

Flatirons Mineral Club Coming Attractions August and September, 2021

Annual Club Picnic - Saturday, August 21

Once again, this year's annual picnic is at Harlow Platts Park, the same place as previous picnics. The Park is located just south of the South Boulder Recreation Center at 1360 Gillespie Drive, Boulder, 80305. The picnic starts at 11:00 am.

Folks with last names beginning with A-M are asked to bring a covered dish and folks with last names beginning with N-Z should bring a dessert. BBQ sandwiches and beverages will be provided by the club.

At the picnic, we will honor our Rockhounds of the Year. This year's recipients will include both an adult and a junior Rockhound of the Year. Winners of this year's regional and national newsletter contests will receive their awards at the picnic.

Jr. Geologists: We will work on the Maps Badge and the picnic. We will also have badges for those of you who have completed badges, but have not received them.

Plan to join us for a fun Saturday.

Horton Rock, Mineral, and Lapidary Equipment Sale - August 6 and 7

Ray and Dorothy Horton were mainstays of the Flatirons Mineral Club for many, many years. Now the Horton family is selling their extensive collection of rocks, minerals, and equipment on August 6th and 7th, from 9:00 am to 4:00 pm each day. The sale is at the Horton residence, located at 3738 61st Street in Boulder. See the flyer on page 2 for more information.

Field Trips

Additional field trips are in the planning stage, including a chance to learn about placer gold mining and to try your hand looking for that elusive gold nugget. Other trips are also in the works. Watch your email for announcements about these trips, once plans are finalized.

Jr. Geologists

Be sure to come to the club picnic on Saturday, August 21, where we will work on the requirements for the Maps Badge. In addition, other Jr. Geologists activities are being planned. Details will be emailed to all of the Jr. Geologists families, once these plans are finalized.

If your family would like to join us and you are not on the Jr. Geologists' email list, please contact Dennis at gertenbach1@gmail.com to have your name added.



Ray and Dorothy Horton's Rock, Mineral, and Lapidary Equipment Sale

a lifetime of collecting

Friday and Saturday, August 6 and 7, 2021
9 AM to 4 PM
3738 61st Street, Boulder, CO

Lapidary equipment; rock saws, faceting machines, microscope, cabochon machine, and etc...

Rock and mineral specimens, cutting rough, petrified wood, fossils, agates, obsidian, turrutella agate, and many other treasures collected by the Hortons in their lifetime.

Something for everyone!



In-Person Club Meetings Starting October 12

Beginning this fall, we will be back with in-person club meetings starting October 12. For our first face-to-face meeting in over a year and a half, we will have **Dana Hauschulz** presenting “The Wreck of the Edmund Fitzgerald & Banded Iron Formation”. The Edmund Fitzgerald sank in 1975 carrying a load of iron ore made from a deposit of Banded Iron Formation (BIF) mined near Lake Superior. The talk diverges from the tragic sinking of an ore freighter to follow the geologic origins of BIF, only to find that an even greater tragedy resides buried in the rock record from over 2 billion years ago. Banded Iron Formation is found all around the world and is connected to the irreversible rise of oxygen in the atmosphere known as “The Great Oxidation Event”. The rise of oxygen leads to an ice house “Snowball Earth” climate disaster. However, single cell carbon-based life does survive, thereby paving the way for the evolution of multicellular life, such as may be found listening to this story of double tragedy and genetic survival.

Be sure to mark your calendar, so you won't miss this interesting talk.

Denver Gem and Mineral Show - September 16-19

The 53rd Annual Denver Gem & Mineral Show is coming this fall to the Colorado Convention Center! The 2021 theme is Fluorite.

This year, the show is being held in conjunction with the all-new Hard Rock Summit, an umbrella concept that will host not just the not-for-profit Denver Gem & Mineral Show, but also a high-end mineral show, as well as a gem and jewelry show that will include the AGTA.

The Hard Rock Summit will include exhibits, speakers, and a whole lot of dealers. Mr. Bones will be on hand for photo ops, and the new show will include perennial favorites like geode cracking by DeNatura (fee activity) as well as free gold panning, club demos, and our famous fluorescent room.

Volunteer for the Show. Volunteers are needed to help at the show to make it happen. Club members are needed at our club table, which will feature games for kids and information about our club. Additional volunteers are needed for display case set-up and tear down, demonstration area, information booth, volunteer sign-in table, badge and ticket checkers, dealer unloading/drop off area, loading dock, and selling grab bags/pins/posters. To learn more about these jobs and to sign up for a time to help, see <https://www.signupgenius.com/go/4090D45A5AD2EA2F94-denver>.

Exhibit at the Show. Display cases are available for club members to showcase specimens in their collections (does not necessarily need to be fluorites). Contact Larry Havens at lwrnchavens@comcast.net if you are interested in putting together a display case in show.

Other Rockhounding Events and Activities in the Area

Here are upcoming activities of interest to rockhounds of all ages. Thanks to Pete Modreski for information about many of these.

- **August 12-15 (Thursday-Sunday) Buena Vista Contin-Tail Gem, Mineral & Fossil Show** at the Buena Vista Rodeo Grounds; no admission charge.



Fluorite on Orthoclase with quartz, 8.8 cm tall, Erongo Mountains, Namibia
John Lucking collection, Jeff Scovil photo

- **August 19-22 (Thursday-Sunday)**, 9 a.m.– 5 p.m., **Woodland Park Rock, Gem and Jewelry Show**; 19250 E. US 24 (between Walmart and Safeway), Woodland Park; no admission charge.
- **August 20-22 (Friday-Sunday)**, 9 a.m.– 5 p.m., **21st Annual Lake George Gem & Mineral Show**, Highway 24, Lake George, CO; no admission charge. Hosted by the Lake George Gem and Mineral Club.
- **September 10-13 (Friday-Monday, “2021 Just Minerals and Crystals Event-Denver”**. Friday 2-9 pm; Saturday and Sunday 10 am-6 pm; Monday, 10 am-5 pm. “Not fossils, jewelry, or supplies - just natural crystal and mineral specimens and gems.” Moving the location this year to the ballrooms of the Marriott Denver Airport at Gateway Park, 16455 E 40th Circle, Aurora. Just a minute from the Crowne Plaza lot; turn right on 40th St. then right at the first traffic light. This event is open to the public with wholesale pricing to all. Some dealers will also have some of their regular retail items.
- **September 10-18 (all week), Colorado Mineral and Fossil Fall Show** at the Crowne Plaza Denver Airport Convention Center, 15540 E. 40th Ave., Denver. No admission charge; see www.coloradomineralandfossilshows.com.
- **September 10-18 (all week), JG&M Expo Denver Show**, at the Clarion Hotel, 200 W 48th St., Denver; open to the public, free admission. Jewelry, gems, minerals, crystals, fossils, beads.
- **September 10-19 (all week), National Western Complex Denver Mineral, Fossil, Gem & Jewelry Show**. 10 am - 6 pm daily; no admission charge; on the north side of I-70 at Exit 275-B, Brighton Blvd.