



THE CASCADE CAVER

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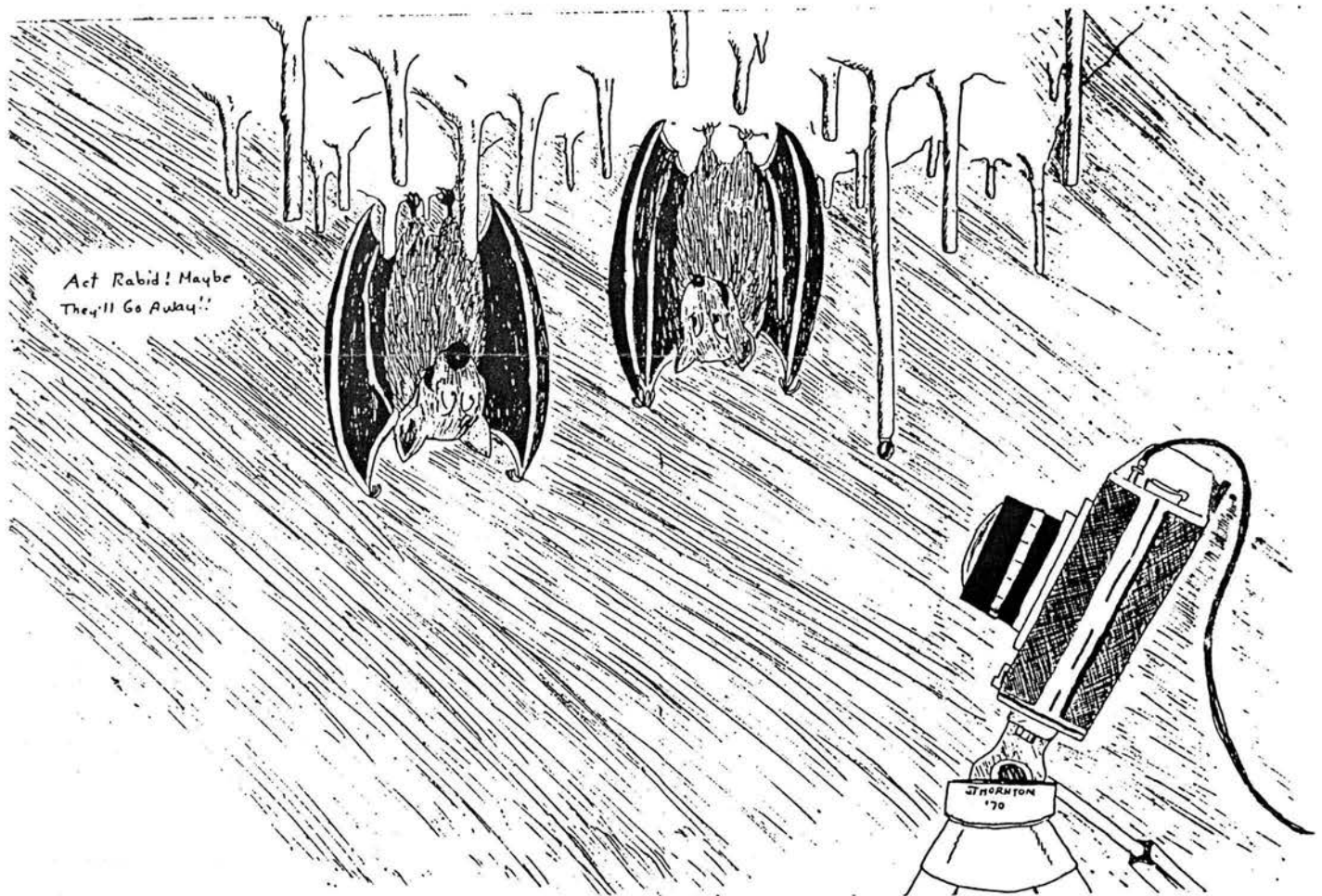
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Assistant Editor: Ben Tompkins



THE CASCADE CAVER

The Cascade Caver is published 10 times a year by the Cascade Grotto which is a member of the National Speleological Society.

The Cascade Grotto meets at 7:00 pm on the third Tuesday of each month at:

1117 36th Ave. East, Seattle
This is on the corner of 36th Ave East and East Madison.

Annual dues of the Cascade Grotto is \$7.50 which can be sent to Grotto Treasurer: Al Lundberg, 19221 38th Place NE, Seattle, WA 98155.

Grotto Officers:

Chairman:	Mark Sherman	524-8780
Vice Chairman:	Jim Harp	745-7010
Sec/Treasurer:	Al Lundberg	365-7255
Regional Rep:	Ben Tompkins	524-9526
Grotto Store:	Jim Harp	745-7010
Editor:	Mark Sherman	524-8780

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MEETING MINUTES

The January meeting was remarkable for its record-setting brevity. The new Grotto officers were announced and Fred relinquished center stage to Mark Sherman. Jim Harp was elected to the Vice Chairman spot and will also soon be taking over the Grotto Store from Mark and Ben. Relieved of this weighty responsibility, Mark and Ben are free to continue as editors of the Cascade Caver. Al Lundberg continues his stint as Treasurer and Ben Tompkins was elected Regional Representative.

Jim Harp has been looking around for a new place for the grotto to meet. If any one has suggestions please contact Jim. Meanwhile, it was voted to move the meeting time to 7:00 pm, one hour earlier, beginning with the March meeting.

Funds that were voted for support of the National Cave Protection Law and also for the Northwest Cave Research Institute have been sent.

February: No suitable meeting place has been found yet. According to the Treasurer the annual report has been filed and the treasury currently contains \$110.

Tom Miller showed slides from his last trip to Belize to complement his reports in the Cascade Caver. The slides were followed by a movie about the eruption of Mt. St. Helens.

EXCHANGE PUBLICATIONS

The Cascade Caver would like to exchange issues for publications of other caving organizations, especially in the Western U.S. and Canada. few back issues available but we would gladly include you on our mailing list as long as we continue to receive what we consider a reasonable number of the issues that you publish each year. If you are already mailing a

publication to the Grotto address but aren't on this list then keep sending, I will put you there.

The following Grottos are currently exchanging publications with the Cascade Caver.

Gem State Grotto,
Massachusetts Caver,
Nittany Grotto,
Oregon Grotto,
Salt Lake Grotto,
Timpanogos Grotto,
V.I.C.E.G.
Windy City Speleonews

PUBLICATIONS RECEIVED

The following publications have been received by the CAVER staff. If time permits we may list a few highlights from each one.

VICEG NEWS, Vol 14.8 Aug 84, Vol 14.9
Sept 84

INNER MOUNTAIN NEWS, Salt Lake Grotto,
Vol 16.1 - Vol 16.7 (all of 1984)

NORTHWEST CAVING, Vol 14.1, 14.2 1984.

DUES

The following Grotto members or subscribers are overdue or will be coming due soon. Please note your dues date on your mailing label.

11/84 R Farmer, Randy
12/84 R Halliday, Dr. William R.
3/85 R Corbin, Larry
3/85 R Dickey, Fredrick
3/85 S Foord, Andrew
3/85 R Harp, Jim
3/85 R Lundberg, Alan
4/85 R Tupper, Ed
4/85 A Vance, Randy
4/85 R Walter, Richard

CAVE MANAGEMENT SYMPOSIUM
Ben Tompkins, Regional Rep.

This regional symposium was the first of several cave management training seminars being held in the United States this year to bring together cavers and cave managers in each region of the country. It was hosted by the Salt Lake Grotto under the admirable direction of Kirsten Stork and I would like to thank everybody involved for their hospitality and the quality of the program. Somewhere below you will find a list of the materials I brought back and I'll leave it to you to guess how many dead-weight tons I had crammed in my briefcase on the way home.

The business meeting of the Northwest Regional Caving Association was held at the end of the first day of speakers. The first item up was the Northwest Cave Research Institute and the Bighorn Cave Project. The regional representatives discussed whether to join the Institute, donate to the project or both. In the end no action was taken because several of the grottos had just gotten the project description and had had no chance to discuss it themselves.

The joint regional idea seems to be still up in the air. The eastern Nevada site is apparently already spoken for but two other sites were suggested that might accommodate a joint regional.

Another issue of the Northwest Caver has just come out and editorship is being passed to Jean Cassidy in Salt Lake City. Funds have been committed from the NCA coffers for the next issue all that's needed now is more articles. You prolific authors out there who are hoarding your material waiting for a publication with a wider distribution than the Cascade Caver, this is it. This is your chance.

I brought home the following materials from the symposium. They are part of my personal library but I managed to pick up extra copies of about 20% of it

for the Grotto when I could do so without short-changing anyone at the symposium. I also purchased an additional copy of the Cave Management Bibliography so that the Grotto could have one.

Management-Education-Interpretation, Phil Whitfield. outline. w bib.
Monitoring the Cave Resource, Phil Whitfield. Outline. w bib.
Recommended reference list.
Fauna and Habitat Considerations, Tom Aley. outline.
Surface and Hydrological Relationships, Tom Aley. Outline.
Establishing Use Levels, Tom Aley. Outline.
Bibliography of Cave Conservation and Management, George Huppert. 41 pages.
Memorandum on Cave Management Policy, BLM.
Memorandum of Understanding between BLM, NSS, and the CRF.
Cave Inventory and Classification Systems, J.B. Hummel, BLM. 24 pages.
Management by Prescription, J. Nieland, N.F.S. Gifford Pinchot.
Cave Gates - Design and Construction, Jim Hathorn, outline, ref
Access Restrictions - Rules and Regulations, J. Thornton
Volunteer Program Development and Administration, J. Thornton.
Caving Liability, T.E. Casey
Cave Management on National Forest Lands - Selected Laws.
Gates. (for caves with bats)
Bat Management. Outline
Signs. (samples of signs used on caves containing bats)
Gating As a Means of Protecting Cave Dwelling Bats, Aley and Rhodes.
Variation in the Cave Environment and its Biological Implications, Zuber.
Protection of Threatened Cave Bats, Mohr.
Partial Bibliography on Bat Management.
Offices of endangered Species, Federal Wildlife Permit Office.

CAVING INCREASING IN HAWAII

William R. Halliday, M.D.

Suddenly caves and caving are in the public eye in Hawaii. Local giveaway publications are full of cave references and photos perhaps because of some ill-fated publicity given local explorers a couple of years ago in what may be part of Kazumura Cave. Commercial trips to sea caves and submerged lava caves are being actively promoted. American Dive Hawaii's brochure shows divers in a submerged lava tube. Another cave in the Kona area is depicted in an article in an issue of Hawaii, which is a bimonthly publication of Hawaiian Air. Kauai's famous Fern Grotto is heavily advertised by the companies that run boat trips to it (worth seeing once, although only a grotto.) Two separate boat tour services based on Kauai have photo ads of trips into sea caves on the Na Pali coast. New books on Kauai and Maui mention other caves in the Na Pali area and in Haleakala. About all that seems to have been dropped from the throwaways of 10 years ago are references to "Ancient burial caves which still exist all over the islands of Hawaii." Kaumana Cave in a county park near Hilo is, like Ape Cave, essentially undeveloped but numerous local people get their start caving here. Over the years, a lot of caving has been done very quietly in the islands, much of it for the purposes of robbing burial caves. More recently there is reason to believe that electric lights are being used to grow marijuana in at least one Big Island cave.

So with increasing urbanization of the cave areas of Puna and Kona, the Hawaii Caves Conservation Task Force of the N.S.S. is urgently looking for ways to preserve the unique scientific, cultural, and recreational values of the Hawaiian caves. Thus in December 1984, I met in Honolulu with Frank Howarth and Earl Neller and in Hilo with Fred Stone

to discuss what might be done. One distinct possibility is an invitational cave management symposium in late 1985 or in 1986, perhaps in Hilo. The task force will probably in the near future intensify their systematic inventory of the caves, at least of Oahu and Hawaii.

As part of this inventory, Earl, Marcia, and I mapped Judd Street Cave in Honolulu. It turned out to be even more complex (and muddy) than I had expected from my July reconnaissance. Part of my field notes are illegible and rechecking will be necessary. About 4 inches of water was standing in the junction room. The cave is on state land and is officially listed as a burial cave reserve although the cave is so badly trashed that no evidence of burials seems to be preserved. It has about 350 feet of passages which are mostly crawlways. We came out so muddy that we had to go to Waikiki Beach State Park to wash up rather than the hotel - the only time on the entire trip that we got into the water.

On the Big Island, Fred and I had a look at a cave near Volcano whose local name has not been determined. For the moment I am calling it T-Tube. It is entered via a 30-foot free rappel and has several notable lavafalls with plunge pools at their bases. Down-tube we stopped at a lavafall which is 40 or 50 feet high and led to a skylight. Up-tube it is necessary to step across a long gap at the top of a 20-foot lavafall which cascaded to the floor of the entrance grotto. I chickened out because there was no belay and I could see that there was already one skeleton at the bottom. This cave appears to demonstrate extensive erosion in red granular lave, somewhat like Ape Cave, and thus is of unusual geological interest.

After a quick snack in Volcano, we headed for John Martin's Cave where we visited and photographed a few thousand feet but did not find the orange pahoehoe floor so spectacularly photographed by the Allreds a few years ago.

We emerged after dark and Marcia was unsure about finding her way back to the car because the orchid grass was higher than her head. But Fred and I were tall enough to see the lights of John's house so navigation was not that much of a problem. John Martin himself was on the mainland but his caretakers were home.

Caving in Hawaii has its own special problems so cavers planning to go underground anywhere except in the tourist caves should contact one of the Hawaiian Caves Conservation Task Force members in advance: Frank (Francis) Howarth, Earl Neller, or John Martin.

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TRIP REPORTS by Tom Miller
Friar's Hole Cave System, WV

I was spending some time in Toronto, Canada, so I contacted Gary Dunkley and Steve Worthington. We left Friday evening for the 13-hour overnight drive to West Virginia (Puget Sound cavers don't realize how good they have it!) We soon discovered that Gary's vehicle was developing some bad electrical habits that required a 30-minute wait if the ignition was turned off. Unfortunately, Gary had developed the good habit of shutting off the motor whenever he stopped for gas in spite of our urgent reminders not to do so. This added an extra hour to our trek. We arrived at 4 A.M. and slept for some hours in the fieldhouse provided by Gordon and Alda Mothes, owners of the Friar's Hole cave Preserve.

Hills and Bruffey Caves. Nov. 17, 84.

Saturday was sunny and beautiful. To pass time until dark, we checked on water levels in the numerous streams draining into the caves. The land owner of the Hills/Bruffey entrance (about 8 km from the fieldhouse), disliked outsiders, to put it mildly. Steve charitably wished to avoid bad landowner relations, mostly by not having the

owner learn of our trip, so we entered after dark. This should also lessen the accuracy with which the owner could fire his shotgun.

Without lights, we stumbled for a mile through fields and forest to the stream entrance. The winter sky was clear and temperatures were -10 oC or below. To prepare for the low ducks just inside, I wore only shorts and a nylon oversuit, dragging the rest of my clothes behind in a well tied garbage bag. We passed through a series of ducks with only a few centimeters of air space. The only reason I was sure that the water was still above freezing was that it was not yet solid. Finally we were stopped for lack of air space. Steve confirmed that the duck ahead had inexplicably sumped while Gary and I shivered uncontrollably. Visions of functionless brass monkeys danced in our head. We routed and dashed back through the frosted fields to the car where we spend half an hour attempting to overpower frozen boot laces and pull off the rocks that froze to our clothes. Time: 45 min.

Stay tuned! The action picks up a little in the Friar's Hole System, next time as Tom visits Crookshank's Pit, Rubber Chicken, Toothpick, and Snedegar's Caves.

Don't forget... Next meeting March 19th at 7:00 at 1117 - 36th Ave. East
