

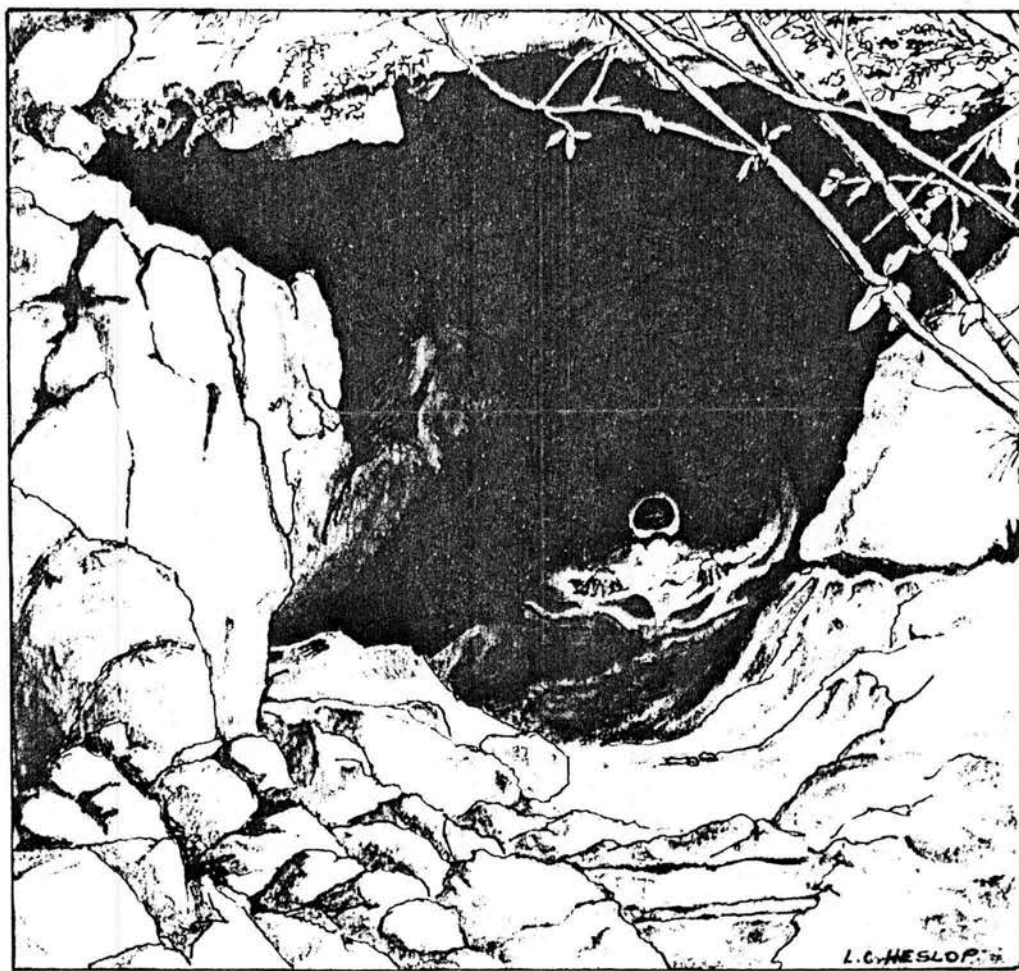
The Cascade Caver



Published by the Cascade Grotto of the National Speleological Society

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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:	Due:	Coming up:
David Becker 1/87	Bob Brown 5/87	Ed Crawford 6/87
Peter Carter 1/87		Rod Crawford 6/87
Jim Harp 3/87		Jerome Gunsalus 6/87
Maurice Magee 3/87		Larry McTigue 6/87
Randy Vance 4/87		J.P. van der Pas 6/87
Mickey Hanson 4/87		

New Member: Diane Coburn, Bellevue, WA (206) 883-6793

Correction: Steve Sprague's correct phone number is: (206) 652-6489

Cover: Linda Heslop: Entrance to Boneyard, Tahsis Inlet. Drawn from a photograph by Brian Bischoff.

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UPCOMING EVENTS

May 15	Grotto meeting at the University of Washington.	
May 16	Vertical Practice	(See Jim Harp or Gerry Thompson)
May 22-25	Regional at Trout Lake	(See Mark Wilson)
June 12-14	Windy Creek with Oregon Grotto and VICEG.	
June 20	Grotto swap meet and BBQ party.	
July 3-5	Cody and Gardiner Caves	
July 4	Spirit Lake Pseudokarst (Mark Sherman has waiver form)	(See Bill Halliday)
July 18	Cave Ridge trip to set up rescue scenario	(See Jim Harp)
Aug 7-9	Cave Ridge practice rescue	
Aug 8-16	Bighorn Project work session #3.	(See Bob Brown or Mark Sherman)
Aug 22	Vertical practice	
Sept 4-7	Papoose Cave, Idaho	(See Bob Brown)
Sept 19	Windy Creek	
Oct 2-4	Falls Creek, 3 Sinks	
Oct 17	Black Mountain	(See Dick Garnick)
Nov 27-29	Pot of Gold, Idaho	(See Bob Brown)
Dec 5	Pre-Holiday party with Oregon Grotto and VICEG.	

APRIL GROTTO MEETING

Larry McTigue presided over the April grotto meeting at the U. of W. with 8 members present.

Ben Tompkins announced that the next Cascade Caver would contain the grotto constitution, bylaws, and operating policy. Changes have been made to the operating policy regarding time, date, and location of the grotto meetings but he suggested that a few other provisions might be outdated and all members should review the policy. No changes were proposed for the constitution or bylaws.

Mark Wilson discussed the upcoming Regional, reminding us of the \$5 registration fee and lining up trip leaders to various caves.

The program for the evening was a slide show by Mark Wilson of caving in the Guadalupe's, in New Mexico.

MT. ST. HELENS AREA

APRIL, 1987

Larry McTigue

I left Seattle about 7pm Thursday night and picked up Rob Lewis in Tacoma. We had planned to spend Friday and Saturday caving on the east and west sides of Green Mountain. We arrived after dark but it was a beautifully clear, star-filled night that greeted us. There was plenty of moonlight to see by once our eyes adjusted and it reflected off of the water in the power canal near camp. Rob made the portentous observation that there was a halo around the moon which meant rain. I told him that he was overly pessimistic and that I was looking forward to a bright and sunny day.

The rain started about 4am and never let up all day long. It took an extra effort to crawl out of my nice warm, dry sleeping bag and suit up for at least one cave before calling it quits.

We arrived at the Lava Cast Picnic area about 8:30am and Rob noticed what looked like a wooden bridge out in the woods southeast of the picnic area. Closer inspection showed it to be a newly constructed nature trail boardwalk meandering through the woods in a quarter-mile loop. It led from tree cast to tree cast and at one point there was a metal ladder descending into one. At the bottom of the ladder was a long horizontal tree cast forming a small cave. By sticking my head

into it I could see light coming from another vertical cast at the other end.

From there we drove to Little Red River Cave. When I was here with Rod Crawford in October the lake at the bottom of the cave was totally dry and Rod said he had never seen it that way before. Now with all the rain, I expected the lake to be full again and it was. There was so much rainwater over the cave that a jet of water was shooting out of one of the springs where the Little Red River originates. The lava falls are for me the most impressive part of the cave and we spent a couple of hours exploring before heading out.

It was still raining outside and the old snow that we had hiked across had turned to slush and puddles. We ate lunch in the truck and with the rain showing no sign of letting up, we headed home.

ANOTHER MT. ST. HELENS TRIP

Ben Tompkins

Larry and Rob got rained out but not us. No, Sir! Mark Wilson promised us that it would not rain on the first of many trips planned for this year and he was right. It was snowing.

Jim, Amanda, and Ryan Harp, Jerry Thompson, my son Oliver, and I arrived about midnight to find Shaun Larsen, Mark Wilson, and Rebecca (the one with the southern accent) setting up camp. It rained all night then turned to snow again towards morning, all contributing to a leisurely start Saturday morning.

After breakfast the snow melted precisely on schedule and the lot of us hiked to the entrance of Ole's Cave. I have never gotten around to visiting Ole's as many times as I've been to St. Helens but I drove down the road once before it was gated. They sure have reamed out a few roads and clear-cuts since then. On the other hand, I really enjoyed the jumbled lava, moss and lichen covered landscape in that area.

Mark and Rebecca headed into Ole's while the rest of us turned west to Beaver Cave. Beaver was a fun cave although it was a chore getting the little guys up and down the corkscrew drop. There was a big yellow frog waiting for us at the bottom of the drop. It was about 2 inches long in the body plus legs and definitely not green; those were all the froggy details I was prepared to remember. We would have drawn straws to see who got to

kiss it but nobody wanted a 4-inch high prince and we set him safely out of the way.

Back at the entrance to Ole's we divided the troops again, most heading for the road while Jerry, Shaun, and I did the cave.

The next morning I took a portable CB unit and a spool of wire into Little Red River. I wanted to see what the range of a "house-hold" CB might be in a lava tube and see if using a wire strung through the cave might extend that range.

Jim stayed on the surface with a "walkie-talkie" while the boys played in the snow. Amanda and I unrolled the wire, calling the surface on the radio every so often as we went. Everybody else headed for the bottom of the cave.

When we couldn't get a response from the surface we dropped the wire and headed back towards the entrance, calling again every so often. Suddenly the surface radio came booming in loud and clear. Jim had been away from the radio attending to the kids. So we retraced our steps down to where we left the spool and continued deeper. We lost contact again about where we ran out of wire so we headed back up until suddenly the surface was loud and clear again. This time it was my microphone coming half unplugged. Back down the tube again, communications were still good a couple bends past the end of the wire, and we met the other party coming out.

It doesn't seem like I learned much about the wire other than how much fun it is to rewind underground. Radio communications via ordinary CB certainly might be feasible during in an emergency in a lava tube. I'd like to try the same trick in a deeper cave such as one of the ones on Cave Ridge to see what the limitations are and see if the single wire helps any.

FLETCHER CREEK CAVE

Richard Walter

The following is part of a letter from Richard Walter plus a trip report on Fletcher Creek Cave taken from VICEG News, Volume 16 Number 8, August 1986, which Richard sent with his letter.

The March Cascade Caver mentions an upcoming trip on July 3-5 to Nakimu Cave, or Cody and Gardiner Caves. If Cody Cave is visited it might be interesting to explore the recently located Fletcher Creek Cave which is a few miles to the north. This small cave has been explored only once and has not been

mapped. It's as easy to get to as Cody Cave and may yield some amount of new passage.

I would appreciate knowing about any trips planned for this area.

Fletcher Creek Cave - A New Kootenay Discovery - By Phil Whitfield

In May 1976, Larry Atherton of the Forest Service in Nelson had passed on to me a lead from Gerry Ordway of the Kaslo Ranger Station about some sinks and a possible cave near Fletcher Creek, north of Ainsworth on Kootenay Lake. In August of the same year, Clarence Hronek gave me an independent reference on the same sinks. Richard Walter, Steve Schramm and I conducted a rather lackadaisical search for the sinks in June 1982 (VICEG News, Vol. 12, No. 6, June 1982), but were stopped by snow on the Fletcher Creek logging road before we reached the required elevation. However, Richard persevered, and this year succeeded in locating the target around 5,900' elevation, a mere 400' vertical and less than 1/4 mile above the logging road. He passed his information on to me and to Ian Fraser and Hans Christen in June, and by good fortune we managed to fit in a flying recce the morning before I had to return to Kamloops from a Parks field trip.

Assembling at the northern Woodbury Creek access road by 0745, we proceeded up the logging road to a corner on the 5,600' contour and hiked up past a recently built log cabin toward a small limestone bluff. A good game trail led up the bluff to a sub-alpine gully, which in turn led straight toward a line of large sinks, several of which were taking small streams. The northernmost sinkhole, also the largest, proved to have a short passage at its base, but the small streamway choked off within a few meters, almost within sight of daylight. However, Richard had found that a somewhat smaller sink about 200 ft. south contained a 50' pit, and we quickly moved our attention to this. Rejecting a rigging point off several large but questionable chock stones, I selected an alternative some 10' to the right and set up a double anchor. John Carter and I descended, finding ourselves in a high hall running roughly north and south. A dry, horizontal passage northward petered out after 40', but a 10' pit on the southwest wall led to a triple fork. The left fork carried a small stream some 50' southward down a crawlway which soon narrowed to the

point of impassability. The middle fork proved to be a tight vertical fissure connecting after 10' with the streamway. The right fork led immediately into a small "shower room" and then turned left and right into an adequately spacious vadose passage. John and I followed this for some 75' before it narrowed to the point of serious inconvenience. I continued on into a small chamber and thence downward to a junction room where I conjectured that the original, larger stream entered. From this point, I could wriggle on along a narrow vadose passage to the lip of a 2' waterfall, below which the passage appeared to continue left. By now, however, I was thinking of the snugness of the route and the lack of experienced back-up, so I decided to rout. Having left the tape measure above, and being reluctant to keep the surface trio waiting too long, John and I opted to return to the surface.

Although the potential of Fletcher Creek Cave is limited, more exploration is possible by squeeze freaks, and a survey would be a pleasant exercise in masochism. The entrance pit is fun, however. Congratulations to Richard for following this one through to some sort of investigation!

NORTHWEST REGIONAL

Don't forget the 1987 NW Regional the weekend of May 22-25 at Peterson Prairie Organizational Campground near Trout Lake, Washington. (See CC v26 p14 for more details or call Mark Wilson, (205) 258-5724, evenings.)

Directions to Trout Lake from:

From Boise: Follow I-84 west to Hood River. Cross the Columbia and go west on Route-14. Turn North on Route-141 and follow it to Trout Lake.

From Portland: Follow I-84 west to Hood River. Cross the Columbia and go west on Route-14. Turn North on Route-141 and follow it to Trout Lake.

From Seattle: Follow I-5 south to Tacoma and take Route-7 to Morton. Turn east on Route-12 and follow it to Randle. Turn south on Forest Service Road 23 which directs you to Mt. St. Helens. Follow it past Mt. St. Helens all the way to Trout Lake.

At Trout Lake: From the intersection of FS-23 and Route-141 proceed west on Route 141. It will turn into Forest Service Road 24. The Peterson Prairie Campground sign is 6.5 miles from the town of Trout Lake.

Maps are included on page 40.



CONSTITUTION OF THE CASCADE GROTTTO

- I. The name of this organization shall be the Cascade Grotto of the National Speleological Society.
- II. 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 the members of the National Speleological Society in the Pacific Northwest into a group to better promote these purposes.

Section 2. This organization is organized exclusively for religious, charitable, scientific, literary, or educational purposes within the meaning of Section 501(c)(3) of the Internal Revenue Code. Notwithstanding any other provision of these articles, the organization shall not carry on any other activities not permitted to be carried on by an organization exempt from Federal Income Tax under Sec. 501(c)(3) of the Internal Revenue Code.

- III. The entire management and government of this grotto except as otherwise expressly provided shall be vested with the membership.

Section 2. The officers of the grotto shall be: Chairman, Vice-Chairman, and Secretary--Treasurer, elected yearly by the membership. Their duties shall be those usually associated with each office.

Section 3. The membership shall have complete power to manage the grotto, to make rules relating to subsequent elections, to formulate by-laws, to appoint chairmen of special committees, to raise funds in any manner not inconsistent with the policies of the Board of Governors of the NSS, and to perform all other necessary functions.

- IV. 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 first must obtain the consent of a majority of the voting members.
- V. Membership is open to all persons in the Pacific Northwest interested in the grotto's purposes, who have complied with conditions of membership set forth in the By-laws.

Section 2. Only members with their grotto dues paid shall have voting rights in the election officers or at meetings.

- VI. The constitution and by-laws of the NSS shall be binding on this grotto. Any action inconsistent therewith shall be null and void.
- VII. Any property held by this grotto shall revert to the NSS in the event of dissolution of the grotto.

BYLAWS OF THE CASCADE GROTTO

I. The Cascade Grotto shall have five classes of membership:

Section 1. 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 NSS 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.

Section 2. Family members are relatives of a regular member, live at the same address, and have paid current dues. Family members receive no publications but those over 15 years of age are entitled to vote on all pertinent matters.

Section 3. Subscribing members are persons who have paid the current subscription rate for Grotto publications but who do not desire to be active participants in Grotto activities. Subscribing members receive all Grotto publications but are not entitled to vote on any Grotto matter.

Section 4. 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 other grottos of the NSS in the Pacific Northwest, or other units 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.

Section 5. 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.

- II. All Grotto dues shall be paid at the time of beginning membership and shall be renewable one year later. Dues for regular and associate members shall be \$7.50 per year. Subscription rate for Grotto publications shall be \$7.50 for one year's issues. Dues for family members shall be \$1.00 per year.
- III. Nominations for Grotto officers shall be made at the November general meeting; such nominations must be made by a Grotto member with voting rights. The Secretary-Treasurer will mail to each member with voting rights a ballot prior to the 10th day of December. The ballot must be returned to the Secretary-Treasurer no later than December 31st. The Secretary-Treasurer will tally the vote and notify both present and newly elected officers of the results. Newly elected Grotto officers shall take office on the tenth day of January following the election.
- IV. A simple majority of voting members present shall prevail at general or special Grotto meetings. Approval of amendments to the bylaws or the Grotto constitution, or expulsion of a member shall require a 2/3 favorable vote of those voting after due notification to the Grotto membership; due notification being 30 days written notice. For the purpose of a 2/3 vote, those voting shall include members present, mail and proxy ballots received by the first meeting after due notice.

OPERATING POLICY OF THE CASCADE GROTTO

- A. Duties and responsibilities of the Chairman:
- a. Appoints all committee chairmen and Cascade Caver Editor.
 - b. Chairs Grotto and special business meetings. Rules on points of order and in case of tie votes, casts deciding vote. Chairman has the right to vote on all money matters and on any matter requiring a 2/3 vote.
- B. Duties and responsibilities of the Vice-Chairman:
- a. Assumes Chairman's duties when he is absent.
 - b. Represents the Grotto, or ensures that the Grotto is represented at the Congress of Grottos.
 - c. Conducts all other duties usually associated with this office.
- C. Duties and responsibilities of the Secretary-Treasurer:
- a. Maintains Grotto Financial records.
 - b. Collects Grotto dues as per Article 2 of the bylaws.
 - c. Maintains Grotto funds in an interest-bearing account.
 - d. Maintains current membership records.
 - e. Provides the Cascade Caver editor with a current membership list by April 15 of each year for printing in the May Cascade Caver.
 - f. Submits a financial report to the Grotto four times per year, in January, April, July, and October.
 - g. Dispenses Grotto funds at the direction of the Chairman after approval of the membership. Approval of the membership in the case of fund dispersal only requires a simple majority of those present and voting at any regular Grotto meeting.
 - h. Conducts duties as outlined in Article 3 of the bylaws.
 - i. Prepares the Annual Report of the Grotto and submits it to the NSS.
 - j. Assumes Chairman's and Vice-chairman's duties when both are absent.
- D. Duties and responsibilities of the Cascade Caver editor:
- a. Publish a good quality Grotto publication (at least six pages) ten times per year. This publication should contain but is not limited to the following: field trip reports, all new members as they join the Grotto (names, addresses, and phone numbers), all business acted upon at Grotto, special business, or unit meetings, and other articles or information of interest to the membership.
 - b. It shall be the responsibility of the Editor to see that the Cascade Caver is mailed by the Wednesday before the regular monthly meeting.
 - c. A current membership list must be printed in the May issue of the Cascade Caver and must be current as of April 15 of that year.
 - d. All Grotto printing supplies and equipment are the responsibility of the editor.
 - e. The Editor must provide the Secretary-Treasurer with a record of Cascade Caver expenses in January and September of each year.
 - f. It shall be Grotto policy and the Editor's responsibility to make sure that no sensitive wild cave locations are printed in the Cascade Caver
 - g. It shall be Grotto policy and the Editor's responsibility to make sure that no material of a speleo-political nature is printed in the Cascade Caver without approval of the Grotto membership.
 - h. The Editor has the authority to make minor changes and deletions in any material submitted, or to refuse publication, for reasons of quality or Grotto policy. The Editor has final authority over the contents of the Cascade Caver, subject only to his removal by the Grotto membership.

- E. It is understood that the officers of the Grotto and the Editor of the Cascade Caver, in order to fulfill their duties and responsibilities, need the support and cooperation of the membership. It shall be their responsibility to delegate such duties as they are unable to fulfill personally.
- F. The Program Committee chairman shall be allotted 45 minutes of the Grotto meeting time. It will be his responsibility to provide a good quality program of at least NSS visual aid quality. The 8:15 to 9:00 time period will be scheduled to the program chairman.
- G. It shall be Grotto policy to operate a Grotto Store, the purpose of which shall be the sale and rental of caving equipment. The Grotto store shall be managed by a storekeeper appointed by the Grotto membership. The Storekeeper has complete authority to manage the store subject only to his removal by the Grotto membership. Any net profit from the sale or rental of equipment shall be distributed as per item H.
- H. In order to raise funds for the purchase of merchandise for the store, the storekeeper is authorized to sell "Store Certificates." Only Cascade Grotto members may be certificate holders. Net profit from the store shall be distributed in the following manner:

20% to certificate holder dividends	40% reinvestment in the store
20% to certificate buy-back fund	20% to Grotto treasury

In addition, the storekeeper shall sell "Game Certificates" to finance the production of "The Caving Game." Only Cascade Grotto members may be Game Certificate holders. Net profit from the sale of games after paying costs shall be distributed as follows:

50% to Carlene Allred	25% to Grotto treasury
25% to Game Certificate holder dividends	

- I. The Grotto shall have a Cave Resources Committee. Its duties shall be to maintain a file of Washington unchecked cave rumors and topographic maps for the use of Grotto members. Policies for the loan of topographic maps shall be set by the committee.
- J. It shall be the responsibility of the Chairman to ensure that the duties usually associated with the following committee positions are accomplished. Normally in order to achieve this the Chairman will appoint committee chairmen:

- | | |
|-------------------------------|--|
| a. Membership Committee | h. Safety Committee |
| b. Equipment Rental Committee | i. Cave Register and Information Program |
| c. Grotto Storekeeper | j. NRA Regional Representative |
| d. Program Committee | k. Visual Aids Committee |
| e. Cave Resources Committee | l. Fund raising Committee |
| f. Field Trip Coordinator | m. Cascade Caver Editor |
| g. Conservation Committee | |

- K. It shall be Grotto policy to supply Dr. W. R. Halliday with forty (40) copies of each issue of the Cascade Caver for exchange purposes and for non-paid NSS and USGS distribution. Grotto members shall have access to the resulting exchange library.
- L. It shall be Grotto policy to maintain a regular membership of 40 cavers in order to provide a level of activity and finances for a healthy Grotto. In order to achieve and maintain this number of regular members, the Grotto will actively seek out NSS members and active non-NSS cavers living in the state of Washington, who do not belong to another NSS grotto.
- M. Realizing that at present NSS cavers only represent at most 30% of those caving, it shall be Grotto policy to have one or two invitational meetings per year while Grotto membership is less than 40 members. This is intended to make persons interested in cave explorations aware of our Grotto's goals and objectives.

- N. | Grotto meetings will be held on the University of Washington campus, Room 6 of Johnson Hall, on the third Friday of each month, and will start at 7:00 PM. Grotto meetings will normally follow the format listed below:

7:00 to 7:15	Introductions and old business
7:15 to 8:00	Scheduled program
8:00 to 8:20	Field trip reports
8:20 to 8:40	New business and committee reports
8:40 to adjournment	Field trip planning

The above format is not intended to be inflexible but is meant as a guideline. This format is intended to ensure time for a good quality program and time to discuss business, field trip planning, and field trip reports.

- O. All NSS members and non-NSS cavers are welcome at Grotto meetings as long as they are not and have not been disruptive or defamatory toward caving, cavers, or speleological organizations.
- P. To encourage activity among widely separated members while ensuring Grotto unity, Grotto members outside the Seattle area shall be authorized to form local units within the State of Washington, when chartered by the Grotto membership. Local unit meetings shall be chaired by a Unit Coordinator elected by those Grotto members participating in that unit's activities. Local units shall be authorized to conduct any business on behalf of the Grotto, so long as they comply with the Grotto constitution, By-laws, and Operating Policy. However, business affecting the entire Grotto may only be acted on at a regular Grotto meeting as per Item N above.
- Q. Changes in these Operating Policies may be enacted by majority vote at any regular Grotto meeting.

MAPS FOR FINDING THE REGIONAL

