The Eastern Federation wishes everyone a

- Larry Meyers of the Central PA Rock & Mineral Club created some special spatial maps for us... Thank you Larry!

And they're pretty special too!

Inside:

- President's Message
  A SAAB Story Pg 2
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- Coming in September. Or maybe sometime in July. Perhaps even August:

  Federation Eternal
  (2018 - 2019 so far)

  Big News Coming...
  Official 2019 OCMS Show-Con
  Report will be forthcoming in the Fall

Congratulations to Mary Bateman who was elected our new Bulletin Editor

Thank you Mary!

Find us, then Like us!!!!
Ahhhh, Snap!

* Phishing Scams

Find us, then Like us!!!!
Ahhhh, Snap!

Big Summer News Coming - Stay Tuned.....
President’s Message

Communication and Involvement Are the Keys to Our Success!

Wishing you all a great summer to enjoy your leisurely pursuits in a healthy and safe manner, whatever they may be. Probably rocks. Notice: I wanted to let everyone know that the email addresses on the EFMLS Website have been compromised. Not only on the Clubs listing page but also our Current Officers. Scammers have copied email addresses in a malicious attempt to extort funds from affiliate club members as well as the Federation. These scammers are the scum of the earth! To understand their methods and what you can do about it, the best thing I can give you is a copy of the May 2018 AFMS Article; "Spear Phishing Targets Rock and Mineral Clubs," on Page 9.

This topic of the President’s Message continues on Pg 9

2019 Show-Con was fabulous!!! The weather was perfect for an outdoor show in an idyllic setting (Museum Village, Monroe, NY). The awesome members of the Orange County Mineral Society did a bang up job in taking care of everything. Thank you OCMS!!!

Get ready for the 2020 Show-Con! The Catawba Valley G&MC will be hosting the 2020 Annual Show & Convention in Hickory, NC (March 27-29, 2020)

Big News

Your Federation is growing in a big and positive way. Projects and Committees are underway to provide new and better services to all of our affiliated organizations and members. STAY TUNED....

More and More News... With so much going on, the EFMLS will be experimenting with new news outlets so you can get your news.

For general info and inquiries, please reach out to us at: EFMLSinc at gmail dot com

Always Sincerely,

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Treasurer
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Due to a high volume of news and information, the Federation is considering preparting and distributing additional newsletters during the Summer months.

8/15/19 is the submission deadline for the September Issue for the September Edition of the EFMLS News

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President’s Message

Gone Fishing or is it Phishing?

For general info and inquiries, please reach out to us at:

EFMLSinc at gmail dot com

Just a SAAB Story!

See page 4 for more Awards

In honor of this year’s Convention in New York, SAAB Award Plaques were made from the same granite used for the pedestal of the Statue of Liberty.

- Stony Creek Granite

Congratulations to Susie Lamb for receiving 1 of the 3 Inaugural President’s Service Above And Beyond (SAAB) Awards. Susie’s commitment is a testament that when you do good things, sometimes, you get recognized. Susie is our Region IV - Regional Vice President and EFMLS facebook Administrator.
Club Spotlight –
Wayne County Gem and Mineral Club by Fred Haynes

The Wayne County Gem and Mineral Club of western New York (WCGMC) consists of folks who enjoy collecting minerals and fossils and getting together to share their common interest. We meet monthly in Newark, NY, have a club workshop in Wolcott, and organize more collecting trips each year than you can count on your fingers and toes. Over 20 in 2018 and we are on our way there again this year. There is a monthly newsletter featuring club activities and linking members with others in New York and surrounding states who also enjoy the hobby. And, of course, we host our annual celebration and show the first weekend in June.

The club has an interesting origin. In 1973, a large mastodon was found by John Pirrello while clearing land on his farm just 6 miles north of Newark. Jim and Miriam Wheaton learned of the find and together with other local residents asked if they could dig and recover the bones. Mr. Pirrello granted permission and the digging commenced. Contact was made with the County Historian and the State Museum in Albany. Everyone had a fun summer recovering the full specimen. But when the dig was over and the Pirrello Mastodon had been carted off to the museum in Albany Jim and Miriam Wheaton and others decided the fun should not end. They formed the Wayne County Gem and Mineral Club that winter and the club is now over 100 strong and in its 46th year. To this day the club motto remains “Always looking for Places to Dig”.

As a community oriented club, one of WCGMC’s primary objectives is science education, in particular geology, minerals, fossils and the world around us. Our objective is to show that geology can be fun! We conduct outreach events at as many locations as will have us, libraries, Scouting events, schools, and even farmer’s markets (right between the tomatoes and the apples), handing out egg crates stuffed with rocks, minerals and fossils.

The first weekend in June WCGMC hosts a weekend gem and mineral show we call GemFest in Canandaigua, New York. In addition to the vendors and educational club exhibits we seek to provide multiple hands-on experiences for both adults and youngsters (crafts like soapstone carving and wire wrapping, rock painting with a local artist, a scavenger hunt through the full venue, an operating sluice you can work, a 6 foot dinosaur you can be photographed with, a 45 mineral show on fluorescent minerals, geodes to cut, giveaways galore, and more). The goal is to mix a fun time with learning in a family setting. Our newsletters and additional information about our club can be found on our website (www.wcgmc.org) or on our Public Group Facebook page.

Contact: Fred Haynes: fredmhaynes55 at gmail dot com, 1585 203 1733
At the Annual Awards Banquet on Saturday, June 1, 2019, 6 awards were presented:

* EFMLS Citation Award Recipient
  Carolyn Weinberger
* Each One Teach One Award Recipient
  Thom Noble, G&MS of Lynchburg VA
* President's Award for Service Above And Beyond - 3 Recipients:
  Bev Eisenacher
  Susie Lamb
  Heather Shields

* 2019 AFMS Scholarship Awardee,
  Dr. David Jenkins & Scholarship Recipient,
  Monica Walton
  of Binghamton University, NY
  (pictured left)

At the Awards Banquet, Cherly Neary announced the creation of a Wildacres Scholarship in honor of Steve Weinberger & the memory of Carolyn Weinberger! Over the weekend, we raised over $300 by donation and selling copies of the June Issue of Rock&Gem for the Scholarship. Details of the scholarship will be forthcoming. The Federation would like to thank and Antoinette Rohn for donating a substantial quantity of this publication.

WILDACRES....... FINALLY!
by Bob Farrar

I have been a member of several EFMLS clubs for over 20 years. During that time, I have frequently heard reports from other members about the great experiences that they had at EFMLS workshops held at the Wildacres retreat in Little Switzerland, North Carolina. I had often thought that I should attend one of those workshops and find out for myself if they are as wonderful as my friends indicate, but I never could seem to find the time. I recently retired, though, and now find myself with more time to devote to rock collecting and lapidary work, so I resolved to attend a workshop in May of 2019.

Wildacres is located in the mountains of western North Carolina, which I consider some of the most beautiful land in the country. EFMLS sponsors two sessions each year, in May and September. Wildacres also hosts many workshops sponsored by other non-profit organizations, including crafts, music, writing, and others. For general information on Wildacres, one can visit their website, wildacres.org. EFMLS workshops offer classes on a wide variety of lapidary and jewelry making arts, as well as geology. For more details about EFMLS workshops, including upcoming classes and application forms, see the website efmls-wildacres.org. Also check out the article about Wildacres by Helen Serras-Herman in the April 2019 issue of Rock and Gem magazine.

To say that Wildacres is a secluded spot would be the understatement of the year. The nearest town of any size, Spruce Pine, is about 30 min. away. There is no television. There is almost no cell phone reception, and very limited internet. At night, the loudest noise one is likely to hear is the call of a whip-poor-will. If nothing else, it is a great place to unplug, unwind, and recharge. The facilities exceeded my expectations. The lodges, dining hall, meeting rooms, and classrooms are all very nice. I was expecting something much more rustic. Also exceeding my expectations were the three square meals a day that we were served.

Classes in EFMLS workshops are organized into two 2-day “semesters” with a free day in between. Some classes run for both semesters; others, for only one. All are taught by highly skilled, generous, and patient instructors from EFMLS clubs. Interspersed with the classes are several lectures by a “Speaker in Residence”, who is always a person well known in the field of gems, jewelry, and/or minerals. When I was there, it was noted gemologist and author Renée Newman. Past speakers have included Fred Ward, Mike Wise, Bob Jones and Helen Serras-Herman. The free day is particularly fun. Weather permitting, there is a field trip to a local collecting site, which I especially enjoyed. Or, one can go to some of the many points of interest in the area, visit local rock shops, or just relax. Later in the afternoon, there is a tailgate show, during which people can sell or trade rocks, jewelry, and related items. Another particularly fun event is the “Good Stuff Auction” held one evening, in which donated items are sold to help support the EFLMS Wildacres workshop. The last night of the workshop, everyone gathers to show off what they have made during the week. Finally, everyone adjourns to the canteen for one last party.

So, is Wildacres all it’s cracked up to be? In a word, “Yes”! I had a great time, learned a lot, got a few new rocks, and made a lot of new friends. And, yes, I will be going back.
It is with great sadness that we have lost a valuable BEAC ally & our longest serving judge to cancer this spring—Carolyn Weinberger. Carolyn has been an advocate of the BEAC since before I met her. She served as a member of the BEAC Committee for at least the past 21 years participating in the decisions of the committee & helping to make the changes that were made over the years. Carolyn served as a judge in the small & mini bulletin categories, however, her love was the new editor category which she judged for many, many years. Because of her feedback & comments, many new editors went on to win the EFMLS trophy for their bulletins, & more than a few went on to win the top prizes in the AFMS national contest. Whenever there was a need, she always stepped forward to help. Because of all Carolyn did to promote the editors in both the EFMLS & AFMS, we dedicate this year’s contest in her memory. It will be hard to replace Carolyn. She will be greatly missed. May she rest in peace.

-- Mary Bateman, BEAC Chair

The Bulletin Editors’ Advisory Committee is indebted to the judges who volunteered their time & talents to make this year’s contest a success by their thorough evaluations & helpful comments. We would not have a contest without the judges. This year was particularly hard on the judges because they did their judging during the holiday season from Thanksgiving to Christmas & three judges judged more than one category. Our thanks & gratitude to all.

Diane Beckman – NY City, NY
Bev Eisenacher – Harrisburg, PA
Betsy Oberheim – Harrisburg, PA
Matthew Charsky – Arlington, VA
Fred Haynes - Rochester, NY
Carolyn Weinberger - Glyndon, MD

Kathleen Collins –Glastonbury, CT
Cheryl Neary - Patchogue, NY

2019 AFMS PUBLICATION AWARDS TO EFMLS ENTRIES

EFMLS is proud of all our entrants to the AFMS national contest. We did especially well in Original Adult Articles—Advanced with the top 3 awards and with Special Publications receiving the top 5 awards. Other categories where we scored in the top 3 awards were Written Features (2nd Place), Junior Drawn Feature Ages 12-17 (1st & 2nd Places), and Adult Poetry (1st Place). Our congratulations to the editors whose bulletins were top notch: New Editor (1st Place), Large Bulletin (5th Place), Small Bulletin (1st & 5th Places). Entrants to the AFMS contest must receive a score of at least 90 at the EFMLS level, so all of these are already winners.

PARTICIPATING CLUBS in the EFMLS & AFMS BEAC Contest

Baltimore Mineral Society (MD)
Central Pennsylvania (PA) Rock & Mineral Club
Gem & Mineral Society of the Virginia (VA) Peninsula
Gem & Mineral Club of the Palm Beaches (FL)
Gem, Lapidary & Mineral Society of Washington, DC
Maryland (MD) Geological Society
Nashoba Valley Mineralogical Society (MA)
New York (NY) Mineralogical Club
Rhode Island (RI) Mineral Hunters
Rock & Mineral Club of Lower Bucks County PA
Catawba Valley Gem & Mineral Club (NC)
Chesapeake Gem & Mineral Society (MD)
Gem & Mineral Society of Lynchburg (VA)
Gem & Mineral Society of Syracuse (NY)
Lapidary & Mineral Society of Central Connecticut (CT)
Micromineralogists of the National Capital Area (VA)
Nassau Mineral Club (NY)
Northern Virginia (VA) Mineral Club
Richmond Gem & Mineral Society (VA)
Combined Federation Awards
Eastern Federation (EFMLS) &
American Federation of Mineralogical Societies (AFMS)

AFMS – 2019 Bulletin Editors Contest  March 24th, 2019 Cedar Rapids, IA.
The 2019 AFMS Awards are included secondary with the EFMLS BEAC Awards below:

Baltimore Mineral Society (MD), The Conglomerate
Jake Slagle, Baltimorite, 2nd Place Award. Original Educational Article
AFMS - Honorable Mention, Original Adult Article
John Vanko & Phil Beck, Collecting Crystal Faces: Part I – Introduction & Isometric System
6th Place Award. Original Educational Article
John Vanko, Collecting Crystal Faces: Part II – Isometric System - Combination of Forms
8th Place Award. Original Educational Article
Displaying Your Collection: Two-Mineral High-Contrast Specimens
4th Place Award. Original Non-Technical Article
Brad Grant, Vanadinite: A Secondary Mineral with Primary Qualities
10th Place Award (Tie). Original Educational Article
Steve Weinberger, Mineral of the Month: Grossular (Garnet Group)
Honorable Mention. Original Non-Technical Article
Carolyn Weinberger, EFMLS 2019 Decade Club. (Served as Editor for their club(s) for 10 years or more)

Catawba Valley Gem & Mineral Club (NC), Tarheel Rockhound
Slade Harvin, Editor
Pebbles Corner 3rd Place Award. Small Bulletins
2nd Place Award. Written Feature (July 2018 article)
Eve Harvin, Quartz…From Clear to Purple
2nd Place Award. Junior Article

Central Pennsylvania Rock & Mineral Club, Rock Buster News
Trent Meyers, State Minerals NC Minerals Crossword
Trophy Award. Drawn Features - Juniors
2nd Place Award. Drawn Features - Juniors
AFMS - 1st Place Award. Junior Drawn Feature 12-17
Kalie Manning, Ancient Battle
3rd Place Award. Drawn Features - Juniors
AFMS - 2nd Place Award. Junior Drawn Feature 12-17
Carrie Meyers, Carrie’s Corner
3rd Place Award. Original Non-Technical Article (June 2018 article)
3rd Place Award. Written Features (August 2018 article)
6th Place Award. Original Non-Technical Article (April 2018 article)
AFMS - Honorable Mention, Written Feature
Jessica Lippy, The Collection
Trophy Award. Poetry - Adults
AFMS - 1st Place Award. Adult Poetry
Kevin Dermody, Paleo: Ediacarans—The Other Life Form
4th Place Award. Original Educational Article-Advanced
Betsy Oberheim, Snow & the 7 Tiny Miners
Honorable Mention. Written Features
Melissa & Robert Walls, EFMLS Wildacres Workshop Spring 2018
Honorable Mention. Written Features
Chesapeake Gem & Mineral Society (MD), Chippers Chatter
Carolyn Weinberger, Editor  
**Trophy** Award. Small Bulletin  
EFMLS 2019 Decade Club. (Served as Editor for their club(s) for 10 years or more)

Gem & Mineral Society of the Virginia Peninsula, The Virginia Pen
Daniel Fontaine, Editor  
**Trophy** Award. Large Bulletin  
AFMS - 9th Place. Large Bulletin  
Ellie Pitts, Exciting Dig at the Idaho Opal Mine  
7th Place Award. Original Non-Technical Article  
Brigitta Haggins, A Rockin’ Family: Amos Cunnington Farm in Due West, SC  
8th Place Award. Original Non-Technical Article  
Hunter Thurmond, Pipsico Fossil Field Trip  
10th Place Award. Original Non-Technical Article

Gem & Mineral Society of Lynchburg (VA), Gem & Mineral Journal
David Ball, Editor  
**Trophy** Award. New Editor  
AFMS - 1st Place Award. New Editor  
August’s Birthstone & Gemstone: Peridot  
Honorable Mention. Original Educational Article  
Dave Wooley, You Too Can Become a Part of the Story of Faceting: Mineral of the Month (August) - A History of Gem Cutting  
7th place Award. Original Educational Article-Advanced  
Tony Nikischer (Reported by David Ball), July Meeting Highlights: The Characterization & Naming New Mineral Species  
Honorable Mention. Original Non-Technical Article  
Natalie Darling  
EFMLS 2019 Decade Club. (Served as Editor for their club(s) for 10 years or more)

Gem & Mineral Club of the Palm Beaches (FL), The Rockhound
Laura Phillips, Editor  
2nd Place Award. Large Bulletin  
AFMS - 5th Place Award. Large Bulletin (note: Awarded SFMS)  
Richard S. Tracey, Webmaster  
AFMS - Honorable Mention. Website Contest

Gem & Mineral Society of Syracuse (NY), Crack ’n Cab
Shannon Phillips, The Extraordinary George Frederick Kunz  
**Trophy** Award. Original Educational Article  
AFMS - 6th Place Award. Original Adult Article  
Benjamin Wilber, Amber  
1st Place Award. Junior Articles  
Anne Fitzgerald, Geo Lexis (Puzzle)  
10th Place Award. Written Feature  
Bob Livingston, EFMLS Annual Convention: Report on April Raleigh Convention & Show  
Honorable Mention. Original Non-Technical Article  
Anne Andrianos, Dan & Anne Andrianos’ Journey in the West  
Honorable Mention. Written Feature  
Linda Boronczyk, Wildacres Retreat - 2018  
Honorable Mention. Written Feature

Gem, Lapidary & Mineral Society of Washington, DC, The Dopstick
Cassandra Franklin-Barbajosa, Editor  
3rd Place Award. Large Bulletin  
Vintage Baubles for the Well-Dressed Woman  
2nd Place Award. Original Non-Technical Article  
AFMS - 2nd Place Award. Written Feature  
2018 Auction Flyer  
AFMS - 4th Place Award. Special Publication
Lapidary & Mineral Society of Central Connecticut, *Chip-n-Pick*

Harold “Fritz” Moritz, Biermann Quarry, Bethel, Connecticut

**Trophy** Award. Original Educational Article-Advanced

**AFMS - 1st Place Award.** Original Adult Article-Advanced

**EFMLS** 2019 Decade Club. (Served as Editor for their club(s) for 10 years or more)

Eddie Gonzalez, Gold

**Trophy** Place Award. Poetry - Juniors (ages 12-17)

**AFMS - 2nd Place Award.** Junior Poetry

Polly Poulin, Editor

**4th Place Award. Small Bulletin**

Bud Poulin, Garnets – Almandine & Others

**9th Place Award. Original Educational Article**

Maryland Geological Society, *The Rostrum*

Jim Stedman, *101 American Fossil Sites You’ve Gotta See*

**Trophy** Award. Written Feature

Bob Farrar, *Common as Dirt: Moroccan Aragonite*

**4th Place Award. Original Educational Article**

**Mineral of the Meeting**

**9th Place Award. Written Feature**

Joy & Tom Piscitelli, *Beach Re-Nourishment and a Renewed Focus*

**7th Place Award (3-way tie). Original Educational Article**

Florence Strean, *Old MacDonald Update*

**2nd Place Award. Poetry - Adult**

**AFMS - 7th Place Award.** Adult Poetry

Micromineralogists of the National Capital Area (VA), *The Mineral Mite*

Kathy Hrechka, Editor

**2nd Place Award. Small Bulletins**

**AFMS - 1st Place Award.** Small Bulletin

American Museum of Natural History, NY, NY

**10th Place Award (Tie). Original Educational Article**

**Celebration of Life – Dr. Pete J. Dunn**

**Honorable Mention.** Written Feature

Mysteries of the Hope Diamond Solved

**Honorable Mention.** Original Non-Technical Article

**EFMLS** 2019 Decade Club. (Served as Editor for their club(s) for 10 years or more)

Dave McLean, *45th Annual Atlantic Micromounters Conference*

**7th Place Award (Tie). Original Educational Article**

Michael Pabst, *Rhodochrosite—Buck Hill & Hotazel*

**5th Place Award.** Original Educational Article-Advanced

**Benitoite & Pabstite**

**6th Place Award.** Original Educational Article-Advanced

Dave Hennessey, *NVMC/MNCA Joint Holiday Party*

**Honorable Mention.** Written Feature

Nassau Mineral Club (NY)

Sue Goldman, Webmaster

**AFMS - Honorable Mention.** Website Contest

Nashoba Valley Mineralogical Society (MA), *The Pegmatite*

Anita Honkonen, Editor

**1st Place Award.** Mini Bulletin
New York Mineralogical Club, *Bulletin of the NYMC*

**Bill Shelton**, *The 100: A Practical Guide to Mineral Collecting in Today’s World*

- **AFMS - 1st Place. Special Publication**
- **Is the Moon for Sale? 6th Place Award. Written Feature**

**Mitchell Portnoy**, *Official Designations*

- **AFMS - 2nd Place Award. Special Publication**

**Robin Wildes & Mitchell Portnoy**, *Vintage Mining & Mineral Postcards—2019 Calendar*

- **AFMS - 3rd Place Award. Special Publication**

**Dr. Vivien Gornitz**, *Swiss Mystery Rock from the Depths*

- **2nd Place Award. Original Educational Article—Advanced**
- **AFMS - 2nd Place Award. Original Adult Article—Advanced**
  - **Inclusions in Giant Diamonds: A Window into the Earth’s Interior**
  - **AFMS - 3rd Place Award. Original Educational Article—Advanced**
  - **AFMS - 3rd Place Award. Original Adult Article—Advanced**
  - **Rooftop Spacedust**
  - **9th Place Award. Original Non-Technical Article**

**Diana Jarrett**, *What’s the Rush? (Madagascar)*

- **4th Place Award. Written Feature**

*Blue Wonderful (Larimar)*

- **Honorable Mention. Written Feature**

*Namibia’s Ghost Town*

- **Honorable Mention. Original Non-Technical Article**

**Mark Kucera**, *2017 EFMLS Annual Convention*

- **Honorable Mention. Original Non-Technical Article**

Northern Virginia Mineral Club, *The Mineral Newsletter*

**Mike Kaas**, *Profile of the Kennecott Mine in Alaska*

- **3rd Place Award. Original Educational Article**
- **AFMS - 9th Place Award. Original Adult Article**
  - **Tsumeb Fellowship**
  - **5th Place Award. Written Feature**
  - **Virginia Gold Mining and Hornet Balls**
  - **Honorable Mention. Original Non-Technical Article**

**Sue Marcus**, *Mineral of the Month: Rhodonite*

- **5th Place Award. Original Educational Article**

**Linda Benedict**, *Gemming at Leisure*

- **3rd Place Award. Adult Poetry**
- **AFMS - 10th Place Award. Adult Poetry**

**Noah Fleischer**, *A Very Cool (and Easy-to-Access) Maryland Copper Mineral Locality*

- **5th Place Award. Original Non-Technical Article**

**George Loud**, *Mineralogical Reflections: Magnet Cove, AR-Memphis, TN-Spruce Pine, NC-Franklin, NJ*

- **Honorable Mention. Original Non-Technical Article**

**Grant Colip**, *Traveler’s Delight: Amethyst Treasure*

- **7th Place Award. Written Feature**

Rhode Island (RI) Mineral Hunters, *Bowen-Lite*

**Paul Koczwandki, Editor**

- **2nd Place Award. Mini Bulletin**
  - **Mineral of the Month (August)**
  - **8th Place Award. Original Educational Article—Advanced**
  - **Mineral of the Month**
  - **Honorable Mention. Original Non-Technical Article**
We know that “phishing” is an attempt by criminals to use means, such as the Internet and emails, to obtain money. Using emails, there are two ways you can send phishing campaigns: the first is 'spray-and-pray' which is a shotgun approach. Get as many email addresses from the organization you can, and send them all an email that they might click on. The second approach is decide what data you are after, then figure out who has access to that data, and specifically target those people. That is the spear phishing approach. There are thieves out there who believe that they need the treasury of rock and mineral clubs more than do the members of those clubs! Spear phishing attempts are not typically initiated by random hackers, but are more likely to be conducted by perpetrators targeting specific people or groups for financial gain. This was first brought to my attention in 2015 and it is still affecting rock and mineral clubs throughout North America. Knowledge is the best armor against becoming a victim of these criminals!

Spear Phishing is an email targeted at a specific individual or department within an organization that appears to be from a trusted source. It's actually cybercriminals attempting to steal confidential information or to convince a person to send them money. These criminals know that those in our hobby are staffed by volunteers untrained in cyber security. In our hobby we have web sites that serve to share our hobby with our members and prospective members. We post past issues of newsletters for reference and so that prospective hobbyists can see the enjoyment that we bring to those who will participate in it with us.

In a spear phishing attack, threat actors use their acquired knowledge of the potential victims to target them, and that approach allows them to tailor the attack.

These emails are more convincing and harder to detect than regular phishing emails. The attacker knows exactly who and what they're targeting. These cyber criminals use a technique called “Water-Holing”. This technique takes advantage of our hobby websites that people regularly visit and trust. The attacker will gather information about a targeted group of individuals to find out who to target at those websites. Often there are emails listed for key people and they know that. They mine our websites for terms such as “president” and “treasurer”, and they read more to get the emails of the individuals that they will be targeting from those groups – particularly for the club's treasurer. Cybercriminals create bogus profiles to try to trick the person with the information or money that they want. They will impersonate a celebrity or one of your friends or colleagues. These profiles look very much like the real thing, and it’s easy to get tricked. They try to impersonate a person that the bad guys already know you like and trust. They will then send fake emails to attempt to steal money or information.

These criminals are targeting institutions, businesses and individuals. The examples and defenses can take a lot of explaining, but this is typical of how it works in our hobby:

1. The cyber criminals (we'll call them the Red Box group) have identified the Ace Mineral Club as one that is active and that has a lot of members and activities. They know that activities need money and that members equal money. They know that most of these groups have vendors from which they buy supplies, equipment parts and such. The criminals also know that our clubs may have annual shows and at these shows are people we call vendors or dealers.

2. The Red Box criminals have identified Melinda Stone as the president and Alice Agate as the treasurer of this group.

Continued on Page 11
3. With email providers such as AOL, Gmail, Hotmail and such, there is a simple way to have your outgoing emails read your name instead of your email address. This gives you the option to have your outgoing emails sent with a degree of personalization. Red Box changes the name on his email to Melinda Stone.

4. Alice Agate, the club’s treasurer, receives an email from Melinda Stone. It reads something like this:

Alice,

What's the status of the payment to the vendor?
Has it been processed yet? Please send $2,715.43 to Able Arnold, P.O. Box 243 in Random City as quickly as possible!
I’m tied up in a project at work, please reply by email when this is done. ------ Melinda.

5. Alice has never been advised by Melinda to do anything that wasn’t in the interest of the Ace Mineral Club and she trusts her. What Alice does next will de-termine the fate of those club funds.

I know for a fact that these sorts of spear phish-ing activities have resulted in club monies being sent to the bad guys in response to fake requests. These criminals are not trying to take over your computer to try to get data. They are going after YOU instead. They know that they don't need as many technical skills to find one person who might be willing, in a moment of weakness, to open up an attachment that contains malicious content.” This means it does not matter if your workstation is a PC or a Mac, a tower, laptop or workpad – the last line of defense is... you guessed it: YOU!

What can we do to prevent this kind of theft?

First - if the email request is unexpected, look at the email of the sender and hover your cursor over the name this may expose the true sender. You may also be able to right-click on the name to expose the actual sender. Many times the attacker will employ a slight-of-hand (like magicians do) so you think you are reading an email address correctly but they’ve actually switched out, added or replaced characters (commonly known as substitution and transposition). It’s common to see legitimate email addresses with an “m” replaced with an “r n”, a lower case “L” switched out with the number “1” or a .com email reading as .co instead.

What can we do to prevent this kind of theft? (cont.)

Even the slightest change in an email address means the email is going somewhere else. In the case of our president’s email of melindastone, the “r n” substitution would make it look real – rnelindastone.

Second - make sure that the members of your society or club’s board of directors are aware of these rock-and-mineral-hobby attacks and that it has policies in place to prevent checks from being issued to the criminals. These policies should include:

1. All checks are kept with the Treasurer.
2. No signed or blank checks are given to anyone else in the club “just in case”.
3. No checks are created without prior board approval that specifically lists the payee, expense category and the exact approved amount.

Third - forward all fraudulent phishing emails to the U.S. Department of Homeland Security Computer Emergency Readiness Team’s Anti-Phishing Working Group: phishing-report@us-cert.gov

I hope that this will help your club, society or federation. If you are targeted by these cyber crimi-nals please forward the email to me so I can update my own knowledge. mnelsonair at aol dot com.

President’s Message (continued from Pg 2)

I hope that you have found the above article helpful in understanding the process that almost all the scammers follow. if you or club have received these types of phishing emails you will hopefully now recognize these patterns. In the coming weeks, the Club’s page on the EFMLS Website Federation will likely be off-line as we retool the method in which we present the Officer information of our affiliated clubs. I want you to know that I take this situation very seriously because so far, my personal contacts have been the primary target and has created a hell of a lot more work for me instead of focusing on helping you and your club.

Please note, that these phishing schemes have been around for a while and have targeted our website on previous occasions. However, the recent phishing attempts have been more frequent, direct and persuasive. Scumbags!

If I could leave you with one thing... If you receive a suspicious email, examine the sender’s email address closely. If it ain’t right, (don't reply, obviously) reach out to the person (phone or other email address) who supposedly sent it and verify. Then report (forward) the email to phishing-report@us-cert.gov

Thanks,
Regional Vice Presidents (RVP's)

<table>
<thead>
<tr>
<th>Region 1</th>
<th>Region 2</th>
<th>Region 3</th>
<th>Region 4</th>
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<td>Ellery Borow</td>
<td>Cheryl Neary</td>
<td>Michael Kessler</td>
<td>Bill Stephens</td>
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<td>(See Officers, pg2)</td>
<td>1516 449 5341</td>
<td>1570 242 5091</td>
<td>1302 540 3453</td>
</tr>
<tr>
<td>ciervo.neary at gmail</td>
<td>quartz1313 at stephensenv</td>
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<td>Larry Huffman</td>
<td>Claudia Barton</td>
<td>Michelle Renné</td>
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<td>lambcheryl at hotmail</td>
<td>1828 612 4469</td>
<td>1706 865 0988</td>
<td>1561 644 2323</td>
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EFMLS Committees & Chairperson

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<tr>
<th>AFMS Endowment Fund (A)</th>
<th>Club Rockhound of the Year (A)</th>
<th>Convention Show Chair</th>
<th>Wildacres (Continued)</th>
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<tr>
<td>Larry Huffman, (See RVP Reg 6)</td>
<td>Ellery Borow (see page 2)</td>
<td>Ron Nelson, 914-850-2486</td>
<td>Ken Valko, 1304 436 8032</td>
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<tr>
<td>AFMS Scholarship Foundation (A)</td>
<td>Conservation &amp; Legislation (A)</td>
<td>rn33 at optimum dot net</td>
<td>--sssoapstone at yahoo</td>
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<tr>
<td>Steve Weinberger</td>
<td>Scott Peters</td>
<td></td>
<td>Director – Pam Bryant --1804 457 4698</td>
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<tr>
<td>1410 833 7926</td>
<td>1610 449 4284</td>
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<td>---pjbyant6 at juno</td>
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<tr>
<td>csscrystals2 at gmail</td>
<td>slipgapdms at aol</td>
<td></td>
<td>Registrar - Suzie Milligan --1607 687 5108</td>
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<tr>
<td>AFMS Uniform Rules</td>
<td>Convention Advisory</td>
<td>Supplies</td>
<td>---smithigan at stnry dot rr</td>
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<td>Cheryl Neary (see Auction)</td>
<td>KC Foster</td>
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<tr>
<td>AFMS Ways &amp; Means (A)</td>
<td>Member Directory /Acting Chair</td>
<td>Katrinkaper at yahoo</td>
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<tr>
<td>To be appointed</td>
<td>Bev Eisenacher - (see page 2)</td>
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<td>All American Award (A)</td>
<td>Each One Teach One Award (EOTO)</td>
<td>Uniform Rules</td>
<td>Betsy Oberheim</td>
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<td>Barbara Ringhiser</td>
<td>Betsy Oberheim</td>
<td>Barbara Sky</td>
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<tr>
<td>1561 588 5458</td>
<td>1717 469 2243</td>
<td>636-207-8766</td>
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<tr>
<td>bar5678 at aol</td>
<td>Aoberheim3 at aol</td>
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<td>---mills at stnry dot rr</td>
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<td>Ways &amp; Means</td>
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<td>Carrie Meyers</td>
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<td>1717 314 5375</td>
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<td>(see EOTO Award)</td>
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<tr>
<td>cmeyers8 at comcast dot net</td>
<td>Historian</td>
<td>Webmasters</td>
<td>Debbie Potter, 1203 727 4520</td>
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<td>Boundaries (A)</td>
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<td>Dan Imel</td>
<td>--beebalm28 at gmail</td>
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<td>Web Site Contest - Open</td>
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<td>Junior Activities (A)</td>
<td>Wildacres Workshop Committee</td>
<td>Steve Weinberger, Chair (see AFMS)</td>
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<td>Mary Bateman</td>
<td>Betsy Oberheim (see EOTO Award)</td>
<td>Gary Bertholdt (see page 2)</td>
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<td>Operating Procedures</td>
<td>KC Foster (see Supplies)</td>
<td>(see AFMS)</td>
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<tr>
<td>mbateman1 at verizon dot net</td>
<td>Steve Weinberger (see AFMS Scholarship Fndtn)</td>
<td>Bonnie Hird, 1304 448 3362</td>
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<tr>
<td>Bylaws / Parliamentarian</td>
<td>Safety (A)</td>
<td>--bmwitt at citynet dot net</td>
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<td>Mark Kucera, 1914 423 8360</td>
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<td>--mark_j_kucera at yahoo</td>
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<td>Richard Meszler, 1410 825 0863</td>
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<td>--rmeszler at comcast dot net</td>
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EFMLS NEWS --July 2019 12

Communication and Involvement Are the Keys to Our Success!
COMMUNICATION AND INVOLVEMENT ARE THE KEYS TO OUR SUCCESS!

Thanks for everything Orange County!!!

Make sure to protect your eyes from the Sun this summer!

If you are an EFMLS Member Organization and would like to have your show/event listed here, please email information with the subject line: “Advertise our Show” to EFMLSinс@gmail.com.

Note: List of Shows will be expanded in coming months.

JULY: 7-8—ERIE, PA: Gem City Rock & Mineral Society; McDowell Intermediate HS, 3320 Caughey Rd.; Sat. 10-6, Sun. 10-5; Adults $4, Srs. $3.50, free under 12; contact James Trimble, 814-460-9299, jtrimble57@gmail.com, gemcityrockclub.org

13-14—The ‘CUSE, NY: Gem & Mineral Society of Syracuse; Center of Progress Bldg NY State Fair, 575 State Fair Blvd; Sat. 10-6, Sun. 10-4; adults $7, under 12 & uniformed scouts free; 60+ dealers, demonstrators, displays, cracking geode opportunities, and activities for children; contact Dick Lyons, membership@gmss.us; gmss.us

27-28—SOUTHOLD, NY: Long Island Mineral & Geology Society; Mattituck HS, 15125 Main Road; Sat. 10-5, Sun. 10-5; $6 adults, free under 12; mineral$, gems, fossils, meteorites, geode cracking, jewelry repair & wire wrapping; Karen Lotito, Threelabsmum@yahoo.com, LImineralandgeology.com

AUGUST: 9-11—WEST SPRINGFIELD, MA: Wholesale & Retail EAST COAST SHOW; LLD Productions, Inc.; Eastern States Exposition, 1305 Memorial Ave; Fri. 10-6, Sat. 10-6, Sun. 10-5; Adults $10, free under 13 ; Over 200 vendors, special exhibit - New Mexico Mineral Resources Mineral Museum, lectures, mineral ID, kids activities; Regina Aumente, 505-867-0425; mineralshowsmall@gmail.com; mineralshowsmall.com

16-18—PARRSBORO , NOVA SCOTIA: Cumberland Geological Society; Parrsboro Lions Rec Ct, 210 King Street; Fri. 10-5, Sat. 10-5, Sun. 10-5:30; Adult $5, free 12 & under accompanied by an adult; 30+ vendors with earth treasures, specimens, jewelry supplies/tools, beads, tumbled stones, geological field trips; Sandra Tanner, sandra.tanner@novascotia.ca; fundygeological.novascotia.ca

24-25—CANTON, NY: St. Lawrence County Rock & Mineral Club; Canton Recreational Pavilion, 90 Lincoln St., 9 Indian Head Trl.; Sat. 9-4:30, Sun. 9-3; $2 for adults; free 12 & under; William deLorraine, 315-287-4652 wdellie@gmail.com, stlawrencecountymineralclub.org

SEPTEMBER: 7-8—NEW MILFORD, CT: Danbury Mineralogical Society; New Milford High School, 388 Danbury Road (Rt 7); Sat. 10-5, Sun. 10-4; Adults $5, Srs & F-time students with ID $4, Under 11 & uniformed scouts FREE. Elizabeth Triano- 845- 319-6089; lizziewriter@comcast.net: facebook.com/Danbury-Mineralogical-Society-PAGE-157499457596134/

14-15—NORTH ADAMS, MA: Northern Berkshire Mineral Club; American Legion Post 125, 91 American Legion Drive; Sat. 10-6, Sun. 10-4; Adults $4, 15 & under FREE; Lawrence J. Michon, 413-663-8430; LMICHON@RCN.COM; nbmclub.webs.com

20-22—FISHERSVILLE, VA: Shenandoah Valley Gem & Mineral Society; The Augusta Expo, 277 Expo Road; Fri. 2-6, Sat. 10-6, Sun. 11-5; Adults $3, Sr’s & students $2, under 12 & uniformed scouts FREE. Scott Gregory, Show-Info@shenandoahvalleyrockclub.org, ShenandoahValleyRockClub.org

21-22—POUGHKEEPSIE, NY: Mid-Hudson Valley Gem & Mineral Society; Golds Gym Family Sports Complex, 258 Titusville Road; Sat. 10-5, Sun. 10-4; adults $5, Srs $4, students $2, under 12 free. Theme “Pyrite….Don’t Be Fooled” exhibit by Vassar College Museum & MHV members. Linda Wuest, garnet327@hvc.rr.com; mhvgms.org