



Each one teach one



President's Message

Hi Rockhounds,

Wow, I am astonished that we've not hit triple digit weather yet. Bite my tongue, say no more, as I much prefer 60 degree weather, lol. So what have we got in store for you--a field trip? Yes, we are going to Arkansas. So with that in mind, you will need to watch for information via email. I do hope that all who attend have a grand time of it. I am working on another one also; more on that as I get information.

So what can I update you on... let us see. The bees are mostly gone, PHEW, Rick the exterminator, finally did not see one bee flying about and the spaces that once hummed with activity are in fact now clear! He also didn't see any more bees physically trying to eat their way into their old home, our clubhouse. We will be looking into sealing any "welcome home", bug holes. I do not want to anticipate having to seal cracks after the fact, as we are now doing with the bees. Not good planning there. And I want to clear the fence line of tree branches that are rubbing on the roof tiles installed the last time I was President. I do NOT WANT any problems with the integrity of that!!! Plus it will eliminate the problem of blooming branches attracting more bees.

Your Board has been busy keeping your clubhouse going. Please let us know if you have queries... we can only address your concerns if we have knowledge of them. Please also put them in writing so that we have a clear understanding of your dilemma.

(continued on page 2)

THE AUSTIN GEM AND MINERAL SOCIETY, INC. (AGMS) is a member in good standing of the South Central Federation of Mineral Societies and the American Federation of Mineral Societies. Its editors are also members of SCRIBE. The club address is 6719 Burnet Lane, Austin, Texas 78757, and phone (512) 458-9546. The AGMS is a 501(c)(3) nonprofit organization. Visit our website at www.austingemandmineral.org. Contact our webmaster for website updates at DiannH@austingemandmineral.org.

PURPOSE

The purpose of the AGMS is to promote interest and education in the various Earth Sciences and other related subjects.

MEETINGS

The society meets at 7:00 p.m. the fourth Thursday of every month except October, which is show set up day, (except for 2014, when set-up day will be on the first Thursday of the month). The November meeting will be held on the THIRD Thursday. December is the Officers' Induction Banquet held on a date to be determined. Board meetings are held the first Tuesday of every month. Show committee meetings are held on the third Thursday of each month. All meetings are open to anyone. Society officers are listed on the second page of this publication. Please feel free to contact any of them for information.

Dues for 2014

Annual membership dues are:

Adult-\$30.00 Couple-\$40.00 Junior--\$4.00

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Hospitality - Vacant

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Scholarship - Stretch Young

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Sergeant-at-Arms - Jackie Fisher

Sunshine - Fran Ellis

Newsletter Editor – Carolyn Perkins

stonechipper@austingemandmineral.org

(President's Message cont'd from p. 1)

One of our members wants to teach a faceting class as soon as possible so lets look forward to starting that class. It should prove to be quite popular.

Just a note to all; if you want to see a national gem and mineral show in action then come visit us in Tulsa, Oklahoma; July 11-13, second weekend of the month. You will see some of us there: Pauline, Josie, Ron, Laird, and possibly Dennis. The latter four will be judging or clerking as the case may be. This reminds me that WE, also will be hosting the National Show-- in 2015!!! Really looking forward to that should be a lot of work but a lot of fun also!!

Looking forward to our next speaker in August. Thanks for the memories, lol!

*Josie Middleton,
President of AGMS*

July General Meeting Speaker

will be Sean Gulick, Associate Professor, Institute for Geophysics, Jackson School of Geoscience, UT., who will address the Chicxulub impact and mass extinction.

Show Committee Minutes

June 19, 2014

Minutes: Minutes are submitted with one correction to the ending balance of last month treasurer's report.

Treasurer: Brian submitted the treasurer's report.

Advertising: It would help if everyone would talk to a school or business in their area about possibly hanging a banner on their fence advertising for the show. The banner would be like the car magnets "This weekend the Gem Capers". Offer the school \$100 up to \$200 for PTA or book fund to hang the banner and offer a business that they can take the donation off their taxes as we are a 503© for education.

Dealers: Three dealers are back in the show and three other are not going to be in the show. One past dealer is back in the show. There are no demonstrators signed up. We would like to see someone do mineral identification at the show. Alan will check with someone to see if he would be willing to do it and Robert will contact another person.

Flyers: Stretch brought in the flyers for this year's show. Susan asked Stretch if he could do flyers for the 2015 show so they can be sent to Tulsa to put in the delegates package

Dinosaur Guy: Susan advised that getting him would be too expensive for 3 days for him and 4 other speakers. Susan is going to ask Alan Peters at Fossil Fest to do talks on Saturday and Sunday. Alan Posnick does the dinosaur talk on Friday for kid's day.

Postcards: The address list was not quite ready yet but Dee will finish and bring over to Susan at work on Monday.

Show Pins: Wing was the only one who brought in a design for the 2014 show pin. Placement of

the wording was changed and it will be submitted to the maker.

Website: Gem Capers website needs some updates or corrections and Susan is working with Diann.

Minutes by Dee Fly

Emergency Board Committee

Minutes

June 27, 2014

Board Attendees: Josie Middleton, Les Postlethwait, Kathleen Howard, Charlotte Morriss, Craig Brandt, Dee Fly, Sian Schilhab, Lou Pulliam, Cindy Murphy, Laird Fowler, and Shawn McMahon.

Absent were: Dee Fly, Sian Schilhab

Josie opens the meeting at 6:30 PM
 Old Business: The bees are back. More permanent measures must be taken to eradicate them from the building. Josie will call Greener Texas back for a second visit and ask him to provide something stronger than last time. We were advised that he can come back but until the building is better sealed, we can't expect the bees to stay away. He said that he could provide that service, but at additional cost. He recommended hiring a contractor who specialized in that sort of thing. We also need to make sure that we get it in writing from whoever we hire a better description of the work for the money we are paying them. Josie suggested that we may need a year round contract for extermination services now and that this current company will give us a break on his cost, if we contract with him. The board recommends that we shop around and bring this back up for discussion before executing a contract with anyone else. Josie calls for adjourning the board meeting to get to the General Meeting in time and Lou seconded.

Board Meeting Minutes

July 1, 2014

Board Attendees

Josie Middleton, Les Postlethwait, Kathleen Howard, Charlotte Morriss, Craig Brandt, Lou Pulliam, Cindy Murphy, Laird Fowler, and Shawn McMahon.

Absent were Dee Fly, Sian Schilhab

Eight general members of the club were also in attendance.

The meeting began at 7:05 PM.

Old Business

Shawn McMahon reported that there were no amendments to the JUN 3rd Board Meeting Minutes and the board voted to accept them as they were published in the Stonechipper.

Josie reported that the bee exterminator came out again to spray for bees, using pyrethrum and delta dust this time. But, he does not think it will be very effective until we completely seal around the roof to eliminate any entrance or escape routes for the bees. We also need to remove limbs and leaves from the roof to prevent any further infestations from bees or other pests. Ken Grider a member who was visiting the board meeting was asked to assess the situation, which he did during the meeting time.

Josie had also gathered some estimates from the current exterminator – Greener Texas, MMI-TX-Tree trimmers, and MR Renovations by McConnell for cost comparisons. Several work items were considered for contract including annual pest control service, removal of debris from roof deck and tree limbs, preparation and cleaning of area where trim meets flashing, and sealing of exterior gapping at flashing. Along with these companies for consideration it was suggested by members that a lot of the work could be done by the club

with the possibility of hiring out some of the more difficult work items to others. Mr. Grider is also a handyman who is willing to work on the sealing, should we consider hiring him for the job at a considerable cost savings to the club.

Ron Morris called for volunteers to help with the tree trimming and clean up JUL 12th, starting at 8 AM for those who can get there that early or earlier. Please bring whatever tools you may have that are appropriate for the occasion. Cindy motioned that we hold the cleanup by the club on this date and Kathleen seconded. Charlotte motioned that we hire Ken Grider for sealing the building and cutting back limbs over the roof and on the side where we can't reach. Craig seconded the motion for hiring Ken. Both motions were passed.

Contact with the neighbors adjacent to our property must be made so that we can access the side of our building from their property. We have not had a lot of success in the past negotiations with them, but an attempt will be made.

CPA update was provided by Laird who found Mr. Keith Rech CPA, that will do our taxes and keep up with our 501 C3 filing status as a non-profit organization for only \$500 a year instead of the over \$1,000 we are currently paying. Charlotte motioned to accept, Josie seconded and the motion passed that Mr. Rech be hired.

Further discussion on our insurance policy was tabled until more information is gathered and the bees are handled.

Charlotte Morriss provided the 2014 Expenses & Income Report for January 1, 2014 to June 30, 2014 on the Club's Account balances. Total Income was \$1,200. Total Expense was \$1,000. Making our overall balance of \$200.

Even though we are trying to conserve on energy,

the electric bill is running much too high. The time has come to install a new programmable thermostat. Sue and Les Postlethwait will get a check from Charlotte and pick one up, so that he club can install it ASAP.

New Business:

Cindy Murphy announced that we have been contacted by the National Mining Museum Hall of Fame located in Leadville, Colorado asking for donations from each state of the best example of rocks most representative of their state. As the Texas state stone is **petrified palmwood**, they asked if we might have something we are willing to donate that would make a nice sample for their museum. Credit would be given to our club on an exhibit plaque. Please contact Cindy if you have a specimen to donate so that we may coordinate the selection and contact with them. Their request was sent out JUN 24, 2014.

Craig called to adjourn the meeting and all agreed. Meeting adjourned at 8:15 PM

Minutes submitted by, Shawn McMahon.

General Meeting Minutes June 27, 2014

The meeting was opened by Josie Middleton who presided, opening the meeting at 7:05 PM. She introduced Kathleen Howard who in turn introduced the guest speaker of the month – Dr. Nicolas W. Hayman, who spoke about Hydrothermal Mineralization in the ocean crust: a view from the seafloor.

Dr. Hayman started his presentation off by talking about general formations found on the sea floor, such as in the Palisades off the coast of Patterson, New Jersey and the great variations that can also occur. These variations are often exaggerated by movement in the tectonic plates forcing oceanic

crust onto land which can result in creating sulfides and copper deposits, as in off the coast of Cypress called Troodos Opholite.

The Mid-Ocean Ridge System that runs along the West coast of both North and South America and into the mountain ranges, have heat flows that measure from zero to 160 degrees Celsius. While a flow out on the sea floor ranges up to 350 degrees at the floor's surface. Lava flows with dikes allow sea water to flow into the magma chambers that then heat up and shoots back up the dikes, spraying up to the surface creating Black Smokers. Abrupt changes in the metamorphic rocks occur at the dike magma chamber areas and are areas rich in minerals.

Observation of this process has been seen and recorded through the use of submersibles that allow photographs to be taken at depths divers could not attain. The machine known as "Jason" is remote driven and can remain at ocean depths up to 12 hours. Another submersible that allows up to three divers at a time to explore the ocean at lesser depths is called "Alvin" and assist the missions by providing an elevator for found specimens back to the surface. Riffs in the earth's crust such as the Hess Deep and Pitt Deep run as much as 6 Kilometers down in the Pacific and run parallel to the fault lines on land. Observing the faults open to magma chambers and the movement of sea water in and out, creates mineral deposits such as basalt veins, magnesium, quartz, and chlorite. The grain size in minerals is determined by the minerals, the force upon them, and how quickly the minerals cool after being heated to high temperatures.

Dr. Hayman concluded his presentation and answered any questions members had, such as "How do we know which actions cause which effects?" Answer, right now – we don't for sure. That is why we continue to conduct studies.

Our visitors for the month were: Roy, who is interested in rocks; Jan, who is just a rockhound, likes lapidary, and collects rocks from all over;

Alison, is interested in oceanography; Dee, who took gem classes in college and would like to do more; Rebecca, wants to know more about rocks and how to tell the difference; and Brenda, who just likes rocks and always has.

There were 10 door prizes given out to grateful recipients.

Minutes from the last meeting were accepted.

Ron reminded us that the Labor Day weekend is fast approaching and that they are going to Hot Springs Arkansas. If anyone else is interested in visiting there, talk to Ron, as an adventure maybe at hand.

Gary Rylander’s mom passed away and we express our condolences from the club.

Jackie mentioned a mineral photography contest in SEP meeting. Photo must be on 8X10 to submit. Also, a cab and dinosaur contest – free form and traditional.

There is a national show July 11th - 13th in Tulsa Oklahoma that Josie and Laird will be attending. Ron expressed our thanks from all of the Board to Lou and Tony for graciously inviting us to their home and allowing us to ooh and aah at their wonderful collection while munching on delicious goodies, that we so appreciated..

Meeting was adjourned at 8:20 PM.

Minutes submitted by Shawn McMahon

AGMS Meetings Schedule

Metalsmith SIG--2nd & 4th Monday--6:30pm

Board Meeting--1st Tuesday--7pm

Minerals SIG --2nd Tuesday--7pm

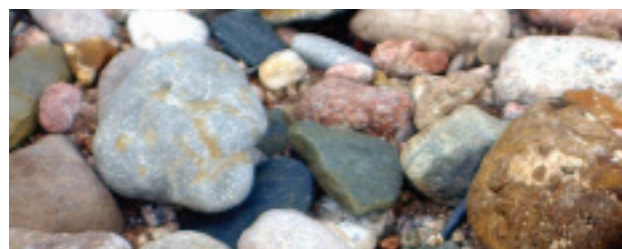
Gem Capers Show--3rd Thursday

General Meeting--4th Thursday--7 pm

Dr. Nicholas Hayman, research scientist and lecturer from the UT Jackson School of Geosciences, spoke on hydrothermal mineralization in the ocean crust at the AGMS June 27th General Meeting.



Photo by J. Perkins



Hunts & Events



July 31-Aug. 4-- AFMS Multi-Federation Field Trip, Terry MT. Rock & fossil hunting trips, swaps, get-togethers, music. contact Doug True (406) 670-0506; dtruefossils@yahoo.com

(continued on following page)

Aug. 9-10-- Baton Rouge Gem & Mineral Society Show & SCFMS Regional Convention, 10-5 Sat. & Sun, Marriott Hotel, Hilton Ave., Baton Rouge, LA.

Aug. 23-- AGMS Annual Auction & Picnic, Sat. 10-4. Potluck picnic. Contact Les Postlethwait, texasagate@gmail.com

Oct. 3-5-- AGMS Annual Gem Capers Show. Move in on Thursday, Oct. 2.

Oct. 11-12-- Tri-Cities GMS Show, Mayburn Center, just off IH-35 in Temple, TX.

Nov. 22-23-- Dallas Gem & Mineral Show, Rodeo Center Exhibit Hall, 1800 Rodeo Drive, Mesquite, TX. 75149.

SILVER HARDENING

From *Lapidary Arts and Facetors Digest*: February 9, 2004

Silver softens when heated. Metals often react differently when heated, so what works with one, may not with another. Silver hardens/temper when worked i.e. drawn, bent, twisted or hammered. If you hammer it lightly with a planishing hammer (or work it), it will temper. If you hammer too much it will become brittle, so it may need to be annealed before continuing to work with it. This last process is used for prolonged silver working. Silver jewelry, over time, very often work hardens from daily banging around. When constructing a ring, I would often size a ring down one size, put it on a mandrel, hammer it (turning it upside down occasionally to keep it from becoming cone like), just to put some temper in it. Gold and copper are much the same. Be very careful with white gold and platinum and its alloys as they are temperamental in a variety of ways. After hammering is complete, if a

smooth finish is desired, clean the hammer marks off with the necessary filing, sanding and polishing. I would suggest mastering silver and yellow gold before taking on platinum.

from Mar/Apr 2005 *Facets*, NW Lapidary & Mineral Society

THANK
YOU!

Each month Jim and JoAnn Wiersema & Cora Caffey of Horizon Environmental Services print, fold and seal the *Stone Chipper* for mailing to those club members who do not have computer access and for non-members interested in finding out more about the club. This is a real cost savings for AGMS and we appreciate their generosity.

Stone Chipper Ads

The Stone Chipper can now accept non-political AGMS Board-approved paid advertising. If you are interested in placing an ad or have questions about the process, please contact *Stone Chipper* editor Carolyn Perkins at stonechipper@austingemandmineral.org.

You can choose from a variety of sizes for your print-

Full Page (7" x 8") (\$100 per issue)

Half Page (7" x 4") (\$50 per issue)

Quarter Page (3 1/2" x 4") (\$25 p.i.)

Business Card (3 1/4 x 2) (\$12.50 p.i.)

There is no extra charge for full color, but mail out copies will be black and white only.

Refreshments Reminder!

Please bring refreshments for the July meeting if you haven't fed us lately.



CABOCHON #

AGMS CABOCHON CONTEST ENTRY FORM

Please include a signed copy of this form with **EACH** cabochon.

Entry Deadline is September Business Meeting

THEME: DINOSAUR BONE

Name: _____

Phone Number: _____

Class: (Check appropriate box)

	Adult	Traditional
	Adult	Free Form
	Junior	Traditional
	Junior	Free Form

AFMS Multi-Federation Field Trip-- July 30-August 2

A reminder about the multi-federation field trip from our Field Trip Chair:

AFMS Multi-Federation field trip, Terry Montana: Numerous trips to the gravel bars on the Yellowstone River hunting montana agates, jaspers, petrified wood, fossil coral, stromatolites and numerous other "oddities."

Numerous trips to Pierre & Bear Paw Formation areas to collect ammonites, baculites, scaphites, nautilus, and many other shells.

Working on trips to several areas to collect dinosaur fossils from the Hell Creek Formation.

Take a guided tour through the Eastern Montana Badlands-- a once-in-a-lifetime opportunity.

For more information contact Doug True, Field Trip chairman, (406) 670-0506 or dtruefossils12@yahoo.com

Invest in Mineralogy and Mineral Collecting Awareness?

Editor's Note: I recently received this information via email and visited their website. Their stated aim is to "raise awareness for mineralogy and mineral collecting" and they are soliciting money via Kickstarter to finance it. If you are interested, read on.

Father, Son Kickstarting Mineralogy

We're trying again on Kickstarter to raise awareness for mineralogy and mineral collecting! Please note, we're not selling anything. But we do need your help, chatter and support to get this project rolling! We're creating free downloadable educational content for kids and educators and we're trying to get a more formative television show going about mineral collecting! Please, if you value mineral collecting, you won't have to put in much effort at all to help out a bunch! It's as easy as forwarding a link, reviewing the project, "Liking" us on Facebook and "Re-Tweeting" our content on Twitter. Simple!

Kickstarter.com is a crowd funding website, where projects are submitted and approved by the staff to get a much needed funding boost from people all over the world. Well our project "Minerals or Bust!" was approved and we launched it on the Fourth of July! Now we need your support! We have specific goals, aims and budgets listed on the project website, so please take a minute to look it over. Two years ago we launched a project that failed to get the funding we needed, but we're not ones to roll over and give up! So we regrouped and created a bigger, better project!

Sadly, Mineral collecting is an interest that is dying out and we want desperately to breathe some new life into this great past time. There are practically no young faces at swap meets, in local clubs and at conferences and if we don't do something fun and entertaining to grab some new interest now we'll lose an entire branch of scientific study. Every year notices circulate about friends and colleagues who made great strides in mineralogy who've passed away. Their collections and research materials disappear, sometimes just into the dumpster! Oh, what a true shame that is!

But that's where we can help! There's no better bunch to put a comical spin on some educational awareness about minerals right now than a goofball father/son team with an extensive mineralogy background. Over the years we've been members of the Nittany Mineralogical Society, Kyana Geological Society, the Georgia Mineral Society, the Coon Creek Non-Meetings in Arkansas, the Montgomery Gem and Mineral Society, Alabama Mineral & Lapidary Society, Friends of Mineralogy Midwest, FM Southeast, the Northern California Mineralogical Association and Southern California FM! Our project deadline is August 28th, 2014. Please help us Kickstart an entertaining and informative series about gems, minerals and mineralogy!

Our project on Kickstarter.com: <https://www.kickstarter.com/projects/jbarwood/minerals-or-bust-season-one-episode-one>

["Like" our Facebook.com page with additional news/info: https://www.facebook.com/Minerals3DHD](https://www.facebook.com/Minerals3DHD)

[Follow us on Twitter: https://twitter.com/MineralsOrBust](https://twitter.com/MineralsOrBust)

[Website coming soon: http://www.mineralsorbust.com](http://www.mineralsorbust.com)

[All support, be it a "Tweet", a "Like" or just good word of mouth, is greatly appreciated!](#)

AGMSList

If you are currently not a member of the AGMSList and would like to be, please email Diann Hill at general@austingemandmineral.org.

The Stone Chipper is the official publication of the Austin Gem and Mineral Society. It is published monthly in Austin, Texas. Expanded minutes of Board Meetings are available upon request. Note: Clip art images are under Copyright 2014 by the AGMS and its licensors. All rights reserved. Unless otherwise noted, text items in *The Stone Chipper* may be reproduced in other nonprofit publications as long as proper credit is given to the author and *The StoneChipper*. All authors who make submissions to this newsletter are presumed to agree with this policy.

The Stone Chipper

July 2014 Newsletter

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Address Correction Requested

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Please visit us at www.Austingemandmineral.org