



# THE CASCADE CAVER

International Journal of  
Vulcanospeleology

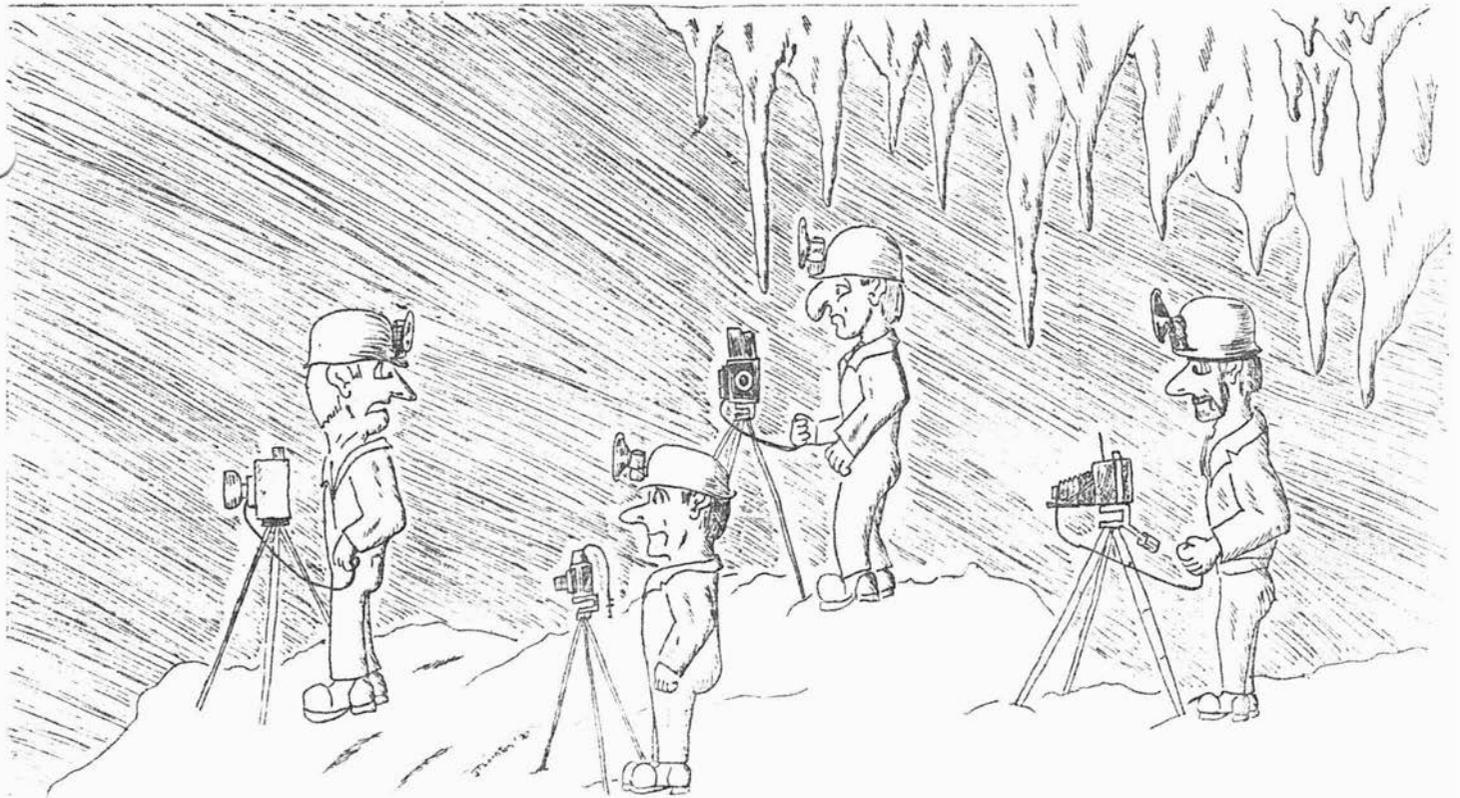


Published by the Cascade Grotto, N.S.S.

VOLUME 23 NO. 4

Editor: Mark Sherman

APRIL 1984



*Who Did Bring A Flash, Then?*

## GROTTO EVENTS

- JUNE 19 Grotto Meeting 8:00, 1117 36th Ave. East, Seattle
- JUNE 25-29 NSS Convention at Sheridan Wyoming.
- JUNE 30-JULY 8 Post Convention trip to Horsethief Cave and the Black Hills. Contact Bob Brown (569-2724) or Mark Sherman (524-8780) for details.
- JULY 4-JULY 15 Jenolan and the Chillogoe caves in Australia. Call Bill Halliday at 324-7474 for more information.
- JULY 14-15 Deadhorse Cave. Call Bob Brown (569-2724) for the details.
- JULY 17 Grotto Meeting 8:00, 1117 36th Ave. East, Seattle
- AUG 21 Grotto Meeting 8:00, 1117 36th Ave. East, Seattle
- SEPT. 1-3 NWCA meeting at Papoose Cave.

The following letter was received from Dr. Nick Crawford, the director of the Center for Cave and Karst Studies, who asked that it be printed.

### KARST FIELD STUDIES AT MAMMOTH CAVE 1984

#### Historical Geography of Mammoth Cave June 24 - June 30, 1984

Instructor - Dr. Stanley Sides

Apparently some people are perceiving this to be a passive, non-caving type course. We wish to dispel this notion with the following additional information.

As a member of the Cave Research Foundation, Dr. Sides has made many important contributions to the exploration of Mammoth Cave. His emphasis in the course will therefore be upon the cave's early and recent exploration. The class will be as rigorous as Speleology and Geology and will provide extensive trips into the cave to see rarely visited areas (such as the New Discovery). Some of these trips will retrace the routes taken by original explorers while others may retrace connection routes which have made this the longest cave system in the world.

If there are further questions please call Dr. Crawford  
at (502) 843-4979.

## JAMAICA AGAIN

By William R. Halliday, M.D.

Readers of the Cascade Caver may remember that, several years ago, Charlie Larson and I briefly visited NW Jamaica with Len and Jo, and were impressed with the speleological potential of even the little we saw in less than two days. It took a while for the Jamaica tentacle of the grotto to uncurl again, but on Sunday April 15 Marcia and I flew in from Washington to get things organized while awaiting Tad and Dana Riste. Again we stayed at the Coral Cliff Hotel in Montego Bay, which has been a bit of a cavers' hangout, but the price is up and the upkeep has deteriorated a bit and we may try another next time.

In the process of getting organized Monday, we drew a total blank in Montego Bay, looking for Jamaica Geological Survey maps of the island. But we did find, contrary to information previously provided, that there still is a cave at famous Doctor's Cave Beach. Charlie and I had been told that the cave had been destroyed many years ago, by construction at this noted tourist attraction. Marcia and I found at least part of it, a large shelter in coralline limestone at the west end of the beach underneath a nightclub-restaurant, a good place to get out of the midday sun.

The Ristes arrived on schedule Tuesday night. In the meantime, Marcia and I took the special tourist train called the Governor's Coach to Ipswich Cave and other local tourist attractions. Ipswich Cave turned out to be a pretty one-chamber cave with fine curtain formations and some massive stalagmitic columns. It is high on the side of a large example of tower karst in a typical part of the Jamaica Cockpit Country, consisting of such limestone towers and intervening conical sinks of enormous size. The tourist blurbs for this tour don't mention anything about going through the Cockpit Country and I was very pleasantly surprised by this chance to see this nice sample so easily.

Next morning the Riste's were suffering a bit more from jet lag and culture shock than anticipated and we were slow to get going. Heading along the north coast highway toward commercial Green Grotto we slammed on the brakes (driving on the English side of the road) at a small sign that said HISTORIC ARAWAK CAVERNS: a brand-new shoestring tourist operation where a couple of friendly Rastafarians proudly showed us a really spacious but little-decorated cave in the coral cliffs right alongside the highway. There were also some Arawak artifacts and photos of Emperor Haile Selassie and his Empress, generally considered to have been murdered by the present terrorist government of Ethiopia, but whom the Rastafarians believe will never die. For the equivalent of \$1.00 US, it was well worth it.

Then on to the Green Grotto. The operation has deteriorated a bit since we visited it and is a bit overpriced at the equivalent of \$3.00 US, but it still is worth a visit. Especially as we had the privilege of a torch tour (the lights had failed) and a tasty rum punch on the house at the end of the tour. The torches are rum bottles with a cloth wick for the petrol, and are quite picturesque. There were lots of visitors here and even postcards of the cave. Nobody caught on fire, either. It is a real spongework cave, very close to the top of the raised coral bench, with lots of entrances.

Our plan had been to go on to impressive Thatchfield Cave, in the mountains near Philadelphia, using the directions in Jamaica Underground. But as we saw more and more of the mountains and the confusing road situation we chickened out and picked up a local youth as a guide. As it turned out, the directions were exact but (like those in Caves of Washington) you can't find the cave by using them. We got to it just before dark, early enough to go to the inner lip of the funnel-like "lighthouse" upper entrance and admire huge stalactites overhanging a drop of maybe 100 feet on the other side of the pit. We ran out of time before hunting up the lower cliffside entrance. And wrong-side Jamaica roads teem with people and goats after dark. We headed back to Mo Bay, leaving the cave for Tad to return to, earlier the next time.

Tad and Dana took off fairly early next day for Kingston and the Jamaica Caving Club via the Bamboo Highway - six rugged hours of difficult road, some of it in tropical downpours. I had done the after-dark goat dodging the previous night and Marcia and I contented ourselves with checking out the blowholes in the coral cliff near the Coral Cliff Hotel -- the best I have seen, really roaring with a plume of spume with good sized swells. Our plan was to do Negril caves on the following day (Friday), then more on the north coast Saturday. But on Thursday night came a call from Tad in Kingston -- the cavers in Kingston urged us to fly over the Jackson Bay Caves on Saturday instead. And as it turned out, we were able to make reservations quite inexpensively on short notice via TransJamaica Airlines - large Cessnas. And we went on to Negril as planned in the meantime.

Negril is the far end of the island from Kingston, and the latter is the caving center of the island so the caves of the Negril area are not well covered in Jamaica Underground. Or in tourist blurbs, either, for that matter. Club Xtabi was said to have a bar in a cave at sea level, but when we checked, there was a large cave there, but no bar in it and the managers said it could not be entered without the permission of the owner (it's under his house) and he was off the island at the moment. We contented ourselves with going down to a small sand beach through a small littoral cave with steps installed. We did note that it is in the "clothes optional" portion of the resort grounds, a concept for which much of Negril is internationally famous. In this regard we later learned that we had made a tactical error at The Tree House, where we stopped for lunch. Marvelous beach, and we went no further. Others in the tour bus hiked a few hundred feet east, toward Hedonism II resort, and reported excellent views.

As we continued west, toward Rick's Cafe and Resort, the downpours struck Negril. I suspect I thoroughly upset local tourist agencies by pulling out my bright orange Northwest-style plastic poncho in sunny, warm Jamaica, but it was quite proper as far as I was concerned. We had a beer, I changed into my swim suit again (a less relaxed part of the resort area) and had a nice swim into a large sea-level littoral cave with beautiful purple marine growth in the twilight zone. Climbing up through an arch in an adjacent headland I could see a much larger cave about 1/4 mile farther west, near the lighthouse at the tip of the island, but a raft would be needed for that one. Rick's is nice, with a coral cliff about 20 feet high and deep water to jump or dive into, in front of the cave, but no beach. Lots of other spelean phenomena in this part of

Negril; I spotted a round pit between the road and the edge of the cliff about a mile farther east, and one of the little resort motels here is the Blue Grotto Guest House. And Cave Valley is a place name on the road map, only about 5 miles away.

Saturday dawned early but not bright. A cloudcap obscured our view of the Cockpit Country from the air en route to Kingston; just a few tantalizing glimpses here and there. But TransJamaica was right on time and so was the Jamaica Caving Club. An hour and a half later we were at Jacksons Bay, with the gentle slopes of Portland Ridge looming all of 200 feet above the ocean. Fifteen minutes along the ocean and 15 minutes into the dry jungle covering fantastically pitted coralline limestone and we were into the gaping entrance of Drum Cave: spacious, beautifully decorated and a potential treasure-house of biology and archeology -- I found a huge marine snail shell that had no business being there and probably was of Arawak origin. Then out another entrance and into Jackson's Bay Cave itself, starting in the upper end with spacious chambers and working downward to sea level in a splendid cave that repeatedly reminded me of a combination of the Boneyard of Carlsbad Cavern and Luray Cavern itself -- plus nice cool water to cool off in; these are darn warm caves. Beautiful big bats too, and blind white shrimp, bullfrogs, hermit crabs and lots more. Really a great experience.

And on the way back we passed a round hole at sea level maybe 100 yards inland. As far as the local caving club knows, nobody has ever dived it.

An international slide show was planned for that evening, and Tad and Dana had another 10 days on the island. But Marcia and I had to fly back to Mo Bay that night to catch our plane back to Washington D.C. next morning, so I could give my paper on the Spirit Lake Pseudokarst at the Association of American Geographers meeting on the day after. It was hard to go, especially as there are now known to be another 100-odd caves on the island besides those listed in Jamaica Underground. It wouldn't surprise me to learn that Tad and Dana decided to stay. If they do come back, maybe the Caver will have a real enthusiastic field trip report. I won't say that Jamaica is the long-sought cavers' paradise -- driving on the wrong side of narrow highways at night in a tropical downpour, dodging goats and pedestrians is less than paradise. But it is a great area, with a lot more to be accomplished by groups of cavers prepared to stay long enough to deal with the culture and the topography in cooperation with the Jamaica Caving Club.

#### KAZUMURA CAVE ABOUT 140 METERS LONGER

By William R. Halliday M.D.

A sketch map sent by Takanori Ogawa indicates that the 1983 Japanese expedition to Hawaii lengthened Kazumura Cave about 140 m. The extension is in the side passage leading west (to the right going down-cave), at the northeast end of the complex about 200 m downslope from entrance 17, and continues along the general trend of the side passage. His note says "low roof part".

GROTTO STORE PRICE LIST

Item	Price	Item	Price
Battery 6V 2.5AH Lead Acid	4.50	Lamp, carbide complete	18.75
Calcium carbide	0.75/lb	Lamp parts, carbide:	
Chin strap, used	2.20	Bottom, with gasket	4.25
Chin strap, new	1.10	Felt, 1.5"	0.15
Decal, Cascade Grotto	0.30	Felt, 2"	0.15
Gloves, ruberized cotton	1.65	Felt holder, 1.5"	0.65
Hard hat, new/L1 bracket	10.00	Felt holder, 2"	0.65
Hard hat, used	9.00	Flints	3 for 0.10
L1 helmet bracket	2.50	Gasket, 1.5"	0.10
Lens, Justrite diffuser	0.45	Gasket, 2"	0.25
Lamp, electric complete		Nut, Justrite cap	0.20
Lamp parts, electric:		Nut, Justrite hex, small	0.10
Battery case	6.50	Nut, Justrite hex, large	0.30
Bulb, #502 6V .15A 15hr		Nut, Premier cap	0.45
Bulb, #27 6V .3A		Nut, Premier wing	0.55
Bulb, #425 6V .5A 15hr		Reflector, 4" parabolic	4.50
Literature:		Reflector, 4" concave	4.00
Cascade Caver back issues	0.60	Spring, 0.5" flint	0.15
Hypothermia pamphlet	0.60	Striker mechanism complete	1.75
Map, Windy Creek Cave	4.00	Tip, Justrite	0.60
Patch, Cascade Grotto	2.35	Tip, Premier	0.90
Patch, N.W.R.A.	2.20	Tip, cleaner	1.00
Tarp, 12' x 12' yellow	100.00		
Tarp, 80"x96" storm shelter	1.40		

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Grotto Meeting: JUNE 19 at 8:00