



Tennessee Cave Dirt

Tuesday Edition

Welcome {{ contact.FIRSTNAME }} {{ contact.LASTNAME }},

Luminary Series

All Luminary Series sessions will be held at **1:00 PM** in the Auditorium. This is the real correct time this time...

Tennessee Cave Dirt

All of the 2019 NSS Convention Tennessee Cave Dirt issues are now online at

nss2019.subworks.com/tcd

High School Floor Plans

- First floor plan <http://nss2019.subworks.com/tcd/FirstFloor.pdf>
- Second floor plan <http://nss2019.subworks.com/tcd/SecondFloor.pdf>

Free T-Shirts!!!

Want a free T-Shirt? Volunteer for at least 4 hours and we will give you one!

We need beer servers for the campground party Wednesday starting at 5:30pm.

We also need help Wednesday setting up the auction, during the auction, and breaking down the auction.

As always we need help at registration and at the security gate at the campground. If you work security you will get the rare **YELLOW** shirt!

Thursday we will need help with the photo salon. yma & Martha

See us at the volunteer desk across from registration.

Myrna & Martha

The Butler Hollow Project (Abstract Correction)

The Butler Hollow Project - Gating mined caves in Missouri
Michael Sutton and Scott House, Cave Research Foundation
Presenter: Michael Sutton

The Butler Hollow area on the Mark Twain National Forest (MTNF) in Barry County, Missouri is not an orthodox mining district - the past mining activity is a remarkable story of fraud and naivety involving at least five caves, in a highly unlikely search for radium. The activity left several caves with humanly excavated entrances and passages, which can be hazardous to the public. Because of this past use, the US Forest Service classifies these mostly natural caves as mines, and are obligated to control access for public safety. Since most of the caves house bat populations, bat-friendly gates were required. MTNF entered into a cost-share agreement with Cave Research Foundation to not only gate the mined caves, but to search for other potential mining sites on the Cassville sub-district and to perform mapping and biological survey of caves throughout the sub-district. The project began in 2014. Gating, headed by Jim Cooley, began in October 2015 and was completed in December 2018, with the construction of 12 bat gates on four caves and one mine. The project has also resulted in a thorough documentation of caves throughout the sub-district. Of the 147 known caves, more than 80 were first recorded during this project. Most of the caves are small, but range up to 500 m, and include many biologically and archeologically significant sites.

MS: haganandsutton@gmail.com; SH: scott_house@hotmail.com

Vertical Section Needs Help

The VS is short of volunteers needed to staff the vertical climbing contest today (Tuesday), and the vertical techniques workshop on Wednesday. Anyone available to donate some time to us, please come to the gym and talk to Terry Mitchell.

Western Cavers

If you didn't bring cave gear with you due to WNS concerns, there are a limited number of packs & coveralls available at the cave info booth. No vertical gear. If you would like to borrow V-gear contact Dan Legnini to discuss. 224-422-2249 (no text) or d_legnini-mail@yahoo.com

Rock Breaking Workshop (Class Change)

The Rock Breaking Workshop originally scheduled for Tuesday night at the Campground has Changed to Wednesday night before the Campground Party. The class will start at 6pm and should run until 7:30pm. Carroll Bassett

Campground Mini Workshops

Bolting Workshop presented by Matt Oliphant at 5:30 pm at the large boulders to the east of the security tent near the campground entrance. Come see and participate in a demonstration and discussion of bolting techniques and hardware.

DistoX Calibration Workshop presented by Carol Vesely and Nancy Pistole at 8:30 pm Tuesday east of the security tent at the campground entrance. Learn how to calibrate your distoX2: a step by step demonstration and discussion of techniques. Bring your disto if you have one.

Conservation & Management

It's Conservation & Management Tuesday! Join us in the Lecture Hall for many

fantastic presentations, including a special workshop "Stalagmites and Simple Machines: Teaching Conservation by Aligning CaveSim Lessons with Educational Standards" which will be a fun and hands-on workshop about bridging the gap between cave conservation and the general public. Be sure to stop by at 12:30PM to play (and learn) with some simple machines.

Convention Recycling

We have worked very hard to reduce the amount of single use plastics used at Convention. This includes paper plates and corn starch based biodegradable cutlery for the banquet.

There will be aluminum and plastic recycle stations around the high school and the campground. Please empty all cans and bottles BEFORE placing them in the recycling containers. There will also be a recycling dumpster at the campground for aluminum and plastic.

Glass recycling containers at the campground are by the security gate. Please put your glass in the appropriate color marked container.

Let's see if we can make this an environmentally friendly convention. Please recycle as much as you can!

Timpanogos Cave Virtual Reality Demonstration

Too ~~hangover~~ tired to go caving? Decon getting you down? Come experience a virtual reconstruction of Timpanogos Cave National Monument! Signups are at the door of Room 37. Walk-ins first come first serve. Demos available Mon/Tues/Thurs: 9am-12am.

PS: This graduate project is made possible by a CESU agreement between Timpanogos Cave National Monument and the University of Arizona. As such it is a work in progress and doesn't necessarily reflect the finished product. We'll have a disclaimer for people about it on the door.

ARRL Amateur Radio Exam

ARRL amateur radio exams will start at 6:00 pm, not 7:00 pm Tuesday. Meet at the ham station, K4C in the campground.

Sam Rowe, KG9NG
KG9NG@arrl.net

SURVEY COMPETITION

Think you're a good surveyor? The 2019 National Speleological Society Survey Competition will put your skills to the test. Located in the campground directly adjacent to the cave information booth, the course consists of 12 established stations from which you (teams of up to 3 people) will collect and record data. Either use your own set of instruments (no Disto's!) or check out a compass, clinometer, and tape at the booth (courtesy of Sewanee Mountain Grotto). Loaner instruments are only available while the booth is manned (7-10 AM and 4-7 PM), but the course is open all hours of the day and night from Monday at 8 AM to Thursday noon. Simply pick up a blank data sheet from the "Survey Competition" clipboard at the cave information booth, then get "on station!" Stations are pre-numbered and clearly marked with flagging tape. No sketching required! When you finish, return your data sheet to the box at the booth. Surveys will be judged on accuracy and loop closure, with prizes for the first, second, and third place winners. Winners will be announced 5 PM at the Cave Information Booth at the Fairgrounds Contact Hali Steinmann (halisteinmann@gmail.com) for further information.

Caver Open Mike Night

There will be a caver Open Mike Night on Tuesday night. The event will be at the Music Barn at the Putnam County Fairgrounds from 7:30 - 10:30pm. Come hear covers sing caver ballads and all kinds of music for the evening. All participants welcome to join in and sing their favorite songs. Bring your instruments and join in!

Terminal Syphon T-shirts

Terminal Syphon T-shirts \$10. Albert made 25 Terminal Syphon T-shirts. If you want one before the gig, find Albert Ogden in the Groad Hollow campground area.

Speleobook Dutch Auction

Speleobooks Dutch Auction section will feature thousands of items going on progressive sale throughout the week while they last. Also, daily features throughout the rest of shop. Daily Discounts 10% off.

- Monday - Batdannas, Sarongs and Hats
- Tuesday - Used & Out Of Print Books
- Wednesday - Pint Glasses and Coffee Mugs
- Thursday - Quilts all at 10% off on their respective feature day

Dutch Auction items start at low prices and go down each day starting Tuesday to 25%, Wednesday to 50%, and Thursday to 75%.

Headquarters/Team 404 Donors

If you donate \$300 or more per year towards the Headquarters you are a Team 404 member. Come by the NSS Bookstore to pick up your pin for 2019. Thank you for your support.

Happy Birthday

"Happy 76th Birthday, belated, to Harold Pruitt! You are still a scoundrel but I Love You any way!"

For Trade

I have steel guide bars for new (unworn) Bars.

Chris
865-684-8736

SCCi

Show everyone that you help save caves by stopping by the SCCi booth in vendors row. Purchase a tshirt, cap or mug to help preserve the caves you love.

James G. Mitchell Award

The James G. Mitchell Award may be awarded for the best scientific paper presented at any of the sessions of the convention by a member (or members) of the NSS who is a current student. Papers will be evaluated primarily on how well they exemplify sound methods of scientific research and presentation, and

secondarily on their contribution to scientific knowledge. Presenters desiring to be considered for the award should contact Mike Backe at Awards@caves.org. Please provide the presenters name, NSS No., student status, paper title, session presented in, and the scheduled date and time of the presentation.

Speleo-Auction **7pm Wednesday Auditorium Benefitting NSS**

Come out and join us for the annual NSS Auction and Fundraiser. Bring your checkbook or credit card and bid on the many speleo-treasures that will be offered. Proceeds go to the NSS. Donations of items for the auction are welcome and can be dropped off at the NSS Bookstore area prior to Wednesday at 5pm. Many auction items will be on display before the event at the NSS bookstore.

Donations of items which will be of interest to cavers and sell competitively are encouraged. Vintage items such as NSS Newsletter and Bulletin prior to 1950 may be highly sought after. Artistic bat memorabilia may sell for some value. Halloween decorations should go elsewhere. Bundles of NSS News and other recent publications will not be accepted. Donated items become the property of the NSS. Donations may be tax deductible. Check with your tax advisor or the IRS for deduction determination.

NSS Matching Donation Opportunity

A generous member has pledged to match up to \$25,000 in donations to the NSS through July 31, 2019. You can make your donation at the NSS Bookstore during convention, or through the caves.org website anytime. And of course you can always mail in a check to NSS Headquarters.



**NOW IS THE PERFECT TIME TO
SUPPORT THE NSS**

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MATCHING DONATIONS
UP TO \$25,000 that are received
NOW through July 31, 2019**

The 2019 NSS Convention will be held in Cookeville, Tennessee June 17-21, 2019.

Please submit newsletter requests to: nss2019newsletter@subworks.com
Please visit the convention website at: nss2019.subworks.com
High School Wifi: SSID: nss2019, Password: nss2019tn

Stan White #63969
Newsletter Editor

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