



CLUB NEWS

SEPTEMBER 2025

SEPTEMBER CLUB MEETING

Sept. 13 at 9 AM

Lake Georg Charter School

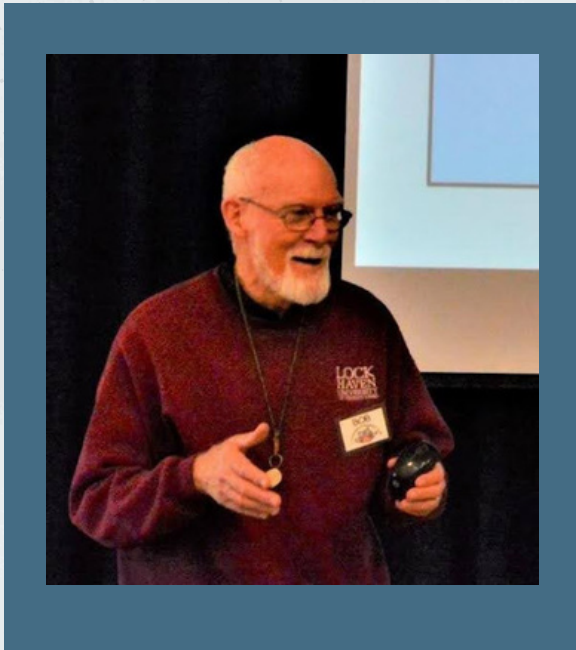
Bob Carnein presents

Gemstones Found in

Volcanic Rocks

Volcanic rocks are very common on Earth's surface, but, for various reasons, gemstones are not common in volcanic deposits. This talk will consider what kinds of volcanic rocks are likely to contain gemstones and why. We will first look at the "precious" gems and then some "semiprecious" gems that have volcanic origins. We'll also explore where you can find some of these volcanic gems in Colorado and elsewhere in the U.S.

Bob Carnein has a Ph.D. in geology from Ohio State and taught mineralogy and other geology courses at Waynesburg College and Lock Haven University, in Pennsylvania. He has collected minerals since he was 12 and specializes in crystallography and twinned crystals. Until 2 years ago, he had been Newsletter Editor of the Lake George Gem & Mineral Club for 15 years. He, his wife Nell, and cat Moby live near Divide.

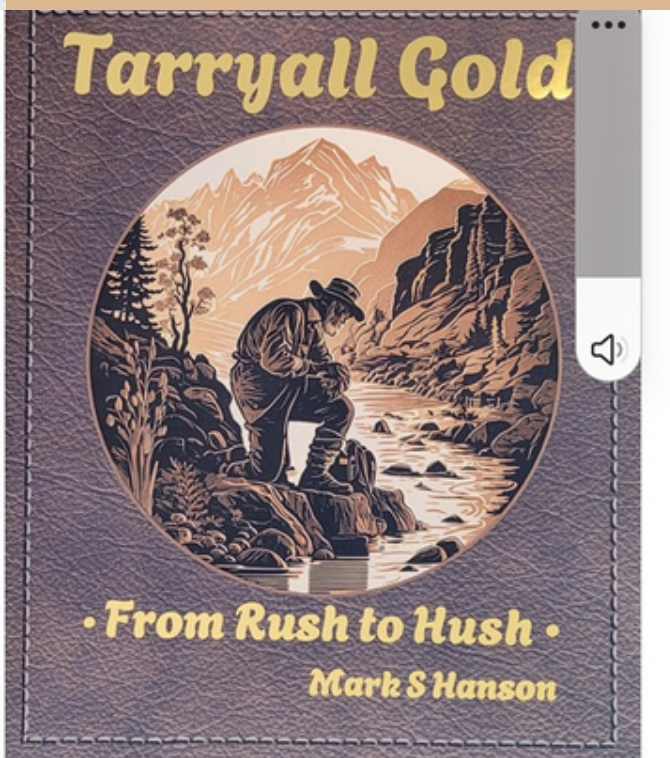


2025 ANNUAL LAKE GEORGE GEM & MINERAL SHOW A GREAT SUCCESS!



The annual Gem & Mineral Show was a wonderful success! Thank you to everyone who donated, volunteered, shared knowledge, took photos, and stopped by. Looking forward to 2026!

IT'S SHOW TIME!



Colorado Scientific Society 2025 Past Presidents' Dinner

At the Mount Vernon Canyon Club, Golden, CO, on Thursday, September 18, 2025.

All are welcome to attend; however, reservations are required.

<https://coloscisoc.org/past-presidents-dinner/>

Tarryall Valley: Gold, Glaciers, and Giants

Mark S. Hanson, Senior geologist and historian Mark profiles the miners, mines, cabins, and their resulting patina on today's Tarryall Valley. A resident and owner of several patented gold claims, Mark peels back 160 years of rust and reforestation to reveal a time capsule showcasing yesterday's rush, and today's hush.

- Sept. 4–12: Hard Rock Summit Denver
 - The Lake House Westin at the Westminster
 - HardRockSummit.com
- Sept. 5–13: Colorado Mineral & Fossil Fall Show
 - Delta Hotels Denver, Northglenn
 - Coloradomineralandfossilshows.com
- Sept. 5–14: Denver Mineral, Fossil, Gem & Jewelry Show,
 - National Western Complex & Coliseum
 - Denver.show
- Sept. 20–21: Grand Junction Fall Rock Show
 - Mesa County Fairgrounds

Annual LGGMC Claim Reclamation & Dig Day!

Mark your calendars for the joint reclamation and prospecting trip with the Denver Gem and Mineral Guild. [Sign up now online!](#)

Meeting Place: Deckers Corner public parking lot

Meeting Time: September 27, 2025, at 9:00 AM

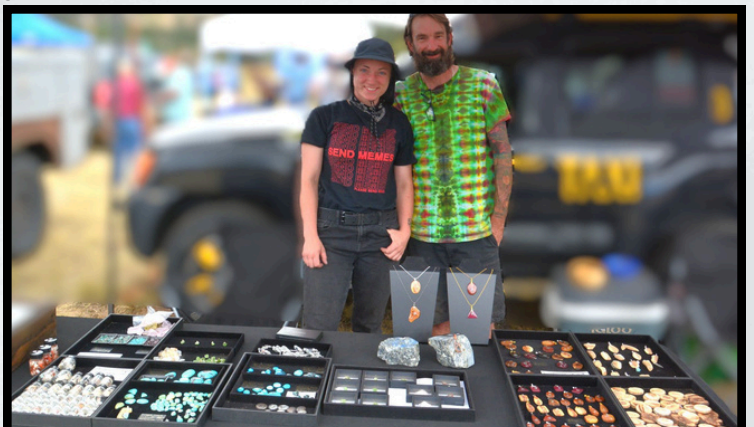
Trip Leader: Dave Bruess (936) 443-3393

2025 LGGMC SHOW

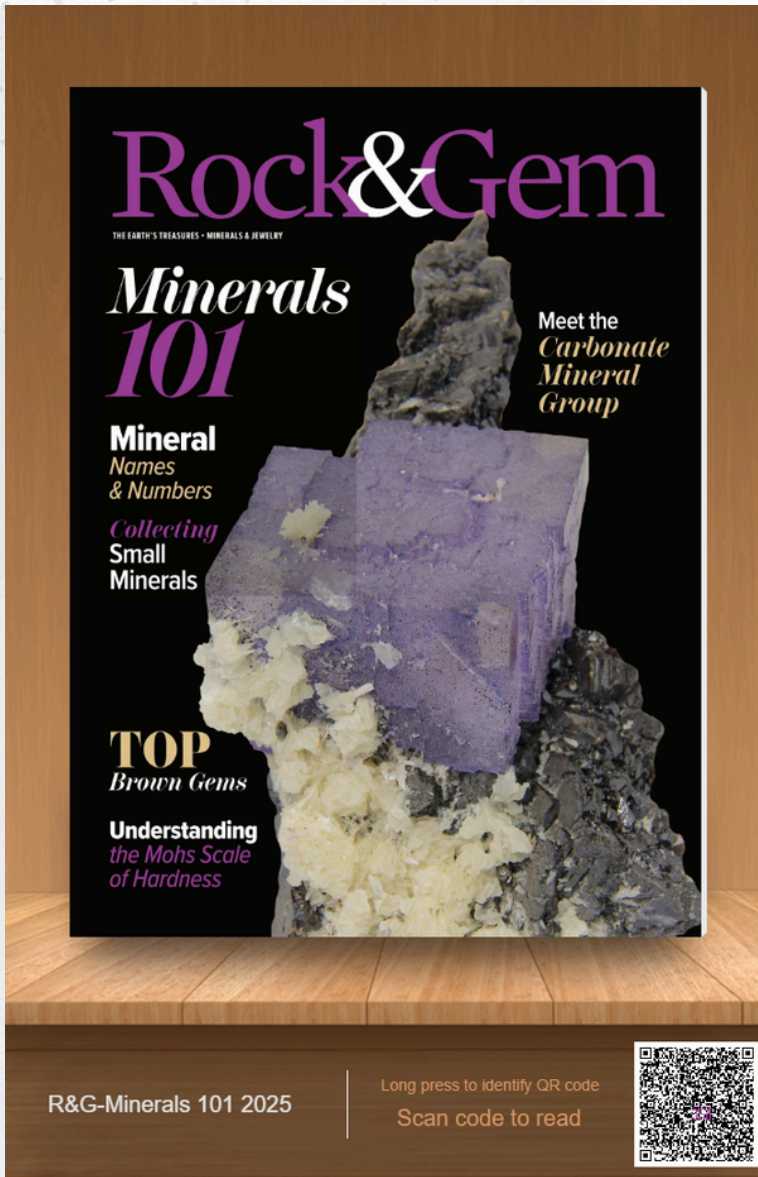
Thank you vendors!

RMFMS Meeting Notice

The Rocky Mountain Federation of Mineralogical Societies (RMFMS) will hold its meeting later this month. This gathering brings together clubs across the region to share updates and plans for the year. See the September RMFMS Newsletter for full details.



READ ALL ABOUT IT!



2025 LGGMC Show!

**Your FREE
Minerals 101
eBook is Here!**

**Download For
FREE**

**Or...
Just Scan the
QRcode**



Dragon Minerals – New Mineral Cleaning Book Now Available
Steve Hardinger's self published book is "THE book on cleaning mineral specimens..." according to Bob Carnein. Mineral Specimen Cleaning and Development for the Amateur (330 pages). \$42 (pdf; 30 MB) or \$55 (print) plus applicable shipping and sales tax. Note: Images in the pdf version are better than in the print version. To order send an email to steve@dragon-minerals.com. More sample pages can be found at www.dragon-minerals.com.

READ ALL ABOUT IT!



Image created by the author using AI.

Bench Tips By Brad

RAISING A CABOCHON

When a cabochon sits too low in a bezel, the bezel hides a lot of the stone. The solution is to either sand down the bezel height or boost up the stone. But if you choose to raise it up, the question is what's the best material to use ?

I was taught to use fine sawdust but now think that might be a problem when used in rings. I reason that rings will frequently get wet, which would cause the sawdust to swell in size and push the stone against the bezel. Then when the sawdust dries out, the stone would be a little loose.

A better approach is to insert a flat sheet to boost up the stone. It can be a scrap of metal or some plastic from product packaging or old credit cards. In either case, just cut a piece to loosely fit into the bezel and drop in the stone (with some dental floss) to check its height.

A Warming Earth

Snowmelt seeps into the ground;
yet the forest struggles.
Moss clings to granite, its grip
loosens with each season.
Lichens die.

Silent stones whisper stories
of ancient times and vanished worlds.
Fossils in rocks show life shifts, falters,
and edges toward its endgame
or a new beginning.

We turn away, indifferent,
From warnings
as the climate fractures
around us.
The night unravels,
stars slip away.
So little time
is left
for us.

—Steven Wade Veatch



[See More of Brad's
Smart Solutions
for Jewelry Making](#)

Happy hammering,
Brad Smith

BradSmithJewelry@gmail.com

ROCKS ROCK!

Monthly Mineral Quiz

Monthly Mineral for September, 2025 (Carnein photos)



It's hard to believe that, in 80 months of monthly minerals for the LGGMC newsletter, this common mineral has not appeared before. Anyone who collects minerals in central Colorado has probably encountered it—some of the finest crystals in the world occur in our local pegmatites. It's a very hard, tough mineral with only one perfect cleavage, so it makes a great gemstone. Its color varies widely, but blue and "champagne" colors are favorites. Unfortunately, some colors fade in sunlight. Other colors (especially blue) are often produced artificially by irradiating pale or colorless crystals. Some gem deposits are found as placers, thanks to its hardness and toughness. FYI, the specimen on the left, above, came from a famous find by a LGGMC member about a decade ago. Crystals on the right came from a famous locality in Utah. What is this common, important gem mineral?



Onyx Gemstone: A Field Guide Overview

Onyx is usually referred to as the black-and-white banded variety of cryptocrystalline quartz. The banded brown and white agate, however, is usually referred to as sardonyx and is a birthstone for August. Happy late birthday!

8 Must-Collect Green Rocks

From emeralds to chrome diopside, green rocks come in a wide range of hues and hardness, and these eight green stones deserve a spot in your display. Discover what makes them stand out and which ones experts say are often overlooked.



LAKE GEORGE GEM & MINERAL CLUB

About Us

The Lake George Gem and Mineral Club is a group of people interested in rocks and minerals, fossils, geology and history of the Pikes Peak/South Park area, Indian artifacts, and the great outdoors. The Club's informational programs and field trips provide opportunities to learn about Earth Science, rocks and minerals, fossils, lapidary work, jewelry making, and to share information and experiences with other members. Guests are welcome to attend, to see what we are about! The Club is geared primarily to amateur collectors and artisans, with programs of interest both to beginners and serious amateurs. The Club normally meets on the second Saturday of each month at the Lake George Charter School gym, located on the south side of US Highway 24 approaching the town of Lake George from Florissant. A link to a map of the meeting location is provided on the sidebar under "Contact Us". Between Oct – Mar, our meetings start at 10 AM. From Apr-Sep, our meetings start earlier, 9 AM, to allow for more time for any subsequent field trips.

Club Officers

President Dave Bruess david@bruess.me

Vice President Bart Zobel bezobel@gmail.com

Secretary Steve Kahler pipprophet@gmail.com

Treasurer Karen Vogl bigmabe@hotmail.com

Newsletter Editor Angela Wilson AngelaWilso@gmail.com

Field Trip Coordinator Corey Miller corythevaulter@gmail.com

Show Coordinator Carol Kinate kinatec@aol.com



2025 LGGMC Show!