



Vol. 58, NO. 3

THE TUSCARORA BULLETIN

PRESIDENT'S MESSAGE

Spring will be here soon and in addition to longer days and warmer weather, we will see a new class schedule. With the current COVID-19 statistics heading in a favorable direction and with increasing availability of COVID-19 vaccines, the TLS Board felt it was time to offer a limited selection of our core classes. Again, we will focus on Cabbing, Faceting, Open Cabbing, Open Metalsmithing, and Open Torch (Bead Making). Class size will remain small to allow for social distancing, and mask wearing will be required. There will also be two weekend cabbing workshops offered in conjunction with Main Line School Night.

We have also offered a few Refresher Sessions in Cabbing and Metalsmithing/Soldering for members only in February and March. Check the schedule on our website for openings. The Spring Schedule will be posted on our website on or about February 22. Watch your emails for notification.

We will continue to have our meetings (Board, General and Gemarama) via Zoom for the foreseeable future. The Board has decided not to hold our usual June Banquet. Instead, we will hold a Zoom meeting at which time teachers will be recognized and the Coren and Colio awards presented. Instead of our usual Silent Auction at the March General Meeting, we will hold a Zoom meeting with a team at the Education Center to demonstrate our new audiovisual system and to preview items for sale at the TLS Ed Center on March 20, 2021. Watch your email for further details on how to sign up for time slots for the sale.

I am also happy to introduce our new General Meeting Program Chair, Kathy Lopez. She has begun working on programs for the spring. Anyone with ideas for programs please contact her.

I encourage everyone to remain vigilant despite improving COVID-19 statistics. Stay safe, stay healthy, wear a mask, and get vaccinated when you are eligible for the vaccine.

-Linda Green, TLS President

Click <u>here</u> for updated TLS Ed Center COVID procedures.

TLS NEWS AND NOTES

-Sincere condolences to Janet Young on the passing of her husband. Our thoughts are with you.

-Condolences to the family of Tom Ennis of TJ's Rocks and Gems on his passing. TJ's is a long-time Gemarama vendor.

-Welcome to new member Marguerite Rutkowski! We look forward to meeting you in person.

-Welcome to our new Program Chair, Kathy Lopez. We can't wait to see what programs you have in store for us. Thank you for stepping up and taking on that role for TLS.

March Program

The General Meeting program on March 10 (to be held by Zoom) will demonstrate our new audiovisual system at the Education Center and will include a preview of items for our Special One Day Sale there on March 20.

Special One Day Sale!

In lieu of our usual March silent auction, we will have a one-day sale (fixed prices – not an auction) at the Education Center on Saturday, March 20. A maximum of four participants will be allowed each hour starting at 10AM in order to maintain our COVID-19 safety protocol. A non-refundable registration fee of \$5 is required for a specific hour-long slot and will count towards purchases made. Part of the March 10 General Meeting, which will be held by Zoom, will be devoted to a partial display of items to be sold. Registrations for the sale will start Thursday March 11. More information will be given at the March General Meeting and will also be sent by email on March 11.

Items for sale will include many bags of miscellaneous small slabs at bargain prices; some very nice cabbing slabs and cabbing rough including Indonesian opalized petrified wood, rhodochrosite, sodalite, chrysocolla, and Brazilian agate; a microscope (cheap); geodes; facet rough - natural and lab created; beads and gem tree material; findings; some of the items currently on the TLS eBay site; and more. New items will be placed in the sale throughout the day so that each time period will have an interesting selection. Doug McNicol organized and prepared several donations for the sale. John Chickadel and Doug Klieger have been cutting slabs, weather permitting, from the TLS back-log. All-in-all, the sale is a nice collection of material to help relieve the winter blues.

60+ YEARS OF TEACHING . . . LEARNING . . . SHARING WE TEACH THE JOURNEY FROM ROCK TO GEM TO JEWELRY. ©2021 TUSCARORA LAPIDARY SOCIETY, INC. — From Janet Young, Recording Secretary

BOARD AND GENERAL MEETING MINUTES/HIGHLIGHTS

The Board Meeting was called to order on February 3, 2021 at 7:32 p.m. by Linda Green through ZOOM. The minutes of the January Board and General Meetings were approved as distributed.

<u>Announcements</u>: Linda Green extended condolences on behalf of the TLS community to Janet Young on the passing of her husband. Linda announced that Tom Ennis of TJ's Rocks and Gems has passed.

<u>Treasurer's Report</u>: Ken Dahl distributed the January Transaction Report and Balance Sheet and noted that the payment of liability and property insurance largely contributed to a negative cash outflow for the month. There was a small cash inflow. There were no questions.

<u>Membership</u>: Stacey Segal presented a new membership application from Marguerite Rutkowski. This was approved by the Board.

<u>Programs</u>: Linda Green announced that Kathy Lopez has taken over as Program Committee Chair. Several programs have been scheduled for the upcoming months. The March program is explained on page 1 and more information on the upcoming programs are listed in the next column. Sheryl Dahl recommended Jeff Hunter as a potential speaker. Jeff has lectured about cutting boulder opal and choosing rough and cabochons at Virtually Evercrafting.

Registrar/Class Manager: Bill Frampton reports slow registration for the interim refresher classes. Bill is working on the database and spreadsheets for Spring. Steve Hansen stated that the Spring Class Schedule will be finalized next week. <u>Education Center/Equipment & Facilities</u>: John Chickadel reported that roof repairs were completed on January 8. John and Paul Stieff replaced the stained ceiling tiles, replaced six fluorescent bulbs, and installed the new Colio Memorial Award Plaque. John and Doug Klieger have been at the Education Center on Thursdays cutting and pricing slabs for sales and classes. The Borough of Brookhaven Recycling Survey has been completed.

Library and eBay: Stacey Segal reported no library updates. Items are slowly selling on eBay. Stacey will post new items including books, equipment, and a fine piece of Smithsonite. Donated cabochons are being set aside for future plaques. <u>Gemarama</u>: Linda Lakitsky reported that the committee had a long discussion about the process of contacting vendors. Mimi Favre reported that she is working on updating vendor contracts.

<u>New Business</u>: Linda Green asked members of the Board to take a look at a software program offered to rockhounding clubs (reviewed by the EFMLS) at <u>Geology365.com</u>. The Board can have a future discussion regarding its value to members.

The General Meeting of February 10, 2021 by ZOOM was called to order at 7:32 p.m. by President Linda Green. In

attendance were 33 members and 5 guests. The January 13 General Meeting Minutes and the January 7 Board Meeting minutes have been approved by the Board at their February 3 meeting. The minutes are emailed to each board member and are published in the TLS Bulletin each month. Committee reports and other items discussed at the Board Meeting were briefly presented.

Linda Green reported that repairs were done at the Ed Center. Don Schwarzkopf stated that he has a few small tasks to complete—patch drywall and fix the compressed air system.

Stacey Segal welcomed new member Marguerite Rutkowski.

Linda Lakitsky visited TJ's, and Mrs. Ennis confirmed their interest in Gemarama in November. Mimi Favre is sending out vendor contracts. If anyone would like to participate in the next Gemarama meeting on March 17 at 7:30, please contact Linda for a ZOOM link.

Linda Green reminded attendees of the upcoming TLS Sale on March 20. Sign-ups for in-person timed viewing of sale items at the Education Center will be posted and a preview, through ZOOM, will be featured at the next General Meeting.

Following the meeting, Steve Hansen introduced Scott Sucher, who has faceted replicas of many famous diamonds, and whose presentation included detailed information about the mechanical and chemical effects in grinding and polishing, and how best to solve problems and achieve a good result. There were many questions from the audience.

-From Kathy Lopez, Program Chair

FUTURE PROGRAMS

April: Michael Pabst will be joining us with a talk on "Mineral Hunting in the Pyrenees - A Virtual and Imaginary Tour," which features French historic sites, French food, and pretty microminerals from the border.

May: TBD

June: We will be celebrating our TLS members! The June TLS Member Awards meeting will be held through ZOOM. In addition, we'd like to see what you've been doing during quarantine. Please share photos and/or stories of any projects you've worked on over the past year as we've stayed home during the Covid-19 pandemic. These can be related to lapidary/jewelry...or not. We'd love to hear what you've been up to in this time! Contact Kathy Lopez at kathy.lopez@me.com with your projects.

DATES TO REMEMBER

March 3: TLS Board Meeting; 7:30 p.m., by ZOOM. March 10: TLS General Meeting; 7:30 p.m., by ZOOM. March 17: Gemarama Meeting; 7:30 p.m., by ZOOM.

MARCH 2021

COVID-19, UPDATE FEBRUARY 2021

The health and well-being of all members and students of the TLS community continue to be our top priority. Anticipating the need for social distancing to continue for some time, we are taking steps to arrange a small variety of classes for the Spring semester with reduced student limits and enhanced sanitizing precautions. All students will be required to wear face masks and follow safety guidelines that will be reviewed when entering the facility.

SPRING CLASSES BEGIN APRIL 5, 2021 TLS Education Center, 24 Upland Road, Brookhaven, PA 19015

TLS offers classes to adults interested in pursuing lapidary and jewelry arts. No previous experience is needed unless a prerequisite is noted. In some courses and workshops there is an additional charge for supplies and equipment. Pricing for classes is listed for members (M) and nonmembers (NM). Membership requires completion of Beginning Cabochon or Faceting class, participation in two TLS monthly meetings and willingness to participate as a volunteer in TLS activities. Course details, including the required supply and tool lists for many classes, and our online registration system, may be found at <u>https://www.lapidary.org/classes-spring-2021</u>. Fees for supplies are payable to the instructors, and may depend on the choice of materials.

REFUND POLICY: If you wish to withdraw from a class, workshop, or open shop session, you must notify the Registrar by phone or email. Payment will be refunded 100% if you withdraw before the course, workshop, or open shop session begins. For multiday courses (not workshops or open shop sessions), payment will be refunded 80% if you withdraw before the second class. No refunds are given after the second meeting of a multiday course. No refunds are given after the first day of a multiday workshop. No refunds are given for missed open shop sessions (Exception: Members may receive a 50% refund, if requested, after missing an open slab-saw session.)

Students are enrolled in the order that online payments or checks and registration forms are received. Please note: Checks for full tuition must accompany the registration form in order to reserve a spot in the class. Send registration form and check to Bill Frampton, Registrar, 168 Creek Dr., Elkton, MD 21921. For additional questions or more information contact our Assistant Registrar, Linda Lakitsky,

LKLakitsky@comcast.net, 610-458-5135 or Registrar, Bill Frampton, w.h.frampton@gmail.com, 443-553-5805.

TLS CLASS REGISTRATION SPRING 2021 Please list classes wanted, including class codes:
Name
Address
Home phone ()
Work phone ()
Cell Phone ()
Email — A CHECK FOR FULL TUITION (PAYABLE TO TLS) <u>MUST</u> ACCOMPANY THE REGISTRATION FORM.

Mail form and check to: Tuscarora Lapidary Society, c/o Bill Frampton, Registrar, 168 Creek Drive, Elkton, MD 21921

WEEKDAY CLASSES AND WORKSHOPS

MONDAY

(S21AC4-5) Advanced Cabochons: (10 weeks beginning April 5, 2021) 7:30-9:30PM. Members only. Limit 3. Instructor: Stacey Segal. Tuition: M\$70.

TUESDAY

(S21FT4-6) **Faceting**: (8 weeks beginning April 6) 7:00-9:30PM. Limit 3. Cut clear gemstones with many flat planes (facets). Learn to read faceting diagrams and manipulate a faceting machine. Instructor: Steve Hansen. Tuition: NM\$120/M\$60.

THURSDAY

(S21BC4-8) **Beginning/Intermediate Cabochons**: (6 weeks beginning April 8) 9AM-Noon. Limit 4. Learn how to cut and polish rounded gemstone shapes. Open to new students and those honing their skills in cutting and polishing cabochons. *Note: non-members have priority in Beginning Cabochons class*. Members must register by sending a registration form and check to the Registrar and will be placed on a wait list (in the order they are received) until after the registration dead-line. Instructor: John Chickadel. Tuition: NM\$130/M\$70. (S21AC4-8) Advanced Cabochons: (6 weeks beginning April 8) 1PM-4PM. Limit 4. Members only. Instructors: John Chickadel. Tuition: M\$70.

(S21BC4-8E) **Beginning/Intermediate Cabochons**: (6 weeks beginning April 8) 6:30-9:30PM. Limit 3. Learn to cut and polish rounded gemstones called 'cabochons'. Open to new students and those honing their skills in cutting and polishing stones. *Note: non-members have priority in Beginning Cabo-chons class.* Members must register by sending a registration form and check to the Registrar and will be placed on a wait list (in the order they are received) until after the registration deadline. Instructors: Bill Frampton. Tuition: NM\$130/M\$70.

OPEN SHOP SESSIONS

(S21OC) **Open Cabbing**: (Saturdays: 4/10, 5/8, 6/12, Thursdays: 5/20, 5/27, 6/3, 6/10, 6/17, 6/24) 10AM-4PM. Limit 3. Prerequisite: One TLS beginning cabbing class. Fee: NM\$33/M\$27 per day. Supervisors: Stacey Segal (Saturdays) or John Chickadel (Thursdays).

(S21OS) **Open Slab Saw**: (Saturdays: 4/10, 5/8, 6/12, Thursdays: 5/20, 5/27, 6/3, 6/10, 6/17, 6/24) 10AM-4PM. Members Only. Prerequisite: Must be certified for slab saw use. May be taken concurrently with open cabbing. Supervisors: Stacey Segal (Saturdays) or John Chickadel (Thursdays). Fee: \$10 per hour. Indicate date and preference for AM or PM. Actual times will be scheduled by the Registrar.

(S21OM) **Open Metalsmithing/Soldering**: (Saturdays: 5/1, 5/22, 6/19, Mondays: 4/26, 5/10, 5/24, 6/7, 6/21, Wednesdays: 4/14, 4/28, 5/12, 5/26, 6/9) 10AM-4PM. Limit 4. Prerequisite: One TLS silver class or equivalent (as approved by Supervisor). Supervisors: Stacey Segal(Saturdays), Linda Green (Mondays), or Barry Messino (Wednesdays). Fee: NM\$33/M\$27 per day.

(S21OT) **Open Torch (Bead-making)**: (Saturday and/or Sunday, April 17 & 18, June 26 & 27) 9AM-5PM. Limit 3. Prerequisite: One TLS glass bead-making class. Fee: NM\$44/M\$36 per day. Coordinator: Frank Warner.

MARCH 2021

VISIT THE TLS EBAY SITE

Check out the TLS eBay site. As a fundraiser for TLS, a variety of items are sold on eBay. Auctions always start and end on Sundays and TLS members, family, and friends are encouraged to check out items and bid on them if they wish. To search for items for sale by TLS on eBay, simply click HERE and then click Items for Sale, or:

•Go to www.eBay.com.

•At the top of the page, click the "Advanced" link (right next to the green "Search" button).

•Under "Find Items", click on the "By Seller" link.

•In the "Enter Seller's User ID" field, type in

tuscarora_lapidary (don't forget the underscore) then click the "Search" button.

You'll then see everything we have for sale and can place your bids accordingly.

LAPIDARY LINKS

"Minerals Talk Live!" airs each Wednesday at 1p.m. Bryan Swoboda of Blue Cap Productions in Honolulu, Hawaii has been moderating various mineral persons of interest on Zoom. Recently, he featured <u>Jeff Scovil, Mineral Photographer</u> out of Phoenix. Other current episodes feature Joseph Susan Dorris who shares Amazonite and Smokey Quartz specimens

from his Colorado claim, and Stuart Wilensky shared some gorgeous emeralds from his Manhattan gallery. There are 32 episodes on their YouTube channel along with other mineral and gem show videos. They can also be found through Facebook.

Mineral Talks Live! is a joint-venture effort put on by BlueCap Productions, the Mineralogical & Geological Museum at Harvard University and the Society of Mineral Museum Professionals (SMMP). This series was created as a response to the COVID-19 situation that has been greatly affecting the mineral world by isolating and separating us. Their goal is to bring a new venue where the mineral world can reconnect with each other during these difficult times.

GEMARAMA UPDATE

We are in the planning stages for our Gemarama Show 2021. We are getting ready to send out our Dealer/Vendor contracts. It looks like Thunder Spirit will not be joining us this year. TJ Rocks and Gems will still be joining despite the death of our dear friend Tom Ennis. His wife and sons will be taking over. We are happy they will be still be with us. We are going to have a few new Dealers/Vendors.

Also, we are asking that you begin to think about donations for our silent auction, whether we have a physical show or a virtual show. Many of you have been kind enough to donate your beautifully made pieces. Both our members and our customers old and new love items from our talented members.

Thank you for your help and continued support of Gemarama. Stay tuned.

> -Linda Lakitsky, Co-Show Chair for Barry Lynn Messino, Show Chair

CALENDAR

Caution: Many show dates are tentative at this time due to COVID-19 and some from this list may have been canceled.

May 1, 2021 - Midland Park, NJ - Annual North Jersey Gem & Mineral Show; outdoors in the main parking lot. (All outdoors.)

May 1 & 2, 2021 - Leesport, PA - World of Gems & Minerals by Berks Mineralogical Society

June 5, 2021 - Macungie, PA - Annual Mineralfest (All outdoors.)

June 5 & 6, 2021 - Monroe, NY - Annual Orange County Mineralogical Society Gem & Mineral Show at Museum Village. (All outdoors.)

June 12, 2021 - Cherry Hill, NJ - 1st Annual South Jersey *SUMMER* Gem, Mineral, Fossil, & Jewelry Show

July 9-12, 2021 - Syracuse, NY - EFMLS Convention and Mineral Show/Syracuse Gem & Mineral Society Show

July 24 & 25, 2021 - Essex Junction, VT - Annual Champlain Valley Mineral Club Show

August 20-22, 2021 - Lebanon, PA - Annual Gem Miner's Jubilee Gem & Mineral Show

September 25 & 26, 2021 - Franklin/Sterling Hill, NJ -Annual Fall Franklin/Sterling Hill Shows

September 25 & 26, 2021 - Harrisburg, PA - Annual Central Pa. Mineral Show at the Harrisburg Consistory

October 30, 2021 - Fairless Hills, PA - Annual Ultraviolation Fluorescent Mineral Show

October 30, 2021 - Biglersville, PA - Annual Central Pennsylvania Rock & Mineral Swap & Sell (All outdoors.)

MARCH ZOOM MEETINGS

If you can't go to a show, maybe a Zoom meeting will be of interest to you! Most societies welcome guests at their meetings.

March 8 - Mineral Society of Montgomery County Dr. Jeffrey Post, the Smithsonian National Museum of Natural History, Gems and Minerals Curator-in-Charge Contact - info@glmsmc.com

March 12 - Orange County Mineral Society Derek Yoost - "The Cambridge Explosion" Contact - hmshields@optonline.net

March 16 - Clackamette Mineral and Gem Club Sheila Alfsen - "Listening to the Rocks"

Contact - rockhound@gmail.com

FOLLOW TLS ON INSTAGRAM

In addition to Facebook we are now on Instagram (@tuscaroralapidary). Please "Follow" us and "Like", "Comment" and "Share" our posts. Feel free to repost our posts on your feed but please indicate that the post came from @tuscaroralapidary.

Please use the following handles and hashtags when posting TLS content to your feeds or stories:

@tuscaroralapidary #gemarama #picturesinstone

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-by Steve Hansen

Member Spotlight

I was born in St Paul, MN while my dad was a student at the University of Minnesota. We spent every weekend, holiday, and summer "Up North" at the farm that my mother grew up on near Swatara, MN. I can remember when they replaced the wood stove with gas and when they got electricity. The farm house had a wood furnace and never did have running water. When nothing else was going on, there were always dirt roads and gravel pits to be searched for agates and rose quartz. When I was ten, we moved to Tuscaloosa, AL, and I hung around there through high school and college, eventually getting a Ph. D. in Chemical Engineering from the University of Alabama.

I spent the majority of my career working as a Research & Development Engineer, working in areas of polymer production and polymer extrusion to form fiber, sheet, or film. I enjoy teaching and was a college professor for short periods in graduate school and as a career move, but found I liked the industrial R&D environment more than academia. I am currently working, with plans to retire at the end of 2021. At home, I am a primary care provider.

In addition to lapidary and jewelry pursuits, I am also a fisherman. I particularly enjoy ice fishing and try to go every year if I can get the opportunity. For the last several years, we have made the trip to Lake of the Woods on the MN/Ontario border where we will typically spend three days out on the ice.

I was introduced to TLS through John Chickadel while taking a jewelry class at the Delaware Museum of Art from Caryn Hetherston. Starting as a self-taught cutter, John suggested that I come to TLS, and I took my first class through the Main Line School Night program in 2015, and joined soon thereafter. I learned to facet at TLS taking classes from Gary Statton and Dave Groncki. I enjoy taking classes at TLS and have taken a wide variety of classes in jewelry fabrication and metalsmithing, lapidary arts, and enameling. Currently, I am a member of several faceting related Facebook groups and I follow lapidary artists including Dalan Hargrave, Mark Oros, John Dyer, and Scott Sucher.

While I teach cabochon and opal classes at TLS, I consider my discipline to be faceting and teach classes and workshops in faceting. I am a member of the U.S. Faceters Guild and am a certified Master Faceter through that group. In 2019, I was awarded 2nd Prize in the Masters category of the Single Stone Competition.

As a hobbyist, I typically do not sell much of my work, using many of my stones in my own jewelry construction projects which I give to family, friends, and colleagues. I have started posting some of my recent work on my Facebook page (facebook.com/steve.hansen.73157/).

At TLS, I started teaching classes and workshops in 2016 and won the Coren Award in 2018. I am currently on the Board of Directors and have recently taken over responsibilities as Class Manager. Ster.

Synthetic Alexandrite

Flower of Life in a Green Glass Marble





Flourite

Chrysoprase in a Sterling Silver Ring





Hells Canyon Petrified Wood in Sterling Inlay Cuff

Turquoise, Lapis, and Blue Wood Opal in Sterling Inlay Cuff



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MARCH 2021

—From Frank Warner

TLS History Series #9 The William P. Colio Memorial Award

The William P. Colio Memorial Award was established by the TLS Board of Directors in September 1971. William Colio had joined the Society in December 1963 as member number 45, and died suddenly on April 26, 1969. The May 1969 *Bulletin* reports, "Bill took an active interest in TLS, served the Society in various capacities, and was a frequent contributor of technical articles to the *Bulletin*. His presence will be missed."

In September 1971, the Society said goodbye to founder Roger Kettiman and his wife Weltha who were moving to California. Roger was presented the first Colio Award at a special dinner given by Tuscarora members for Roger and Weltha at the Springfield Country Club on September 14, 1971. Since there were a number of members deserving of the new Colio Award, the Board decided to predate Roger's award to 1967.

The following month, in October of 1971, President Lee Grote announced the names of the recipients of the Colio Award for the years 1968, 1969, and 1970. Subsequently, the award has been given annually for contributions in the year just completed or in the years leading up to that time. The William P. Colio Memorial Award is presented to the member deemed to have made the greatest contribution to the aims and purposes of TLS. The recipient must have a performance above and beyond that normally expected of any active member. A member may receive this award more than once. The first date below is the year of accomplishment. The date in parentheses is the year the award was given.

1998 (1999)	Betty Smith
1999 (2000)	Meyer & Pamela Wingrod
2000 (2001)	Gary Cummings
2001 (2002)	Bruce Getty
2002 (2003)	Elizabeth Margerum
2003 (2004)	James Johnston
2004 (2005)	Frank Warner
2005 (2006)	Don & Ellen Schwarzkopf
2006 (2007)	Robert Hughes
2007 (2008)	Sue Garrett
2008 (2009)	Lola Fields
2009 (2010)	Joe Pizzirusso
2010 (2011)	William Mattis
2011 (2012)	Peter Santucci, Jr.
2012 (2013)	Roger Binns
2013 (2014)	Douglas Klieger
2014 (2015)	Stacey Segal
2015 (2016)	Joe Rokosky
2015 (2017)	John Chickadel
2017 (2018)	Christina Kulp
2018 (2019)	Lisa Laffend
2019 (2020)	Linda Green

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IN THE NEWS

- •Dinosaur Unearthed in Argentina Could Be Largest Land Animal Ever: <u>https://www.smithsonianmag.com/smart-news/dino-</u> <u>saur-unearthed-argentina-could-be-largest-land-animal-ever-180</u> 976813/
- •Local Fossil Enthusiasts Discover New Fossils at Calvert Cliffs: <u>https://southernmarylandchronicle.com/2021/01/12/local-fossil-</u> enthusiasts-discover-new-fossils-at-calvert-cliffs/
- •NYC's Subway Garnet Will Soon Shine Again at American Museum of Natural History: <u>https://www.ny1.com/nyc/all-bo-</u> <u>roughs/arts/2021/01/22/nyc-s-subway-garnet-will-soon-shine-ag</u> ain-at-american-museum-of-natural-history
- •Outer Space is a Treasure Chest of Gemstones: <u>https://astron-omy.com/news/2021/02/outer-space-is-a-treasure-chest-of-gem-stones</u>

If you see something newsworthy to share with our members, please send link to JodyshawTLS@gmail.com.

-From Jody Shaw, Bulletin Editor

FUTURE BULLETIN DUE DATES

April May June July/August September October November December Friday, March 19 Friday, April 23 Friday, May 21 Friday, June 18 Friday, August 6 Friday, September 17 Friday, October 22 Friday, November 19

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TLS PHONE TREE (1/25/21)

The TLS Phone Tree is used to notify local members in case of a meeting cancellation, an emergency, or another circumstance requiring special attention. Those whose names appear in bold will be called with the pertinent information and asked, in turn, to call the members listed in their 'square'. Linda Green starts the chain. Please note: All calls should be made even if an email notification has been sent with the same information. Remember, not everyone has email and many of those who do, don't always check it daily. If you don't feel that you're able to handle this responsibility, if your phone number is missing or incorrect, or if you would rather have another phone number listed, please notify Jody Shaw by calling/texting 856-981-0306 or emailing jodyshawTLS@gmail.com.

If a General, Board, or Gemarama Meeting is canceled due to inclement weather or other unfortunate circumstance, an appropriate message will be put on the Education Center's voice-mail system by 4 p.m. that day. If you have concerns, call the Center at 610-490-5252 after 4 p.m.

All instructors have the authority to cancel a class due to inclement weather or other circumstances. Should this scenario occur, all affected students will be called by the respective instructor and, if possible, a message will be placed on the Education Center's voice-mail system. Instructors can call Frank Warner (C: 610-306-7161) or Lisa Laffend (C: 302-668-5072) to have a message put there.

GREEN/STIEFF:	1	SEGAL:	7	CHICKADEL:	1	SHAW, J:
Chickadel 302-750-8887		Fawcett 302-660-7276		Hildebrand 717-768-3889		Apt 267-939-1881
Laffend 302-668-5072		Goodman 484-566-9714		Kozak 717-393-3295		Flannery 484-443-8708
Lakitsky 610-458-5135		Hellman 484-681-0202		Lea 610-385-4956		Hall 302-383-3730
Magee 484-444-2294	Ы	Messino 302-740-6860		Lubun 302-373-0369		Johns 215-681-0392
Segal/Nuceder 484-432-2710		Nardy 610-517-6742		Reider 717-426-2153		Maynard 215-687-0049
Shaw/Shoffner 856-981-0306		Weist 215-901-0286		Statton 484-574-8461		Nemirow 215-620-2425
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Irons 856-546-4812		Bradley 610-324-1673		Burkholder 610-325-5435		Cummings 610-476-5302
Johnson, L 562-685-3211		Dahl 302-562-2145		Lawlor 302-415-1153		Gingrich 302-344-3596
Johnston, J 215-340-7229		Hansen 302-478-1954		Lopez, K&N 267-290-8418		Klieger 610-644-2492
McNicol 610-358-5260	П	Marcus 610-388-0629	П	Ratsep 610-695-8900	Π	Mattis 610-449-9945
Polansky 215-669-4252		Marshall 302-762-3164		Warner 610-306-7161		Potter 610-701-0125
Schwarzkopf 215-901-2126		Peterson 610-255-0535		Wegrzyn 302-836-9755		Thompson, H 610-486-6461
Thompson, A 925-324-8170]	Santucci 610-876-5642		Wingrod 610-324-2680		Weber, C 610-380-0678
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Brooks 215-542-0712		Alexander 610-220-8812		Armitage 484-429-1289		Batter 610-358-0809
Dougherty 215-233-5366		Buski 484-886-5414		Glosson 484-883-8620		Borie 609-231-6621
Friedlander 484-716-3721						Fain 610-459-2511
	Н	Favre 610-716-5285	Н	Keiner 609-513-1437	Н	
Lockamy 336-782-6063		Frederick 302-239-3599		Ligget 610-256-3552		Kallinen 610-574-8717
Nabbie 215-949-3496		Hershman 484-695-4003		Rutkowski 610-277-0209		Kulp, C&K&H 610-742-2057
Wiggins 267-549-8680		Zuckerman 215-962-1184		Thompson, D&R 717-872-2171		Owens 610-513-7534
	1		-		1	
McNICOL:	11	DAHL:	ור	RATSEP:		KLIEGER:
Aber 302-897-4493		Bates 610-764-1441		Ashby 610-876-3673		Awot 484-213-1642
Babiarz 302-475-0276		Frampton 443-553-5805		Bieling 609-923-9787		Fallon 610-247-3185
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Porter 302-239-2506		Pataky 302-328-1399		Lombardo 610-513-4466		Mars 610-647-1978
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POLANSKY:	1	HANSEN:	٦l	WARNER:	1	MATTIS:
Kleva 215-297-5201		Altman 610-754-6683		Brightbill 610-558-0134		Fields 215-370-2652
Lawson 215-500-3184		Bimson 215-767-5276		Garrett 484-557-9753		Kulp, A&R 484-889-2007
Liu 732-249-1817		Dannenberg 215-844-6727		Hobson 610-745-0106		Morris 610-209-1839
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Stocklin 215-766-7121		Del Monte 305-458-5865				
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	;	SANTUCCL	-			
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Bibolet 215-348-5730		Coren 215-817-4444		508-369-5843		Coll 484-437-4525
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More Favorite 2020 Facts From the New York Times

- 1. After getting swallowed by a frog, the beetle Regimbartia Attenuata can scuttle down the amphibian's gut and force it to poop, emerging soiled but alive.
- 2. Penicillin, which was discovered in 1928, would have vanquished the pneumonia that killed many people during the 1918 influenza pandemic.
- 3. The beaches of Svalbard, a Norwegian archipelago, are covered with "blubberstones" gravel mingled with rendered fat, vestiges of the mass killings of seals and whales.
- 4. Standard plastic will take 450 years to degrade in ocean water.
- 5. The world's population is expected to start shrinking in about 45 years.
- 6. In the United States, 80,000 acres of wetlands are lost to development annually.
- 7. A small contingent of the population carries a mutation that makes them immune to the odious funk that wafts off fish, according to a study pub lished in the journal Current Biology.
- 8. Underground, trees and fungi form partnerships known as mycorrhizas: Threadlike fungi envelop and fuse with tree roots, helping them extract water and nutrients in exchange for some of the carbon-rich sugars the trees make through photosynthesis.
- 9. Once rare off Southern California beaches, great white sharks are beginning to show up more often. The newcomers are mostly juvenile sharks, which prefer the warm waters closer to shore.
- 10. In Hawaiian, the word for salt is pa'akai, meaning "to solidify the sea."