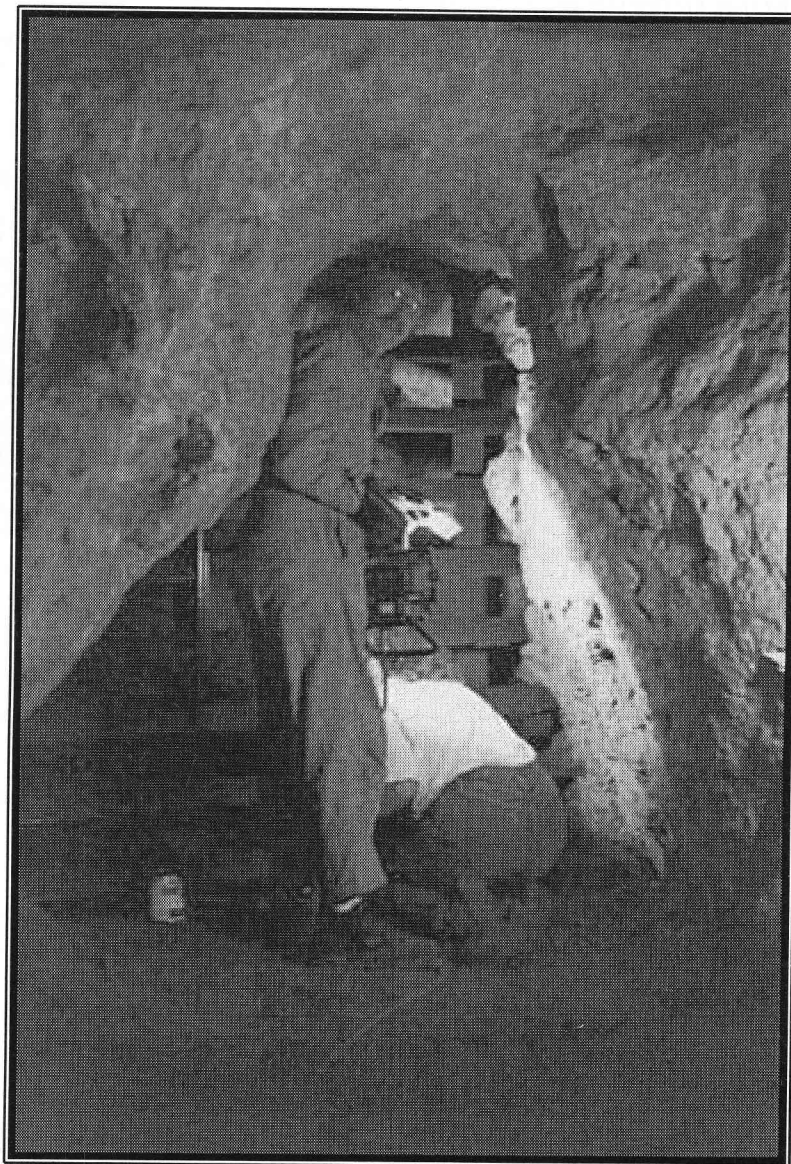




COG SQUEAKS

February 1999



Dick Maxie and Lacie Braley Painting the Gate in Dry Cave 1997. 1996 and 1997 COG Conservation Project.

Photo by Bill Walden 1997.

GROTTO INFORMATION PAGE

THE CENTRAL OHIO GROTTO

The Central Ohio Grotto of the national Speleological Society meets at 8:00 p.m. at the Worthington Presbyterian Church the second Friday of most months. The church is on the northwest corner of the square in Worthington. Parking is available behind the church. Enter the parking lot from the first side street off State Route 161. Please contact a grotto officer to confirm meeting time and place.

Grotto Officers

Chairman	Steve Aspery	38931	614-841-1846
Vice Chair	Doug Davis	44171	614-792-8270
Secretary	Lacie Braley	44099	614-895-1732
Treasurer	Karen Walden	15678	740-965-2942

Executive Committee Members Officers plus:

Don Conover	20386	937-372-7581
George Hagen	36266	614-263-7581
Doug Burke	41817	614-983-9336

Squeaks Editor

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Please join by sending e-mail to cog@onosystems.com with the subject subscribe.

Dues

\$15 per individual or \$20 per family.

The C.O.G. Squeaks

The C.O.G. Squeaks is the official newsletter of the Central Ohio Grotto. Articles on cave exploration and study, cave trips reports, cave fiction, cave poetry, cave related cartoons, cave related art or photographs are encouraged. Please send material to Bill Walden via mail, e-mail, disk, fax, or even dictation. Bill usually has disks available at meetings.

NSS organizations may reprint information from the C.O.G. Squeaks so long as the author and Squeaks are given credit unless stated otherwise.

KARST CALENDAR

Feb 12	COG Meeting at the Presbyterian Church in Worthington. Guest speaker is Jackie Belwood Please plan to attend and bring friends. Pizza at Francos following the meeting.
Feb. 19	Grotto caving trip. Fieldhouse work weekend.
Mar. 12	COG Meeting
Mar. 19	Grotto caving trip.
April 9	Grotto caving trip
April 16	COG Meeting
April 24	Freelands Cave Follow up Clean up. Please plan to help.
May 14	COG Meeting – Do we want to change this?
May 15 & 16	Great Saltpetre Preserve Open House.
May 28 – 31	Speleofest at Hart County Fairgrounds between Munfordville and Horse Cave, Kentucky. Contact Alex Hicks 502-499-0768 or indiancave@juno.com
June 11	COG Meeting
July 11 – 16	NSS Convention, Filer, ID
June 2000	NSS Convention, Elkins, WV

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February meeting. Jackie Belwood, the Ohio Bat Biologist, will be speaking about ongoing projects in Ohio

Chairman's Lead

By Steve Aspery

Perhaps I've been duped. Bill Walden insists that the Chairperson is supposed to submit an article for each Squeaks. It wouldn't be the first time that my gullible side has been taken advantage of, as evidenced by the numerous "sure to go leads", "certain to connect", and "the discovery of the decade" trips that I've been invited on. Being the eternal sucker, though, I'll go along with this one as well.

For my first article, I thought a "State of the Grotto" would be appropriate. The state of the grotto is good. I didn't give any campaign speeches, so I should review the promises that I meant to make; virgin walking leads on every trip, mandatory Mondays off work to recuperate, and a connection, any connection in the Farmer System. OK, I'll admit that the last one might seem unrealistic, but we have to dream.

The grotto finances continue to be strong. With our dues increase a couple years ago and Bill Walden's savings from emailing the Squeaks, we may generate a surplus. We could reduce dues and give it back, but we're not sure that you would use it right. We'll spend it for you. And, for the last time, I didn't have a relationship with that woman.

**February meeting.
Jackie Belwood, the
Ohio Bat Biologist,
will be speaking about
ongoing projects in
Ohio**

On a finally serious note, we have a great program planned for the February meeting. Jackie Belwood, the Ohio Bat Biologist, will be speaking about ongoing projects in Ohio.

They have recently found several large, previously unknown, populations and are planning a check of every cave in Ohio. (No snickering!) It should be interesting and she's looking for help if anyone would like to get involved. The COG continues to develop an impressive conservation record, and this is one more opportunity.

On the conservation issue, I have been meaning to report on the Freeland's Cave cleanup in November. COG was the furthest grotto represented and we had one of the largest turnouts. Including friends brought along, the COG had 11 people help with the project. We moved a huge amount of trash and appliances filling two commercial containers on Saturday. I understand that others worked on Sunday and I'm not sure what is left to be done. It was a great effort, and combined with the several hundred dollars donated by grotto members we should be very proud of our contribution.

See you at the meeting.

STATE OF THE GROTTA

[Letter to Evelyn Bradshaw by Bill Walden]

Dear Evelyn,

I am pleased to report that the state of the Central Ohio Grotto is good.

Treasurer's Report for 1998

By Karen Walden

Money collected

Dues Collected	\$620.00
Donations for equipment	\$118.00
NSS Conservation Award	\$100.00
General Donations	\$ 28.00
Donations for the Ohio Valley Region Conservation Project	\$213.00
Interest	\$ 10.81
Sale of patch	\$ 3.75
Total	\$1093.56

Money Spent

Postage for mailing the COG Squeaks	\$251.37
Printing costs for the Squeaks	\$172.00
Money donated to Church for Use of the meeting room	\$100.00
Money spent on building material For The COG field house	\$ 80.00
Money donated to the Ohio Valley Region For their 1998 conservation Project	\$263.00
Supplies for publishing the COG Squeaks	\$ 29.56
Total	\$895.93

Balance in our savings account as of Dec 31, 1998: \$592.42

Field House

The Central Ohio Grotto field house is located in Pulaski County, Kentucky on the property of Greg and Angela Erisman. It is a very basic 12 by 16-foot structure that offers shelter from the wind and rain. It has four single bunks and one double bunk, a table with benches that's seats 8 people, and a staircase that provides access to the upper bunks. The building has three windows with screens and a storm door. There is plenty of room outside the field house for camping.

This simple building overlooks the South Fork of the Cumberland River and has a cave 100 feet from the structure. (Cave not yet surveyed.)

Cave Projects

Farmers Cave System, Pulaski County, Kentucky

The Farmers Cave System has been in progress since 1990. Progress has slowed but new discoveries continue to be made.

Redmond Creek Cave and Cave System, Wayne County, Kentucky

Louis Simpson (COG), Jeff Vansant (Blue Grass) and Roger Sperka originally started the Redmond Creek Cave survey in 1970. They mapped a single north-south passage. I was introduced to the cave in October 1997. The Central Ohio Grotto began a continuation of the original survey and discovered a major east-west passage. Over two miles have been surveyed. Unfortunately the cave has one known entrance and the passage upstream to the main cave goes down hill. Yes, the passage goes upstream and down hill! This means that the passage is flooded for most of the year. This winter we were stopped in our westward progress by breakdown.

Down stream in Redmond Creek Cave we encountered a sump.

Redmond Creek Valley is a huge sinkhole covering many square miles. The only way for water to leave the valley is through the cave system. The water emerges from a spring several miles north of the cave. As we explore the Redmond Creek Cave and others in the valley, we are becoming convinced that the cave is one large storage container for water.

Katherine Walden is doing her senior thesis on the Redmond Creek Cave and hopes to present her findings at the NSS convention this summer. She has been taking both mineral and water samples to evaluate in one of the Geology laboratories at the Ohio State University. Some of her results are not typical.

Black House Mountain, Fentress County, Tennessee

Not a Central Ohio Grotto project but I mention it because so many of our members are involved. Louis Simpson who made a presentation on this project at the 1998 NSS Convention heads the project.

Conservation Projects

We do not have a current conservation project. I am sure this is a temporary situation.

Youth Projects

We have at least five members who regularly lead youth trips and give presentations to youth groups. The rest of the club supports these members by giving assistance. The club has a collection of 16 helmets with electric lights available to loan to youth groups for caving trips. Various members add to this collection of helmets and equipment.

The Club

We had a visitor from another grotto for our annual Christmas party. The next day she remarked that she would like to bring some of her grotto members to the next COG Christmas Party to witness the spontaneity exhibited. As I hope you note from our report, most of our members are now NSS members and are active cavers. The Central Ohio Grotto is alive and healthy.

Sincerely,
Bill Walden

OHIO VALLEY REGION

Annual Conservation Project: Freeland's Cave Sinkhole
Clean-up Adams County, Ohio November 14, 1998
Report by John LaMar Cole

The 1998 cave conservation project of the Ohio Valley Region was a huge success! About 60 volunteers from 10 grottos showed up to tackle removing 40 years of garbage from a sinkhole that feeds into Ohio's longest surveyed cave, Freeland's Cave. This stream cave, a few miles south of Peebles (in Adams Co), courses through heavily sculpted dolomite and has a current surveyed length of 2,323 feet. As was stated in a letter from Dr. Horton H. Hobbs III supporting the project, Freeland's is definitely a "caver's cave". Its passages are only rarely of standing height, with many a dousing bathtub along the tortuous routes toward its furthest reaches. Vandalism in the cave is relatively minor, given the limited appeal of its sopping, narrow crawlways, though there is evidence of some water contamination from the surface, primarily entering the cave from the sinkhole chosen for this year's clean-up efforts. Freeland's cave possesses a diverse fauna, including *Pseudonophthalmus ohioensis* Krekeler, a troglomorphic beetle found nowhere else in the world. During the project, Dr. Hobbs & a couple assistants installed charcoal bugs to monitor contaminants that may enter the cave as a result of the sediment & debris disturbance that is inevitable from such a project. Dr. Hobbs additionally installed a

thermometer to see if the increase in visitation from the weekend project had resulted in a rise in temperature in the cave.

While undertaking this research Saturday afternoon, Dr. Hobbs was disturbed to discover that someone had been smoking inside the cave; whether or not this was a project volunteer is unknown. Although the actual impact of smoking inside a cave is a subject of heated controversy, the lethal effect of nicotine upon delicate insects is unquestionable. In a cave of such tight confines as Freeland's, comprising the habitat of rare wildlife, smoking is an unconscionable risk. If visiting Freeland's in the future, please respect this advisement: No Smoking! Besides this singular impropriety, Dr. Hobbs, who suggested the site, was very pleased with the sinkhole restoration efforts. Mr. Russell Piercy, the landowner of the sinkhole (who worked alongside us throughout the long day), was also very happy with the results. However, there is still more to do to restore the sink thoroughly; a follow-up project will be slated for a weekend in the next few months.

The project began shortly after 8:00 a.m. and ended at dusk, around 7:00 p.m. The only snafu of the day occurred at the very beginning: the Rumpke landfill had not delivered their roll-off box per our agreement. However, it is to their credit that the oversight was expeditiously resolved and the box was delivered within a couple hours. Dan Wickerham, however, brought the Adams Brown recycling box as promised, as well as sorting bins for glass, aluminum, & steel, so there was never any waiting for containerization. The weather was exceptionally accommodating as well. Though cloudy, the expected rain never fell and the temperature remained in the mid-sixties all day--ideal for manual labor. The number of volunteers was unusually equal to the task and participants continued to show up throughout the day. Amazingly, the two 30 cu. yd. roll-off boxes (one for recyclable metals and the other for landfill waste) were filled to capacity just as the sun was setting--a remarkable agreement between the limits of daylight & dumpster. Thanks to Lance Copas (GCG) & landowner Russell Piercy we had two tractors & wagons, plus Craig Ham (DUG) provided a 4-wheel drive vehicle with a small wagon, making possible the arduous removal & hauling of the 20 or so large appliances and hundreds of trash bags of garbage pulled from the sink. About 15 feet of refuse was removed--roughly 4/5ths of the total volume of garbage within the sink--totaling almost 10 tons of waste recyclables! Another 5 to 10 feet remain, but given the conical shape of the sink, this represents a considerably less volume of waste than what has been removed thus far. The visible difference of the sinkhole before and after the project was very impressive.

Toward the end of the day, longtime Caver Ed Weeks showed up with some very interesting news: in 1961 he had exited Freeland's cave via an entrance in the bottom of this sinkhole. This was the first confirmation that we'd had of a

bona fide cave entrance awaiting us below. Apparently in 1961 there was no garbage in the sink, either. Naturally this produced a surge of excavation efforts by the volunteers, but the day was drawing to a close and the dumpsters were groaning at the seams. I can, however, think of no greater incentive for a follow-up project than the existence of an actual cave entrance just below the final layer of fill dirt and refuse. Thanks, Ed!

As the day drew to a close, Steve McCracken (REKT) took charge of cleaning up around the sinkhole as tons of garbage had been hauled up to the periphery and into the field for sorting & removal. He did a commendable job of restoring the area to pre-project tidiness. Scott Engel (VY'USS) managed the bonfire throughout the day where low-risk combustibles were incinerated and Bill McCuddy (CRF) documented the day's activities on film. On Sunday, several of us returned to rake the ashes, check for abandoned tools (there were none), and estimate the remaining work load. W. Piercy will not be planting soy beans this coming year and has expressed that we are welcome to return whenever suits us.

Lance & Carol Copas of the Greater Cincinnati Grotto hosted the project, providing very comfortable campsites & a much appreciated campfire on their farm a mere 3 miles from the project. Carol, a registered nurse, was on-site in the event of injury. Almost miraculously there were no injuries requiring aid -- very surprising considering the high-risk environment of this steep sinkhole choked with rusted metal & broken glass. A great portion of the success of this project is due to their timely generosity & hospitality, without which the project could not have been anywhere near as "user-friendly" as it turned out to be. Toward this end, Don Conover (COG/WUSS et al) set-up & maintained a portable latrine near the project site--a much appreciated act of forethought.

Good spirits remained intact throughout the long, exhausting day. Teamwork was exemplary & jolly. If someone approached me with a good idea, I immediately put them in charge of implementing it. This worked very well. Management of such a project, relying upon an indeterminable number of participants, must remain free-form & adaptable. I have learned that, much to their credit, cavers are very resourceful, self-motivated taskmasters, requiring only minimal supervision to cohere them into a conservation team more than up to the challenge. No project has proven this more conclusively than the Freeland's Cave sinkhole clean-up. All volunteers are to be highly commended for their efforts.

A million thanks to all of you who helped make this project a major success!

VOLUNTEERS LIST

The list below represents only those volunteers whose names managed to get on the sign-in sheet. Given the

all-day arrivals & freeform nature of the project, many more went unaccounted for, unfortunately. If you helped with this project and are not on this list, or know of someone who is missing from the list, please jot me a line and I'll add the names to the roster. Thank you. John Cole, II 96 Millcreek Dr., Lexington, KY 40517-2984, or call me at (606) 245-3383.

Steve Aspery, Joe Gibson, Steve McCracken, Kim Sacksteder, Erin Athy, Katie Gogolin, Bill McCuddy, Allan South, Nicole Atrisson, Beth Hagen, Will McCuddy, Andy South, Van Bergen, George Hagen, Michelle Miller, Diana South, Matthew Beversdorf, Craig Ham, Andy Niekamp, Bob Stevenot, John LaMar Cole, Mike Harrington, Robert A. Payn, Kevin Toepke, Don Conover, Brian Heckman, Russell Piercy, Mary Anna Volkert, Carol Copas, Kenny Hedges, Megan Porter, Steve Wathen, Lance Copas, Kim Hedges, Dave Rice, Dan Wickerharn, Annette Summers Engel, Horton H. Hobbs III, Andy Roberts, Scott Engel, Dale Lofland, & Eli Sacksteder

[Steve Aspery reports that the COG had the biggest turnout of all grottos represented. - ED]

The Ohio Valley Region - IV

A region of the National Speleological Society
February 2, 1999

William & Karen Walden
1672 S. Galena Rd
Galena, OH 43021

Greetings William & Karen Walden,

Thank you for your donation to the Ohio Valley Region Jay Kessell Cave Conservation Fund. Your donation was used for the Freeland's Cave Sinkhole clean-up project on November 14, 1998.

The project was a success. Over sixty volunteers helped remove ten tons of garbage and debris from the sinkhole. Fifteen vertical feet of trash was removed. This sinkhole supplies water to the main stream passage in the cave. The cave is home to a beetle species that is found nowhere else in the world. Our effort and your generosity helped restore the cave to its natural habitat.

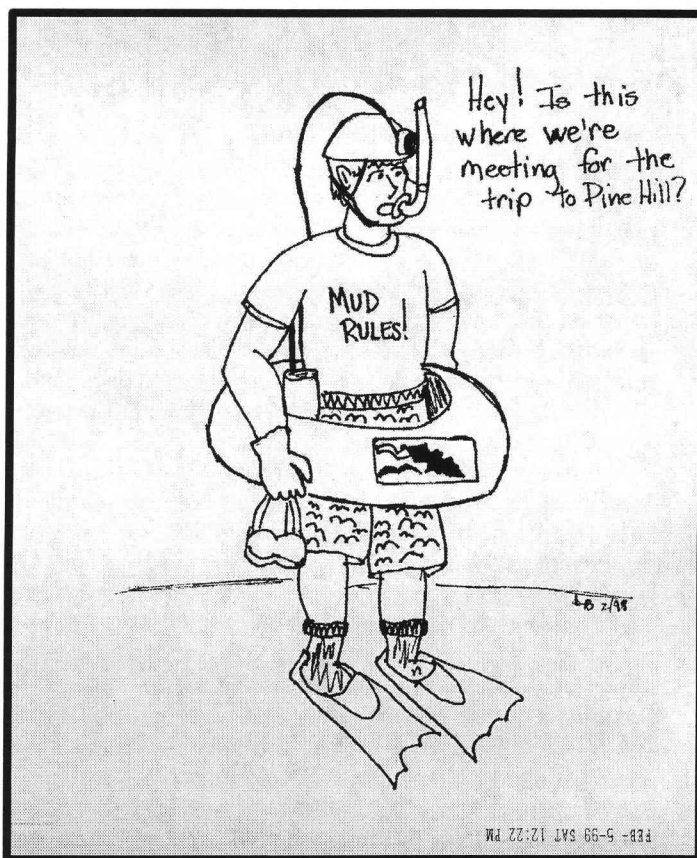
The main cost of the project was the garbage disposal fee. It costs \$350 to dispose of five tons of garbage. This is community project rate. Unfortunately, there is still more garbage to be removed from the sinkhole. We estimate there could be another ten tons. **A follow-up project is planned for April 24. Your continued support of the Jay Kessel Cave Conservation fund is appreciated. Thank you again. Cave softly.**

Sincerely,
Andy Niekamp
OVR Vice Chair 1515 Cordell Dr. Dayton, Ohio 45439
(937) 296-0245
@jniekamp3@aol.com

Dear Andy,

Please recognize that this donation was from the Central Ohio Grotto. \$50.00 came from the grotto treasury and the remaining \$213 from donations at the November meeting.

Sincerely,
Bill Walden



Cartoon submitted by Lacie Braley

TRIP REPORT

Redmond Creek – Hard to Crack

By Bill Walden

Cavers: Greg Erisman, Pat Erisman, Tony Erisman, Katie Walden, Kevin Toepke, Bill Walden and Lee Florea.

I headed for Kentucky the weekend of January 22nd with hopes of new discovery. Once at the field house I met up with Katie and her boyfriend Kevin. New Years Weekend we had followed the wind through a cave above the final Redmond Creek resurgence to a place where it roared up through breakdown in the ceiling. We tried to dislodge the broken boulders by tying 1 inch webbing around the key rock and pulling – it didn't budge.

Saturday January 23rd we returned with a 2-ton hand winch and steel cable. The field around the resurgence was flooded. The water was perhaps 15 feet deep at the resurgence. This forced us to make our way around the hillside to reach the higher entrance.

Once in the cave and at the push site we drilled holes into the ceiling and secured 3/8 inch hardened bolts. With the winch secured to the ceiling bolts and the cable to the rock Greg exerted full force and snapped the ceiling bolts. We repeated the procedure, pulling from a different angle and again broke the bolts.

Surveying the situation and figuring the odds of bringing the rocks down on top of me, I attacked the base rock with a 5-pound hammer, striking blow after blow. Nothing happened, so I rested. Once again I struck with the hammer and the rock was reduced to gravel. The other rocks remained. Feeling that progress had been made, I attacked another rock that appeared to be supported by a small protrusion from the limestone wall. This rock was larger and more threatening. I backed as far away as possible and struck at the tip of the rock. After several blows the rock cracked and fell into a small pond. My face got washed and I was surprised at the force of the water. Next I tackled a smaller rock that blocked our way. Several blows from the hammer chipped enough off that it fell through the opening and the rock rolled across my chest, arm and legs. That surprised me but didn't hurt me. There was now enough room for someone to climb up through the hole.

Pat climbed up and through. There was a small room in breakdown but no place to go. Disappointed, we left the cave. We couldn't think of another project in the area to tackle because we expected the caves to be flooded so we took Lee's suggestion and hiked around the bluff of a nearby mountain looking for sandstone caves. Other than the one known cave, we did not find any more significant caves. From all the survey stations around the mountain's

top, we learned that Charlie Gibbs (of Gibbs ascender fame) owns the top of the mountain.

Sunday Katie and Kevin left and I remained to help Greg Erisman tear down the interior walls of his house. Greg is gutting the house leaving only the original log walls. He plans to raise it several feet and add a second floor. He wants the original house to be one large open space with the original logs exposed to the interior. A modern addition will be attached to the rear.

Tearing down the interior walls was quite a task. All the wood is oak. From the newspapers and magazine pages we uncovered, we figure that the interior wall must have been added in the 1920's. The walls were of box and brace construction rather than the framed construction used today. The box and brace frame was covered with oak planking two layers thick on one face and one layer on the other. On the face that had two layers of planking the inner layer was covered with tarpaper and newspaper. I couldn't figure out why anyone would cover an interior wall with tarpaper and newspapers. The newer layer had been added by Paul Unger when he owned the cabin.

Anyhow, tearing out those oak walls was hard work. Both my arms and hands ached the next day. After tearing down the walls, we started to tear up the flooring. The floor planking was nailed to the logs beneath. The logs are not fastened to anything – they just rest on the base logs of the north and south walls.

I hauled the newer oak paneling up to the field house and stacked it on two of the bunks. This oak should make good siding for the field house – work weekend!

This was the second time that I have helped to tear out part of this house. Paul Unger bought the house in 1975 – the year Katie was born. He sold it to Greg in 1988. When Paul first bought it (It was previously owned by a hermit) we hauled something like 27 wheelbarrow loads of trash out of the house! That night as we were sitting in the house, we heard a funny sound coming from the top of the walls. Someone in the past had put up wall board but the walls are only 7 feet high and the wall board comes in 8 foot lengths so they broke the wall board at an angle around the ceiling to make it fit. Made for a nice rat runway. What a mess!

It will be interesting to see what Greg turns the old house into. I see lots of hard work.

After helping Greg and stacking the wood in the field house, I packed up the camping and caving gear, washed up and headed home. Heading home is always the hard part. The trip home took a bad turn when Karen's car (the Blazer) quit. No warning, it just quit. Luckily it quit just as I had decided to exit at Florence, Kentucky for a bite to eat.

I coasted into a BP station and called AAA. I had no idea what had gone wrong. I opted to have the car towed home.

I got up Monday morning and determined that the alternator had locked up. I removed it and waited for the local NAPA store to open at 8 a.m. They had one in stock. I had Karen off to work by 9 a.m. with a new alternator and belt installed. This set me back a total of \$220.00 including the tow and parts. One of the salesmen at the office had just had his alternator replaced by his dealer -- \$378.00. I'm glad that I opted for the tow home.

Next planned trip – February 19th.

FEBRUARY'S CHALLENGE

By Bill Walden

We haven't had a crossword puzzle in a long time. The theme of this month's puzzle is cave equipment. Of course there are words that have nothing to do with cave equipment, but most do. I received complaints in the past that these puzzles are too hard. Horrors! There are four syllable words and even one five syllable word in this puzzle. Well to help you here is the word list:

Good luck and remember the object is fun.

ARROW	COVERALLS	JUMAR	STROBE
BATTERY	CRICKET	KNEEPADS	TABLE
BELAY	DRILL	LED	TAPE
BOLT	EASY	NEWSLETTER	THREE
BOOTS	FIELDHOUSE	PACK	TRIPOD
BRAKEBAR	FLASHLIGHT	PENCIL	VIRGIN
CAMERA	FLINT	PIG	WATER
CANDLE	FOOD	POLYPROPYLENE	WEBBING
CARABINER	GIBBS	PRUSIK	
CARBIDE	GLOVES	RACK	
CHARGER	GORP	REEDS	
CLINOMETER	HAMMER	ROPE	
COMPASS	HELMET	ROPEWALKER	
COMPUTER	HISTOPLASMOSIS	STERNO	

I have the March puzzle ready. The theme of the March puzzle is cave minerals. It will be a bit tougher.

Have fun – Bill Walden

GUEST SPEAKER

Dr. Jackie Belwood will be our guest speaker for the February meeting. We will have a short meeting and then a program.

Get yourself-ready for Jackie's visit. Some books available are:

Those Amazing Bats, Cheryl M. Halton, Dillion Press, MNPS, MN

American Neighborhood Bats, Merlin D. Tuttle, University of Texas Press, Austin, TX

Walker's Bats of the World, Ronald M. Nowak, Johns Hopkins University Press, 1994.

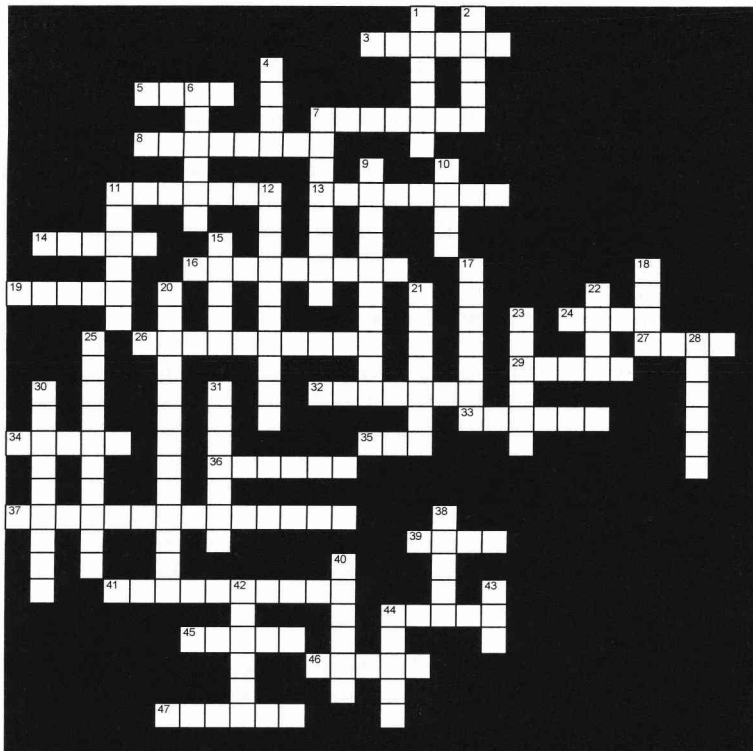
Bat House Builder's Handbook, Merlin D. Tuttle and Donna L. Hensley, Bat Conservation International, Austin, TX

Bats of the Eastern United States, Michael J. Harvey, Arkansas Game and Fish Commission, U.S. Fish and Wildlife Service, Tennessee Technological Institute, February 1992.

A Homeowner's Guide to Northeastern Bats and Bat Problems, Lisa M. Williams-Whitmer, Margaret C. Brittingham, August 1995.

Bats in Buildings and Bats of Ohio, Cincinnati Museum of Natural History - Bat Conservation Program

Cave Equipment II



Across

- | | |
|---|--|
| <p>3. PROVIDES HEAD PROTECTION</p> <p>5. OBJECT USED TO STORE AND CARRY SUPPLIES</p> <p>7. REQUIRED FOR HEADLAMP</p> <p>8. TOOL USED TO STORE AND COMPILE SURVEY DATA</p> <p>11. ELECTRIC DEVICE USED TO RESTORE BATTERIES</p> <p>13. THESE PROTECT ONES KNEES</p> <p>14. MINERAL USED TO STRIKE A SPARK</p> <p>16. OUTER CLOTHING WORN FOR PROTECTION</p> <p>19. MAKES HOLE IN CAVE WALL FOR BOLT</p> <p>24. FOOD MIX CONSISTING OF RAISINS, PEANUTS, AND CHOCOLATE CHIPS</p> <p>26. BACKUP SOURCE OF LIGHT</p> <p>27. THIS PUZZLE IS _____</p> <p>29. ANCIENT CAVERS USED TORCHES MADE FROM _____ (PL)</p> <p>32. CHEMICAL USED IN CARBIDE LAMPS</p> <p>33. ITEM USED TO SUPPORT CAMERA</p> <p>34. MARKING THAT WE CLEAN FROM CAVE WALL</p> | <p>35. CAVE PACK MADE FROM TWO CLOROX BOTTLES</p> <p>36. KNOT USED FOR ASCENDING A ROPE</p> <p>37. THE CAVERS' PNEUMONIA (BEEN DISCUSSED A LOT IN THE CAVERS DIGEST)</p> <p>39. DEVICE FOR DESCENDING ON A ROPE</p> <p>41. PLACE WHERE CAVERS SPEND THE NIGHT BETWEEN CAVING TRIPS</p> <p>44. RECOMMENDED NUMBER OF LIGHTS THAT A CAVER SHOULD CARRY</p> <p>45. MECHANICAL DEVICE FOR CLIMBING A ROPE</p> <p>46. MECHANICAL ROPE CAM (ROPE WALKER SYSTEM)</p> <p>47. COMMERCIAL FUEL USED TO HEAT FOOD</p> |
|---|--|

Down

1. CLOTHING WORN TO PROTECT ONE'S HANDS
2. TO SECURE A CLIMBER WITH A ROPE
4. HARDWARE USED TO SECURE ROPE TO CAVE WALL
6. INSTRUMENT USED TO CHEMICALLY RECORD VISUAL RECORDS
7. DEVICE USED TO SLOW ONE'S DESCENT ON A ROPE
9. MEDIA USED TO EXCHANGE INFORMATION ABOUT CAVE TRIPS
10. DEVICE USED TO MEASURE THE DISTANCE BETWEEN SURVEY STATIONS
11. BACKUP LIGHT SOURCE MADE OF WAX
12. SYSTEM FOR CLIMBING A ROPE USING GIBBS ASCENDERS
15. PROTECT THE FEET AND PROVIDE ANKLE SUPPORT
17. COMMON INSECT FOUND IN MANY CAVES
18. USED TO DESCEND INTO CAVE OR ASCEND FROM CAVE
20. LOTS OF CAVERS LIKE UNDERWEAR MADE FROM THIS COMPOUND
21. USED TO SECURE ROPE OR AS A BELAY FOR SHORT CLIMB
22. SUSTENANCE
23. CAVE PASSAGE NEVER VISITED BY HUMANS
25. INSTRUMENT USED TO MEASURE INCLINATION OR DECLINATION
28. DEVICE USED TO ILLUMINATE VERY BRIGHTLY FOR A VERY SHORT TIME INTERVAL
30. AN OBLONG RING THAT SNAPS TO A RING OR ROPE
31. TOOL TO MEASURE BEARING
38. REQUIRED FOR CARBIDE LAMPS AND TO PREVENT DEHYDRATION
40. TOOL USED TO RECORD MEASUREMENTS
42. TOOL USED WITH IMPACT DRILLS TO SET BOLTS
43. TYPE OF LIGHT THAT HAS BECOME POPULAR FOR A BACKUP SOURCE OF LIGHT. ABV.
44. PLACE ON WHICH CAVERS EAT BREAKFAST

This and That

By Bill Walden

I hate wasting paper. If I don't include this section, the 10th page is wasted. There is some very useful information here.

Fieldhouse

Thanks to Greg Erisman rebuilding his house, we have building material available for our picturesque fieldhouse – you know the one with translucent walls. My thoughts range from the obvious – putting siding on the building to adding on to it. How about a covered porch so we can sit and watch the April rains that scare us from our flood prone caves? Or, how about a washhouse. Sometimes I feel a bit awkward standing naked behind the field house on a January afternoon while taking a shower. Burrrrr! Or perhaps an addition onto the side to make room for more bunks? How about an outhouse with a door? How about . . .

Erisman Estate

Greg will be working on (building) his house this winter and spring. Any help that grotto members can offer will be appreciated.

Farmers Cave System

Hey there Dick, Cheryl, Alice, Darrell, George, on and on. What's happening at the Farmers Cave System? I haven't seen any articles for the Squeaks or heard of any work going on in the Farmers Cave System.

Hard Drive Crash

Last month as I was preparing to back up the grotto files, my hard drive crashed. I thought, thank goodness I've got a backup. Well I went to that backup on another drive and it was corrupted. What was lost?

- All the Squeaks back to mid 1997
- The grotto database. (Fortunately I had multiple back ups and have a good one albeit several months old. I'll pass around a membership list at the meeting. Check it for accuracy.

- All the photos that Don took at the Christmas party.
- Redmond Creek Data and map. Help, Doug I think you have copies of the early data. Please make copies for me. I thought I had this on my laptop too but could not find it.

My book was backed up and I hope OK.

I have copies of most of my photos on other media and that is OK.

I am in the market for a recording CD-ROM. I don't have enough cash yet but with income tax refund I should have enough even after paying Katie's tuition. Remember I'm a tuition-paying father.

Redmond Creek

We have not yet checked out an entrance that Pat and Greg Erisman have located on the hill over the Redmond Cave. This should be checked as a possible rear entrance to the cave system. Also, we should check for possible entrances past the terminal breakdown. I'm not giving up on this cave yet.

Also there are side leads that need to be checked. Unless another entrance is located, this will have to wait till the cave is dry again.

Katie is using Redmond Creek Cave for her senior thesis. She has taken water and rock samples from the cave and surface.

Lee Florea

Lee is a Somerset area caver who is interested in Wayne County caving. This includes the Redmond Creek area. He is very knowledgeable. Please plan to include Lee on your caving trips to Wayne County. It will be mutually beneficial.

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