

The SAG RAG is published bi-monthly by the Shasta Area Grotto of the National Speleological Society. Editors are Jim and Liz Wolff, PO Box 865, McCloud, Ca. 96057. Grotto meetings are held at 7:30 p.m. on the second Friday of each month. Meeting places are announced in the newsletter. Grotto dues are \$4-individual, \$6-family. Dues are due in January. Subscriptions are \$4/year or 75¢/issue.

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DUES DUE CHANGE!! – It was moved and seconded at the January meeting that all dues will be due January 1st each year. Those due before June 30th owe 100% now:

- | | | |
|--------------|---------------|--------------|
| Mark Fritzke | Steve Knutson | Dick LaForge |
| Roger Jones | Ray Miller | Joe Molter |
| | Tim Rich | |

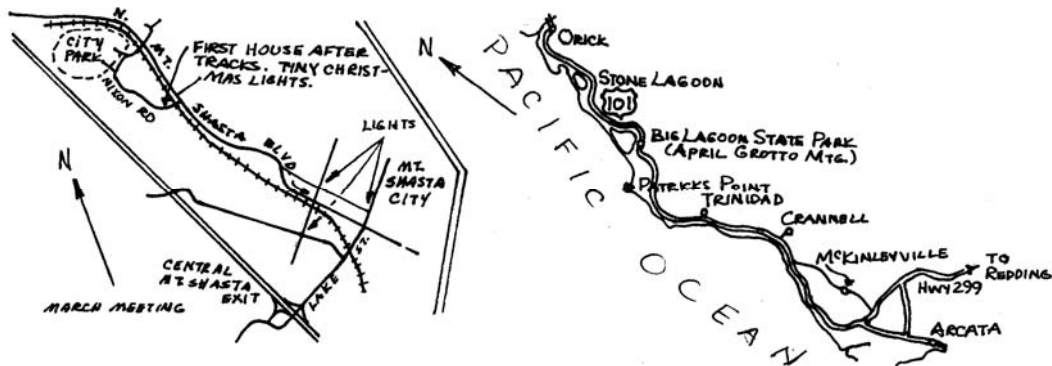
Those due after June 30th owe 50% (\$2) now:

- | | | |
|----------------|-----------------------|-------------|
| Tom Hesseldenz | Don Quinton | Mark Stoute |
| Brent Ort | Tom and Beverly Tyler | |

YOU LOST 'EM: WE FOUND 'EM

Sun glasses, gloves (2 pair), water bottle, carbide lamp felts Call Wolffs

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PORCUPINE LAVA TUBE, Nov. '86 by J. Wolff

Claude Smith, Jake Turin, Matt Wolff and myself went off caving, risking getting stuck in the snow instead. I thought we could get at least as far as the Water Caves flow, maybe And with a little luck and the Subaru we did, just!

The lower entrance of this huge cave is in a fault zone. The displacement of the flow below this entrance is about 40ft., providing a unique entry for us cavers, a chimney down of about 10 ft. I told everyone that once inside the way on downflow was not pushed very far (Don Quinton and I did some poking around there years ago, but didn't find the continuation), but then why did I tell them this, if I wanted everyone to see the majority of the known cave? I had to coerce the group on, after all, we would have to keep moving to see it all and be home by dark, right? (HA! Little did I know my friends were at their exploringest best!)

Once we were at the "upper level" I made the mistake of telling everyone of the additional upper-upper level maze that hadn't been mapped yet, near the back end of this level. Well, that was the last I saw of those three for awhile. I had brought along mapping gear, but it was looking and sounding like it would be a real trick for me to keep them restrained enough to do some surveying now Oh well.

Part of the upper maze had been looked into by Don Q. a few years ago, but not fully explored, apparently. This time we had three guys up there, poking around and having a grand time of it too! Someday this will have to be mapped as well as the other stuff found that day.

Finally got them to agree to see the rest of the cave, so Matt and I took off ahead of the rest, to climb down to the main passage and wait for them to catch up After waiting what seemed like forever, in a real drafty spot, Matt volunteered to go back and see what was keeping 'em. A call down to me verified my fear, Claude and Jake had found something interesting and I should come up and see

What they had found was unbelievable! In a head and shoulders-sized grotto they had discovered snowball-shaped mirabilite crusts!! Delicately shaped, paper thin and inside, it looked like frost work, like coarsely crystalline snow. The snowballs are about fist-sized. To top it all off, a few feet away our friends had found an obsidian arrowhead!! Now this discovery just about floored me! What purpose did our Indian friend have here? Was he there to mine this mineral? And if so, for what use ...?

Sure enough was hard to pull Claude and Jake away. So, when I finally thought they were following me, lo and behold they found another upper level, near where one normally descends down thru the floor, to the main/lower passage below. This lead too will have to await another visit to be mapped.

Once all of us were traversing the main passage things went without a hitch, until at the upper end of the cave ... There we rested, while each of us took turns at poking around in the last room. After awhile, when the last person, Jake, hadn't returned after 15 min. or so, we were fixin' to go and see what was keeping him when we heard scuffling Jake had pushed a "crawl" some 50 ft. beyond (where I thought no human could go!), and had a bit of problem extricating himself – quite understandable, I'd say!

We retraced our steps, passing up the opportunity to go out of the cave by one skylight, I think, just to have a look at that fault line again. Jake and I found one other smaller dia. tube that had been snapped off; with the down flow part tilted on a much steeper angle than its corresponding piece. The new cave goes as stoop-walking passage, both directions, but we didn't explore. So until the next trip out there, we will just have to guess what's in store

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Equipment tips – by J. W.

- Try using Canvas Grip (sold by Bob & Bob) on your athletic kneepads, helps prolong their life;
- also, Canvas Grip does a pretty good job of reinforcing any sewn seams and straps on your cave pack. This glue rubberizes the material (except nylon);
- and your old shredded coveralls? They can start a whole new career, once restored with that glue!

MEMBERSHIP ROSTER

***	DAWSON, Mark	1033 Nixon Rd., Mt. Shasta, CA, 96067	(916)926-5682
***	Jake		
17903	EVEREST, Glen	2233 Butte ST., Redding, CA, 96001	(916)246 7548
16064	FRITZKE, Mark	POB 4836, Arcata, CA, 95521	(707)822-8227
***	HEILMAN, Tom	1101 Nixon Rd., Mt. Shasta, CA, 96067	(916)926-3169
***	Sue		
25329	HENDERSON, Al	14500 Kenney Ave., Red Bluff, CA 96080	(916)527-7513
25330	Phylis		
20516	HESSELDENZ, Tom	POB 409, McCloud, CA 96057	w(916)926-4366
23942	JENKINS, Norm	POB 136, Herlong, CA, 96113	(916)827-2082
22350	JONES, Roger	POB 26, Redcrest, CA 95569	(707)722-4185
5433	KNUTSON, Steve	505 Roosevelt St., Oregon City, OR, 97045	(503)655-6609
26621	KOTTINGER, Jim	1922 Highland Dr., Mt. Shasta, CA, 96067	(916)926-3975
16560	LA FORGE, Dick	450 Redmond Rd., Eureka, CA, 95501	(707)443-2626
22159	Seth		
27121	Evan		
***	MARSCHNER, John	777 S. Weed Blvd., Weed, CA 96094	(916)938-3347
25724	MILLER, Ray	POB 475, Mt. Shasta, CA 96067-	(916)926-2440
6531	MOLTER, Joe	2871 N. Bonnyview, Redding, CA, 96001	(916)243-8924
27519	ORT, Brent	POB 1313, Ross, CA, 94957	(415)459-6474
18354	QUINTON, Don	14122 Pawnee Rd., Apple Valley, CA 92307	(619)247-7814
***	REEL, George	7908 Oakridge, Weed, CA, 96094	(916)938-4078
***	Dorothy		
24897	RICH, Tim	5563 Creek Trail Rd., Redding, CA, 96003	(916)275-6200
11980	SMITH, Claude	131 Oleander Cir., Redding, CA, 96001	(916)246 3942
13894	Mary Belle		
23836	SMITH, Niels	721-155 Alexander Way, Standish, CA, 96128	(916)254-6764
20600	STOUTE, Mark	933 "E" St., Eureka, CA 95501	
24770	TURIN, Jake	2862 Marzanoaks, Redding, CA, 96003	(916)275-4521
***	TYLER, Tom	2607 Lukens Lane, Carson City, NV, 89701	(701)882-1574
***	Beverly		
7572	WOLFF, Jim	POB 865, McCloud, CA, 96057	(916)964-3123
11701	Liz		

1987 SAG OFFICERS

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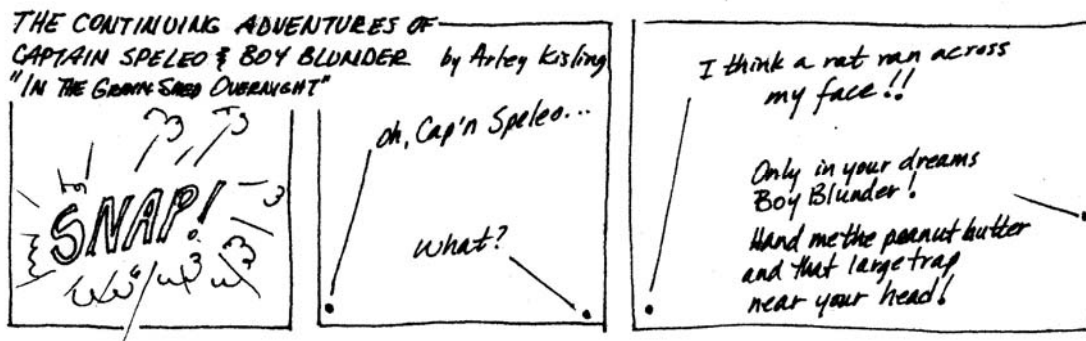
TREASURER * CLAUDE SMITH

Grotto Happenings

- March 13 Grotto meeting at Tom Heilman's, Mt. Shasta, 926-3169. Map on page 1.
 April 10 Grotto meeting at the coast. Map on page 1. Patrick's Point Cave, 160' entrance drop; fish, clam, surf, sand; bring the family.
 May 23-25 Eastern Nevada cave trip. Call Neils Smith for more info; (916) 254-6764.

NSS Happenings

- June 6-13 National Cave Rescue Seminar, Abingdon, VA. Wolffs have more info.
 August 3-7 NSS Convention, Sault Ste. Marie, Michigan.
 August 8-16 Bighorn Field Camp, Armpit, WY. Wolffs have more info.
 ---- 1990 NSS Convention, Mt. Shasta, CA.



THE SAG RAG
 SHASTA AREA GROTTA - NSS
 P.O. Box 865
 McCloud, CA 96057

NEWS DATED MATERIAL

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