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# News from the Littleton Gem and Mineral Club!

October Program: [Colorado's newest mass extinctions](#)

Speaker: **James Hagadorn**

Time and Place: Friday, October 20<sup>th</sup>, 7:30 PM

Columbine Hills Church, 9700 Old Coal Mine Avenue, Littleton, CO 80123



Colorado's sedimentary record likely warehouses three of earth's five mass extinctions, including the end-Devonian, Permian-Triassic, and Cretaceous-Tertiary events. Although the K-T is well known, the end-Devonian and P-T have been more challenging to identify in outcrop and in core. Recent stratigraphic, geochemical, and paleontological work in Dyer and Lykins Formations reveals the signatures of these two events, tracks them across Colorado's depositional basins, and hints at an untapped record of unusual environments, faunas, and signals across these intervals of time.

**James Hagadorn** is the Tim & Kathryn Ryan Curator of Geology at the Denver Museum of Nature & Science. With interests in deep time and rocks, he has enjoyed getting to know Colorado's spectacularly-exposed geology. An established scientist and steward of collections, James also reaches out to the community whenever possible to help illustrate how science and scientific thinking are relevant to everyday Coloradans. You can read his syndicated monthly science newspaper column, Just the Facts, or follow him on Instagram (jwhagadorn), Twitter (@JamesWHagadorn), Facebook (JWHagadorn) or at <http://www.dmns.org/james> And be sure to check out [coloradostratigraphy.org](http://coloradostratigraphy.org)!

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## Voting for the Odiorne Award

For those who may know not know, the club has 3 contests that we vote on at the October meeting.

1) The **Odiorne** award is the best specimen collected from the field by an LGMC member since the previous October. Any collected natural material, crystals, agates, faceting material and fossils are eligible for entry. No distinction will be made between specimens collected on private, federal or on a fee-only site. The winner is announced at the December meeting. The winner receives a patch for their club vest, and a \$50 cash award, and they get to sign the travelling trophy, which is a copy of Tom **Odiorne's** book, *Colorado Amazonstone, the Treasure of Crystal Peak*.

The Odiorne Award is announced at the December meeting.

- 2) The best mineral purchased from one of the September rock shows for \$20 or less, and  
3) The best mineral purchased from one of the September rock shows for any price.

Of course the Denver Gem and Mineral Show at the Merchandise Mart would have been the best place to purchase anything. Nevertheless, that is not a rule.

Those 2 recognitions are announced at the end of the October meeting as soon as the results are tallied.

The winners for #2 and #3 also receive a tangible award of \$20. The competition is keen, and the acclaim is beyond value. May the best specimens win.

# In Memoriam - James (Jim) F. Hurlbut - 1920-2017

They were called the "Greatest Generation." Remembered most for their sacrifices in WWII and their efforts to rebuild a post-war world, they were so much more. Children of the Great Depression, they understood the values of home, family, country and striving for the best their talents would allow. My friend Jim Hurlbut was all of these things.

Jim was born and grew up in the little town of Antigo, Wisconsin. He went on to begin degree work in physics at the University of Wisconsin, at Madison. In 1941 he received his private pilot's license and joined the US Navy and flew seaplanes in the Pacific Theater carrying cargo and personnel from California to Hawaii, Guam, New Zealand and Australia.

In 1944 Jim met and married Bette, and when the war ended, he returned to the university to complete his studies. It was during this period that he began his life-long involvement with minerals.

Jim managed several Los Alamos National Laboratories and USAF projects while working at the University of Denver Institute of Research. Not long after in 1956, Jim formed his own company selling electronic instruments and process components, adding geophysical instruments in 1964. His son David runs the company now.

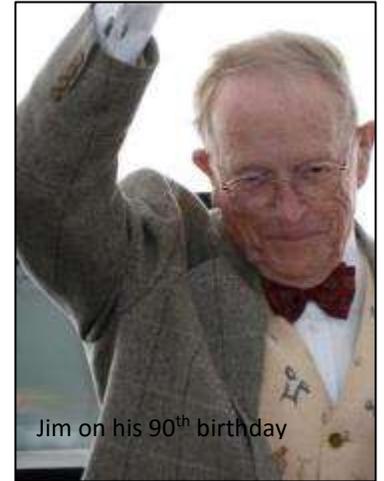
Jim joined the Colorado Mineral Society in 1948; and in 1949 he led the party from the club that attached the bronze plaque at the summit of Mt. Antero to establish the Colorado Mineral Park on the mountain.

My wife Kathy and I first met Jim when we took his "Rocks and Minerals of Colorado" evening class at CU Denver. We were newbies and benefitted greatly from his instruction. I took the course twice just to make sure I "kinda" grasped the crystallography part of the course. Jim encouraged us to join the Littleton Gem and Mineral Club, and another rock hounding family was created.

Jim's influence in the mineral world went well beyond his teaching into leadership at the highest levels. He served as a president of the American Federation of Mineralogical Societies, and received the AFMS Recognition Award in 2004 for his significant contributions as lecturer, contributor of scientific articles, and judge at numerous mineral competitions. Jim held other leadership roles in the Rocky Mountain Federation and the Friends of Mineralogy. He was introduced to micromounting in 1956, and was hooked for life. Not only did he build an award winning collection of his own, he had the rare opportunity to curate several of the famous collections housed at the Denver Museum of Nature and Science. In 2011 he was inducted into the Baltimore Mineral Society's Micromounter's Hall of Fame. His Hall of Fame plaque will hang in the new Avenir Collections Center in the Denver Museum of Nature and Science.

Jim's volunteering at the Denver museum spanned some 35 years, and I had the good fortune to join his work when I retired in 2000. For the next sixteen years, I had the rare good fortune to learn mineralogy from a pro as we curated five large collections and created yet another collection that now numbers nearly 3000 specimens. We had good times!

Over the years, Jim "nudged" me into any number of "jobs," including the Judging committee for the Denver Gem and Mineral Show. Jim served as the chair for this activity for years, and groomed me to take over in the early 2000's.



Jim on his 90<sup>th</sup> birthday

Jim held memberships in many scientific and mineral hobby centered organizations. That would seem more than enough to keep a guy busy, but not Jim. He was also a jazz enthusiast and played clarinet and bass clarinet in a number of jazz groups. I realize I have failed to mention that Jim and Bette raised a quintet of their own: Susan, James B., David, Louise and Bryan, who, in turn, blessed Jim and Bette with 15 grandchildren and 15 great-grandchildren.

As I wrote this, I realized I could go on and on about his accomplishments, his stories, the fun we had taking museum exhibits to various shows, attending the Tucson show and seminars and symposia. To know Jim was to be gifted with plenty to do and plenty to learn – all of it fun.

I will think of him every time I see a bow tie or marvel at the beauty of a “rock” under a microscope.

By: Larry Havens and Susan Bucknam

Jim was interred at Fort Logan on September 25, 2017. A celebration of Jim’s life will be held from 1-3 PM on Saturday, October 21, 2017 at Rosemark at Mayfair, 833 Jersey St., Denver, CO 80220. We ask that you bring a story, anecdote, or photo of Jim when you come. In lieu of flowers, donations in his name can be made to:

**Denver Jazz Club Youth All Stars Jazz Band**

on-line at <http://youthallstars.denverjazzclub.com/donate/>

or send a check in Jim’s name payable to the DJC Youth All-Stars to:

*Ed Cannava, Director*

*6388 S. Dexter St.*

*Centennial, CO 80121*

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## 2017 Club Case and Booth at the Denver Gem and Mineral Show

by **Milt Collum**, photos sent by **John Kleber** and **Nancy Kimber**

The Display Case this year was planned and set up by **Marge Collum** and **John Kleber** and me. It showed some samples of works of art by club members. We had some Faceted Gems, Cabochons, Silverwork, Wire wrapping, and Belt Buckle Design Cabochons.

Artists whose work was displayed are **John Kleber, John Revis, Karen Runner, Marge Collum, Joe Taubr, Milt Collum, Nancy Kimber, Paul Knappe, and Ron Wankner.**



As a memento of the occasion, Certificates of Appreciation were presented at the September meeting. The certificate shows the finished case as seen by hundreds of viewers, and separately, the items fashioned by the artist. Whenever I present one of my own creations to a friend and point out that it was displayed at the Denver Gem and Mineral Show, the value, in their mind, seems to be trebled!



People who manned the booth are **John Kleber, Dave Redman, Ian Duncanson, Susan Duncanson, Joann DeMoss, Nancy Kimber, Shellie Luallin, Ann Wankner, Nick Kimber, Charlie Wall, Shelley Wall, Raju Situala**, and others who served unannounced. The information they share is always appreciated. Thanks to **Nancy Kimber** for managing volunteer scheduling.

Our purpose is to show what we have been making, whatever its state of perfection or non-perfection. We want people to look at our creations and say, "I could do that!" and then do it.



At the booth in the future, it would be nice to schedule people to demonstrate various elements of our hobby; elements such as cleaning specimens, beading, wire-wrapping, faceting, capping, etc. Between Shows during the year, it would be helpful for someone to attend to the club sign, the poster, easel, and other materials and then get them to the next Show. John has done this for years and now needs access to his limited living space.

John and Marge enjoy their work and would like more people to share that joy. They invite anyone interested in working more directly with planning and setting up the case or working at the booth in the future to please make themselves known. Thank you!



# SALE!

OCTOBER 14TH

9 AM to 4 PM ----- 23612 E. Mississippi Circle, Aurora 80018  
At the Sheel's

You will find various things:

Crock pots, tools used for making jewelry, digging tools, new gloves, motor, shovels, some mineral specimens, mineral specimen boxes etc.

Our gratitude to Bev McKinney & (Lee) for their donation for this sale.

All proceeds go to the Littleton Gem and Mineral Club.





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# Denver Gem & Mineral Show Report

Oct 2017

## Winners in the Special Competitions



**Richard M. Pearl Award:** Phil Gregory (Rhodochrosite, Park County, Colorado)

### Best of Species Trophy:

**Thumbnail** - Larry Havens (Stephanite, Bolivia)

**Toenail** - Jack Halpern (Gold, Eagles Nest Mine, California)

**Miniature** - Jack Halpern (Gold, Venezuela)

**Cabinet** - Jack Halpern (Silver, Kongsberg, Norway)

**Best of Colorado** - Judy and Ron Knoshaug (Gold, Breckenridge)

**Best Fossil:** Jim Hooten (Devonian brachiopod, Garfield County, Colorado)

**Prospector Trophy:** Randal Kokkinen (Smoky quartz and amazonite, Colorado)

**Junior Prospector Trophy:** Hunter Kokkinen (Amazonite and quartz, Colorado)

**C. E. Withers Award:** John Warn (Himalaya Mine Tourmalines)

### Winners of Competitive Exhibits:

#### Donna Chirnside Memorial Museum Trophy:

Museum of Western Mining and Industry, Colorado Springs, Colorado

#### Individual Competitive Case Trophies:

**Thumbnails of One Mineral Species** - Barbara Sky (Masters, Barites)

**Worldwide Thumbnails** - Nick North (Masters)

**Worldwide Miniatures** - Ron and Judy Knoshaug (Masters)

**Open Minerals** - Larry and Denise Rossum (Advanced, Barites, Elk Creek, South Dakota)

**Specialized Fossils** - Evan Walsh (Novice, Cretaceous Theropod Dinosaurs)

**Educational, General Audience, Minerals** - Erin Delventhal (Novice, "Naming Minerals")

**Educational, Informed Audience, Other** –

Dale Plume (Novice, "Complex Gold & Silver Ores of Colorado")

**Educational, General Audience, Other** –

Dale Gann (Novice, "Gold and Silver Ore to Coins and Bullion")

**Club Prospector Trophy** - Colorado Mineral Society

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## Letter from the President

Greetings everyone!

Did you take a look at the Board Meeting minutes from September? It's a good way to keep up to date with the Club Business. Under new business we discussed club positions that need to be filled by January 2018. Some of them are volunteer positions while others are elected positions. All are important for the continued smooth operation of the club. The club just couldn't function without members serving as elected officials or



volunteering for a number of things. And yes, we are fortunate to have a number of members that volunteer behind the scenes to facilitate any number of events and duties. I for one am very grateful to see all the help the club gets from the various elected officials and volunteers.

So along those lines, please consider serving or volunteering for the positions that need filling. We need:

#### **Elected Officials**

-A President elect for 2018. This is a voting position on the club board. This is actually a very easy position that prepares one for a one-year term as President the following year.

-A 2 year Trustee that sits on the board as well. Trustees help out where they can in whatever expertise they have.

#### **Volunteers**

-A program chairman to organize speakers or video events for our club meetings. **Bill Jones** has done a wonderful job with this year's speakers. If you are thinking about being the program chairman get in touch with Bill and ask him about it.

-A Newsletter editor to publish the club's monthly newsletter. Ask **Steve Cable** if you have any questions about this.

-Grab Bag assistance. **John Kleber** could use help with this ongoing task.

-Assistant Field trip leaders. **Jim Hooten** will continue to schedule field trips but he could use assistant field trip leaders. Volunteer to lead your favorite field trip!

-A Refreshment Chairperson. This position organizes the list of people to bring in refreshments for the club meetings. Setting up the break room is part of this as well. Actually, this task could be done by committee with the Chairperson acting as the lead.

Please give a consideration to any of these positions and participate in the LGMC!

I'll see you at the October club meeting.

~**Charlie Wall**, President LGMC 2017

## **Selected upcoming LGMC and Earth Science Events**

Sat Oct 14 SALE at the Sheel's – See article and pictures earlier in this newsletter.

Tue Oct 17 **Faceters and Cabbers**

7:30 PM, Columbine Hills Church, 9700 Old Coal Mine Ave, Littleton CO

Fri Oct 20 **LGMC Chapter Meeting**. Speaker: James Hagadorn

7:30 PM, Columbine Hills Church, 9700 Old Coal Mine Avenue, Littleton, CO.

Refreshments for October:

**Lesley Sebol, John Kleber, Nancy Kimber**

and anyone else who wants to bring something.

Thank you!



Sat Oct 21 Memorial Service for Jim Hurlbut. See obituary earlier in this newsletter.

Wed Oct 25 **Mineral Study Group**, looking at minerals from Chihuahua, Mexico, at Lesley Sebol's house.

7pm. If you need directions, call Lesley at 720-999-1372

Sat Nov 11 LGMC Silent Auction, Columbine Hills Church, 9700 Old Coal Mine Ave, Littleton CO

#### **Timetable of Events:**

10:30 a.m. Setup Tables

11:00 a.m. Sellers Setup

12:00 p.m. Silent Auction Begins

1:00 p.m. Verbal Auction and Business Meeting

1:45 p.m. Resume Silent Auction

3:30 p.m. Start Checkout

Nov 17-19 Jeffco Rock Show, Jefferson County Fairground.

# LGMC Summary Minutes, Board Meeting, September 25, 2017

Location: The Church, Called to order at 7:15 pm

In Attendance: **Charlie Wall, Larry Havens, Travis Leach, Stacey Lestina, Bill Jones, Lesley Sebol, Jim Hooten** and **John Kleber**.

Minutes of the March meeting were approved with motion from **Jim Hooten** and second by **Bill Jones**.

**Treasurer's Report:** For the period 7/1/17 to 8/31/17 – Income from dues received, council bulletin grant and proceeds from picnic necklace drawing; expenses: included newsletter mailing, and refreshment expenses. Motion to accept treasurer's report by **Bill Jones**; second by **Jim Hooten**; motion carried.  
*Reminder: Any club member may ask the Secretary to see the treasurer's report at any regular club meeting.*

## Old Business

- Club case (donated by **Dan Lovitt**) –The search for a permanent/semi-permanent home for the case continues.
- Periodic Report for LGMC was filed by Charlie with the Secretary of State.
- Yearly filing for club claims with BLM and Park County was executed by Charlie.
- The club saw has been transferred to **Mike Taubr**.
- Lifetime passes to the Denver Gem and Mineral Show were delivered to **Lou** and **Diana Conti**.
- Sympathy cards have been mailed to **Bette Hurlbut** and family.
- *Reminder to the Board:* At the April Board meeting **Dale Gann** asked the Board to consider purchasing 1 or 2 corded microphones for the church. This would be a donation. Cost figures and need not as yet determined, this discussion was tabled until the next meeting. *This issue was not taken from the table at this meeting and needs to be addressed in October.*

## New Business

- New members: applications from new members: Fred and Sue Hurd, Rob and Cindy Tucker and Raju Situda and Sajita Gautam were reviewed and approved.
- **John Kleber** presented an extensive report regarding the state of our grab bag supplies. Assistance will be sought for storing grab bag inventory as well as for direct assistance to John, especially to cover his being out-of-town during our usual picnic date. Change of picnic date will be explored. If that is not feasible, then someone will be sought to assume John's duties for the day of the picnic.
  - Attendance and gate numbers for the Denver Gem and Mineral Show have not yet been reported.
  - The Sheel's will be hosting a sale of items from **Lee McKinney's** mineral collection. Date TBD.
  - Positions in club leadership needed to be filled:
    - Volunteer positions: Program Chairman, Grab Bag assistance, Refreshments, Assistant field trip leaders, Newsletter Editor.
    - Elected Positions: President-Elect and a 2-year Trustee.
  - It was observed that since the dollar value limit for the annual "Best mineral purchased at the Denver Show for under . . . Contest" had been raised from \$10 to \$20, then the prize amount should also be raised to \$20. **Jim Hooten** so moved; **Bill Jones** seconded, and the motion passed. The same amount will be awarded to the winner of the "no limit" specimen contest.
  - The Fall Dealers Show at the Jeffco Fairgrounds will be held Nov. 17-19, again conflicting with our Annual Silent Auction. Lesley Sebol will contact church scheduler to see if we could move our auction date to the 11<sup>th</sup>.

**Programs:** Bill Jones reported that the October speaker will be **James Hagadorn**.

**Field Trips:** Last of the year: club claims (already held as of this publication)

**Faceters and Cabbers:** Next meeting: October 17.

**Mineral Study:** October – 4<sup>th</sup> Wednesday – Chihuahua, Mexico, at **Lesley Sebol's**.

Next Board Meeting: Monday, 10/23/17 at the church

Adjourned 8:37 pm.

Respectfully submitted,

**Larry Havens**, Secretary

Charlie receiving the check from Keith for selling the equipment donated to the club at Cottontail Rock Show.

Picture sent by Lynette Warren



## Club Announcements

### Welcome to our new members:

Fred and Sue Hurd, Rob and Cindy Tucker, Raju Situda and Sajita Gautam



**Moving?** Change of Address, Email or Phone Number? Ready to go paperless? Please notify **Ian Duncanson** of any changes at [idunc@q.com](mailto:idunc@q.com) or 303-798-9174.

**Club Vests** Show your club support at the meetings and other events! **Ian Duncanson** has club vests available for sale. Price includes vest, sewed on club patch (on back) and a club pin  
\$18 for small and medium sizes  
\$19 for large and X-large sizes  
\$20 for XX-large and XXX-large

*Do you know someone who could use some sunshine? Nobody knows everybody. If you know of a club member or family who is having a health problem or other problem, and who could be encouraged by receiving a thinking-of-you card, please let us know so that we may encourage them. Send a note to our sunshine coordinator and let her know, **Lynette Warren**, [flywithle123@comcast.net](mailto:flywithle123@comcast.net).*

Thank you to everyone who contributed to the newsletter!

Would you like to be the next newsletter editor? I have done it for 2 years soon, and I am ready to let another person enjoy doing this. I should not be a greedy pig to do this forever. My favorite part: No public speaking is involved. If you can send e-mail and do some word-processing, you can do it! ~**Steve**

### 🌀 2017 Board of Trustees 🌀

President	<i>Charlie Wall</i>	303-933-0368
Vice President and Membership Chairman	<i>Ian Duncanson</i>	303-798-9174
Secretary	<i>Larry Havens</i>	303-757-6577
Treasurer	<i>Lesley Sebol</i>	720-999-1372
President elect	<i>Travis Leach</i>	303-887-9787
Program Chairman	<i>Bill Jones</i>	303-503-6288
Field Trip Chairman	<i>Jim Hooten</i>	303-770-7177
Highlites Newsletter Editor	<i>Steve Cable</i>	303-868-9931
Trustee (Year of 2017 as past President )	<i>John Smith</i>	720-981-1368
Trustee (2 year term 2017 & 2018)	<i>Nick North</i>	303-840-1177
Trustee (2 year term 2016 & 2017)	<i>Bill Jones</i>	303-503-6288

### 🌀 Chairpersons & Appointed Officers 🌀

Trustee-at-Large	<i>Lou Conti</i>	303-797-3205
Trustee-at-Large	<i>Dale Gann</i>	720-981-5526
Trustee-at-Large	<i>Jim Hurlbut</i>	303-757-0283
Sunshine Chairperson	<i>Lynette Warren</i>	303-956-4634
Refreshments	<i>Anne Jenkins</i>	303-730-7696
Librarian	<i>Mary Davis</i>	303-680-5112
Historian	<i>Maxine Sheel</i>	720-532-0784
Junior Historian	<i>Chloe Lovitt</i>	303-791-3112
Photographer	<i>Bob Zartman</i>	303-973-0405
" "	<i>Mike Snively</i>	720-981-0752
Junior Photographer	<i>Hunter Kokkinen</i>	720-922-1096
Hospitality	<i>Nick North</i>	303-840-1177
Grab Bags	<i>John Kleber</i>	720-851-8510
Web Administrator	<i>Gus Hanson</i>	
Show Committee Representative	<i>Open</i>	Open
RMFMS & AFMS Representative	<i>Jim Hurlbut</i>	303-757-0283
Denver Council Representative	<i>Nick North</i>	303-840-1177
Cabbers & Faceters Group	<i>Keith Sheel</i>	720-532-0784
" "	<i>Mike Snively</i>	720-981-0752
" "	<i>John Kleber</i>	720-851-8510
Mineral Study Group	<i>Bob Zartman &amp; Nick North</i>	303-973-0405

**Meetings:** The Littleton Gem & Mineral Club meets the third Friday of each month, September through May, at the Columbine Hills Church, 9700 Old Coal Mine Avenue, Littleton, CO 80123. Doors open at 7:00 p.m. and the meetings begin at 7:30 p.m. All meetings are open to the public. Club and section meetings may deviate from their regular schedules due to holidays, shows, inclement weather, etc.

The Littleton Gem and Mineral Club is affiliated with the American Federation of Mineralogical Societies, The Rocky Mountain Federation of Mineralogical Societies, The Colorado Federation of Gem and Mineral Societies, and the Greater Denver Area Gem and Mineral Council.

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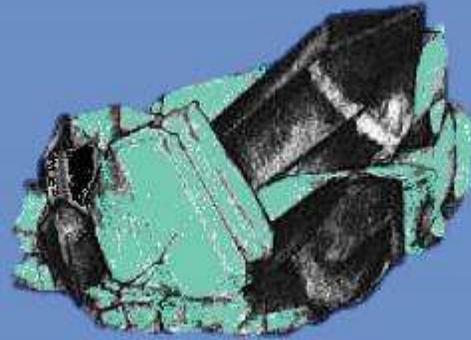
**\*\*The deadline for submissions is the 1<sup>st</sup> Friday of each month.** Please send your material by email to [stevecableisthinkingofyou@gmail.com](mailto:stevecableisthinkingofyou@gmail.com).

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# Highlites

LITTLETON GEM & MINERAL CLUB



HARRIS PARK AMAZONITE & SMOKY QUARTZ

LITTLETON GEM and MINERAL CLUB  
P.O. Box 283  
Littleton, CO 80160

FIRST CLASS MAIL  
Return Service Requested