CENTRAL
OKLAHOMA
GROTTO
OF THE NATIONAL
SPELEOLOGICAL SOCIETY,INC

C.O.G.nizance

Inside this Issue

Announcements ……..…...….....2
White-Nose Decontamination Protocol; Meeting places for 2019
Minutes ……...……...……...……..…….2
Treasurer's Report ....…...…….……..……..2
Trip Reports
No trip reports this month
Grotto Cave Map by Sue Bozeman. 3
Potpourri
New insect discovered in Canada may be survivor from the last Ice Age ……..…….....3

The Next Meeting will be on Friday March 8, 2019 7:30 p.m. Hosted by John Talbot.

A mat of Myotis velifer in Greene's Cathedral Bat Count 2019. Taken by Jon Woltz.

ANNOUNCEMENTS

*Northwest trips are scheduled the third Saturday of every month. Contract Sue or John Bozeman for details.

*The Next meeting will be Friday, March 8, 2019 at John Tabot's.

WHITE-NOSE SYNDROME DECONTAMINATION PROTOCOL, September 2018

This is the latest formal revision of the national decontamination protocol to prevent spread of the fungus that causes white-nose syndrome. This document is the product of a collaborative effort with multiple federal and state agencies and several non-governmental organizations. Go to this website to view the detailed suggestions listed to help stop the spreading of WNS.

https://www.whitenosesyndrome.org/static-page/decontamination-information

MEETING PLACES FOR 2019

Mar – John Talbot
Apr – Dale Amlee
May – Jason Talbot (!!)
Jun – Steve Beleu – self-noted 'The Skillful Ogre'

Sep – Woltz
Oct – Art and Paula Wallace
Nov – Van Dyke
Dec – Bozeman – Christmas Party

MINUTES

CENTRAL OKLAHOMA GROTTO
February 8, 2019

After 8 p.m. After taco soup, hummus and veggies, chips and dips, chocolate candy, drinks galore and aren't you sorry you weren't there?

Those of us who were (Entire Van Dyke Family, John and Elaine Talbot, Jon and Kelley Woltz, John and Sue Bozeman) were treated to a standing-on-a-kitchen chair report on the Jester bat count by Master Andrew Van Dyke. (See report elswhere in this newsletter) Nicely done.

In our semi-official meeting, sans Dale Amlee (family crisis) and Steve Beleu (caught in traffic accident tie-up), the following occurred:

- John B. did a show and tell on the black rimstone found on the floor of The Grotto Cave
- Sue passed around the drawing of The Grotto Cave map, passage surveyed as of the January 26th trip.
- We discussed the bat counts in Jester, Alabaster and Greene's Cathedral. All counts are down. Jester's are down least of all. Swab results from Jester will be available in a couple of months, per info from Duane.
- We talked about the collapse of a section near the (former) entrance of Alabaster Caverns. (See Duane's report)
- We discussed Betty Selman's 97th birthday party and that Sue and John would likely join the festivities and bring good wishes from the whole grotto to our long-time cave hostess.

Arrangements were made for the following Saturday's cave survey at The Grotto Cave.
John Talbot gave our Treasurer's Report.

Jon Woltz closed the meeting at 9:22.
Very badly reported by yours truly, Sue Bozeman

TREASURER'S REPORT

FEBRUARY 2019 TREASURERS'S REPORT

INCOME **EXPENSES**

CASH ON HAND	**$**	**52.05**
CHECKING	**$**	**118.94**
SAVINGS	**$**	**2,165.05**
TOTAL	**$**	**2,336.04**

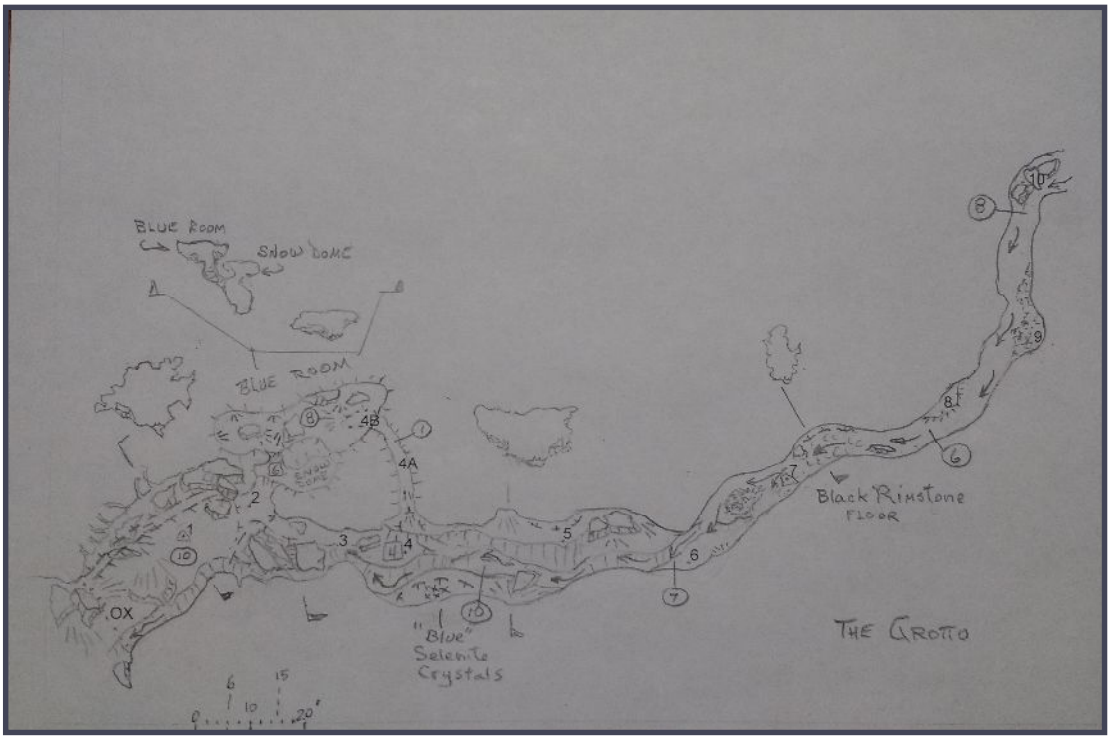
Balance as of **2/27/2019**

PREPARED BY
TREASURER JOHN TALBOT NSS#3054

TRIP REPORT

NO TRIP REPORTS SUBMITTED AT THIS TIME.

Sue's drawing of Grotto Cave.



POTPOURRI

New insect discovered in Canada may be survivor from the last Ice Age

By Chris Ciaccia | Fox News

https://www.foxnews.com/science/new-insect-discovered-in-canada-may-be-survivor-from-the-last-ice-age

A new species discovered deep in a cave in Canada may simply be a previously unknown insect. Or it could be something much bigger – a survivor from the last Ice Age, which ended thousands of years ago.

The discovery, published in *Subterranean Biology*, tells of a primitive arthropod, named *Haplocampa wagnelli*, that has lived in the caves of Vancouver, British Columbia, near the town of Port Alberni.

But it's the species' presence in a cave that was covered "by a thick ice sheet until recently" that suggests it may be a long-lost survivor.

"The new proposed species... is rather interesting for its troglomorphic features: antennae with 32 antennomeres; olfactory chemoreceptors, each a multiperforated, folded-spiral structure; and numerous gouge sensilla," the study's abstract reads. "In addition, it is one of the northernmost troglomorphic species to have colonized – presumably recently – an area occupied by the Late Wisconsinian North America ice sheet during the Last Glacial Maximum."

The Last Glacial Maximum occurred during the Last Glacial Period and vast ice sheets covered large parts of North America, northern Europe and Asia. The ice sheets reached their largest coverage area around 26,500 years ago, before finally receding.

As opposed to other "cave-adapted campodeid diplurans," who have elongated and slender bodies, *Haplocampa wagnelli* has slightly elongated antennae and legs and a thicker body. Henceforth, the researchers have concluded that "the species is not exclusively subterranean and is likely to also be present in soil habitats."

Entomologist Alberto Sendra and local cavers Craig Wagnell Tawney Lem and Felix Ossigi-Bonanno made the discovery. Sendra and Wagnell are co-authors on the study.

Central Oklahoma Grotto is a non-profit organization and a chapter of the NSS (National Speleological Society), Cave Avenue, Huntsville, AL., 35810. Dedicated to cave conservation and safety, C.O.G. published general information in a monthly newsletter ($6.00/year) and detailed cave surveys and related Speleological items in a yearly publication, *The Oklahoma Underground* ($3-$8/ issue) Membership is by sponsor and is $12 per year for adults, $6 for spouses and students, and $3 if under 18. Central Oklahoma Grotto meets once a month on the second Friday of each month. For information, write Lil Town, 25692 Mosier Circle, Conifer, CO 80433: All submissions to the newsletter should be sent to the editor: Lil Town, 25692 Mosier Circle, Conifer, CO 80433: Telephone: (580)471-1238: E-mail: cavemoose@gmail.com. The deadline for submissions for any particular month's issue is the 20th day of the previous month. If you wish material returned. Please include a SASE with submission. All materials in this newsletter is available for reproduction, provided proper credit is given with the article when you print it. Trade publications are welcomed. *Cave softly and safely!* Website: http://www.okcavers.com

The March meeting will be
Friday, March 8, 2019
At John Talbot's.

Central Oklahoma Grotto
Carbide Etching Printing & Press
2119 Holly Oaks Lane #283
Weatherford, TX 76087