



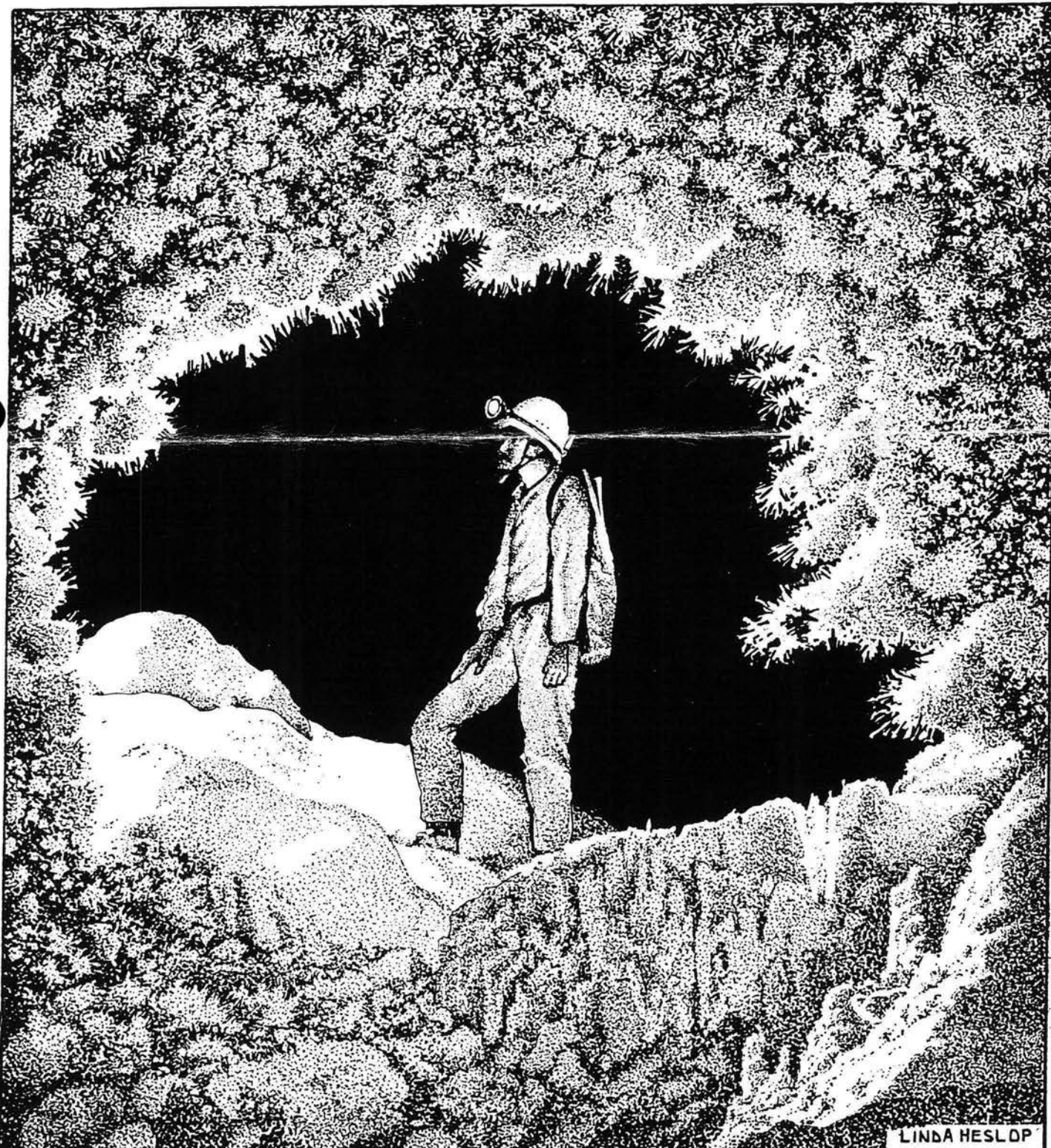
Cascade Caver

Newsletter of the Cascade Grotto of the National Speleological Society



Volume 32, No. 2

March/April 1993



LINDA HESLOP

Cascade Grotto

Regular grotto Meetings are held monthly at 7:00 PM on the third Friday of each month at the University of Washington, room 6 in the basement of Johnson Hall. Business meetings are held on odd numbered months immediately following the regular grotto meetings.

GROTTO CHAIR Karl O. Steinke	271-1260 (home) 885-8868 (work)	<u>NSS NORTHWEST REGIONAL CAVING ASSOCIATION</u>	
		CHAIR Dave Klinger	(509)548-5480
VICE CHAIR Paul Ostby	823-5107 (home)	Leavenworth, WA	
		VICE/CHAIR Ben Tompkins	(206)546-8025
SEC/TREAS Greg Hollenbeck	668-7578 (home) 782-3831 (work)	Seattle, WA	
		TREAS Phil Whitfield	(604)372-5079
Co-EDITOR Bill Bennett	255-1466 (home)	B.C., Canada	
		SEC John Baz-Dresch.	(509)663-7173 or 663-142
Co-EDITOR Christine Schlemmer	255-1466 (home)	Wenatchee, WA	
		<u>NSS NATIONAL CAVE RESCUE COMMISSION (NCRC)</u>	
ASSIST. EDITOR Larry McTigue	850-8614 (home)	<u>NORTHWEST REGIONAL COORDINATOR</u>	
		Rick Rigg	(208)524-5688 (home)
REGIONAL/REP Ben Tompkins	546-8025 (home)	Idaho Falls, ID	(208)526-6816 (work)
TRIP COORDINATOR Jim Harp	1-800-562-4367(work) ext. 3585 or 3436 (vacant position)	<u>NSS DIRECTORS (Cascade Grotto)</u>	
LIBRARIAN Anyone want to give the library a good home?		1991-1994 Bill Halliday	(615)352-9204
		Nashville, TN	
CAVE & TOPO MAPS Rod Crawford eves. (U.of W./Burke Museum)	543-9853 (work)	1990-1993 Tom Strong	938-3957(home) 822-8880(work)
		Seattle, WA	
CAVE REGISTERS Mike Wagner	282-0985 (home)	<u>NSS BULLETIN ADVISORY BOARD</u>	
GROTTO REP 1993 NSS CONVENTION Mike Compton	535-5144 (home)	CHAIR Tom Strong	938-3957(home) 822-8880(work)
		Seattle, WA	
Grotto address P.O. BOX 75663 Seattle, WA 98125-0663		<u>NSS CAVE CONSERVATION & MANAGE. SECTION</u>	
Editor's address Bill Bennett/Christine Schlemmer 1626 Grant Ave. S. #C202 Renton, WA 98055		CHAIR Rob Stitt	(206)283-2283
		Seattle, WA	
		<u>NSS GRAPHIC ARTS SALON COMMITTEE</u>	
		CHAIR John Baz-Dresch	(509)663-7173 or 663-1428
		Wenatchee, WA	

Copyright 1992 by Cascade Grotto. All rights reserved.

The *Cascade Caver* is published by the Cascade Grotto a Local Chapter of the National Speleological Society. Any material that is not copyrighted by an individual or another group may be copied or reprinted by internal organizations of the National Speleological Society provided that credit is given to the author and to the *Cascade Caver* and a copy of the publication containing the material is sent to the Editor. Other organizations must contact the Editor. Unsigned articles may be attributed to one of the editors.

Dues which include a subscription to the *Cascade Caver* are \$10.00 per year. Additional members in the same house hold are \$2.00. Subscriptions only are also \$10.00.

All materials to be published and exchange publications should be sent to the Editor.
Subscription requests and renewals should be sent to the grotto Treasurer.

In This Issue

<i>Trips and Events</i>	3
<i>Batboy Speaks</i>	4
<i>Little Red River Cave Part I</i>	5
<i>Bat Droppings</i>	5
<i>Lechuguilla Cave</i>	6
<i>Cascade Caver Publishing dates and Deadlines</i>	7
<i>Ape Cave Intro Trip</i>	9
<i>A Biological Timing Guide for an Ethical Caver</i>	10
<i>Membership List</i>	Insert

On The Cover: Chandelier Graveyard, Lechuguilla Cave, New Mexico. Drawing By Linda Heslop.

Trips & Events

N.S.S. Convention Aug. 2-6, Pendleton, OR.-The "Big One!" Don't miss your chance to attend a National Convention: Seminars, Workshops, Slide Shows, Photography Salon, Awards Banquet. Plenty to see and do, meet new friends, renew old friendships. Registration forms available now.
Contact: Michael Compton PSG, (206)535-5144
Bill Devereaux WVG, (503)363-3831

Preconvention Speleocamp, July 30, 31 & Aug. 1, Peterson Prairie Group Camp, Trout Lake, WA.-Plan to attend now! Camping, caving and a great time. Potluck dinner Saturday night. Many trips planned to your favorite caves, plan to stop here on your way to Convention '93.
Contact: Michael Compton PSG, (206)535-5144

National Cave Management Symposium, Oct. 27-30, Carlsbad, NM.-Spend some time learning valuable cave management techniques, presentations from top cave management experts.

Direct Questions to: Jim Goodbar (505)887-6544, Dale Pate (505)785-2232 or Ransom Turner (505)885-4181

Oregon Caves Restoration, March 20/21-Sorry you missed out on this one, next trip is in November.
Contact: Jim Nieland OG, (206) 231-4298

Vertical Practice, April 3-Joint session with the Puget Sound Grotto previously scheduled to be held at Camp Long. Their facilities were found to be inadequate, please call Harp or Compton with any ideas for a suitable location.

Contact: Jim Harp CG, (206)745-1010
Mike Compton PSG, (206) 535-5144

Concrete area caves, May 2-Elderberry Cave, Razor blade straddle Cave, Ramses Cave and Jackman Creek Cave. Also there is a large unnamed pit that requires some work. Larry wants to know if anybody has access to dynamite.

Contact: Larry McTigue CG (206) 850-8614

Memorial Day weekend trip, May 28-31-The NWCA convention normally scheduled for this date has been canceled because of the NSS convention. Cascade Grotto and the Oregon Grotto will be making a joint venture to the Bend area. See Charley the Cave and Makenzie Pits weather permitting.

Contact: Libby Neiland OG

Mystery Cave, June 12&13-A 300 foot rappel down a shaft in the old Bonanza Queen Mine accesses this cave known to exist but not visited by anybody in this century. (wow-ie)
Contact: Paul Ostby CG, (206)823-5107

Prince of Wales Island, July 1-31-Great caving expedition in Alaska, numerous new discoveries every year.
Contact: Dave Klinger CG, (509)548-5480

Bog Creek & Marsh Creek Caves, August 13-15-New discoveries within the limestone of the Chilliwack Valley, beautiful British Columbia.
Contact: Dick Garnick CG, (206)671-1066

Windy Creek Cave, August 21-Cold, wet alpine caving at its best. Remember to bring along a size large, plastic garbage bag.
Contact: Bill Bennett CG, (206)255-1466

Papoose Cave, Idaho, Sept 3-6-Annual labor day rendezvous near Riggins ID. Hosted by our friends from the Gem State Grotto. Vertical cave with super formations.
Contact: Jim Harp CG, (206)745-1010

Cave Ridge, Sept 17-19-Cold, wet and vertical. This limestone weekend is planned especially for out of towners. Out of towners will be given preference over local area cavers when group size is limited.
Contact: Mike Wagner OG, (206)282-0985

Oregon Cave restoration, Nov 5-7-A small amount of work nets you a tour of the WILD areas in this great cave. Look for good food and camaraderie.
Contact: Mike Compton CG, (206)535-5144

It should be noted that while some trips die for a lack of interest, many more successful trips happen on the spur of the moment without being announced in the caver. Please contact the trip coordinator regarding any trips being planned or with a request regarding a trip that you would like to happen. Members and family of any recognized caving organization are encouraged to join us on our field trips. Non-affiliated participants are by invitation only. For additional information call:

Jim Harp - Trip coordinator

Home (206)745-1010

Work (206)388-3585

Work 1-800-562-4367 ext. 3585 or 3436

The toll free number works only from limited areas in Washington State.

Cascade Caver

Batboy Speaks

By Karl Steinke

Greetings from your chairman. I still have a little of that look of a deer caught in headlights from the shock of being elected. Having never been an officer of an organization before nor even having paid much attention to how an organization is run I feel a little lost in the high weeds. As a consequence of my ignorance I will be contacting some of you for help and advice. This is not my revenge for being elected. It is probably healthier for the grotto that there be participation, even if in only a very limited way, in the function of the grotto.

I will attempt to foster communication and encourage feedback by keeping you up to date with regular news briefs in the "Cascade Caver". I will also work to improve communication and cooperation among the local grottos. This should provide additional training and recreational opportunities for everyone as well as sharing safety tips and news on the latest finds. I know Mike Compton, chairman of the Puget Sound Grotto, has expressed an interest in improved communications. I will attempt to steer the monthly program more towards reports of local interest and educational programs of general interest on conservation, geology, safety etc. I am available at home or at work if you have comments or suggestions you would like to discuss. H 271-1260, W 885-8868

People looking for inspiration for cave trips might consider servicing or placing a register and helping out with the NSS cave use study. Contact Mike Wagner 282-0985 for guidance.

A decision on the Cascade Grotto project cave for pre and post convention cave trips needs to be made. I am not particularly familiar with the caves in that area and would appreciate some suggestions. The NSS convention guide book editor needs details for the guide book.

The convention is looking for assistance on the following projects:

Ice committee (concessions)

Recycling

Speleolympics

Section lunch committee

Sanitation (soap, TP, towels etc.)

If there is a preference for a grotto project let me know. I'm inclined towards Recycling or Sanitation. If you're attending the convention it is likely you will be contacted for assistance.

People interested in the Tongass Cave Project (exploration, mapping, logistical support for the Prince of Wales Island, Alaska project) contact me or Dave Klinger (509) 548-5480. If you remember the fine presentation Mr. Klinger gave at the January meeting you will no doubt be interested in this project. Those interested need to apply by June 1.

Little Red River Cave Part 1

by Paul Ostby & Katrina Peter

January 30, 1993. We picked up Steve Fogdall at 5:15 a.m. and headed to Southcenter Theaters to meet Bill Bennett and Christine Schlemer. Bill and Christine didn't appear so the three of us headed south armed with caving gear, cross-country skis, and directions to the cave.

There was very little snow until we got close to Ape Cave. The road up from the Sno-Park was hard-packed snow and we were tempted to leave the skis behind. But off to the sides the snow was softer so we took the skis anyway. Our hardhats dangling on the backs of our daypacks prompted some odd looks from others at the Sno-Park, but cavers are accustomed to receiving odd stares. Off we trudged.

The forest service road up from the parking area is popular with XC skiers. The well-used tracks and the gentle slope made for easy going. The hard part was figuring out where the trail was that led off from the road and up to the cave. None of us had been there before. We finally chose a likely spot and headed off through the trees, trying to convince ourselves we really and truly were on a trail despite all the evidence to the contrary.

We stopped for lunch near two adjacent

sinkholes. Steve checked out the sinkholes and reported that one had a crawlway which might bear further investigation, but that neither of the sinkholes matched the description of Little Red River Cave. While we were sitting there, a party of backpackers passed by saying they were also going to L.R.R. Cave. Watching them slogging through the thigh-deep snow, we were glad we took our skis.

We finished lunch and followed the tracks of the backpackers a short distance to the cave entrance. The backpackers were preparing to enter the cave and we also saw skis outside the entrance, so we knew there would be at least three groups in the cave including us. Changing into caving gear, we entered the cave.

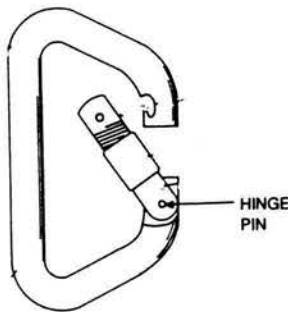
Near the entrance is a 20 foot drop which calls for caution. Let your eyes adjust to the dark before wandering around. Steve was the first one in and announced this hazard to the rest. Paul spent at least three full minutes waiting for his eyes to adjust before he realized that he still had his sunglasses on.

The twenty-foot drop is rather nasty, but fortunately there is an easier way down. A stroll around a loop passage and a ten-foot scramble down put us in the main lava tube and we were on our way.

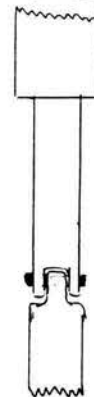
The cave has a lot of sand, dirt, and mud in it. A number of small side passages seem to have been formed by erosion and are usually muddy. In one, we found a short mud wall with rippled patches that looked as if scallop shells had been pressed into the mud. Elsewhere we found tree cinders embedded in the lava. Spiderwebs were clearly visible in some

Bat Droppings

Bat Droppings is a column of bits and pieces of useful caving information from a variety of sources and any suggestions for future droppings is appreciated.



If the gate sticks open the hinge pin is likely damaged



Make sure the hinge pin is not bent or damaged.

Carabiners are those little links which we all trust our lives to so, we should inspect them very regularly. The weakest part of the carabiner is in the gate namely, the hinge pin. The hinge pin allows the gate to pivot. This pin also takes lots of abuse. To check for damage to the pin, look at gate from the front. If the pin is bent or cocked the carabiner should be retired. Another test for a damaged hinge pin is to pull the gate all the way open and let go if the gate sticks open, the pin is very likely bent or fractured and should be retired.

places, but we didn't see the spiders. In one place, a lava bubble had burst leaving a small hole in the wall from which lava had flowed before hardening, looking something like dark toothpaste squeezed from a large tube. A small creek runs through much of the tube and deposits a red residue, no doubt giving the cave its name.

Some way down the passage, Steve suddenly asked why the floor was white. Sure enough, the floor was covered with small light-colored stones. It was pumice. If you need a laugh sometime, try listening to a philosopher, a geneticist, and an electrical engineer trying to puzzle out a geology problem. The only reasonable theory we could come up with was that the pumice had been carried in by water. The pumice does not float, and this was a considerable distance down the corridor, so it must have been one heck of a torrent of water to carry it that far. Still further down the passage, the pumice comes to a rather abrupt end.

Further on the tube slopes steeply down for a ways, and at the bottom of this we met Jerry Thompson, and Libbey and Jim Nieland. They had gone to the "lake" at the bottom of the cave and were surveying their way out. We stopped to talk for a couple minutes and Jim confirmed our theory about the pumice. With the survey crew at our backs, we continued down the tube. After a second steep section, the tube levels to a more moderate slope.

The sides of the lava tube are cracked, and from one of these cracks we saw a small rivulet flowing. The water flows down the side of the tube to join the creek. Where the water emerges and spreads, it leaves an inverted V of red on the side of the tube. We looked at other cracks with red deposits, but only that one had water flowing at that time. The cave ends in a shallow lake.

Heading back out, we checked out an upper lead that we had passed by on the way in. A precarious crawl along a ledge lead us to a relatively wide passage with an eighteen inch ceiling. This in turn opened into a twelve-foot diameter room with a three- to four-foot ceiling.

From here it was a leisurely hike back out of the cave. We emerged just in time to catch the first orange colors of sunset. We followed the tracks of the other skiers through a meadow and back up to the road. The road back to our car was just steep enough to make the return trip exciting and fast. We bundled into the car, turned on the heater, and began the long drive home.

Lechuguilla Cave, January 3-7, 1993

(Carlsbad Caverns National Park (CCNP), Carlsbad, New Mexico)

"Ach choo!", Oh damn I've picked up Dan's cold. Hum just in time to go underground. Maybe with a good nights sleep I can kick it. "Beep, beep, beep. Beep, beep, beep." Oh I feel like sit. Oh well.

1/3 Before heading out to CCNP I stopped for coffee. "Hey Chuck the orientation meeting is in 15 minutes. Oh no." Risking a speeding ticket I raced towards CCNP. All right record time. Hum, now where is this meeting. Lets try the CRF hut. "Hey Chuck where have you been? It's about time you got here." Everyone who was going on the expedition was in the CRF hut. Dale Pate was giving his first ever Lech expedition speech. There were many do's and don'ts but all and all I was impressed with Dale's manner. He just about had a cow when I asked, "Hey Dale what do we do if we discover Bat Boy in the cave? You know the creature from the Weekly World News." Dale replied, "I don't get mad I get even!" After Dale's talk we selected teams. Three teams of 3-5 people each, were to head out to the Far East. Gordon, Mike, Larry and myself were the only team to head towards the Northwest Passage. Originally, I wanted to go East but I thought with my cold that such a trip would not be a good idea. Picking the easier trip was the best choice.

As in the past, there is always someone who was not packed so I had plenty of time to kill on the surface. I need drugs and I need them now.

The "going West" team didn't start for the entrance until 10:30 a.m. From the start my pack was way too heavy. Low thirties packing is an art learned over time. Apparently, I had lost this art in the two years since my last Lech trip. Next time my pack must be mid twenties.

The wind at the entrance culvert was blowing out like mad. The wind is like nothing else ever experienced. My conservative guess put the wind speed at nearly 50 MPH. The trip in was normal with the exception of travel time. The group was really slow. We took about 7 hours to go from the entrance to Northwest passage (camp). There were several factors that contributed to the group speed. First, the heat was repressive. It was really HOT. Second, we had a 300 foot 11mm rope with us. Really heavy. Larry, the teams rock climber, had a full rack and assorted climbing goodies. His pack was heavy. Finally,

Cascade Caver Publishing and Deadlines-1993

<u>Issue</u>	<u>Deadline</u>	<u>Publishing Date</u>
March/April	March 5th	March 19th
May/June	May 7th	May 21st
July/August	July 2nd	July 16th
September/October	September 3rd	September 17th

November/December November 5th November 19th
my cold was getting worse. This didn't help the situation.

1/4 Last night I awoke in a pool of sweat. My TGF (Goretex look alike) Lech bag was way too hot. I had used the bag plenty of times on previous trips. It might be that I was climatized to cold and not hot temperatures. Mike said he always had a hard time with heat verses endurance on winter month expeditions. Whatever it was I didn't sleep well. The groups objective was a climbing lead at the top of the Northwest Passage. The lead was at the top of a 300 foot multi rope ascent. Larry and I started out with Mike and Gordon in close pursuit. We had to stage the group due to the nature of the climb. There were several tyroleans with loose rock on the climb. About mid way up Larry went off to check out a pit drop that Dave Jones had told us about. Unfortunately Dave was in error as to the dip of the pit. Dave thought the pit dropped to the Northwest. It did not. It dropped Northeast right back into the Northwest Passage fault. Larry continued poking around with Gordon and Mike checking out the fault in a Northern direction. At one point Gordon joined us. It was amusing to watch him come across the tyrolean. He pissed and moaned all the way across because didn't have his cows tail correctly sized.

Larry rejoined Gordon and I for lunch. He had not found anything worth while. Everything dropped into the ceiling of the Northwest Passage fault. After lunch Gordon rejoined Mike while Larry and I took off higher into the fault. Larry wanted to check out the progress that a "special climbing team" had made. The park had approved a special permit to let the climbing team "do it's thing." Larry also wanted to retrieve a 300 foot dynamic rope. Dave Jones had told us how high he had gotten in the fault. The special climbing team was to start from the top of Dave Jones' climb. Upon inspection, Larry and I determined that the special climbing team had done absolutely nothing in that area. The walls were not marked up, no bolts, nothing. Larry did some more poking around while I exchanged the dynamic rope for the static rope.

Before leaving, Larry and I combined our lights on the ceiling of the fault crack about 75 feet higher. It appeared the crack topped out. Upon descending I came as close to getting killed in Lech as ever before. My locking carabiner attaching my Petzel Stop to my locking link, opened up. The gate on the carabiner was some what sticky. What a scare. On the way down I messed up on one of the tyroleans. The 200 lb. (real heavy because of cave mud) 300 ft. dynamic rope that I was hauling might of had something to do with it. Anyway, I almost lost a nut!

That night, back at camp, we all bitched about Dave Jones orientation habits. As long as we were in a vengeful mood we grumbled about the "special climbing team" as well.

1/5 The group broke into two teams. Gordon and I went to the 3 o'clock Stair Case area while Mike and Larry headed off to the Northwest Passage to do a climbing lead. Gordon and I went to Avemoda Sombre (survey RBC 13 on) and climbed a crack in the ceiling. It wasn't much but we were desperate. The crack topped out after about 60 feet. The top became to small to crawl through but the air flow was strong enough to twist the flag tape survey stations. Next, we went to Paradox Room and checked out the lead that Donald didn't push two years earlier. Donald claimed that the lead was not worth breaking speleothems for, a noble justification. I had been point man when the Paradox Room was first discovered. At that time I checked every nook and cranny. So I greeted the possible lead with skepticism. The survey team, at that time, was convinced that a lead existed. It was well worth a second look. It didn't go then and it most certainly didn't go now. We were desperate. Gordon ran around checking everything.

We returned to Spar City where we checked for more cracks along the North Wall. Gordon managed to find another area worth another 100 ft. of passage.

After returning to camp, I felt good enough to check out a climbing lead up a flowstone area in Hudson Bay. The lead is above the Emperor of Hudson Bay. I washed myself before heading into the flowstone area. Dressed in white underwear (clean white underwear is a cherished item) and aqua socks I made the twenty foot climb. The passage was tight and interlayed with pools of water. The main trend was Northeast. Spar coated the walls and ceiling. At a wet flowstone area I removed my underwear, they would have never dried if they had gotten wet. Striped naked, I made my way further into the passage, large spare finally pinched off the passage.

Mike and Larry had good success, much better than Gordon and I. We bagged about 100 feet of passage. Mike and Larry reported a climb that started out on the

West side of the Northwest Passage and ended on the East side. That night Gordon started to come down with my cold. One down two to go. Bummer.

1/6 The whole group got together to survey the passage Mike and Larry had discovered 1/5. The new passage went up, leveled for a while, and then descended on the Northwest Passage (Survey RCC). In one area of the passage a rock arch existed, it was narrow in nature about 6 inches wide, 5 feet long and approximately 50 feet off the ground. Mike recalled that Larry walked across the arch during the course of the climb. I took one look at the arch and called Larry crazy. Gorilla Shit (a brown Manganese mud) covered the floors walls and ceiling. It was clear that high volumes of air flowed in the area. Etched Gypsum flakes were everywhere. There was one Gypsum bowl/bubble etched away in the center, absolutely fantastic! After finishing the RCC survey, Mike, Gordon and Larry went off to Spar City to check out the North Wall. I continued to poke around in the Hudson Bay area. I found an area that went above the ceiling in Hudson bay. Later I joined the gang in Spar City.

It was at this time a rift/squabble occurred in the group. Larry, who wants to climb, climb, climb, wanted to check out a climbing lead in the 3 o'clock Stair Case. Donald (Davis) and Larry had looked at this climb two years ago. Mike adamantly remembered Larry saying that the climb did not go anywhere, just ended. Gordon and I didn't really want to go back to the 3 o'clock Stair Case. We were both really tired of that area. Besides, Gordon now had my cold and mine was in full ferry. I felt like SIT. However, I argued in Larry's favor to do the climb. It was the best thing to do given the current situation. We had been skunked. All we had was about 500ft. of passage. We were going to be laughing stocks. We had all of the resources to do the climb. A cave climber, rope, time, climbing rack, and a lead. Mike was flatly against it. Gordon was sort of neutral. Both Larry and myself were all for it but Larry wanted someone to belay him. Now I remember this area real well, lots of exposure. A fault crack that gets wider at the top so climbing gets harder as you move up. It freaked me out really good two years ago when I was feeling good but, this time I had a cold and felt like guano. The only rope we had on hand was only fifty feet long. Fifty feet wasn't going to be much of a belay line. It would barely be enough for me to anchor with. Larry ended up making the climb alone. We agreed that if he wasn't back by midnight, I would go back for him. The

three of us returned to camp without Larry. Shortly thereafter we went to bed.

At about 11:05 p.m. Larry returned to camp. To me, his return was a fantastic event. Having to go and look for him was not sitting well with me. He strolled in to camp and sat down. He had that virgin passage smile. I could tell it anywhere. Larry started to rattle off all kinds of details of lakes, borehole passage, giant rooms, the whole nine yards. We caused so much commotion that soon Mike and Gordon were down at camp listening in. "Well what are we going to do? We can't leave it for someone else to scoop." We thought for a while. "OK we will get up at 5:00 a.m. and survey to 2:00 p.m., everyone to bed." Before going to bed, Larry went off to retrieve rope in the Northwest Passage for the following day. The climb in the 3 o'clock Stair Case was some 300ft. (Boy 50ft. of rope would have been a good belay. Larry said he just wanted somebody to be there.) Of course after a story like that, who could get to sleep.

1/7 "Morning everyone. Mike what the hell are you doing up half an hour early?" Oh god I felt like sit. Another night in the "oven roaster bag." Ah, but this morning were off to survey large virgin passage. And large it was. The main survey name was RY with splinter surveys RYA and RYC. We went crazy. We passed large going leads in favor of even larger passage. All of us agreed to let Larry name the new passage. He named the lake Castle Lake because of the small formation that looked like a castle. The new area was named Here be Dragons. A large room was named Dragons Lair. His justification was that the new area was going to be on the edge of the map and recalling old 1400 century maps, outer unknown fringes were marked Here be Dragons. It was a cool naming scheme. Everyone liked it. The excitement of virgin passage drowned my cold, it was intoxicating.

At about 2 o'clock we retraced our steps back to camp. I felt totally satisfied. Tired, but satisfied. We all packed our camp areas and headed out of the cave. The trip out was a real bitch. Everyone always brings way too much food so you use the old backpacking strategy, eat all the extra. Sad to say this is not a good strategy in a cave environment because you end up packing out all of your waste anyway. Conservation of mass is the way to go. At the top of the Great White Way I became delirious I was dreading the long climb up Boulder Falls. I was the last one to exit the cave, 10:30-11:00 p.m.. Boy what a trip!

APE CAVE INTRO TRIP.

Cougar, Washington
by Scott Davis

On Saturday, March 6th a group of new cavers was taken on a trip through APE cave by some OLD hands from the grotto. The newbies were Rhonda Newton, Rebeca Hartzell, Delmis Sonneson, Jim Goodwin, and Ben Wiggins. New to our area was Dawn Kiss an Eastern caver. On the sunlight phobic side we had Michael Compton, Wendel Pound, Robert Mitchell, and myself. Compton left Tacoma at his customary 5am so he could eat a gargantuan breakfast of grease and cholesterol at Jack's in Cougar. There he hob-nobed with the local forest service personnel to get the inside tract on their perspective of cave conservation. He found that the forest service intends to beef up some of the cave protection. Some gates may be installed and Little Red River is a prime candidate to receive a new one. Some help from the grottos may be requested to haul material for the construction. Volunteers are also being sought to help put numbered brass plates near the entrance of all caves in the area. This will be used to clarify names of caves that keep getting "discovered" repeatedly. The second car pool left at 6am and we all met up at Jack's at 9 o'clock. We found Michael inside full of information and lard.

From there the train of cave vehicles headed up the highway. It was a beautiful cloudless day. The views of Mt. St. Hellens wrapped in her winter blanket were an added bonus. The road was bare and dry, but as we approached the cave area the piles of snow on the sides of the road got very thick. The plowing ended at the Lake Cave parking lot where we all came to an abrupt stop. Of course they didn't plow the parking lot itself so we started filling one lane of the roadway.

It was about a 3/4 of a mile walk to the Entrance of Ape Cave. There was a path semi-worn into the snow from recent groups. The commercial stairway into the cave had become smoothed over with ice. This man-made intrusion of convenience was now much more challenging.

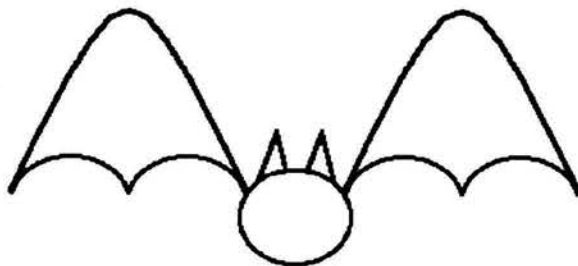
We then headed up-tube for the 1.5 mile trek to the upper entrance. Robert demonstrated to the beginners

why not to use carbide lamps. His flame was spitting and popping half the way up the tube. Wendel and Ben did some through exploring of some of the side passages along the way. Despite our instructions Ben came back WITH Wendel every time. The neophytes made it up the few chimney climbs with no problems. Before long we found ourselves at the sky light. There we had a slight delay of about 40 minutes as Mike took "the perfect cave photo." Soon after we reached the end of the cave and surfaced. Our dilated pupils were blinded by the glaring sun and snow covered ground. It was a whiteout assisted by snowballs flying in every direction. We managed to recover and ate lunch in the warmth.

Jim, Del, and I decided to return by the surface trail even though it was buried under 4 feet of snow. The weather had left a thin crust on the top of the snow. It was just strong enough to hold our bodies up most of the time. About every 10th step one leg would sink up past the knee. It made for a lot of trepidation and face plants. After backtracking a few times we finally found the main entrance to the cave.

After 25 minutes the rest of the group surfaced. They returned with a cave souvenir of half of a plastic bag of garbage that they had collected along the way back. Rebeca sported a cave gift too, a twisted ankle. She refused any help until we got back to the car where it began to swell. Homemade ice packs kept the swelling down and she has recovered well. Her footwear was simple walking shoes. As the experienced ones we should have impressed the need for ankle support for this kind of a trip. We did require a helmet and two light sources so we weren't completely delinquent in our duties. Driving out was a challenge as the sun had brought out a swarm of tourist. People and cars were strewn all down the road.

Everyone had fun on the trip and all of the inductees said they would like to do it again sometime. Enjoying his second trip, Jim decided to join the grotto and become a regular member of this group of irregulars.



A Biological Timing Guide for an Ethical Caver

J. Mark Perkins, NSS 7016

I have long been "extolling" on the necessity of protecting cave resources, and caving responsibility to that effect. The subject I have most frequently dealt with has been in regards to bats, *P. townsendii*. I have prepared five lists of caves for this article. Two concern timing of your visits your in order to avoid disturbance of bat nurseries or hibernacula. One is a list of caves which bats are not known to use. One is a list of those caves where only one or two bats hibernate. This list is for those who would like to photograph bats. Another list is of caves where electric lights are recommended. This will help to prevent carbide "spill" and dumping which could be poisonous to the invertebrates who inhabit the cave. These lists have been five years in development. There are several new caves, particularly near Bat Cave in Washington, which I have not yet surveyed. This list is open to recommendations one way or another from interested Grotto members.

The recommendations are noted here are not endorsed by Grotto officers, executive committee members or any individuals within the Grotto. (These recommendations are also not endorsed by Cascade Grotto and its officers and members.) I prefer to allow you to determine your own level of caving ethics, based upon knowledge, not mostly unenforceable rules.

I have followed the naming noted in the 1972 and 1982 guidebooks, plus other names I attached to caves or names

told to me by the cave's discoverer.

List #1 - Caves Open Year Round

Mt St. Helens

Ape
Beaver
Beaver Bay
Christmas Canyon
Cougar
Flow
Gremlin
Hunter Camp
Lake

Little Red River
Manhole
Rockpile
Stan's
Utterstrom (5)
Wiggins Pits (4)

Mt Adams

812
Apple
Asher's
Ashhole
Beer Bottle

Bills
Bone
Candle
Caryl's
Cemetery
Cheese
Conepicker's
Cougar Den
Deadhorse
Dead Bear
Dot's
Dry Creek
Dry Creek Annex
Dynamited
Fallen Arches (3)
Firecracker
Freese System (4)
Gopher Hole
Grouch
Hoarfrost
Ice
Ice Rink
JaR
Jennings
Jug Caves
Lower Dry Creek (2)
Lava Bridge
Massey's Barn
Meat
Mike's
Niskanen
Overflow
Overlooked
Outhouse
Peterson's Ridge
Peterson's Prairie
Pickard's Sink
Picking's
Plank
Pond 1
Pond 2
Potato
Prickly Floor
Quill
Revolution Roadside
Saymill Site
Sleeping Beauty (3)
Slide
Slime
Sour Grapes
Searpoint
Stairwell
Thanks

Tumulus
Tooth
"Y"
Wind River
Break Down Mtn
Datus Perry
Datus Perry's New Cave
Datus Perry's Dug Cave
Falls Creek Cave
Falls Creek Annex
Falls Creek Falls
Folger's
Pika Here
Rat's Pit
Salamander
Three Sinks
Volunteer
Wart System

Jordan Craters All Caves

Saddle Butte

Baker Cave
Bullet
Can Cave
Double Pit
End
Evening
Finally a Cave
Fire Pit
Garbage Pit
Kitty Pooh
Ditty Pooh Extension
One Station
Raven Pit
Rattlesnake 1
Standing Arches
Thunder
Three Forks

Central Oregon

Arnold Ice
Barbed Wire
Barnes Butte
Benjamin Lake
Ben's
Boyd
Button Springs
Charcoal 1 & 2
Cleveland Ice
Consolation

Membership List

FirstName	LastName	Address	City	State	ZipCode	Phone
Bill	Bennett	1626 Grant Ave. So. #C202	Renton	WA	98055	(206) 255-1466
John & Coreen	Benson	10619 82nd Ave. NW	Gig Harbor	WA	98335	(206) 851-7417
Dean	Berg	15806 60th Ave. W	Edmonds	WA	98026	(206) 743-1569
Robert	Brown	P.O. Box 2	Elbe	WA	98330	(206) 569-2724
Wayne	Cebell	7026 Puget Beach Rd.	Olympia	WA	98516	(206) 491-6219
Roger	Cole	4003 Wauna Vista Dr.	Vancouver	WA	98661	(206) 699-5397
Michael	Compton	P.O. Box 293	Yelm	WA	98597	(206) 535-5144
Jim	Cornelius	7745 29th NE	Seattle	WA	98115	(206) 524-3291
Rod	Crawford	Burke Museum (DB-10) University of Washington	Seattle	WA	98195	(206) 543-9853
Bob	Davis	2215 Minor E.	Seattle	WA	98102-341	(206) 328-8960
Scott	Davis	20614 114th St. Apt. B	Sumner	WA	98390	(206) 862-1035
Phillip	Erickson	1411 90th Dr. E	Everett	WA	98201	(206) 335-5774
Stephen	Fogdall	1908 21st Ave. E	Seattle	WA	98112	(206) 324-4828
Dick	Garnick	1101 N Forest #104	Bellingham	WA	98225	(206) 671-1926
Fred	Hale	1729 Boylston #7	Seattle	WA	98122	(206) 860-1257
Dr. William	Halliday	6530 Cornwall Ct.	Nashville	TN	37205	(615) 352-9204
Ray	Hardcastle	8931 Triple Ridge Rd.	Fairfax	VA	22039	
Jim	Harp	1731 S. Lake Stickney Dr.	Lynnwood	WA	98037	(206) 745-1010
Greg	Hollenbeck	21307 E. Lost Lake Rd.	Snohomish	WA	98290	(206) 668-7578
Richard	James	6206 NE 70th	Vancouver	WA	98661	(206) 694-7113
Tom & Sandy	Kilroy	4834 S Brandon St.	Seattle	WA	98118	(206) 760-0947
Dr. Eugene	Kiver	S 22202 Frog Hollow Lane	Cheney	WA	99004	(509) 235-6448
David	Klinger	P.O. Box 537	Leavenwort	WA	98826	(509) 548-5480
Kwang	Lee	P.O. Box 85086	Seattle	WA	98145	(206) 634-0856
Alan	Lundberg	19221 38th Pl. NE	Seattle	WA	98155	(206) 365-7255
Larry	McTigue	2713 Meadow Ave. N	Renton	WA	98056	(206) 850-8614
Becky	Michaelis	E 607 Cascade Pl.	Spokane	WA	98208	(509) 466-4120
Robert	Mitchell	9715 S. 248th Apt. D-14	Kent	WA	98031	(206) 850-7237
Bruce	Nagata	P.O. Box 753	Winterpark	CO	80482	
Gene & Erica	Nelson	1138 18th E	Seattle	WA	98112	(206) 328-3005
Paul	Ostby	P.O. Box 82486	Kenmore	WA	98028	(206) 823-5107
Donald	Robertson	14507 W 7th Pl. #3	Bellevue	WA	98007	(206) 232-2932
M.L.	Robinson	3000 60th SW #402	Seattle	WA	98116	(206) 935-7464
Charles	Rogerson	1315 138th Ave. NE Apt. #27-4	Bellevue	WA	98005	(206) 545-5256
Christine	Schlemer	1626 Grant Ave. So. #C202	Renton	WA	98055	(206) 255-1466
Mark	Sherman	9417 8th Ave. NE	Seattle	WA	98115	(206) 524-8780
Steve & Jenny	Sprague	15220 39th Ave. NW	Stanwood	WA	98292	(206) 652-6489
Karl	Steinke	13125 SE 149th ST.	Renton	WA	98058	(206) 271-1260
Robert	Stitt	1417 9th Ave. W	Seattle	WA	98119	(206) 283-2283
Tom & Blythe	Strong	3260 Walnut Ave SW	Seattle	WA	98116	(206) 938-3957
Jerry	Thompson	6111 88th SW	Mukiltio	WA	98270	(206) 355-4900
Ben	Tompkins	18002 1st Ave. NW	Seattle	WA	98177	(206) 546-8025
Mike	Wagner	2770 Westlake N	Seattle	WA	98109	(206) 282-0985
Richard	Walter	P.O. Box 571	Porthill	ID	83853	(604) 428-2495
Steve	Wiel	3815 NE 4th #F211	Renton	WA	98056	(206) 277-4241
Dan	Zak	1011 215th St. SE	Bothell	WA	98021	(206) 483-1947

Edison Ice (4)
 Garbage 1 & 2
 Hairpin
 Hideaway
 Hidden
 Hidden Forest
 Holsinger's
 Horse 1 & 2
 Ice Box
 Jenkins
 Late to Lunch
 Lavacicle
 Lily
 LTB Ice
 Lost
 Malheur
 Moss Pit
 Mushroom #2
 Paulina
 Palamish Butte
 QMC, Upper
 Rat Falls
 Redmond (3)
 Roadside
 Sheridan
 Siah Butte
 Deg (2)
 Derrick (3)
 Distillery
 Skeleton #2
 Summersault
 Stu's Stomping Stall
 Surprise
 Surveyor's Ice
 Stepladder
 Stevens Road
 Stove Tree
 Young's

Western Oregon
 All Sea Caves (watch for tides)
 Ten-Mile Mtn

List # 2 - Caves to Avoid in Winter

Mt St. Helens
 Bat

Cascade Caver

Blue Ribbon
 Dollar and a Dime
 Little Peoples'
 Ole's
 Prince Alpert
 Spider

Mt Adams
 Back Bone
 Big Trench
 COG
 David's Den Annex
 Goose Ice Rink Annex
 Jug (east tube)
 Madison's Fence
 Poacher's
 Christmas Tree

Saddle Butte
 Burns
 Coyote Trap
 Owyhee
 Rattlesnake #2
 Tire Tube

Central Oregon
 Charlie the Cave (lower passage)
 Deg (if possible)
 Lava River
 Lee's
 Lower QMC
 Officer's
 Pictograph
 Skeleton
 Stookey Ranch
 Wind

Western Oregon
 Scott Mt Talus
 Blue River
 Mowich
 Grant's Park
 Fish Creek

List #3 - Caves to Avoid in Summer

Mt St. Helens
 Powerline
Mt Adams
 Christmas Tree
 Poachers
 Big

Wind River
 Curly Creek

Saddle Butte
 Finally a Cave
 Cat-be-gone

Deschutes
 Charlie the Cave (short upper portion)
 Barlow

List #4- Caves Where Use of Electric Lightsources are Recommended (any cave from list #5 to photograph bats.)

Mt St. Helens
 Little Red River
 Lake (in Spring)
Mt Adams
 Deadhorse

Charcoal #2
 Stove
 Mushroom

I hope you will find this information useful in planning your caving trips. Thank you for caving softly.

Pond 2
 Slime (in Winter)
 Wind River
 Three Sinks
 Datus Perry's New Cave
 Folger's

Central Oregon
 Malheur Cave

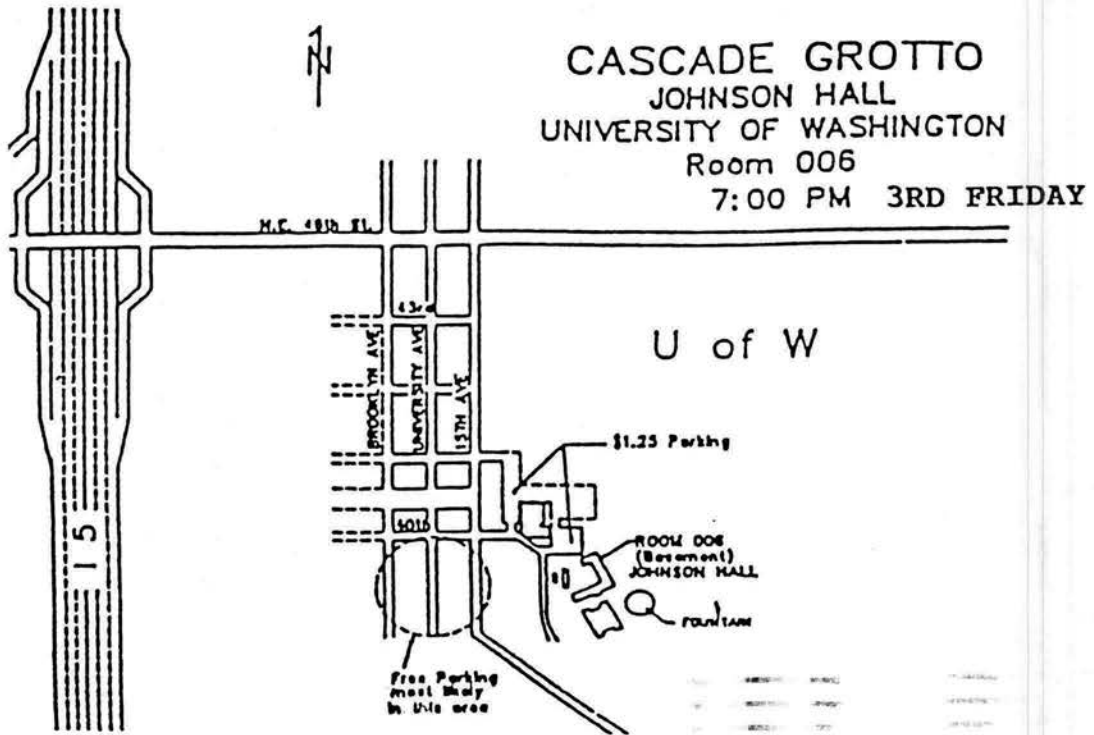
List #5 - Caves to Photograph Bats.
 The following Caves usually contain one or two Townsends bats to photograph

Mt Adams
 Dot's
 Dry Creek
 Dead Bear

Wind River
 Falls Creek Annex

Saddle Butte
 Baker

Deschutes
 Derrick (and associated caves)
 Boyd



Cascade Caver
P.O. Box 75663
Seattle, WA 98125-0663



99/99
 Windy City Grotto
 c/o Ralph Earlandson
 516 Harrison St. #C
 Oak Park, IL 60304-1446

Address Correction Requested