

The Carbide Courier

The Dayton Underground Grotto
of the National Speleological Society



GROTTO OFFICERS

Chairman

Tama Cassidy
tamac@woh.rr.com

Vice Chairman

Vacant

Secretary

Mike Hood
mkhood@woh.rr.com

Treasurer

Rebekah Sweet
bekahsweet@gmail.com

Board Members

Tom Cottrell
cottrell.thomas@att.net

Dennis Green
caveman@caveexplorer.com

COMMITTEE CHAIRS

Carbide Courier Editor

Mike Hood
mkhood@woh.rr.com

Membership

John Cassidy
jcassidy17@yahoo.com

Conservation

Vacant

Safety and Rescue

Robert Turner
m35tech@yahoo.com

Equipment

Tama Cassidy
tamac@woh.rr.com

Vertical

Tama Cassidy
tamac@woh.rr.com

Landowner Relations

Vacant

Youth Groups

Vacant

Library

Dave Rice
cubelo@woh.rr.com

Webmaster

Mike Hood
DaytonUndergroundGrotto@gmail.com

REPRESENTATIVES

Great Saltpetre Preserve

Tama Cassidy
tamac@woh.rr.com

Fred Ball

ballassociates@yahoo.com

Indiana Karst Conservancy

Mike Hood
mkhood@woh.rr.com

Kentucky Speleological Survey

Don Conover
don@cbe-circus.com

GROTTO MEETINGS

Grotto meetings are held the 2nd Sunday of each month. Meeting locations may vary, so check the DUG web and Facebook pages for details.

www.dugcaves.com

<https://www.facebook.com/groups/DUG.NSS>

Find Us On the Web:

- www.dugcaves.com
- <https://www.facebook.com/groups/DUG.NSS>
- www.twitter.com/DUGCaves
- <https://plus.google.com>

Inside this Issue:

- Calendar of Events
- 25th Anniversary survey
- “How I Would Have Saved Floyd Collins” Ergor Rubreck
- Ohio Valley Region
- Grotto Library Needs New Home
- Minutes of the January Regular Membership Meeting
- Grotto Meeting Survey
- Ohio Caves
- Ohio’s Top Ten Longest Caves
- How Well Do You Know DUG’s History? Answers
- Spring NSS Board of Governor’s Meeting

MEMBERSHIP INFO

- 3 Annual membership is \$15 per
- 5 individual, \$20 per family, or \$7.50 for
- 6 full-time students. Memberships
- 7 renewable on January 1st. Dues can
- 8 be mailed to the membership committee
- 9 chairman:
- 10 John Cassidy
- 11 414 Michigan Ave.
- 12 Troy, OH 45373
- 13 Please make check payable to:
- Dayton Underground Grotto
- You can also pay with PayPal.

Cover Photo: Entrance to Reif’s Cave, the 3rd longest Cave in Ohio



<http://www.dugcaves.com/membership-and-renewals.html>

Volume 24, Issue 2

February 2017

The Carbide Courier is on-line and available for download from the Dayton Underground Grotto website. The newsletter is published monthly. Submissions must be sent to the editor by Friday preceding the last week of the month. Send submissions to mkhood@woh.rr.com.

The Carbide Courier, copyright (c) 2017 by the Dayton Underground Grotto. Excluding reprinted material and individually copyrighted articles, permission is granted to caving and cave conservation organizations to reprint material from this publication, with proper credit given to the author and *The Carbide Courier*. Articles appearing in *The Carbide Courier* do not necessarily represent the official views of the grotto and/or its members.



Calendar of Events

- February 12 Regular grotto membership meeting, 7pm, at Stebbins High School Student Activity Center.
- March 12 Regular grotto membership meeting, 7pm, at Stebbins High School Student Activity Center.
- April 9 Regular grotto membership meeting, 7pm, at Stebbins High School Student Activity Center.
- May 14 Regular grotto membership meeting, 7pm, at Stebbins High School Student Activity Center.
- May 20-21 Great Saltpetre Preserve Open House
- June 19-23 NSS Convention, Rio Rancho, New Mexico (<http://nss2017.caves.org/>)



Get Your Very Own Grotto Patch!

Designed by our very own Tom Cottrell, you too can own one of these handsome patches. They are \$5 each. Contact Tom to purchase one (cottrell.thomas@att.net).

We are officially the 184th different NSS affiliated grotto to have produced a patch

Winner of the 2016 NSS Convention Symbolic Emblem "Caver's Choice" Award

GROTTO IS IN NEED OF A VICE CHAIRMAN!

THE GROTTA IS IN NEED OF A VICE CHAIRMAN. PLEASE CONTACT CHAIRMAN TAMA IF YOU'RE INTERESTED IN THIS POSITION.



2017 MEMBERSHIP DUES ARE DUE!!

Membership dues for 2017 are now due! Contact the grotto membership chairman, John Cassidy, to renew. You can mail in your renewal, or renew through out PayPal account.

See page 2 of the is newsletter for details, or visit our web page at <http://www.dugcaves.com/membership-and-renewals.html>.

Those not paid by March 1st will be dropped from the membership rolls

Grotto Committees in Need of Chairs

The following committee chairman openings are being advertised in accordance with Grotto Act 06-02.

- Conservation Committee
- Landowner Relations Committee
- Youth Groups Committee



Members interested in chairing any of these committees should contact the grotto chairman.

Has Any of your Information Changed??

- Address?
- Telephone?
- E-Mail?
- Joined the NSS?
- Other?

If so, please make sure you update your information on the DUG web page. Go to the "Members-Only" section and click on the "Update Your Information" button. Don't have the Members-Only password? No problem, just go to www.dugcaves.com and click on the "Request the Members-Only Password" button.



Results of the 25th Anniversary Celebration Survey

Here are the results of the survey that was on the grotto web page for December and January:

1. What type of 25th anniversary celebration would you prefer?
 - 66.67% - Camping and caving weekend
 - 33.33% - Informal dinner (casual)
 - 0% - Formal dinner (coat and tie)
2. Should this event be for grotto members only?
 - 84% - No
 - 16% - Yes
3. Should we invite an officer or director from the NSS to attend?
 - 80% - Yes
 - 20% - No

Thank you to everyone who took the time to respond. We had 25 responses to the survey.

CORRECTION TO THE JANUARY *CARBIDE COURIER*

It was mistakenly reported on page 6 of the January *Carbide Courier* that 2017 dues must be paid by March 31st to avoid being dropped from the membership rolls. The correct date is March 1st.

The password to the Members-Only section of the grotto web page has been changed. You can request the new password from our web page, or e-mail your request to DaytonUndergroundGrotto@gmail.com.

"How I Would Have Saved Floyd Collins," Ergor Rubreck

By Ergor Rubreck

Caver Floyd Collins died in Sand Cave in Kentucky during the last week of January or first week of February, 1925. Nobody knows the exact date. From the beginning, controversy swirled about how to rescue him. And the 20-20 hindsight afterward swirled and swirled until today, when I report exactly how Floyd Collins could have been saved if I, Ergor Rubreck, had been in charge of rescue operations. One reason that was not possible, of course, was that I was not born yet.

First, a few facts: Only three small cavers could reach poor Floyd. The place where he was trapped required fishtailing down a small diameter slope head first or feet first. Once there, the would-be rescuer was either standing on Floyd's face or facing him upside down. One cannot work in a sustained way upside down in a cold, drafty cave. Nearly all the "methods" subsequently posed to recover Floyd were tried at the time or ruled out by one practical consideration or another. This was the conclusion of Robert K. Murray and Roger W. Brucker, co-authors of the book *Trapped! The Story of Floyd Collins*.

A major problem during the rescue attempt was ambiguous information. Some miners

reported a "mine squeeze" that they said precluded pulling Floyd out through the entrance. Walls and ceiling were squeezing down and preventing human access to where Floyd lay trapped. Untrue. A survey started from the entrance and supposedly pinpointing the very spot there Floyd lay stuck had ended two stations short and about 15 feet from where Floyd actually was. Youngsters said they had talked to Floyd and fed him, but they did neither. Homer Collins, Floyd's brother, and Johnnie Gerald, Floyd's friend said the shaft was a bad decision, unsafe, doomed to fail, but Henry Carmichael insisted the shaft was "the only way" to get Floyd out. His timing was just short of about two weeks beyond his estimate of a success date.

So what makes you so sure you could have rescued Floyd? you may ask. First, as the most wonderful and resourceful caver in the world, I have read all the accounts of the rescue attempt. Secondly, I have rescued trapped cavers myself (the Ukraine cavers trapped behind the cave gate in freezing weather when I inadvertently left the cave without hiding the gate key.) And I have seen Sand Cave at first hand. These three facts make me amazingly well qualified to tell

the world how Floyd might have been finally saved.

First, I would advise Floyd to **stay out of Sand Cave**. He would not listen to the available country bumpkins visiting caves in those days. Given my internationally famous reputation, he would have heard of me and instantly recognized superior counsel. His step mother advised him to stay out of that cave, but what do moms know anyway?

Second, I would have immediately renamed the cave. Sand Cave sounds unimportant. I would rename the cave MAMMOTH CAVE from the git go. Why? Cavers who are trapped in no-name cave in Podunk, KY are beyond understanding and empathy. However, millions of people have been in Mammoth Cave. "I got out after my trip to Mammoth Cave. Why can't Floyd get out?" So rather than wait while the story built, we'd hit the 11 o'clock news the first day! Then all America would respond quicker than they did in 1925..

Third, I'd drill into the solid rock wall behind Floyd and install a big eye-bolt. I'd strap a harness around his body and hook a come-along between the harness and the eye-bolt. The come-along

is a ratcheted pulley device for pulling heavy loads. I'd hire a rock band to play loudly at the mouth of the cave. I'd have an ambulance standing by. I would insert ear plugs in my ears and ratchet the come-along to extract his body forcibly. Floyd's foot would be mangled, bones broken no doubt, with much excruciating pain and shouting.

It will be remembered that a pulling attempt was made with a rope, by Floyd's friends, but his cries of anguish unnerved Homer. Both he and his brother stopped the pulling. They never resumed. By using the mechanical advantage of the come-along I would overcome the friction caused by the bends in the passage and the inability of men lying prone in cold water to exert sufficient force to drag him out.

I am certain my come-along method would have worked, and more than certain Floyd would never speak to me again. While his caving career might be ended, he could limp around Crystal Cave and tell stories to visitors of how Ergor Rubreck maimed him for life, how Ergor disregarded his shrieks of pain, and how Ergor cheated him out of a fortune by ending the rescue attempt shortly after it began and before any of the money rolled in. My reputation would certainly suffer. Come to think about it, I'd better plan now NOT to rescue anybody anytime soon in Kentucky or anywhere else. Don't call me.

Ohio Valley Region

DUGsters, I've been approached by some NSS members about starting back up the Ohio Valley Region of the NSS. As you may know, it was dissolved a couple years ago.

To see if there is any interest in starting the region back up, there is a short (one question) survey that members of the grotto can take. It can be found on our web page.

I'm not committed to this either way and want to see what the opinion of the grotto members are before going any further with this.

At this time, there is no position on officers, policies, dues, bylaws, membership, etc. The survey is just a simple "yes" or "no" to starting it back up.

If there is enough interest, then a meeting can be scheduled to start hammering out the above mentioned details.

Mike Hood

Grotto Library Needs a New Home

The grotto library, currently located at the home of Roger and Lynn Brucker, needs to be relocated. The library isn't very large and consists of one bookcase. Please contact chairman Tama if you're interested in providing a new home for the library. DUG's Library Committee Chairman is Dave Rice.

MINUTES OF THE DAYTON UNDERGROUND GROTTA
REGULAR MEMBERSHIP MEETING
JANUARY 8, 2017

1. Chairman Tama Cassidy called the meeting to order at 7:00pm. Twelve people were in attendance. Officers in attendance were:

 Chairman Tama Cassidy
 Secretary Mike Hood
 Board Member Thomas Cottrell
 Board Member Dennis Green

 Vice Chairman - Vacant
 Treasurer Rebekah Sweet (Excused)
2. Secretary Mike Hood read the minutes from the December meeting. The minutes were approved by unanimous consent.
3. Chairman Tama Cassidy gave the treasurer's report. We have \$2846.44 in checking, and \$1591.99 in savings.
4. KSS representative, John Cassidy, reported the grotto's dues of \$75 to the Kentucky Speleological Survey were due for 2017. Jim Pisarowicz moved to renew the grotto membership. Mike Hood seconded. Motion passed.
5. Chairman Tama Cassidy was contacted by Ohio bat biologist Bridget Brown. She wanted to know what caves we went to and if our members were following decontamination protocols. There's the possibility that Ms. Brown may be wanting to introduce legislation in Ohio to close Ohio caves due to White Nose Syndrome. Jim Pisarowicz suggested that we volunteer to accompany her to bat counts in Ohio caves.
6. Chairman Tama Cassidy reported that Cabelas contacted us about their Spring Outdoor Day on March 25th and invited us to participate with a display table. Kelly Johnston said she could be there. Anyone else interested in participating should contact Tama.
7. The Winter Adventure Weekend at Carter Caves State Resort Park in Kentucky was discussed.
8. Mike Hood reminded everyone the grotto's 25th anniversary survey was still going and that it would close on January 31st.
9. Chairman Tama Cassidy presented the grotto's Distinguished Member Award to Jim Pisarowicz in recognition of his years serving as grotto chairman. The award comes with a three-year membership.

10. Chairman Tama Cassidy informed the members that Rebekah Sweet's house burned down. The family made it out safely, but the house was a total loss. A Go Fund Me page may be set up and contributions are appreciated. Additional information will be sent to the members as it is received.
11. Chairman Tama Cassidy brought up how often do we want to have meetings since our monthly meetings are lightly attended. Do we want to go back to quarterly meetings, or something else. This will be placed in the February newsletter and on the web page for member input.
12. A meeting in the field in April is being planned. This will take the place of our regular meeting on the second Sunday of the month. The date is not final and more information will follow.
13. Secretary Mike Hood asked what the grotto would like to budget for donations in 2017. Do we want to donate to the NSS Headquarters fund and RKC Skylight Preserve again this year? The NSS Headquarters mortgage is down to \$345K (the initial mortgage was \$2.2 million). This will be further discussed at the February meeting.
14. The 2017 Wormfest was discussed. We need a chairman and help to put it together. Potential sites for the event are the Crawford County Fairgrounds in Indiana (site of the 2007 NSS Convention and 2008 Wormfest) and the Shriners Campground in Olive Hill, Kentucky (site of the 2006 Wormfest).
15. There was no further business and the meeting was adjourned at 7:40pm.

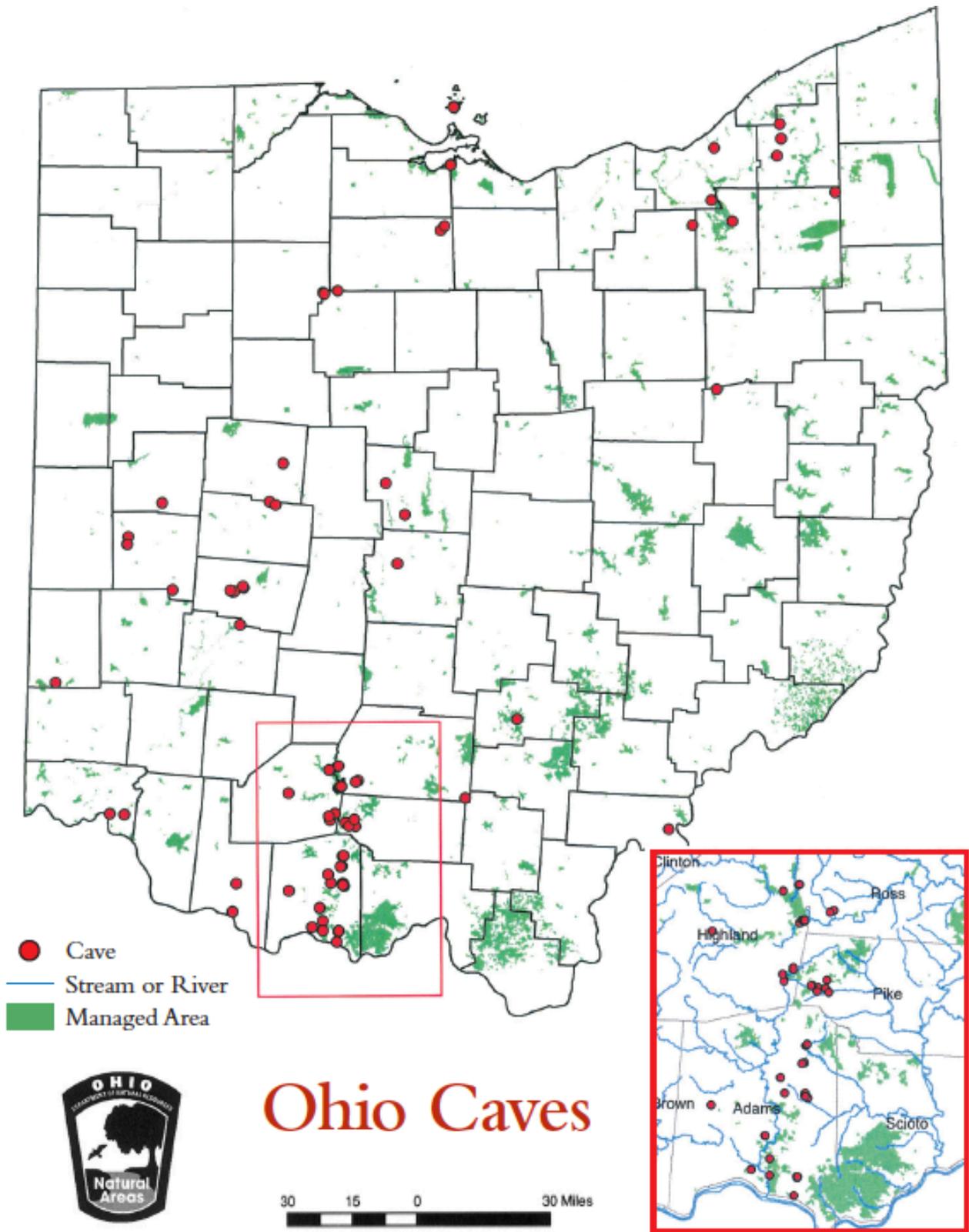
Respectfully submitted,

Mike Hood
Secretary

Grotto Meeting Survey

At the January grotto meeting, the topic of changing our meetings was discussed. The conversation was about whether or not we wanted to continue with monthly meetings, go to quarterly meetings, or something else.

There is a survey on our web page about this. Please take a moment to vote on your choice of meetings. The survey will close at the end of February.



Ohio's Top Ten Longest Caves

<u>CAVE NAME</u>	<u>LENGTH (FEET)</u>	<u>COUNTY</u>
1. Ohio Caverns (Reames Cave)	15,787 (2.99 miles)	Champaign
2. Freelands Cave	2,323	Adams
3. Reif's Cave	2,288	Ross
4. Zane-Shawnee Caverns	1,529	Logan
5. Devil's Den Fracture System	1,155	Portage
6. Cedar Fork Cave	1,023	Adams
7. Wet Cave	807	Highland
8. Ash Cave	700	Hocking
9. Paradise Cave	640	Ottawa
10. Indian Trail Caverns	597	Wyandot

This information is from the Long and Deep Caves web page and NSS Cave Files Committee.



Ohio Caverns



Freelands Cave Entrance

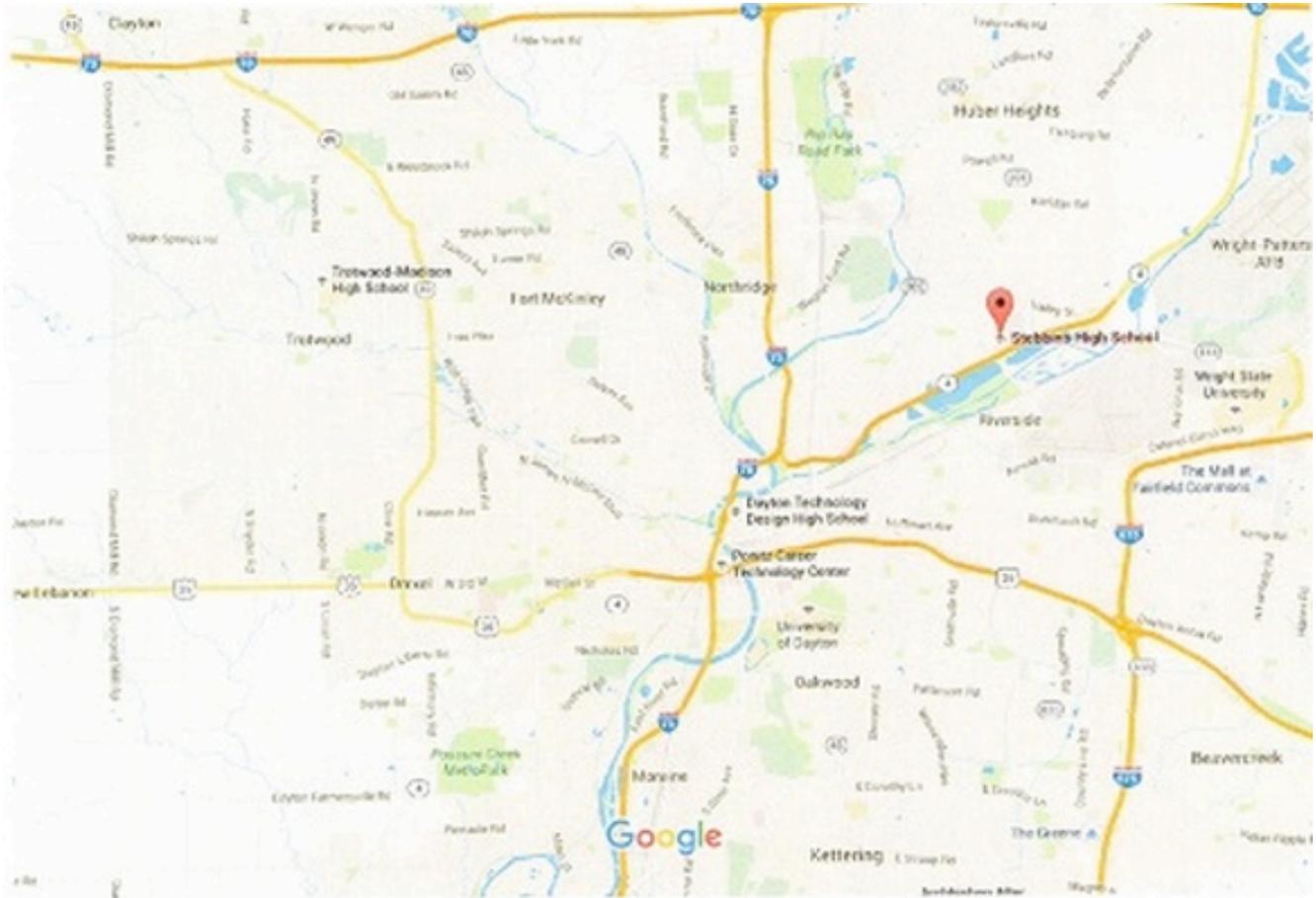
HOW WELL DO YOU KNOW DUG'S HISTORY?

Answers from the questions in January's Carbide Courier

1. He started the grotto in 1992. **Dan Flynn**
2. Affectionately known as the "Father of the Grotto." **Joe Windows**
3. Was given the title "Cave God." **Colin Gatland**
4. DUG's annual event in the field. **Wormfest**
5. Award given for "spelunker-type" behavior. **Richard Stone Award**
6. Was a president of the NSS. **Mike Hood**
7. When did the grotto host the NSS Board of Governors meeting? **April 23, 2002**
8. DUG members camp and cave here often. **Great Saltpetre Preserve (GSP)**
9. Author of many books relating to the Mammoth Cave region. **Roger Brucker**
10. Sandy Rice's caving nickname. **Cave Bitch**
11. DUG members who are Fellows of the NSS. **Roger Brucker, Don Conover, Colin Gatland, Mike Hood, Werner Jud, Andy Niekamp, Jim Pisarowicz, Lou Simpson**
12. The grotto's newsletter. **Carbide Courier**
13. What took place at General Burnside Island State Park in 1992? **The first Wormfest**
14. DUG's first Honorary Member. **Lou Simpson**
15. Many of DUG's early members came from this program where a course on caving was taught by Andy Niekamp and Joe Windows. **Kettering Adult School**
16. He designed the grotto's official logo. **Clay Abernathy**
17. He designed the grotto's "Patch-Free" patch. **Tom Cottrell**
18. She designed DUG's first t-shirt. **Judith Keegans**
19. DUG's NSS charter number. **366**
20. The cave in Montgomery County named for one of our members. **Joe Windows Kettering Cave**

Location of the February 12th Grotto Meeting

Walter E. Stebbins High School Student Activity Center
1900 Harshman Rd., Riverside, OH 45424, 7PM



Spring NSS Board of Governors Meeting

The spring National Speleological Society’s Board of Governors meeting will be held on March 25, 2017, at Diamond Caverns in Park City, Kentucky. If you’ve never attended a board of governors meeting and see how the NSS’ national leaders operate the society, here’s your chance to attend one that is relatively close by.





The Dayton Underground Grotto
 Of the National Speleological Society
MEMBERSHIP APPLICATION FORM
 www.dugcaves.com

PLEASE PRINT CLEARLY

NAME:		NSS NUMBER: <i>(if member)</i>	
ADDRESS:			
CITY:		STATE:	ZIP CODE:
E-MAIL ADDRESS:			
HOME PHONE NUMBER:	CELL PHONE NUMBER:	WORK PHONE NUMBER:	
I AM 18 YEARS OF AGE, OR OLDER: <input type="checkbox"/> YES <input type="checkbox"/> NO			

MEMBERSHIP TYPE AND ANNUAL DUES (check one)	
<input type="checkbox"/>	INDIVIDUAL (\$15)(\$7.50 if after July 1 st)
<input type="checkbox"/>	INDIVIDUAL STUDENT (full time students only)(\$7.50)(\$3.75 if after July 1 st)
<input type="checkbox"/>	FAMILY (family members must reside in same household)(\$20)(\$10 if after July 1 st) List family members:

NOTE: Members who join and are not NSS members are associate members and may not vote or hold grotto office. NSS members are regular members and have all grotto privileges.

WILL THE DAYTON UNDERGROUND GROTTTO BE YOUR PRIMARY NSS AFFILIATION? <input type="checkbox"/> YES <input type="checkbox"/> NO

DO YOU WISH TO SUBSCRIBE TO THE GROTTTO YAHOOGROUPS E-MAIL LIST? Send e-mail to dugcaves-subscribe@yahoogroups.com

Signature Date

Signature of Parent/Guardian if under age 18 Date

Make checks payable to the Dayton Underground Grotto
 Mail completed form and payment to John Cassidy, 414 Michigan Ave., Troy, OH 45373

**ROCKCASTLE KARST CONSERVANCY (RKC)
 GREATER CINCINNATI GROTTO (GCG) • BLUE GRASS GROTTO (BGG)
 DAYTON UNDERGROUND GROTTO (DUG) • CENTRAL OHIO GROTTO (COG)
 LIABILITY WAIVER, ASSUMPTION OF RISKS,
 RELEASE AND INDEMNIFICATION AGREEMENT
 CAVING CLUB, EVENT AND ACTIVITIES, CAVE ENTRANCE, EXPLORATION, STUDY
 Attention: By signing this document, you will waive certain legal rights. Please read carefully.**

WARNING

There are significant elements of risk in any organized caving club, event, adventure, sport, or activity associated with a cave. Certain risks cannot be eliminated without destroying the unique character and natural beauty of the cave and caving activities. The same elements that contribute to the unique character of the activity can be causes of loss or damage to your equipment, or accidental injury, illness, or in extreme cases, permanent trauma or death. We do not want to frighten you or reduce your enthusiasm for these organized events and club activities but we think it is important for you to know in advance what to expect and to be informed of the inherent risks.

ACKNOWLEDGMENT AND ASSUMPTION OF RISKS

I acknowledge that the following describes some, but not all, of the risks: 1) Slips, trips, falls, or painful crashes due to pits, boulders, loose debris, inclines, declines, and wet areas in the cave; 2) risks associated with crossing, climbing, or down climbing; 3) Misuse of equipment or failure of equipment; 4) my physical strength, coordination, sense of balance and ability to follow or give directions while climbing, belaying, crawling, walking, or stooping; 5) fatigue, chill, hypothermia, and/or dizziness, which may cause injury in and of itself or diminish my reaction time and increase the risk of accident; 6) my own inadequate equipment and lack of training; 7) the risk of head injury by falling rocks, debris, slipping and falling, tripping, my own failure to wear a helmet, and banging my head on rock protrusions or the ceiling; 8) non-level ground and walking surfaces such as breakdown, mud, cave formations, water, gravel, and rocks which may cause falls, twisted ankles, and other bodily injury; 9) the complicated labyrinth of passages in a cave which may cause me and other members of my party to get lost; 10) the fact that since all caves are underground they may flood and have high water levels which can cause drowning, hypothermia, and other illness and injuries; 11) abrasion from or entanglement with ropes or equipment; 12) the presence, actions or falls of other members of my party; 13) the fact that caves are dark areas, the very definition of a cave is a natural opening in the earth where light does not penetrate - therefore the risk of entering a cave without adequate lighting for which I am solely responsible; 14) the presence, actions, or falls of other participants; 15) trash, man-made debris and other materials which may be washed into or otherwise accumulate in a cave; 16) the presence or absence of good, breathable oxygen in a cave; 17) farm equipment, farm animals, dogs, vehicles, vegetation which may exist and be hidden on my ingress and egress to and from the cave; 18) the inherent and extreme risks associated with swimming in a cave's water and particularly of cave diving; and 19) wild animals which exist in nature and which may use the cave's entrance or the cave itself for a habitat and all risks associated therewith; 20) misuse of alcohol and/or drugs that impair thought decision making and motor coordination; 21) risk associated with organized caving clubs, events, rappelling, contest games, food and the premises at which these events are held.

I understand that the description of these conditions and risks is not

complete and that other unknown or unanticipated risks may result in injury, illness, or death. In recognition of the inherent risks of the organized caving club, events and any caving activity which I, and/or any minor child for which I am responsible, will engage in, I confirm that I am (we are, the minor is) physically and mentally capable of participating in these organized caving clubs events, activities, entering, exploring, surveying and/or studying the cave and activity and using any equipment which I/the child may bring along. I/we/he/she participate(s) willingly and voluntarily and I assume full responsibility for personal injury, accidents or illness (including death) and any related expenses. I also assume responsibility for damage to or loss of my/our personal property. I/we also assume the risk for accidents or injury caused by the negligence of any persons engaging in these activities and organized caving clubs events with me/us, including any tour guides, fellow explorers, fellow cavers, friends, and the like, whether such negligence is comparative or contributory. I/we are aware of the risks associated with organized caving events and clubs, caves and cave exploration and with utilizing equipment for climbing and rappelling in a cave and understand the technical aspects of these activities. I/we accept that climbing in a cave, cave exploration, and particularly cave diving are inherently dangerous sports. I/we acknowledge that wearing appropriate clothing, footwear, lighting, helmets and equipment are basic safety precautions and that wearing a UIAA approved helmet may help prevent head and/or neck injuries. I/we understand and accept that it is not the responsibility of RKC, GCG, BGG, DUG, or COG, volunteers, trip leaders or tail guides, to ensure that I/we have/has this equipment and we are(s) it before my (our) entrance into the cave but my/our sole responsibility.

I (and on behalf of the minor) assume the risks of personal injury, accidents, illness, including but not limited to sprains, torn muscles and/or ligaments, fracture or broken bones; eye damage, cuts, wounds, scrapes, abrasions, and/or contusions, dehydration, oxygen shortage, hypothermia, head, neck and/or spinal injuries; insect bites or allergic reaction, food poisoning and reactions from food; shock, drowning, paralysis and/or death.

In consideration of the privilege to participate in these organized caving events, club activities, enter the cave and being allowed to survey, study and/or explore it; I on my behalf and the behalf of any minor in my charge or for which I am parent, legal guardian or otherwise responsible, any heirs, personal representatives or assigns, do hereby release RKC, GCG, BGG, DUG, and COG, organizers, volunteers, families of, landowners upon whose land I may cross, private owners of caves, and their principals, directors, co-owners, spouses, agents, employees, and volunteers, and each and every land owner, municipal and/or governmental agency upon whose property such activity is conducted, from all liability and waive any claim for personal injury, property damage, or wrongful death occurring to me and/or any minor in my charge or for which I am parent, legal guardian or otherwise responsible from any cause whatsoever. This document is the property of the Rockcastle Karst Conservancy. (Last updated 9/2/2015)

Adult Caver or Visitor: _____ Signature: _____

Names: Minor: _____ Age: _____ Relationship: _____

please print clearly Minor: _____ Age: _____ Relationship: _____

Minor: _____ Age: _____ Relationship: _____

Address of Adult: _____ Phone Number: _____

Date Signed: _____ Witness: _____

THIS WAIVER VALID THROUGH END OF CALENDAR YEAR SIGNED