

SEPTEMBER-OCTOBER, 2022

NEWSLETTER OF THE
SOUTH CENTRAL FEDERATION
Of Mineral Societies



Member of: American Federation of Mineral Societies

About Sapphire—gemstone of September

Formula: Al_2O_3

A variety of Corundum

Most commonly refers to the blue gem variety of corundum, but other colored varieties of corundum are also described as sapphire, except red corundum, which is better known as Ruby.

Visit gemdat.org for gemological information about Sapphire.

About Opal—gemstone of October

Formula: $\text{SiO}_2 \cdot n\text{H}_2\text{O}$

Colour: Colourless, white, yellow, red, orange, green, brown, black, blue

Lustre: Vitreous, Waxy, Greasy, Dull

Hardness: $5\frac{1}{2}$ - $6\frac{1}{2}$ Specific Gravity: 1.9 - 2.3

Name: The origin of the name is uncertain. It may be from the Sanskrit "upala", meaning "stone" or "precious stone" or from opalus, the ancient Latin name for the gem (Pliny the elder, 75-79). Pliny may have also referred to the gem as paederos, but a modern commentary by Kostov (2008)^[1] questions if that name was actually applied to the opal



Continued on page 4

INSIDE THIS ISSUE

- | | |
|--|--|
| 1. Front Cover | 13. Lodging |
| 2. Table of Contents | 14. Convention Schedule |
| 3. SCFMS Information | 15. Competitive Exhibit Entry Form |
| 4. President's Message / Front Cover Continued | 16. Non-competitive Exhibit Entry Form |
| 5. AFMS Scholarship Foundation | 17. Junior Cash Award Entry Form |
| 6. Membership Renewal and Insurance Dues | 18. Delegate Registration Form |
| 7. Gem Capers Letter | 19. Proxy Delegate Registration Form |
| 8. 50th Annual Gem & Mineral Show | 20. Award-Winning Bulletins |
| 9. A Bayou Welcome | 21. In Memorium |
| 10. Registration Form | 22. Moldavite Sudoku Puzzle |
| 11. Convention Meals | 23. Geology Lab For Kids |
| 12. Convention Meals Continued | 24. Geology Lab For Kids Continued |
| | 25. Bench Tips by Brad Smith |
| | 26. SCFMS Shows/Thank You |

SOUTH CENTRAL FEDERATION OF MINERAL SOCIETIES, INC.

2020 SCFMS OFFICERS

President: Roger Burford

Executive V-P: Don Shurtz

Secretary: Liz Burford

Treasurer: Henry Rojas

Web Master: Don Shurtz

**Exec. Secretary:
Kimberly Brannon**

**AFMS Endowment Fund Raffle:
(temporary) Jerrold Simpson**

**SCFMS Endowment Fund Com.
Treasurer: Empty**

**Nominating Committee –
Ron Carmen**

Past President: Jerrold Simpson

**For more information or to send in-
formation to the SCFMS or an
officer, please email:**

scfmsinformation@gmail.com

PURPOSE

*To promote popular interest and education in the various earth sciences, in particular those hobbies dealing with the art of lapidaries and the science of minerals, fossils, as well as their associated fields.

*To cooperate with educational and scientific institutions or other groups engaged in increasing knowledge in the earth sciences.

*To cooperate with or become members of similar Federations in the United States and elsewhere.

*To assist in the formation of earth sciences societies in localities where public interest justifies their formation.

E-MAIL ADDRESS CORRECTION AND CHANGES

It is each members responsibility to send your email address corrections to the SCFMS Editor:

Susan Burch,
scfmseditor@yahoo.com

NEWSLETTER PUBLISHED BIMONTHLY

DUPLICATION

In most instances material in this newsletter may be duplicated for non-commercial purposes providing full credit is given. There are exceptions, please do not assume permissions. For Commercial use, the individual author(s) must be contacted for their approval.

A NOTE FROM —THE EDITOR—

THE FINAL DEADLINE, ETC.



For each newsletter the deadline is the 20th of the month prior to scheduled publication. February-April-June-August-October-December all provide the deadline for the following bi-monthly issue. Although, the Editor may chose to adjust the deadline due to circumstances.

As a reminder! Shop hints and tips that are used in this newsletter have not been evaluated for safety or reliability by myself. Please use caution and safety when trying out any new idea. Please, if you have something urgent give me a call, but send newsletter content via email.

ANNUAL SHOW 2022

**Hosted by the Gem and
Mineral Society of Louisiana
in New Orleans.**

October 14-16, 2022

ANNUAL MEETING

October 15, 2022; 10 am?

**SCFMS WEB-SITE:
WWW.SCFMS.NET**

**The SCFMS is a member of the
American Federation of Mineral
Societies. amfed.org**



NEWSLETTER EDITOR/BEAC:

Susan Burch
scfmseditor@yahoo.com



President's Message



Roger Burford
SCFMS President

We are finally getting our newsletter back up and running, thank you Susan, and with that please, everyone please send in interesting articles to be added to upcoming editions.

This year we are holding the SCFMS convention in my home state of Louisiana in the New Orleans area. The show and convention will be held in Westwego, LA which is across

the river from New Orleans and the venue is the Alario Center which is a very nice venue and there will be around 30 vendors. This will be the first show that the New Orleans club has been able to hold in the last 3 years due to COVID and Hurricane response and it will be their 50th show so they are really excited and going all out.

On top of this being their 50th show and the SCFMS convention, they are also hosting the AFMS convention which will bring in guests from all over the country. Of those I have spoken to, they are very excited to come and take in our great hospitality.

The Gem and Mineral Society of Louisiana belonged to the South Eastern Federation until just a couple of years ago when I was able to talk them into moving over the SCFMS joining the other societies in Louisiana and they are very excited to put on this show and the events holding two federation shows entails. If at all possible, please come and join us for a great time. We hope to see you there.

50th Annual Gem & Mineral Show
Hosted by: Gem and Mineral Society of Louisiana
October 14-16, 2022
(2000 Segnette Blvd. Westwego, LA 70094)



ON THE COVER continued:

of modern sense. Although it is still (2007) regarded as a valid mineral species for historical reasons, opal is not a true mineral in the accepted sense of the word as it is either composed of [cristobalite](#) and/or [tridymite](#) or composed of amorphous silica.

Opal is classified into four types:

- [Opal-CT](#): contains cristobalite-tridymite
- [Opal-C](#): contains cristobalite
- [Opal-AG](#): amorphous (Amorphous-Gel) (closely packed amorphous silica spheres form a diffraction grating to create [precious opal](#)).
- [Opal-AN](#): amorphous (Amorphous-Network (found as [hyalite](#)).

Transitions between opal-AG, opal-CT, and opal-C are common. Studies at low temperature show that water molecules may be organized into an ice-like structure, which includes the cubic [ice](#) modification (Eckert et al., 2015).

In the study of Lee et al. (2022) opal-AN was shown to mainly comprise as aggregates of differently-sized of nanospheres (<5 nm) that form banded features. The opal-AG studied comprised close-packed silica nanospheres, ~400 nm in diameter.

Visit gemdat.org for [gemological information about Opal](#).

AFMS Scholarship Foundation
Don Shurtz, SCFMS Executive VP



The American Federation of Mineralogical Societies (AFMS) Scholarship Foundation, more commonly known as the AFMS Scholarship Fund, exists to serve the Regional Federations, including the South Central Federation of Mineral Societies (SCFMS). The AFMS Scholarship Foundations provides two \$4,000.00 scholarships to each Regional Federation (except the Southeast Federation of Mineralogical Societies which has its own scholarship program). It is up to each Regional Federation to distribute the scholarships. Each participating Federation selects an honoree. The honoree is often a college or university Professor, but the honoree can be anyone involved in the community or education. The honoree, if associated with a college or university, selects two students to receive the scholarships. If the honoree is not directly associated with a college or university, she/he can work with a local college or university to select the scholarship winners. The major scholarship requirements are that the selected students must be graduate students working on a Master's or Doctorate degree and studying some field of Earth Science. The scholarship winners and the honoree for the SCFMS are recognized at the annual Awards Banquet during the SCFMS Convention.

The scholarships are awarded by the AFMS, but it is up to the SCFMS to select the local winners. It seems that two scholarships of \$4,000.00 each amount to a lot of money, and they are. The scholarships are funded by the Scholarship Foundation. Donations go directly to the fund – only the income from the fund is used for the scholarship awards. Each year the Scholarship Foundation holds a raffle of donated rock, mineral, or hand-crafted jewelry items with the winners drawn at the AFMS convention. Raffle tickets are sold in each local Federation; Jerrold Simpson (jsimpsonclaims@live.com) is the SCFMS point of

contact for tickets. Other sources of money for the Scholarship Foundation include memorials and donations from clubs or individuals. With COVID in place last year, most clubs did not donate to the fund. The exception was the Rollin' Rock Club (RRC), and even their donations were significantly reduced. The RRC has an unofficial meeting at most club shows in the SCFMS. At each unofficial meeting, an auction is held for a Treasure Chest. The Treasure Chest is stocked with money, rocks, mineral, jewelry, and other donations. The winner of the raffle has his name added to a hat from which the actual winner of the Treasure Chest is drawn at the Annual RRC Meeting. The Annual (and official) RRC meeting is held in conjunction with the SCFMS Convention. I would like to encourage clubs to think of the benefits of the AFMS Scholarship Fund and again start making annual contributions. Within the SCFMS, contributions should be sent to Don Shurtz who will record the information and forward it to the AFMS Scholarship Foundation treasurer for deposit.

One of the most immediate hurdles for the SCFMS is to select an honoree. I would encourage each club to take up this topic at an upcoming meeting. Surely someone is deserving in your area who would be proud to select two scholarship winners. Nominations for the honoree should be forwarded to Don Shurtz. The honoree will be selected and must name the scholarship winners in time for the honoree and scholarship winners to be recognized at the SCFMS Convention. It would be better yet if we could award the scholarships before the start of the Fall Semester (or Quarter) at the winner's college. Please forward any nominations to me at don.shurtz@gmail.com.



MEMBERSHIP RENEWAL

Annual Dues



SCFMS DUES AND INSURANCE

To SCFMS Member Clubs,

Hello all! It's that time of year again! BUT WE HAVE GREAT NEWS! A change in our Bylaws during last year's Convention allows us to reduce the amount we collect for annual insurance. To figure out payment amount, **use the NEW combined dues and insurance fillable form** posted to the SCFMS website: http://www.scfms.net/forms/2022_SCFMS_Dues_Insurance_Form_Fillable.pdf

As always, please download the form first, (do not attempt to complete within your web browser!) Fill, save, and email or print and include with your payment.

We'll be looking for your dues and insurance payment by September 30. If you plan to attend the SCFMS/AFMS Show and Convention, October 14-16, 2022 hosted by the Gem and Mineral Society of Louisiana (Yay! New Orleans!) let me know, I'll be lenient on the deadline this year if you'd like to hand your club's payment to me in person. Convention registration deadline is October 1st and you will find more information and registration form at the following link: http://www.scfms.net/convention_info_schedule_registration.pdf

Again for good measure! **Dues and Insurance payments are due by September 30.** Payment may be mailed (check payable to SCFMS or the South Central Federation of Mineral Societies) or given directly to me during the Annual Meeting in October. The mailing address is:

SCFMS
P.O. Box 836
Tenaha, TX 75974

If there has been a change in officers since Feb 1st, 2022, be sure to update contact information for your new officers via the fillable officer form at http://www.scfms.net/forms/OFFICER_FORM_fillable-saveable.pdf and submit to the SCFMS Directory Chair, Linda Simpson rockcamp_speaker@outlook.com - and always within 30 days of electing new officers so you don't miss any important communications!

Please note:

•THERE IS A NEW INSURANCE RATE, PLEASE USE THE NEW 2022 FORM!!!!

- Use membership numbers as of Sept. 1.
- SCFMS Dues and Insurance payment must be remitted no later than September 30th, 2022 or, I will allow in person payment during the October Convention.
- Your club may be dropped from Federation membership and Insurance Program if payment is not received by October 31st.
- Update any change in your Club Officers promptly.
- SCFMS Annual Convention takes place in New Orleans, hosted by LGMS October 14-16, 2022.
- Be sure you've submitted your club's Delegate Form to Liz Burford if your club is choosing to send someone other than your club President.
- Still distancing? Explore options to attend the meeting remotely with Zoom! Details to come!

Kimberly J. Brannon, SCFMS Executive Secretary
kimberlyarts@hotmail.com
225.620.5174



Austin Gem and Mineral Society
6719 Burnet Lane
Austin, TX 78757
June 6, 2022

SCFMS Newsletter, Susan Burch, Editor

Dear Ms Burch:

I would like to inform you of the Austin Gem and Mineral Society's annual show, **Gem Capers 2022**. The dates for the mineral show are **October 21st-October 23rd, 2022** at the Palmer Events Center in Austin, TX. This year's theme is fluorescent minerals.

If you have any questions about this announcement, please e-mail our Show Chair, Laird Fowler, at showchairman@austingemandmineral.org or call the club at (512) 458-9546.

Event: **Gem Capers 2022** www.agms-tx.org

Description: Gem and mineral show to include jewelry, beads, gemstones, mineral specimens, crystals, fossils, spheres, meteorites and lapidary equipment with over 30 vendors.

Location: Palmer Events Center, 900 Barton Springs Road, Austin, Texas 78704 Here is a [map](#).

Dates and Times: Fri October 21st 9 am – 6 pm, Sat October 22nd 9 am – 6 pm, Sun October 23rd, 10 am - 5 pm.

Admission Fees: Children ages 12 and under free, Ages 13-18 \$2, Adults \$8, Military ID and Seniors (60+) \$7.

Exhibits: Numerous exhibits including: members' mineral collections, the popular "Touch Table" of rocks and fossils and a fluorescent mineral display with rocks that glow under special lighting. There will be a silent auction Saturday and Sunday as well as demonstrations such as stone faceting, wire wrapping, cabbing, and fossil cleaning.

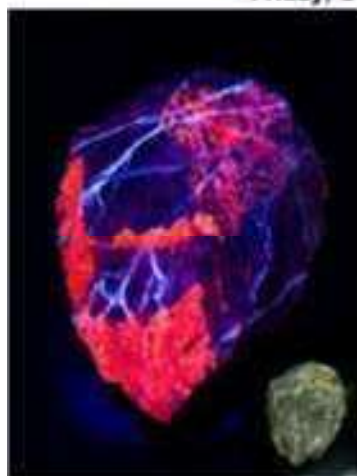
For Kids: **Wheel of Fortune** – \$1 a spin with a guaranteed prize
Gem Mine – \$1 for a set time to rummage through gravel to find polished stones to keep.
Jewelry Making – \$1 to turn a stone from the Gem Mine into a piece of jewelry.
Touch Table – free, touch rocks and minerals, see what they look like when polished
Dino Rub – free, make your own fossil impression with paper and crayons
Fluorescent Mineral Display – free, see the neon colors of otherwise plain rocks under UV light.
Friday, October 21st is Youth Education Day – field trips from various schools with learning aids

Prizes: On Saturday and Sunday – **hourly door prize drawings**, must be present to win. **Grand Prize** give away on Sunday. Ticket comes free with show entry. The winner does not need to be present to win.

The Austin Gem and Mineral Society is a non-profit, 501(c)(3) organization. Proceeds of the show support the society.

For more information about the AGMS, please visit our club website at www.agms-tx.org.

Sincerely, Laura Dow, Austin Gem & Mineral Society - Publicity Committee Member



Example of fluorescent mineral under regular ("white") vs. UV light.
Calcite and Scheelite, Campo Bonito Mine, AZ. Photos by Dr. Paul Bordovsky.



50th Annual Gem and Mineral Show!

~Press Release~

*In conjunction with the AFMS & SCFMS Annual Shows
Presented by: The Gem & Mineral Society of Louisiana, Inc
Come join your Louisiana Rockhounds for a 'ROCKING' good time.*

DATES AND TIMES:

Friday,	Oct 14	10 AM to 6 PM
Saturday	Oct 15	10 AM to 6 PM
Sunday,	Oct 16	10 AM to 4 PM

LOCATION:

John A. Alario Center
2000 Segnette Boulevard
Westwego, LA 70094

ADMISSION:

Adults: \$6.00
Students, Military and Members: \$3.00 (must present ID)

Scouts in Uniform Free
Children under 12 Free

WHAT TO EXPECT?

Dealers from Texas to Georgia will be exhibiting hand faceted gems, Louisiana opals, mineral specimens, fossils, beads and finished hand crafted jewelry, lapidary rough and slabs.

Crack your own geode, hourly FREE raffled door prizes, silent auction and TWO GRAND PRIZES will be raffled Sunday.

Society members will be demonstrating the art of silversmithing and casting, wire wrapping and cabochon cutting.

Competitive exhibits displaying unique rock collections and dinosaur bones; A fluorescent minerals tent; Cabochon cutting; Jewelry Making.

ACTIVITIES FOR THE KIDS INCLUDE:

- Surprise grab bags
- "polish your own cabochons"
- "MAKE A FOSSIL", where kids create their very own Dino-bone.
- Gem Tree Creations, a tree of gems
- Plinko Wall

OF QUARTZ THERE'S FAMILY FUN FOR EVERYONE!

The New Orleans Gem and Mineral Society of Louisiana, INC. is a recognized 501(c)3 organization, a member of the American Federation of Mineralogical Societies and South Central Federation of the Mineralogical Societies.

Mission Statement:

The Gem & Mineral Society of Louisiana, at New Orleans, is dedicated to the advancement and sharing of knowledge in the fields of Geology, Mineralogy, Lapidary, and Paleontology.

Brenda Reilly, Advertising Chair
(504) 430-4240
brendar@gmsfla.org



A Bayou Welcome

President's Letter 2022

I would like to thank AFMS and SCFMS for this opportunity to host the 2022 conventions in Westwego, Louisiana. The Gem & Mineral Society of Louisiana (GMSL) is honored to be selected to serve the Federations in this way! Additionally, I would like to express my appreciation for all who have helped make this event a success. It takes many people contributing their ideas, expertise, and energy to put a project together. There have been many individuals involved from AFMS, SCFMS, John A. Alario Center and GMSL – thank you to each one of you!

Our Society is excited that the convention will be in Westwego this year, and we believe attendance will be good and many people will learn more about the organizations that support rockhounding, geology, and the lapidary arts. During the show we believe all who participate will experience first-hand the benefits of joining our societies through the activities designed to inform and entertain at all levels of knowledge in the fields of geology and lapidary, from novice to expert.

We expect that those who travel from other areas to attend the convention will be pleasantly surprised by our friendly people, comfortable accommodations, fresh air, and amazing outdoor recreation opportunities. The convention at the John A. Alario Center is conveniently located near other towns, tourist destinations, rock hunting, fishing, museums and state park camping destinations. Louisiana is a great place to explore, and we hope you enjoy your visit and find some wonderful rocks! We look forward to seeing you at our show.

Christopher Picou
GMSL President & Show Chairman



Gem & Mineral Society of Louisiana,
INC.

P.O. BOX 52973

New Orleans, LA. 70152

2022 AFMS & SCFMS

Registration Form

October 13, 14, 15, & 16, 2022

John A. Alario Center

2000 Westwego Blvd

Westwego, LA 70094

Name(s): _____ Phone: _____

Mailing Address: _____

Name of Club/Society: _____

Check all that apply:

Federation: AFMS ___ SCFMS ___ CFMS ___ MWF ___ EFMLS ___ NFMS ___ SFMS ___ RMFMS ___

Officer: Officer ___ Chairman ___ Delegate ___ Alternate ___ Editor ___ Judge ___ Clerk ___ Other ___

Exhibitor: With Case Rental (\$10): _____ Without Case Rental: _____

NOTE: (Exhibitors must complete this form **and** the appropriate EXHIBITION ENTRY form)

Admission to the Show: Adult – \$6.00 / Student, Member, Military – \$3.00 / Under 12 – Free

WELCOME DINNER: Hosted by Westbank Grill - Fri, Oct 14, 6:30 pm. Number Attending: _____

BREAKFAST - Editors and Webmasters - (see next page for menu)

\$25.00 per person (tax/ tip incl) x Number _____ – Total \$ _____

PRESIDENT'S LUNCHEON - (see next page for menu)

\$15.00 per person (tax/ tip incl) x Number _____ – Total \$ _____

FEDERATION BANQUET - (see next page for menu)

\$50.00 per person - Buffet Style (tax/ tip incl) x Number _____ – Total \$ _____

GRAND TOTALS _____

Deadline for Advance Registration is *October 1, 2022*. Payments are *non-refundable after October 1, 2022*. Please make checks payable to GMSL and mail to Gem & Mineral Society of Louisiana, PO Box 52973, New Orleans, LA 70152. Please inquire about PayPal options as well.



The Gem & Mineral Society of Louisiana is a member of the South Central Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. As defined by tax laws that govern our nation, the IRS has determined the Gem and Mineral Society of Louisiana, INC. a 504(c) 3 Corp.





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P.O. BOX 52973
New Orleans, LA. 70152

2022 AFMS & SCFMS

CONVENTION MEALS

Welcome Dinner

When: Friday, October 14, 2022, 6:30 PM

Location: Westbank Grill, 812 Westbank Expressway, Westwego, LA 70094

The Gem & Mineral Society of Louisiana would like to invite the society members, vendors, delegates and volunteers to the Westbank Grill for comradery and a great Creole style dinner. The menu can be found at: <https://westbankgrill.com/#menu>

PRESIDENT'S LUNCHEON, EDITOR/WEBMASTER BREAKFAST & AWARDS BANQUET MENU INFORMATION

Editors/Webmaster's Breakfast

When: Saturday, October 15, 2022, 8 AM

Location: John A Alario Center Meeting Room 3

Menu:

Assorted Chilled Juices
New Orleans Roasted Coffee
Fluffy Scrambled Eggs
Applewood Smoked Bacon or Linked Sausage
Home Fried Potatoes OR Creamy Grits
Fresh Baked Biscuits
Preserves, Butter

President's Luncheon

When: Saturday October 15, 2022, 12:00 PM

Location: John A. Alario Center - Meeting Room 2

Menu:

Garden Salad, Peppercorn Ranch Dressing
Gulf Shrimp Remoulade Wrap
Hot Pressed Muffaletta Panni
Shaved Roast Beef Poboy
Bread Pudding w/ Brandy Sauce, White Choc Bread Pudding, or Choc Sin Cake



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2022 AFMS & SCFMS

(Convention Menu Continued)

Awards Banquet

When: Saturday October 15, 2022
6 PM – 7 PM Reception - Cash Bar
7 PM Dinner

Location: John A Alario Center - Meeting Room 2

Menu:

Starter: Chicken and Andouille Gumbo, Rice
Entrees: Choice of Chicken Parmigiana or Blue Crab Stuffed Flounder
Sides: Green Bean Almondine or Potatoes Au Gratin
Dessert: Bread Pudding with Brandy Sauce

Rollin Rock Club

When: Sunday October 16, 2022 9 AM

Location: John A. Alario Center - Hall C

Menu:

New Orleans Roasted Coffee
Donuts





Gem & Mineral Society of Louisiana,
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P.O. BOX 52973
New Orleans, LA. 70152

2022 AFMS & SCFMS

LODGING IN & AROUND WESTWEGO LOUISIANA

Best Western Bayou Inn – Featured Hotel

9008 Westbank Expressway, Westwego, LA 70094

504.304.7980

*across the highway from Alario Center. Please use this link to get the special rate.

https://www.bestwestern.com/en_US/book/hotel-rooms.19094.html?groupId=5S0SW7A0

Comfort Inn Marrero

6751 Westbank Expressway, Marrero, LA 70072

504.267.0701

Express Inn

7800 Westbank Expressway, Westwego, LA 70094

504.301.1969

Candlewood Suites Avondale

3079 US-90, Avondale, LA 70094

504.875.3500

Suburban Extended Stay Hotel

3051 US-90, Avondale, LA 70094

504.324.4900

Red Roof Inn New Orleans - Westbank

3750 Westbank Expressway, Harvey, LA 70058

504.348.1262

Hampton Inn & Suites New Orleans-Elmwood/Clearview Parkway Area

5150 Mounes Street Harahan, LA 70123

504-733-5646

Campgrounds and State Parks

Bayou Segnette State Park

888-677-2296



**Gem & Mineral Society of Louisiana,
INC.
P.O. BOX 52973
New Orleans, LA. 70152
2022 AFMS & SCFMS**

SCHEDULE

Show & Convention Location

John A. Alario Center
Hall C and Meeting Room 1-3
2000 Westwego Blvd
Westwego, LA 70094

<u>October 12, 2022</u> WEDNESDAY	9 am 4 pm – 12 am	Field Trip Hotel Check In	TBD (Best Western Bayou Inn)
<u>October 13, 2022</u> THURSDAY	9 am – 5 pm 9 am – 5 pm 8 am – 8 pm 9 am – 12 pm 12 pm – 1 pm 1 pm – 2 pm 2 pm – 4 pm	Exhibit Set-up Federation Delegate Registration Vendor Set-Up Uniform Rules Meeting Lunch Break Scholarship Meeting Judge's Meeting	Hall C Alario Center Lobby Hall C Meeting Room 3 Sandwiches at AC Meeting Room 3 Meeting Room 3
<u>October 14, 2022</u> FRIDAY	9 am – 10 am 10 am 10 am 6 pm 5 pm – 6:30 pm 6:30 pm – Until	Delegate Registration Show Opens AFMS Executive Meeting Show Closes Social Hour Hosted By AFMS Pres (?) Welcome Dinner	Lobby Hall C Meeting Room 3 Hall C Meeting Room 2 Westbank Grill
<u>October 15, 2022</u> SATURDAY	7:30 am 9 am * 10 am 10 am 12 pm 6 pm 6 pm – 7 pm 7 pm – 9 pm	Editor/Webmaster Breakfast SCRIBE Meeting (Mark Nelson) <i>*Immediately Follows Editor/Webmaster Breakfast</i> Show Opens SCFMS Delegates Meeting AFMS President's Luncheon Show Closes Bayou Reception Awards Banquet	Meeting Room 2 Meeting Room 2 Alario Center Hall C Meeting Room 3 Meeting Room 2 Alario Center Hall C Meeting Room 2 Meeting Room 2
<u>October 16, 2022</u> SUNDAY	9 am 10 am 11 am 1 pm 2 pm 4 pm 4 pm – 8 pm	Rollin' Rock Club Meeting Show Opens ALAA Presentation ALAA Annual Meeting ALAA Live Auction Show Close/Exhibit Release Vendor pack up	Alario Center Hall C Alario Center Hall C Meeting Room 3 Meeting Room 2 Meeting Room 2 Alario Center Hall C Alario Center Hall C

Daily during the Show there will be lectures; a schedule of events will be available near the Show entrance.



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 New Orleans, LA. 70152

2022 AFMS & SCFMS

COMPETITIVE EXHIBIT ENTRY FORM

The completed form is **due by September 14, 2022**, and it must be signed and dated.

Mail the completed form to Show Committee -

Exhibit, PO Box 52973, New Orleans, LA 70152

or **email** the completed form to showcommittee@gmsafla.org Subject line: Exhibit

Name: _____ Phone: _____

Mailing Address: _____

Email: _____ Name of Club/Society: _____

Exhibitor Group:

Master ___ Advanced ___ Novice ___ Junior ___ Society Mem ___ Junior Mem ___

Division: _____ *Exhibitor Class:* _____

There will be 24-hour building security. However GMSLA, SCFMS, AFMS, nor their affiliates assume any responsibility for loss or damage.

EXHIBIT CASE AND SPACE INFORMATION

I will use my own case: Yes ___ No ___

If using own case, its dimensions are: Width _____ Height _____ Depth _____

We offer case rentals at \$10. Dimensions are 4' wide, 2' deep, and 2' high, slanted fronts. Do you need a case provided? Yes ___ No ___

All cases will be assigned space on tables 30" high. Bring your own risers if needed. If your case has its own stand, please let us know. _____

Exhibit Set up Time: Thursday, October 13, 8am to 8pm.

By signing below, I have read the current AFMS Uniform Rules and agree to abide by them. I understand that *Competitive Exhibitors* are to be Society Members in good standing and eligible to exhibit in the stated classification according to the Rules. (The Rules are available at <http://www.amfed.org/rules/rules.htm>) I agree to leave my exhibit on display until 4:00pm Sunday, October 16, 2022.

Exhibitor Signature: _____

Date: _____

Print Name: _____

(If Junior Entry, date of birth :) _____



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2022 AFMS & SCFMS

NON-COMPETITIVE EXHIBIT ENTRY FORM

The completed form is **due by September 14, 2022**, and it must be signed and dated.

Mail the completed form to Show Committee -

Exhibit, PO Box 52973, New Orleans, LA 70152

or **email** the completed form to showcommittee@gmsola.org Subject line: Exhibit

Name: _____ Phone: _____

Mailing Address: _____ Email: _____

Name of Club/Society: _____

Exhibits provided by Club members are an important part of the gem and mineral show, and we appreciate the time and effort necessary to put an exhibit together. For the 2022 Show we are encouraging exhibitors to display rocks, minerals and/or fossils from their areas and/or present their individual lapidary skills.

Please provide a description of your display: _____

There will be 24-hour building security however the AFMS, SCFMS, or GMSL nor their affiliates assume any responsibility for loss or damage.

EXHIBIT CASE AND SPACE INFORMATION

I will use my own case: Yes ___ No ___

If I will use my own case, its dimensions are: Width _____ Height _____ Depth _____

Do you need a case provided? Yes ___ No ___ Showcase dimensions are 4' wide, 2' deep, 2' high, and slanted fronts.

All cases will be assigned space on tables 30" high. Bring your own risers if needed. If your case has its own stand, please let us know.

Exhibit Set up Time: Thursday, October 13, 2021, 8am to 8pm.

By signing below, I agree to set up my display Thursday, October 13, 2022 and leave my exhibit on display until 4:00pm Sunday, October 16, 2022.

Exhibitor Signature: _____ Date: _____

Print Name: _____ If Junior Entry, date of birth: _____



The Gem & Mineral Society of Louisiana is a member of the South Central Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. As defined by tax laws that govern our nation, the IRS has determined the Gem and Mineral Society of Louisiana, INC. a 504(c) 3 Corp.





Gem & Mineral Society of Louisiana,
INC.
P.O. BOX 52973
New Orleans, LA. 70152
2022 AFMS & SCFMS

JUNIOR CASH AWARD ENTRY FORM

A Junior is defined as an exhibitor who is at least eight years old but has not yet reached the age of eighteen years as of the opening day of the show

The completed form is **due by September 14, 2022**, and it must be signed and dated.

Mail the completed form to Show Committee -

Exhibit, PO Box 52973, New Orleans, LA 70152

or **email** the completed form to showcommittee@gmsola.org Subject line: Exhibit

Name: _____ Phone: _____ Email: _____

Mailing Address: _____

Name Club/Society: _____

Exhibit Space Required: _____

(Example: If the specimen is mounted on a piece of plastic that is 4 x 5 inches and the label is 2 x 4 inches then the exhibit will be 6 x 5 inches.)

Lillian Turner Junior Award Lillian Turner of Bethesda, Maryland donated monies to support this award. The Award will be a \$100.00 Series "E" Bond to be presented with a ribbon denoting Outstanding Junior at a ceremony at the annual Awards Banquet.

Certification: I certify that I collected and performed all work on this specimen and that I am a member of an American Federation of Mineralogical Societies (AFMS) club.

Junior Member's Signature: _____ Date: _____

Parent/Guardian Signature: _____ Date: _____

More information regarding **Uniform Rules of Exhibition** can be found on the AFMS website at:
<https://www.amfed.org/rules/rules.htm>



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P.O. BOX 52973
New Orleans, LA. 70152

2022 AFMS & SCFMS

South Central Federation of Mineralogical Societies Delegate Registration Form

Society Name _____

City _____ State _____

Delegate _____
(Please print name)

Delegate _____
(Please print name)

Alternate _____
(Please print name)

The above-named Delegates or Alternate have been chosen to represent this Society at the Annual Business Meeting of the South Central Federation of Mineralogical Societies at the House of Delegates Meeting to be held at:

John A. Alario Center
2000 Segnette Blvd
Westwego, LA. 70094

Society Secretary _____ Date: _____
(signature)

Please Note: Delegates will only be allowed to vote if their Society is in good standing (see By Law, Article X -Eligibility).

Reference: Articles of Incorporation, Article III, Membership
By-Laws, Article XII, Credentials of Delegates
By-Laws, Article XIII, Use of Proxies

This completed form must be returned to the SCFMS Credentials Committee Chair no later than One Hour before the Delegates Meeting.

If mailing prior **September 14, 2022**, mail to: **Gem and Mineral Society of Louisiana, PO Box 52973, New Orleans, LA 70152**. If after September 14, please bring this completed form with you and turn it in at the Credentials Chair Table at the John A. Alario Center



The Gem & Mineral Society of Louisiana is a member of the South Central Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. As defined by tax laws that govern our nation, the IRS has determined the Gem and Mineral Society of Louisiana, INC. a 504(c) 3 Corp.





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New Orleans, LA. 70152
2022 AFMS & SCFMS

Proxy Delegate Registration

(Society Name) _____

City _____, State _____

does hereby appoint _____

(Please print name)

as Proxy Delegate with full power to represent this Society at the annual House of Delegates Meeting of the South Central Federation of Mineralogical Societies, to be held at Westwego, Louisiana, on October 14, 2022.

Secretary: _____

(signature)

Date: _____

This completed form must be returned to the SCFMS Credentials Committee Chair no later than One Hour before the Delegates Meeting.

If mailing prior **September 14, 2022**, mail to: **Gem and Mineral Society of Louisiana, PO Box 52973, New Orleans, LA 70152** After **September 14, 2022**, please bring this signed form with you and give it to the Credentials Chair at the Credentials Check-in location.



The Gem & Mineral Society of Louisiana is a member of the South Central Federation of Mineralogical Societies and the American Federation of Mineralogical Societies. As defined by tax laws that govern our nation, the IRS has determined the Gem and Mineral Society of Louisiana, INC. a 504(c) 3 Corp.



Award-Winning Bulletins—Mark Nelson, 2021 AFMS BEAC

How do you produce an award-winning bulletin? A bulletin that members can't wait to read? When I've spoken with editors at conventions and shows, I've noted that one subject gets a lot of discussion—whether or not anyone is reading their bulletin! This October many editors will be at the AFMS Convention in New Orleans. This is a good time to take another look at the simple things we need to include in our bulletins to make them stand out in the eyes of judges and of our members! Several years ago I asked this question of long-time former SCFMS BEAC Kimberly Brannon and long-time former AFMS Editor Carolyn Weinberger, and they each provided input for this article. Essentially, the guidelines are at our fingertips! A number of very knowledgeable and talented professionals gathered together over the years to identify what features needed to be present in a hobby bulletin to make for an effective publication. They used this set of features to develop criteria by which bulletins could be judged. At the AFMS Convention in New Orleans this October, we will see a number of very good bulletins which will win top prizes! What makes these bulletins so good? They met or exceeded the criteria! YOU can improve your bulletin to award-winning status by making sure that your bulletin has the items on this checklist : - neat and attractive - bulletin title, club name, city, state, publication date on cover or front page AND on every page - return address on outside mailing cover - editor's name & contact information - club officers, club address or contact info, dues, purpose, club federation - date, time, place of regular meeting - pages numbered (except for cover page), dated and containing the bulletin name - headings, margins, white space, spacing good, neat and clean - orderly & interesting arrangement of subjects - spelling & grammar acceptable - all articles credited to writers/publications - info/articles appear correct—good use of illustrations, graphics, maps, club logo, cartoons, etc. - variety of material that fulfills the needs of this club - no apparent copyright violations - club programs announced, previous program reviewed - highlights of minutes of last club meeting - committee/board meeting reports, president's message

- field trips, workshops/classes, community/federation projects announced, reported - coming events or calendar of club activities - events/shows/news of other clubs - news of members - American Federation news - club's Regional Federation news - articles that are educational, hobby-related - articles of hints & tips, safety info, book reviews, humor, etc. as appropriate to your club - original articles & items submitted by club members - articles from exchange bulletins and/or other sources This isn't difficult, but the results make a bulletin so much more professional and effective! You can refer to this checklist yourself by going to the AFMS website (www.amfed.org). Then, at the very top of the home page is a little blue tab called Site Map. Click on it and look down at the third bullet (Bulletin Editors' Contest). Scroll down and click on the tenth listing (editor/BEAC/Forms/FillableBulletins.pdf). There you will see the things that you will include in your bulletin to make it both interesting and an award-winner! Please contact your Federation BEAC or me for questions! Email me at mnelsonair@aol.com



Mark Nelson
2021 AFMS BEAC

Editors' Forum – At the 2022 AFMS Convention in New Orleans S.C.R.I.B.E. (Special Congress Representing Involved Bulletin Editors) will host a bulletin editors forum. This will be a short (less than an hour) opportunity for editors of rock and mineral bulletins to exchange ideas of things they find successful, and to ask other editors what tips they might have to make bulletins more interesting, overcome software issues, what support they have or need from club leaders and anything else of interest to an individual editor! Editors are encouraged to print extra copies of their club's bulletin to put on the exchange table, and editors who would like to start an exchange group will be able to list their emails, name and club at this event!. We talked about doing this sort of idea exchange at the AFMS Convention in Albany, Oregon, and I encourage your ideas to make this meaningful to YOU!

**DEADLINE FOR THE
NOVEMBER-DECEMBER, 2022 NEWSLETTER IS
OCTOBER 20, 2022**

Queen Elizabeth's Seven Timeless Gems

Queen Elizabeth II's seven most memorable gemstones span her seven decades as monarch. Whether large, colorful, expected or sentimental, they are exceptional. Read more at <https://www.rockngem.com/queen-elizabeth-seven-timeless-gems/>

Queen Elizabeth II

April 21, 1926 – September 8, 2022

<https://www.bbc.com/news/uk-61605149>



IN MEMORIAM

IRENE STEMPLE

February 28, 1934 – January 9, 2022

Irene Stemple, a sustaining member of the Fort Worth Gem and Mineral Club for over 50 years, passed away Sunday, January 9th. Irene was very involved with the club. She held offices - Program Chair, Newsletter Editor, President; and many 'unofficial' positions - organizing show exhibits, leading field trips, teaching children's classes and teaching adults how to cut and polish stones. Many of us fondly recall her leading the carols at the holiday party. In her last few years as an active member, she became known as the 'brownie lady' for the sweet treats she brought to the meetings.

When the Stemple family moved to Fort Worth in 1967, Irene quickly made fossils her main rock-related focus. Most of her time was spent raising five children. She wanted to use her Master's in Physics and became a Saturday-morning science teacher at the Children's Museum (now the Fort Worth Museum of Science and History). Later she taught both geology and basic science at Country Day School, TCJC and TCU. While at the Children's Museum she was introduced to lapidary. When I-360 was being built she found that the area had Woodbine Ammonites. Ammonites soon became her calling-card, and she became known as the 'Fossil Grandmother'. She has rock hunted all over Texas and many other states and countries. She and her husband, Norman, loved to travel...actually visited all seven continents.

Irene's true passion was field trips. She was always ready to go collect fossils and had great fun joining TCU geology students on a month-long trip out west. She loved digging in the dirt. She has been a great inspiration to members, young and old. She will be truly missed. Our hearts go out to her daughter, Trisha Dianne and the rest of the family.

Services for Irene were held Monday, January 17th, 2022 at St. Demetrios Greek Orthodox Church, Fort Worth, TX.



Moldavite Sudoku Puzzle

A Sudoku puzzle can be made using **letters instead of numbers** as long as the word chosen is nine letters long where each letter is distinct. I created a puzzle for the May Breccia using the mineral, Scapolite. This puzzle will use **Moldavite**. Give this puzzle a try if you are a Sudoku fan or even if you are not. These are the rules:

Rule 1: Each row must contain the letters **MOLDAVITE** without repetitions.

Rule 2: Each column must contain the letters **MOLDAVITE** without repetitions.

Rule 3: There are nine blocks; 3 down and 3 across and the letters **MOLDAVITE** can each only occur once in each block.

Rule 4: Every block, row, and column must have every letter in **MOLDAVITE**, and no letter should occur more than once.

Hint: M=1, O=2, L=3, D=4, A=5, V=6, I=7, T=8, and E=9.

O	T		M			I		
D					L			
E	A							
		D	E			L		O
V	O			T			D	A
A		E			O	T		
							V	D
			O					I
		O			D		T	



FUN ACTIVITIES WITH YOUR KIDS

We're back! Please, forgive the lack of a newsletter, there were several issues in play including computer and software difficulties. Although there has been a long break this year, I'm picking up where we left off with the 'Geology Lab For Kids' series by Garret Romaine. Personally, I've not had a chance to build my own volcano but have always been fascinated by the thought.

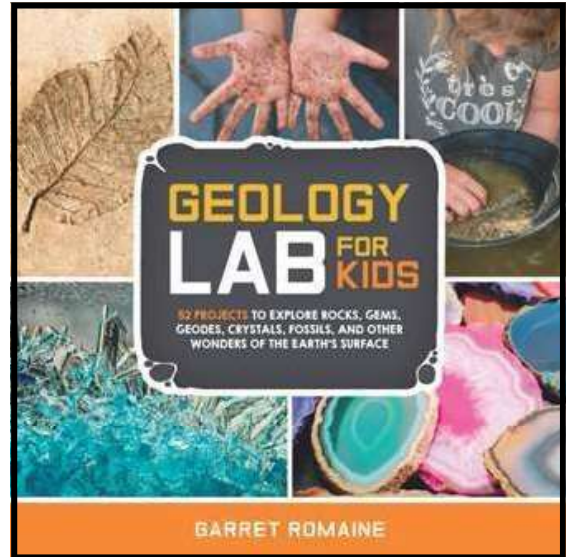
It is with strong suggestion the following project would best be adult supervised, especially if attempted by younger children. There is little enough time we can spend with our children not to take advantage of the great projects outlined in this series.

Above all, enjoy yourselves, stay safe, and have fun,
Susan Burch, SCFMS Editor



LIVING WITH LAVA

Now that we understand a little about minerals in their crystalline form, we'll turn to some of the ways that the Earth uses minerals to create new rocks. Igneous rocks are the most dramatic way the Earth builds up its crust, usually in the form of lava flows and ash clouds. Geologists refer to lava as an extrusive rock, because it moved from inside the Earth to outside. Thus, extrusive rocks came out of the Earth. We'll talk later about the other kind of igneous rock, intrusive rocks that cool before they erupt from inside the Earth. There are three main kinds of lava: basaltic, andesitic, and rhyolitic. Basaltic lava can be runny and form long flows that cover hundreds of miles or fill in gullies and valleys and end up several hundred feet thick. Andesitic lava tends to build up mountains, like in the Andes chain of South America. Rhyolitic lava is sometimes explosive, forming dangerous eruptions. All three help build up the Earth, but at this stage, you can use the term lava to mean simply "hot, flowing rock." In these labs, we'll look a little closer at igneous rocks and learn more about their features.



Reprinted with permission from Author, Garret Romaine. Please, include the link below.

<https://www.amazon.com/Garret-Romaine/e/B0037187T8>



The traditional volcano lab involves baking soda and vinegar, but that's not really a geology lab; it's a chemistry lab. In this experiment, you'll build your volcano the old fashioned way: one lava flow at a time.

MATERIALS

- Small paper flower pot with a hole on top
- Several bottles of white glue or bottles of colored 3-D fabric paint
- Food coloring



Safety Tips

- Don't get glue in your eyes, in your hair, or on your clothes.
- Don't squeeze the glue bottle too hard or you'll have a real eruption!

PROTOCOL

STEP 1: Select a paper flower pot with a hole in the bottom. You can arrange it on a board or piece of cardboard when you finish. You can use other forms for your mountain, such as Styrofoam shapes.

Continued on Pg. 18

Continued from Pg. 17

STEP 2: Prepare your lava sources (glue or 3-D fabric paint). If you are using white school glue, open the bottles and squirt a bit out. Then mix in plenty of drops of food coloring and stir or shake it up. Try to get at least three different colors for your lava. They can be realistic (dark brown, black, and gray) or you can choose a rainbow of colors.



STEP 3: Take turns reaching under the cone and squirting out lava from inside the flower pot, so that it flows down the flanks of the volcano, just like a lava flow. Let each flow dry for a few minutes before adding the next layer so they don't mix.



STEP 4: Work your way around and make sure the mountain is covered very well. When it starts to get messy, you can simply drip your flows from the top.



THE SCIENCE BEHIND THE FUN

Volcanoes are the best understood source of igneous rocks. If you have looked volcanoes up online, you probably read about the 1980 eruption of Mt. St. Helens, which did not show us very much lava. Instead, Mt. St. Helens erupted with a giant ash cloud, as the lava inside rushed up and mixed with air too quickly to form puddles of hot lava. This happens more often than you think, and these explosive eruptions are very dangerous. Volcanologists—geologists who study volcanoes—call these kinds of mountains stratovolcanoes. These are usually snow-capped, nicely shaped, and pretty to look at, such as Mt. Fuji in Japan or Mt. Shasta in California. Usually we get big lava flows from what's called a shield volcano, such as those in Hawaii. Hot lava pours out of these volcanoes in flows that sometimes go on for years, creeping along the ground and burning up everything in their path. Did you know that it is against the law around the world to try to interfere with a lava flow by building trenches, walls, or dams? Other types of volcanoes that give us lava are called cinder volcanoes. They throw out a lot of ash and cinders, and build up a cinder cone. They are usually smaller and may build up on the slopes of a bigger volcano. Cinder cones also tend to come in clusters, with numerous little buttes and cones in a group.



Creative Enrichment

1. You can add some water to one of your glues to make it runnier.
2. If you want your mountain to look more realistic, try adding modeling clay or plaster of Paris to make a good crater at the top before you start.



SMALL PARTS CONTAINERS—I'm always on the lookout for small containers to use for holding all those little parts and tools we deal with in making jewelry, especially since I'm always traveling to classes and workshops.

My latest find are some plastic vials about 15 mm in diameter and 75 mm long. Best part is they are free. The vials are used in the doctor's office to draw blood samples. They cannot be used after their expiration date and are thrown out. On my last doctors visit, I asked the nurse if they had any expired vials. She replied "How many do you want?" and tried to give me 400 of them. (We settled on 200).



The ones shown above are called "Vacutainers", but there are probably many other names. They're clear plastic with a rubber stopper and a paper label all ready to write on. I find them really handy for small parts like jump rings, prong settings, small drills, nuts & bolts, faceted stones, and precious metal filings.

FINISHING PIERCED PATTERNS—After sawing patterns there's always a little cleanup to do, and the smaller cutouts can be a challenge. Needle files (7-8 inches) can get into the larger areas, and escapement files (4 inches) can get into some of the corners.

But I often find myself wanting even smaller files. I couldn't find them, even at a watchmaker tools supply company, so I had to try something else. I ended



up grinding down the tip of a small 4" barrette file using a separating disk (or cutoff wheel) in your Dremel or Foredom.

Be sure to wear your safety glasses when using this tool. A flake of

steel in your eye makes for a bad day.

Just a note - my rock club's Fiesta of Gems Show last week went really well thanks to all our great members who turned out to do the work it takes to set up the facility and put on the event despite a growing wave of Covid that almost shut us down at the last minute.

As your club starts planning their meetings for the coming months, please let your Program Chair know that I can provide 45-90 minute online presentations on topics such as:



Bench Tips for the Jewelry Shop

Maintenance, Modification, and Making Your Own Tools

Sand Casting for Jewelry Making

Choosing the Best Tool Bits for Foredom and Dremel

Direct Casting Methods for the Home Shop

Making Your Own Design Stamps for Jewelry

20 Ways to Add Texture Without Heavy Equipment

Wishing you a great summer,

- Brad Smith

BradSmithJewelry@gmail.com

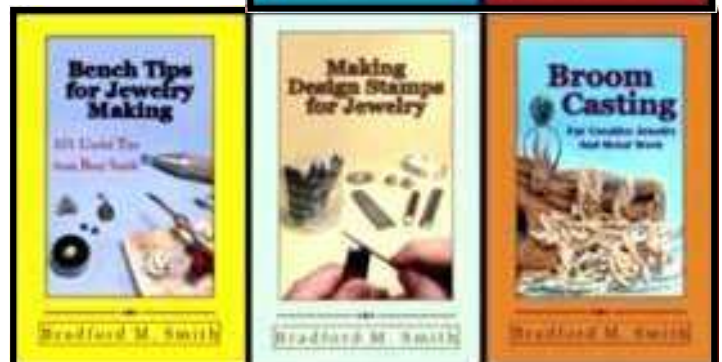
If you enjoy these tips on jewelry making, take a look at the sample chapters from:

> Bench Tips 1 - <http://amzn.to/1Z6hQ06>

> Bench Tips 2 - <http://amzn.to/2KCygh4>

Please, check out more Smart Solutions for Your Jewelry Making Problems:

Amazon.com/author/bradfordsmith



UPCOMING SHOWS

October 1-2—CABOT, AR, Central Arkansas GM&GS, Cabot Event Center.

October 8-9—FORT WORTH, TEXAS: Annual Show, Cowtown Gem Mineral and Glass Club, CERA 1300 Bryant Irvin Road, Forth Worth, TX

October 8-9—TEMPLE, TEXAS: Annual show; Tri-City Gem and Mineral Society; Mayborn Civic and Convention Center, 3303 N. 3rd St.

October 14-16—WESTWEGO, LA, G&MS of Louisiana, The John A Alario Event Center. SCFMS & AFMS Show and Convention

October 21-23—AUSTIN, TX, Austin G&MS, Palmer Events Center

November 5-6—AMARILLO, TX, Golden Spread GM&TS, Amarillo Civic Center Complex

November 11-13—HUMBLE, TX, Houston G&MS, Humble Civic Center

November 19-20—MESQUITE, TX, Dallas G&MS, Mesquite Convention Center

NOTICE: Due to Covid-19, there still may be clubs and societies who are being extra cautious. Please, be sure to double check to see if a club is still holding their events before attending.

Linda Simpson



To those who helped make this issue possible...

Roger Burford
Don Shurtz
Kimberly Brannon
Laura Dow
Brenda Reilly
Christopher Picou

Liz Burford
Mark Nelson
Garret Romaine
Brad Smith
Linda Simpson