west of the Pyramid of the Moon, outside the archeological zone. We saw many entrances but did not have time to enter any of them.

4. Footpath area. About 1/4 mile west of the playing fields is a prominent footpath which carried a continuous traffic of pedestrians and animals while we were there. Evidently this area was not visited by Coons' groups. While it contained the largest and most complex caves we saw, none was as large as the well cave he reported. In the company of a courteous, friendly chance passer-by, whom we asked for information, we visited a half-dozen significant caves here, some with multiple passages and entrances. Mapping here should give a particularly good understanding of the overall pattern of the system because of the high percentage of cave as compared to sink and trench. One cave here had a room partially walled off by man, and there were many evidences of long use. Because of threatening thundershowers, we found several small groups of local people sheltering in the caves--just as in ancient days, according to our guide.

5. Upflow area. Using his binoculars, Don spotted a couple of apparent cave entrances about 1/2 mile north of the athletic fields. In february 1978, he found that they lead to multientrance caves about 400 feet long. We did not visit them.

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Some guidebooks mention an artificially modified cave beneath the Pyramid of the Sun, barred to the public. I am currently attempting to learn something about this cave. Further, the Texcoco Quadrangle topographic map shows a Cerro la Cueva about 4 km farther northwest, about which I have no information.

These caves are remnants of one or more braided complexes of tubes in an unusually pasty, chunky lava unlike any other tube-forming flow in my experience. The restaurant cave differs somewhat from the others, being mostly 25 or more feet below the surface while the others are less than half that deep. It appears to be the collapsed remnant of a still deeper tube, the flow features of which are entirely hidden by breakdown. In contrast, two of the caves along the east perimeter road have an overburden of only about one foot. Collapse appears to have been responsible for only part of the segmentation of the system; it seems likely that many of the caves were never connected by traversible conduits at any stage of speleogenesis. Because of the nature of the lava, few ordinary speleogenetic features of lava are present, and it appears that unless someone can find a way down to a lower throughway level, the main clue to details of local speleogenesis will lie in the plotted course of the various remaining caves, trenches, and sinks.

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TRIP REPORTS

Jackman Creek Cave Tour
February 3, 1979

by Walter Bosshart

For some weeks, we had been nagged by the "LGC" (let's go caving) bug. A couple of times, however, we managed to combat the urge, silly things like weather reports or plain laziness being some of the antidotes. By February 2nd, "LGC" reached a climax. Bob Brown, Chuck Fair, and I worked out the last details at Herfy's in the U-District. The stencils for the "Caver" and, more important, our new cave register forms, were waiting to be printed, a task we tackled with some difficulties at Ed Crawford's house. Nature seemed most concerned in jeopardizing Saturday's cave tour, with over an inch of snow and slippery roads. A highlight that evening was the "Infrared Snack Bar" at the Burke Museum.

Saturday morning the sky was milky, calling for more snow. The road reports were conflicting, but all our systems were "go"! The vehicle: Bob's pickup; pilot: Bob; copilot: Chuck; Navigator: Rod; ballast for better traction on snow: myself; mascot: Cass. Also with us: an undetermined number of bags and packs containing speleo gear, etc.

At the Cook Road exit north of Mt. Vernon, Wes Gannaway in his Blazer joined the group. Soon we were sitting at a table in the Timberline Restaurant in Concrete, where the necessary cave calories were stored in our tummies. Upon reaching the logging road, we decided to proceed in the four-wheel drive Blazer. There was some slipping and sliding up the steeper parts in roughly six inches of snow.

Then finally: the cave!--a small hole in the embankment with a thin stream emerging from a smaller, lower hole. The water, still warm at the cave exit, had turned into its solid form on its way down the ravine. Getting into the costumes often requires acrobatic skills, but already the first pair of hands and knees were on their way into the mountain. Rod pointed out that the many spiders on the ceiling aren't spiders after all--they are harvestmen. He also witnessed the victims of a strange fungus that kills moths and gnats. After a short stretch, a side passage turns to a belly crawl and later tapers to a body-wedge. I tried pushing it after some digging only to get a glimpse of the even smaller continuation. The main passage leads to the big room--some 25 feet high (no leads). The rest of the main passage, a straight tube, also tapers. Some of its "soda straw" formations appeared broken from an earlier attempt at getting "back there". Rod collected a few of the fungus-killed gnats, etc. Soon we were on our way down the logging road, joking about Rod's last meal in view of the deep gully to our right. In Burlington we parted from Wes after a Chinese dinner. Even cave trips are human.

Eastern Washington Scouting in 1978

by Craig Hansen and J. David Jones

Spokane County

When we started walking railroad tracks last spring near Cheney, Dave and I had little hope of finding any caves in the Columbia River Basalts. But on our third trip out we found some tree casts. After fighting our way through what seemed like tons of stinging nettles, we found ourselves face to face with

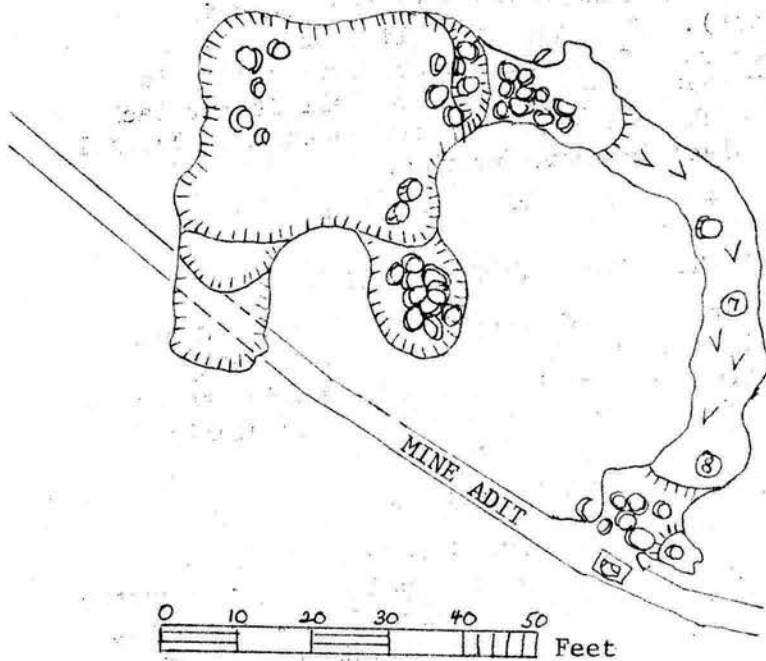
what seemed like two miniature lava tubes emerging from the cliff. They were both too small to enter, but now with the idea that there might be a larger one further down the cliffside, we continued at a quicker pace. We didn't have far to go; not 30 feet past the first ones we came upon a third. Its diameter was a little over three feet so we proceeded to go in; once inside the diameter widens to about 6 1/2 feet and then narrows down to 2 feet, which continues up for about 15 feet at a 45 degree angle. At the end of this 15 feet the cast terminated. So we continued down the side of the cliff, where we found several other tree casts too small to be entered, reaching back into the cliff. About 100 feet down from the large tree cast we came upon one almost completely filled with porcupine dung. A little bit of digging revealed a large tree cast receding close to 25 feet back into the cliff; a little more digging revealed another tree cast directly below it. Although we have not been able to dig them out yet, it seems a promising area. Other tree casts found in the same area include a 60 foot tunnel and many more that a normal person could not fit into.

Also along the railroad tracks, in the opposite direction from Cheney, there are five caves which at first glance seem to be nothing more than rockshelters. But with another closer look their origin seems to become a mystery. Once inside these caves one prominent formation shows up; this formation appears to be a calcareous growth that grows from both the walls and the ceiling (cave coral). Further back in this cave, #2 of the five, a slight coating of black material decorates the walls. What is also nice about these caves is that in winter ice formations are present. One cave with a coyote's den is also very promising but because it has pups we dare not go far in it.

Pend Oreille County

On the two trips we made to Pend Oreille County this year we found two caves and researched a third. The one we researched is in the Boundary Dam area. Its upper portion shown on the map is only part of the whole cave. Unfortunately and to our dismay, over 500 feet of passageway was cemented in to prevent leakage of water into the dam complex. Over 55 thousand bags of cement were pumped into the cave. At the bottom of this cave, which intersects one of the Boundary Dam exploratory tunnels, there is over 110 feet of passageway, and who knows how much buried beneath. The top portion of the cave was covered with flowstone and even had a small one foot column at a high spot, but with this, one can't help wondering what fabulous formations were buried deep inside.

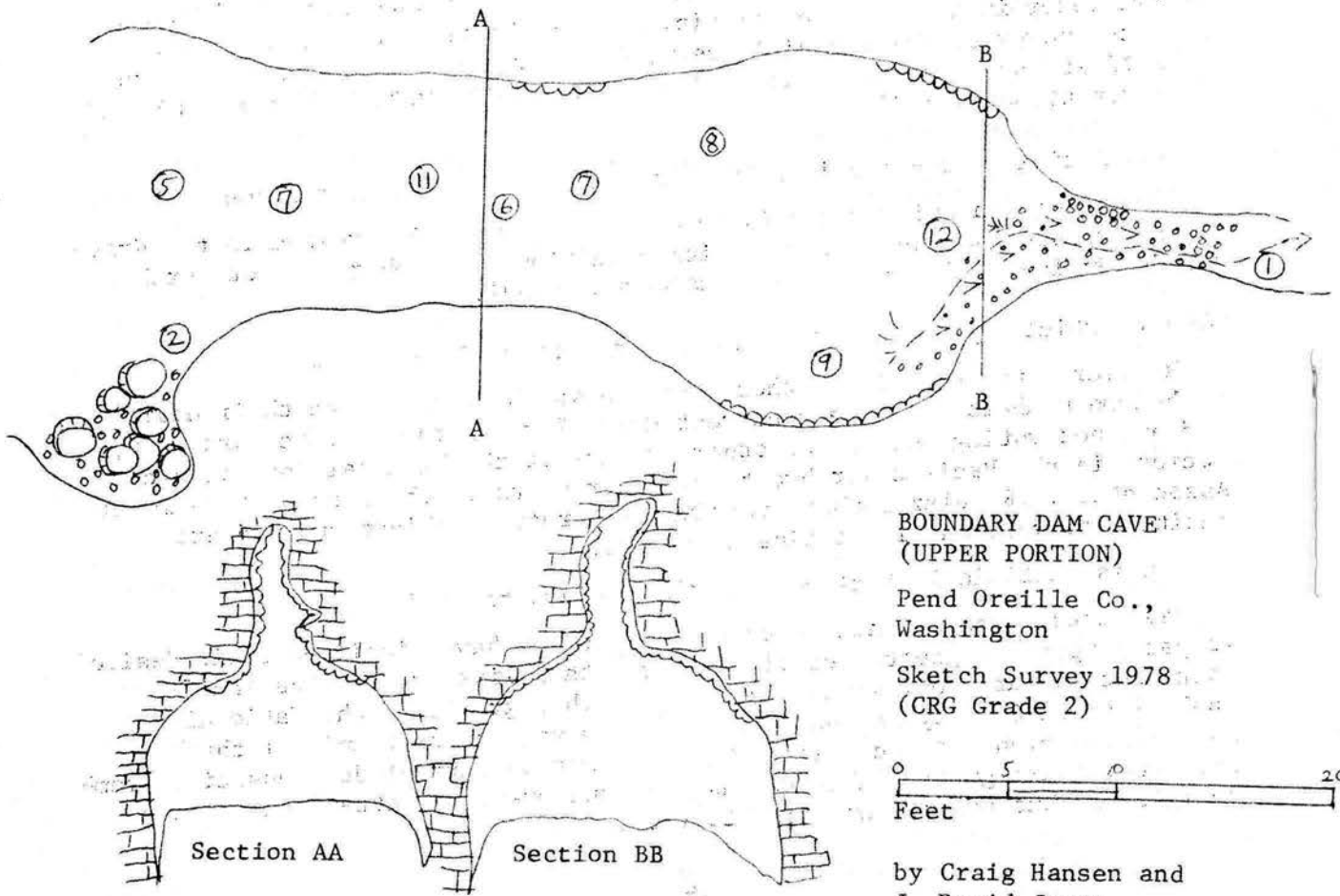
One other cave that promises to be a fairly good sized one is near Gardner Cave. After giving us the regular tour of Gardner Cave, and after going down to the Mud Room and back, which is now sealed off by a gate to all but qualified personnel, ranger Leslie Talbot showed us a small sinkhole on the top of a hill. Actually, it was a small crack that dropped off straight into the ground. After about one hour of pounding on a small projection, Dave finally managed to squeeze through. He crawled about 20 feet down the crack where he became momentarily lodged, and then fell through to a large cavern below him (he didn't really fall through, he was lowered through on my belay). But since we were already a day late, we felt that we could take no more time, so Dave returned to the surface and we reluctantly headed back home. This just proves my theory that you'll always find the good ones in the last five minutes before you leave.



FORSAKEN CAVE

Pend Oreille County, Washington

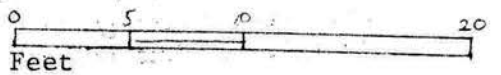
Sketch Survey 1978
(CRG Grade 2)
by Craig Hansen
and J. David Jones



BOUNDARY DAM CAVE
(UPPER PORTION)

Pend Oreille Co.,
Washington

Sketch Survey 1978
(CRG Grade 2)



by Craig Hansen and
J. David Jones

One other cave we found in Pend Oreille County consists of a good sized sinkhole with one end leading down into a tunnel-like cave that ends in a mine adit some 120 feet below (see map). The sink looks like it collapsed fairly recently (30 to 40 years), because of the tree roots overhanging into the hole. On the hill surrounding Forsaken Cave (a name we call it for lack of better), there are several large sinks and other karstic features. Overall I would say that it was a promising place for cave hunting.

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PROPOSED AMENDMENTS TO THE CONSTITUTION AND BYLAWS

To date the following amendments have been proposed to the Cascade Grotto Constitution and Bylaws, as printed in the last issue and now officially adopted. Official notice is hereby given for voting on these amendments at the May meeting. Anyone wishing to submit further amendments is cordially invited to do so.

A. Revise Article II of the Constitution to read as follows:

The purposes of this grotto shall be to promote interest in and to advance in any and all ways the study and science of speleology, the protection of caves and their natural contents, and to promote fellowship among those interested therein. This grotto shall have the additional object of organizing members of the National Speleological Society in the Pacific Northwest into a group to better promote these purposes.

B. Revise Article IV of the Constitution to read as follows:

General meetings of the grotto shall be held at such times and places as are determined by the membership. The chairman of the grotto shall have the power to call special business meetings whenever necessary, but must first obtain the consent of a majority of the voting members. [Omitting the present Section 2].

C. Revise Article 5 Section 1 of the Constitution to read as follows:

Membership in this grotto is open to all persons interested in the grotto's purposes who have complied with conditions of membership set forth in the By-laws. [Section 2 to remain unchanged].

D. Revise Article I, Section 1 of the By-laws to read as follows:

Regular members shall be those persons who have signified their desire to become members, have paid current dues, live in the Pacific Northwest, and are not voting members of other grottos of the National Speleological Society in the Pacific Northwest, or other units of the Northwest Regional Association. Regular members receive all Grotto publications and are entitled to vote on all pertinent matters.

AND revise Article I, Section 4 of the By-laws to read:

Associate members shall be those persons who have signified their desire to participate in grotto activities but either live outside the Pacific Northwest, or are voting members of some other grotto of the National Speleological Society in the Pacific Northwest, or other unit of the Northwest Regional Association. Upon payment of current dues associate members receive all grotto publications, are encouraged to attend all grotto activities, but are not entitled to vote.

E. Revise Article I, Section 5 of the Bylaws to read:

Honorary members shall be those persons elected to lifetime memberships in recognition of outstanding services or achievements. No more than one Honorary member may be elected in any one year. Honorary members pay no dues, receive all grotto publications free for one year, and are entitled to vote on all pertinent matters.

F. Revise Article II of the Bylaws to read:

\$4.00 for one year's issues [instead of "\$4.00 per year" as at present].

G. Revise article IV of the Bylaws to read:

30 days [instead of "60 days" as at present].

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REPORT OF THE MT. ST. HELENS CAVES CONSERVATION TASK FORCE
of the National Speleological Society

by William R. Halliday, M.D., Chairman

A regional, coordinated effort for the protection of the Mt. St. Helens area is picking up steam. On 9-25-78 I attended a meeting in Longview, Washington of an ad hoc steering committee of members of Northwestern conservation organizations which have endorsed a Mt. St. Helens National Scenic Area. Coordinator of the effort and chairman of the meeting was the NW regional representative of the Wilderness Society, based in Portland. This proposal will require congressional action. The group is primarily pushing for this instead of a national monument because of political expediency; the only expected opposition is from loggers (and perhaps trail bikers and ORV enthusiasts). Although there has been broad support for this new proposal, there continues to be considerable underlying support for the proposed national monument. I stated that the Mt. St. Helens Caves Conservation Task Force would support this proposal, but that we saw it as a step toward the national monument. No one at the meeting expressed any concern with this approach. Further, it was agreed that the cooperating organizations would insist on stronger protection for the caves area than the Forest Service is anticipating, including exclusion of ORVs. Those present had not previously been aware of the problem.

I stated that I would prepare a resolution for consideration by the NSS Board (attached herewith), based on this.

It is expected that the proposal will be vigorously pushed in Congress next year.

Russ Maynard of Vancouver, Wash., was one of those attending. He is a member of the advisory committee to the Gifford Pinchot National Forest which deals with this matter. He had with him a copy of the Forest Service tabulation of responses to its request for input on alternative management plans for the "Green/Spirit Planning Unit" which includes the Mt. St. Helens area, and it was of interest that it omitted the Task Force recommendation for enlargement of the Kipuka Roadless Area wilderness planning Area. This is typical of this national forest's staff.

Submitted to the Chairman, Conservation Committee, N.S.S., 30 September 1978.

* * * * *

THE MT. ST. HELENS NATIONAL SCENIC AREA PROPOSAL

The Cave Basalt Lava Flow immediately south of Mt. St. Helens, Washington, is an area of national significance. It includes Ape Cave--longest lava tube cavern on the American continents--and numerous other caves of major geological, biological and other significance. Among scientists conducting studies here are astrogeologists from NASA whose publications indicate that the lava flow and its caves are of particular importance in this field.

In the past, the National Speleological Society has endorsed the proposal for creation of a national monument here. Such action would provide appropriate protection of the caves and their environment, and is fully justified by the national significance of the area.

Recently, several Northwestern conservation organizations have proposed a Mt. St. Helens National Scenic Area which would include the Cave Basalt Lava Flow. Although a National Scenic Area would not provide as good protection for the caves and their environment as a national monument, if properly written and administered it would provide much better protection than is currently in force.

Necessary elements for the protection of the caves area in such a national scenic area include wilderness administration for the so-called Kipuka Roadless Area and adjacent unroaded areas, termination of logging and road access on the Cave Basalt Lava Flow south of Road N818, and closures of both areas to trail bikes and other ORVs and snowmobiles. The legislation should direct the Forest Service to develop a management plan for each cave following the example of that for Little Red River Cave, stressing the preservation of underground wilderness as the dominant principle for management of the caves area.

THEREFORE BE IT RESOLVED that if the Mt. St. Helens National Scenic Area bill be enacted by Congress in a form providing such protection to these caves and their environment, and the area be administered accordingly by the U.S. Forest Service, the National Speleological Society will consider this protection to be adequate for the foreseeable future, and the National Speleological Society therefore supports the concept of a Mt. St. Helens National Scenic Area with adequate protection for the Mt. St. Helens caves and their environment.

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MESSAGE FROM THE CHAIRMAN

A Positive Start

by Bob Brown

During the past month the membership of our grotto has created a solid foundation with the adoption of new By-laws, an operating policy, and adoption of funding for several committees and programs. This should have a long term positive effect on both increasing membership and improving services. In addition to the positive steps taken by the membership, many individual members are contributing time to ensure that the jobs described below are accomplished. Both the membership as a whole and the individuals listed below deserve credit for the improved condition of the grotto.

Cascade Caver Editor: Rod Crawford, besides collecting the material for printing, also edits material, types stencils, prepares layouts for electronic stencils, and is responsible for the format of the Caver. Rod has been editor since June 1975, and both the quality and quantity of the Cascade Caver have

been more than satisfactory.

Publisher: Ed Crawford has been printing and collating the Caver since September, 1978. It is easy to see that the quality of printing is very good. Recently Ed did a complete cleaning and repair job on the press, and reports that the press is in good shape except for one worn part which we hope to replace soon.

Secretary-Treasurer: Chuck and Mary Coughlin are now in their fifth term in this office. Besides collecting dues, keeping the books, filing the annual report, and keeping membership records, as well as many other functions, they also mail the Cascade Caver.

Program Chairman: Chuck Fair has only been a member for a few months. But as newly appointed program chairman, he already has scheduled NSS slide shows and movies for the March through December meetings.

Meeting Hosts: Len and Bill Halliday have opened their home to Grotto meetings and other gatherings for over 20 years. Their basement with a large fireplace and room for many cavers has been most satisfactory.

Visual Aids: Both Rod Crawford and Bob Brown have been working with other members to develop a general slide show. A written narrative is being developed by Rod and Bill Halliday to accompany the show. This slide show will be available for members' use by March 1, 1979.

Grotto Storekeeper: Chuck Fair has taken on the duties of storekeeper. If members will use the store, I'm sure Chuck will develop a high quality store. It is important to remember that all store profits go back into the store to increase inventory.

Cave Register and Information Program: Bob Brown and Charlie Anderson have developed an information sign to go along with the cave register program. These signs should be ready for installation in caves by March 1. Bob and Rod Crawford have developed an improved register data sheet, which is already in use.

Equipment Rental: Chuck Fair has assumed the duties of Equipment Rental Manager. He now has an assortment of hardhats, lamps, and side packs. Any profits from the rental of equipment will be used to purchase additional rental equipment.

Cave Resources: Rod Crawford has compiled a list of cave leads and is in the process of acquiring more. Several field trips are being planned to check out many of these leads. Also, mapping trips are planned for Senger's Talus Cave, Paradise Ice Cave, Windy Creek Cave, and the McLaughlin Canyon Caves.

Membership: Bob Brown is acting as membership committee chairman. He has sent information letters and complimentary Cascade Cavers to NSS members throughout the state. He is also contacting non-NSS cavers and inviting them to become involved in our grotto's activities. Bill Halliday is developing a brochure to go along with this program.

Other committees:

NWRA Representative	Bob Brown
Conservation Committee	Bob Brown
Safety Committee	Bob Brown
Field Trip Coordinator	vacant

All grotto members are encouraged to get involved in one or more of these committees. Any suggestions are welcome and can be directed to the committee chairmen. You will notice that several members are currently chairing more than one committee. Any member interested in chairing one of these committees should contact the Grotto Chairman.

SPECIAL BUSINESS MEETING

The S. B. M. was brought to order at 7:45 PM, Sunday, Feb. 11th. An overwhelming majority of the voting members of the Grotto were present. Motions passed are as follows:

- Bylaws unanimously adopted subject to ratification at general meeting.
- Operating Policy (to be printed in a later issue) adopted subject to later amendment.
- Chairman, acting as Cave Register and Information Program committee chairman, allocated \$50 for production of the Cave Information Sign.
- Equipment Rental Committee allotted \$30 for purchase of rental equipment.
- Grotto Storekeeper allotted \$50 for purchase of remaining copies of Caves of Washington.
- Membership committee allotted \$30 for petty cash.

Some amendments were made for the Operating Policy, and proposed for the Constitution and Bylaws (see within).

We all had some very tasty salad and spaghetti courtesy of Len Halliday.

THE CASCADE CAVER
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Seattle, WA 98195

Take
Nothing
But
Pictures
Leave
Nothing
But
Footprints

FEBRUARY GENERAL MEETING

Nineteen persons attended, including about 6 new. Charlie Anderson and Mark Vining gave a very nice slide show on wild parts of several commercial caves. All decisions of the Special Business Meeting were ratified, vote 16 to 2.

A publisher liaison committee has been formed to review general-public articles written by cavers before publication. Bob Brown is chairman.

Yr editor was elected liaison officer to Xanadu Grotto, and Chairman Bob was authorized to send Xanadu Grotto a letter (copy enclosed) suggesting a reconciliation.

ENCLOSURES:

Spaghetti Feed flyer
Official Trip Announcement
Xanadu Letter
Membership Forms (give one to a prospective member).

DON'T FORGET GROTTA MEETING & SPAGHETTI FEED MARCH 20TH!