

THE CASCADE CAVER  
official publication  
of the  
Cascade Grotto of the  
National Speleological Society

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Volume 9 no. 5    Editor: Dr. William R. Halliday    May 1970

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COMING EVENTS

- April 25-26. Mt. St. Helens cave area trip- call Chuck Coughlin ME2-4898
- April 27. Meeting at 816 N. 47th St. at 8 PM for cavers planning on the July 4 Summit Caves trip.
- May 2. Washington, D.C. The NSS Board will decide whether the NW gets the 1971 Convention.
- May 3. Big Four Ice Caves trip. Call Charley Anderson, ME 2-4898 (new).
- May 9-10. Jackman Creek area scouting trip. Call Jan Roberts, PR8-8503.
- May 16-17. Paradise Ice Caves trip. Call Charley Anderson, ME2-4898.
- May 18. Regular meeting, Hallidays, 1117 36th Ave. E., 8 PM.
- May 23-24. Crevasse practice, required of all going to Summit Steam Caves. Call Chuck Coughlin, ME 2-4898.
- May 29-31. Papoose Cave, Idaho. Invitational potluck dinner for all NW cavers; with slide show and movie. Mapping and possible gating. Call Bob Brown, RO 3-9094.

The following mountaineering trips are tentatively scheduled, weather permitting, but will be rescheduled so as to provide equal experience if weather problems interfere. These are required of cavers going to the Summit Caves July 4:

- June 6-7: Mt. St. Helens climb
- June 13-14: Mt. Adams Climb
- June 20-21: Mt. Baker Climb.
- June 27-28: fill-in, depending on weather. Camp Muir possibly.
- July 3-4: Summit Caves of Mt. Rainier.

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RECENT TRIPS

Yr editor checked Chelan Ice Cave April 23. Considerably less ice than usual at this time of year, although there were some small ice stalagmites among some nearby boulders.

A large party from the grotto joined an equally large group from Victoria, B.C., led by Ken Sinkiewicz April 11-12, for a work party in Euclatawa Cave. The sealed entrance was temporarily reopened, and the cave mapped from both ends to the middle. A fair number of photos were taken and the cave re-sealed. Beautiful and wet; no wonder the Canadians are enthusiastic about it. Nearby River Bend Cave was mapped as far as the temporary siphon; fluorescein introduced there appeared at the siphon in Little Horne Lake Cave in about 90 minutes - a bit of a surprise. It would be nice to go back and finish mapping this summer when the siphon in River Bend is down. Don't think the one in Little Horne Lake ever opens up. Ron Pflum and Claude Smith were so enthusiastic about the island that they went back for 10 days the next week - no report from them yet.

Vol. 2 #2

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Seb..

The N.S.S. Board voted NOT to give the Pacific Northwest the 1971 Convention. Instead it will be hosted by the Virginia Polytechnic Institute Grotto. The 1970 Convention will be in Pennsylvania as scheduled with field trips in West Virginia.

As soon as we learn which members of the NSS Board voted which way, we will pass the information along.

BUT LOOKING TO 1972 .....

The likelihood of our getting it appears excellent. And we can use the extra year getting ready.

Our biggest selling point is that this will be the greatest convention ever held by the N.S.S., in the most beautiful area. The Oregon Grotto has advanced a truly great proposal, the townspeople of White Salmon are overflowing with enthusiasm and hospitality, and the cavers of the Pacific Northwest are united in determination to support the Oregon Grotto in every possible way.

Plans already are underway toward the guidebook, and the logging roads of Skamania and Klickitat Counties will be busy this summer as we work out field trips for the Convention - on the assumption that we will get it in '72. This newsletter and the Oregon Speleograph will contain information on specific items that need to be checked out. One example: the grotto files contain a report of a cave in the lava flow near Bird Creek Meadows northeast of Trout Lake and almost at the foot of Mt. Adams itself. No one in organized speleology is known to have ever checked this area.

So far no other western area has expressed interest in hosting the 1972 Convention - and in the regular sequence, it is the West's turn in 1972. We now learn that contrary to earlier rumor, New Mexico is NOT going to bid against us. But this means little. Three months ago, VPI wasn't going to bid for the 1971 meeting.

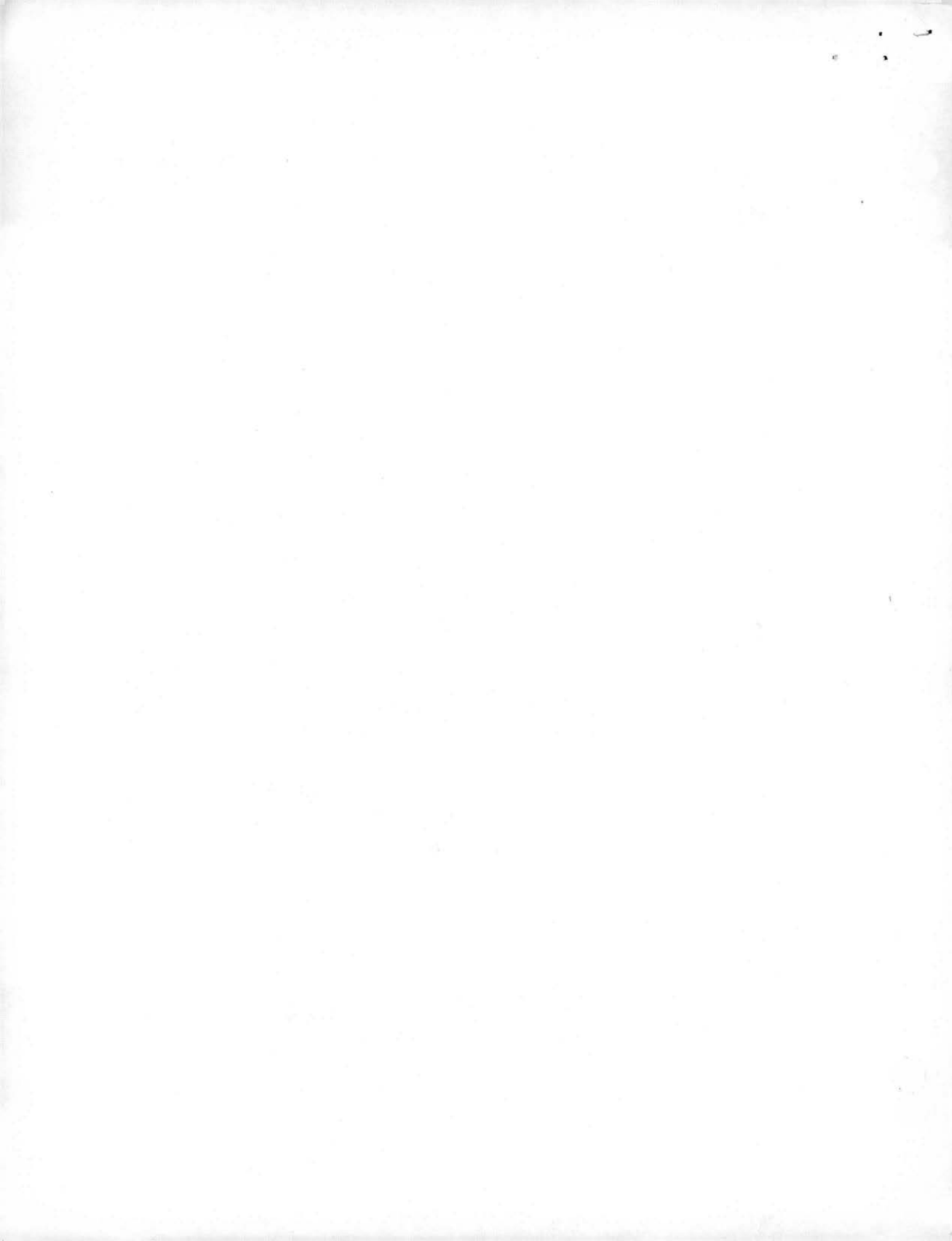
So -- whenever you get a chance, talk up the idea. Let the rest of the NSS know what they are missing by not having the 1971 meeting here, and how much more they will miss if the 1972 Convention goes elsewhere. By building and maintaining a high rate of enthusiasm, our chances will be greatly increased.

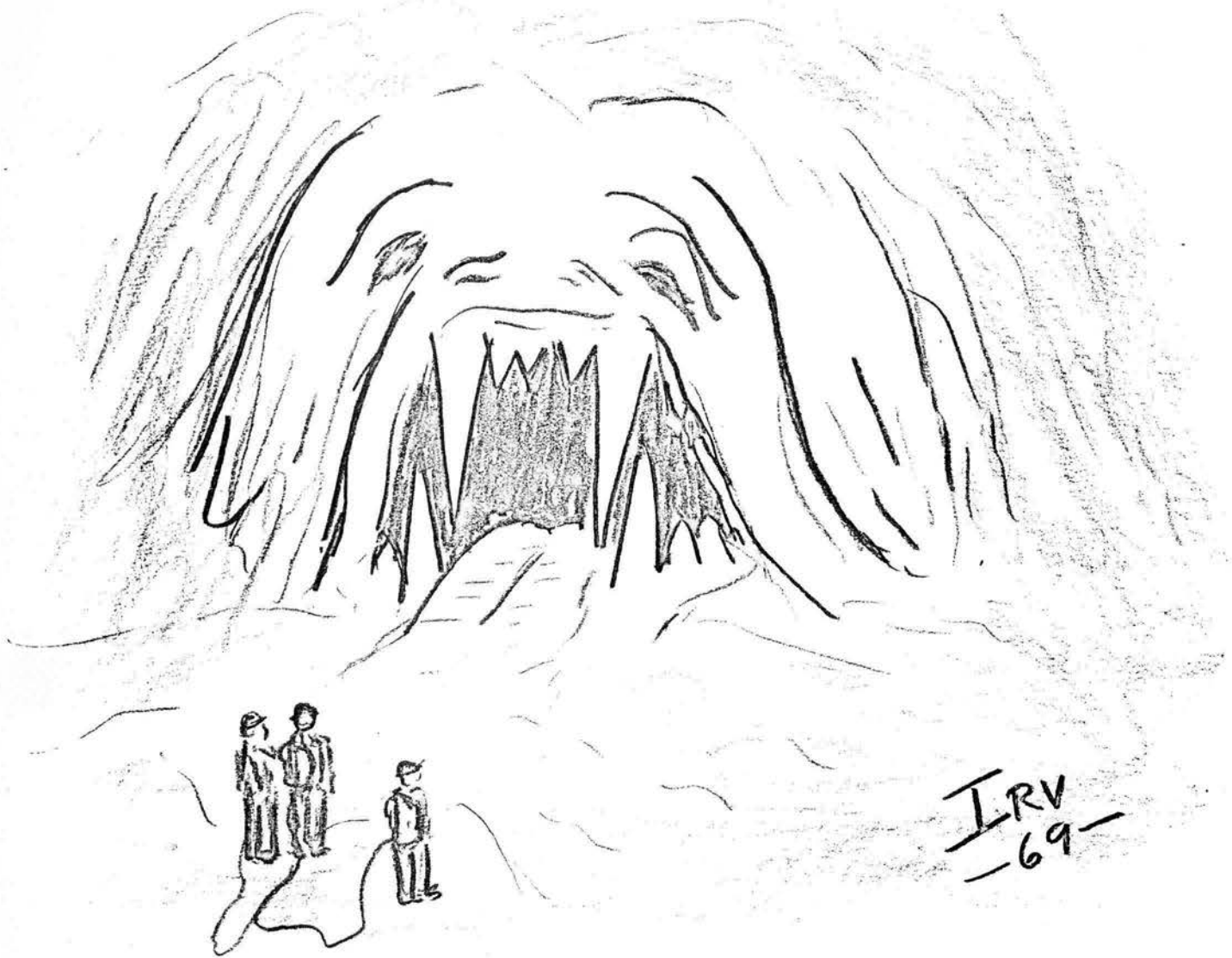
Tell everybody: In '72, come Northwest - for variety!

Just think:

1. the world's longest lava tube cavern.
  2. the world's longest mapped glacier cave.
  3. the lava tube cavern that vulcanologists said couldn't be (Dynamited Cave).
  4. the fourth deepest limestone cave in the U.S.
  5. the exciting new Hells Canyon karst area.
  6. the new, virtually unknown British Columbia gypsum cave area.
  7. those unchecked pits we see on Vancouver Island aerial photos.
  8. some 100,000 feet of cave mapped within 90 minutes of the convention.
- and much, much more. A Mount Adams climb. Huckleberrying. The Columbia River Gorge, Bonneville Dam, Multnomah Falls, Mt. Hood, Mt. St. Helens, Mt. Rainier...

Yep, tell everybody. TELL EVERYBODY!!!





IRV  
-69-

A PERSON SURE CAN  
GET SWALLOWED UP  
IN CAVE EXPLORING



## Biospeleology Department

Dr. Harris C. Christopher reports finding a small cave in Manastash Canyon in eastern Washington, inhabited by a little animal, something like a flying squirrel.

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It looks like the Northwest no longer has the largest spelean biota known. Dr. Anthony Sutcliffe of the Pengelly Centre in Britain (See recent NSS News) writes that his summer African research trip is to include some elephant caves. Even Sea Lion Cave can't top ~~that~~ one.

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## Glaciospeleology Department

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Big Four Ice Caves still snowed in

Bob Brown reports that a trip to the Big Four Glacier on February 22 found the entire glacier buried by avalanched snow; the caves could not be located. Since this is such a short drive from Seattle, studies of the system every couple of weeks should be an unusually informative project.

\* \* \*

## Vulcanospeleology Department

Rob Stitt reports that local investigations in western New Mexico last Fall revealed the presence of many large lava tube caverns. One trench has been traced for  $8\frac{1}{2}$  miles on a topo map, and several uncollapsed sections found, the longest over 1000 feet long. This is a very large trench, averaging 70 feet wide and about 60 feet deep. The Sandia Grotto has christened it the Tajima lava tube system. Nearby is a blowing crack. The Grants lava flow, which contains this system, is over 40 miles long and in places is 20 miles wide. It contains one other known cave, a commercialized Ice Cave. Several other systems have been noted on the topo maps and it is expected that this will be a very rich vulcanospeleologic area.

(Editor's note- this sounds like the area with the trench I photographed from a commercial airplane some years ago and have shown on various occasions, including the NSS Convention banquet in Missouri a couple of years ago. There is a sparse vulcanospeleological literature on the area, but it sounds like nobody has started correlating it yet.)

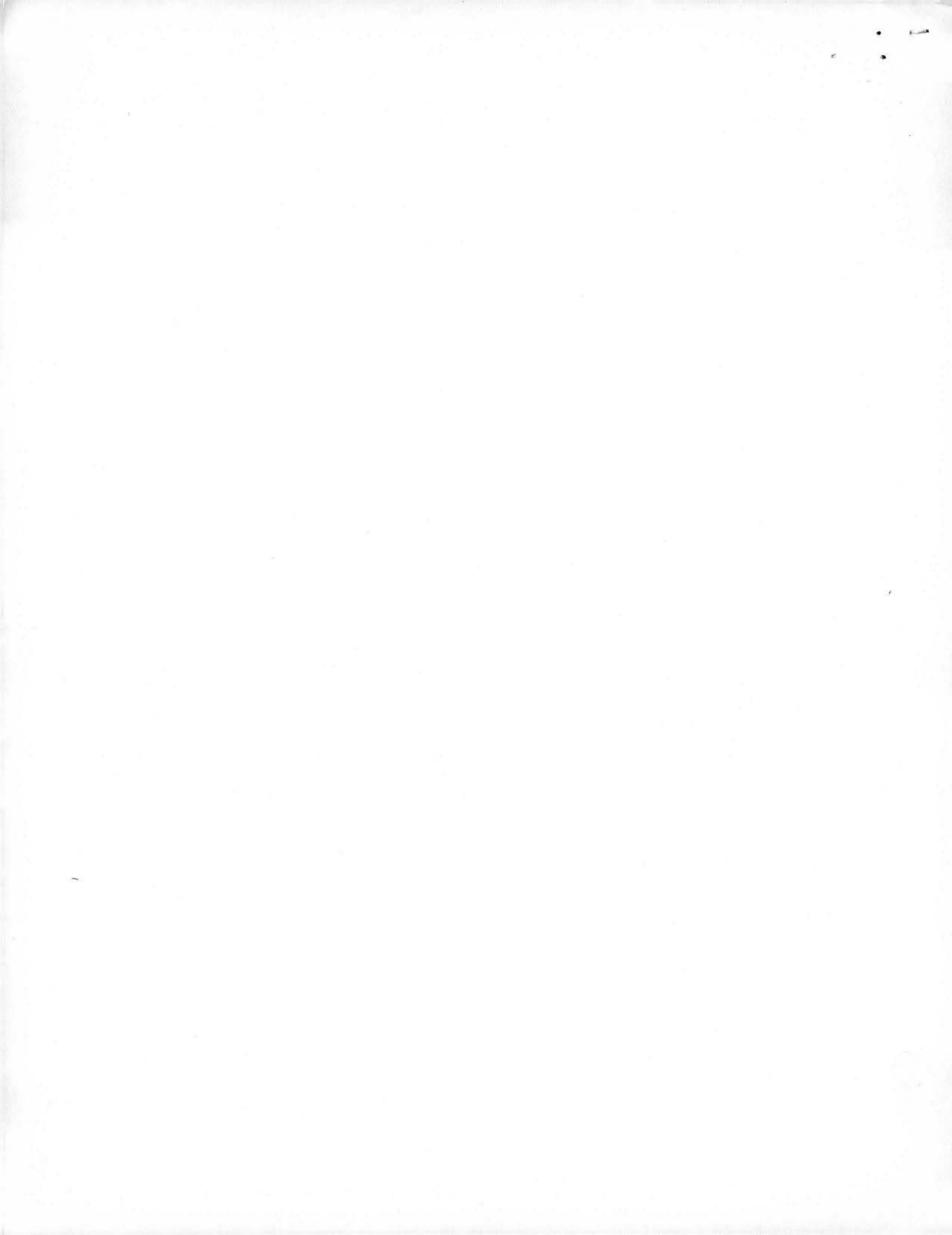
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## Gypsum cave department

Newell Campbell reports unverified rumors of a very deep cave in vertically bedded gypsum in a gypsum mine near Creston, B.C., N & W of Fernie. The mine is said to intersect caves "all the time". 270,000 tons of rubble is said to have been dumped in the vertical one. There is 500' of vertical relief in the area and the cave is estimated to be 470' deep. There are reports of scuba-diving to a depth of 190' in holes in a creek at base level. A potential contact is Mr. R.J. Willcox, of Western Gypsum, Ltd., of Invermore, B.C.

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TELL ALL THE N.S.S.: For variety, come Northwest in '72!





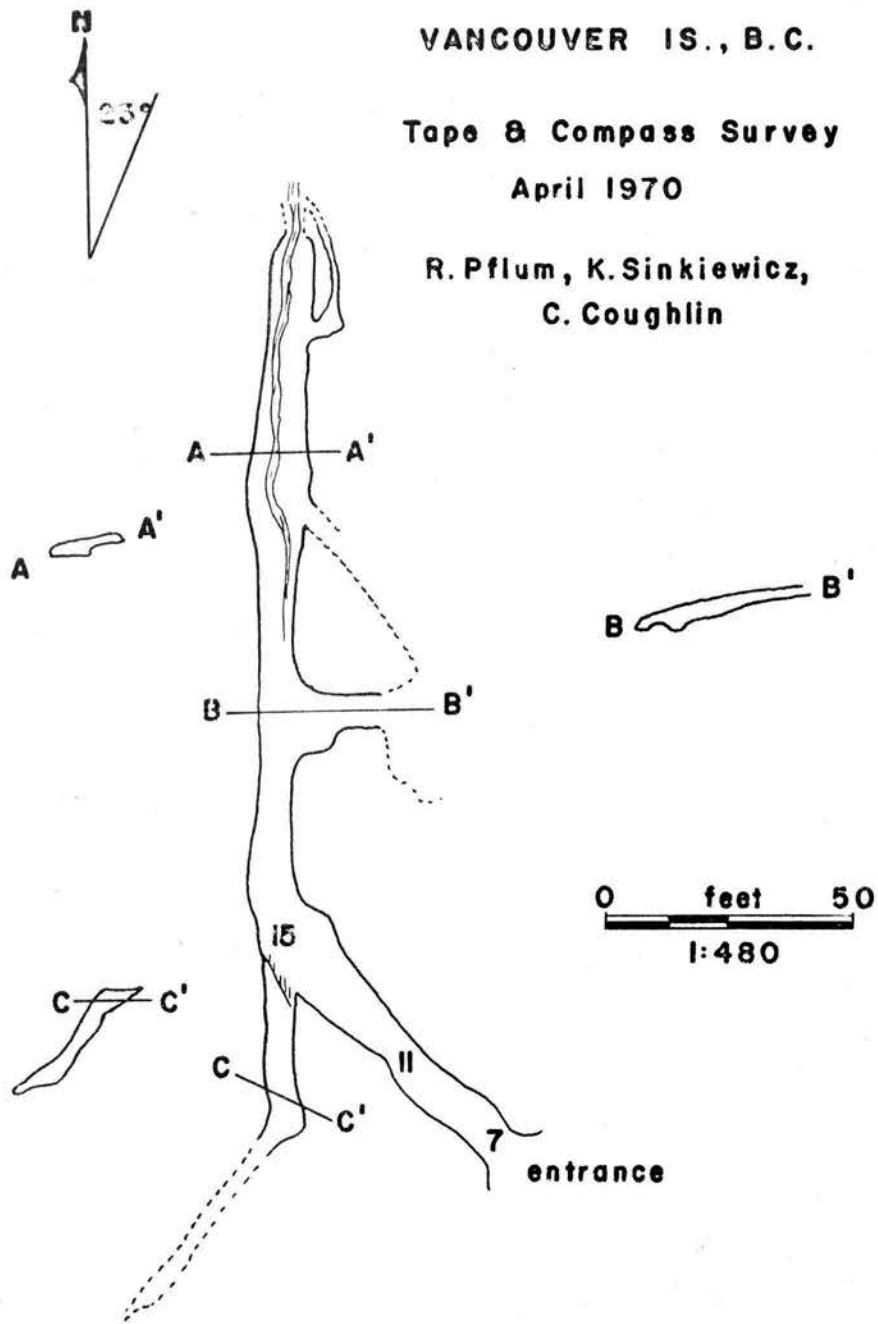
# RIVERBEND CAVE

VANCOUVER IS., B.C.

Tape & Compass Survey

April 1970

R. Pflum, K. Sinkiewicz,  
C. Coughlin



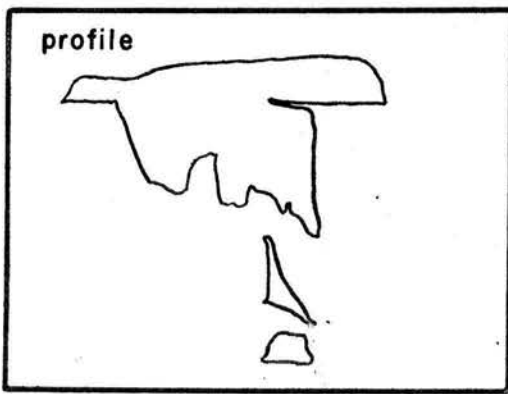
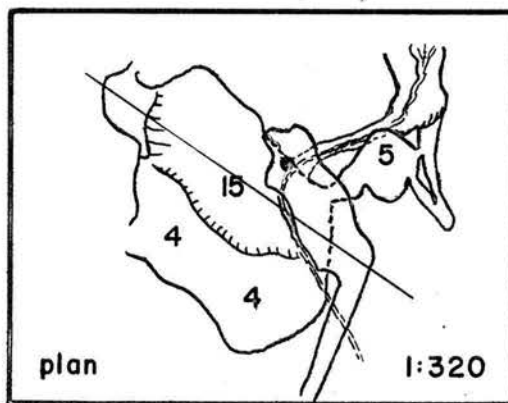
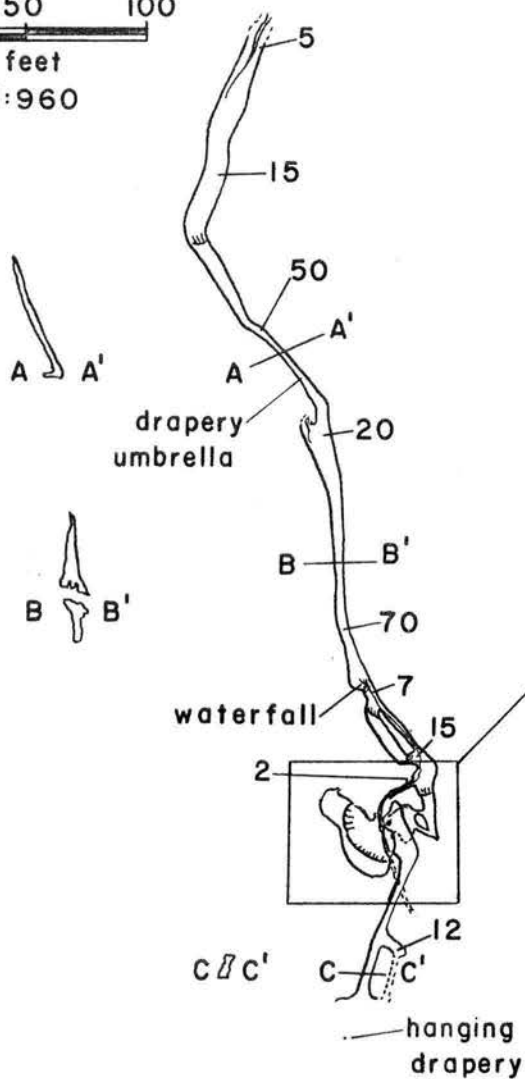
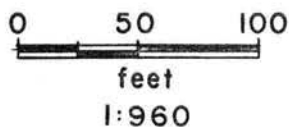
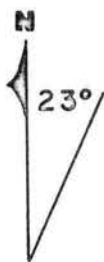
C.C.



# LOWER SECTION EUCLATAW CAVE

VANCOUVER IS., B.C.

Grade 4 Survey  
April 1970  
R. Brown, R. Pflum,  
C. Coughlin



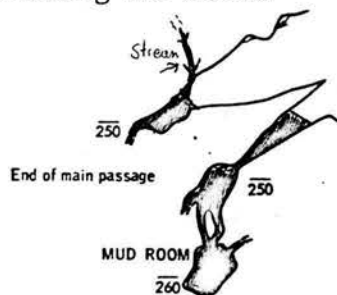
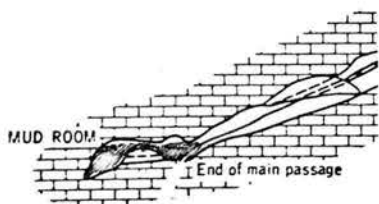
C. C.





More from Eastern Washington  
by Tom Miller

Early in April we returned to the Lead Point area to check out the remaining leads; they weren't anything - an extra hour the previous trip would have sufficed to eliminate them. We did, however, find a small 20-foot talus cave almost directly below the fossil cave higher up. After leaving Leadpoint we took a "shortcut" through Canada and arrived at Gardner Cave just before dark. The last 1/4 mile was still snowed in but the hard crust permitted easy walking. The cave was very wet and the gours were completely filled. Trickle of water run down most of the cave sides from The Narrows on. We estimated the water depth at the cave's official end to be about five feet. A fair-sized stream was coming in from the right. Water was filling the areas shown:



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