

# CEDAR VALLEY GEMS

CEDAR VALLEY ROCKS & MINERALS SOCIETY  
CEDAR RAPIDS, IOWA

CEDAR VALLEY GEMS

MARCH 2011

VOL. 37, ISSUE 7, P.1

Cedar Valley Rocks & Minerals Society will meet on **Tuesday, March 15th** at 7:15pm @ **Rockwell Collins 35<sup>th</sup> St Plant, Cafeteria** - (Bldg 140) 855 35th St. NE, Cedar Rapids, IA. This month's hostesses will be Sharon Sonneleitner and Dolores Slade. **From VP Bill about March's presentation:** This comes from Rhawn Denniston of Cornell College. CVRMS members, I know the show is coming fast but our March 15th meeting will offer a neat treat to hear some geology students from Cornell College under the direction of Rhawn Denniston PhD.

**Rhawn Denniston said:** I've got two senior geology majors lined up to discuss their research. Nick Campbell worked with me at the University of New Mexico last summer in order to figure out how mud layers in stalagmites from northern Australia track past hurricane activity over the past 100 years. Lizzie Greaves is looking at stalagmites from the same cave, but her samples record changes in Australian summer monsoon rainfall over the past 9,000 years.

The Board Meeting will be held on **Tuesday, April 5th** at 7:15pm at the home of Marv and Sue Houg.

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## **"Treasures from Iowa's Ice Age: featuring Ice Age Fossils & Lake Superior Agates"**

Please start looking around your rock and fossil collections for material that would be good for door prizes or silent auctions. Lots of material is needed. The Pebble-Pit always needs material for it too; even crystal bits from cracked geodes would be good. Anything the kids can scavenge through will help make their day.

Did everyone know of the sign-up sheet that's passed around at the meeting pertaining to "things to be done" for the show? Please check it out at February's & March's club meetings. Any help you can give would be appreciated and would be a start of getting you involved in the club. No experience is necessary. And on that sheet is where you can sign up for a display box. Let's have a good turn-out this year of exhibits from club members who haven't done it before or haven't done it for a long time.

This year, we will **not** be giving away a door prize. Last year, it really created a bottle-neck at the entry door and we want to avoid that this year. And that leads to no display prizes for display cases but that's not why we display our wares, is it? Let's have really nice displays to show our guests what cool finds can be found in our hobby and recreation. And let's get the young people involved too! Let them help you to display items in your collection that **they** think is cool! What a wonderful way to create memories with your **family**.

## Show reminders... THINGS TO DO AT SET-UP

Set chairs in the booths

Put ribbons on Name Tags

Clean glass inside and outside display cases.

Clean inside & outside of display cases

Straighten out cloth for case liners

Cover tables when set-up has been checked and electric cords laid out appropriately.

Use Wide Paper for skirt & Narrow for top OR the opposite - somebody try it and see which is best

Help carry stuff to pebble pit & silent auction areas.

Help setup Bone dig area

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Anyone helping on Friday will be treated by Dell James with sandwiches and other tasty delights for lunch.

There will also be our usual **potluck dinner Friday night** for club members and dealers so if you have a favorite recipe, here's your chance to share it. **Remember this is for everyone so please bring enough to share**. Potluck starts at 6:30pm.

On Saturday night after the show there will be a catered dinner from Hy-Vee. The menu includes: roast beef & fried chicken, party potatoes, green bean casserole, 7-layer salad and a roll. Hy-Vee will supply the plates and silverware. The cost will be \$12.00 each. The dinner will start at 6:15pm. **Marv asks that you let him know by our Tuesday meeting on the 15<sup>th</sup> if you will be eating at the dinner so we can give Hy-Vee some idea of the turn-out.** Everyone is welcome.

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**VOLUNTEERS WANTED TO BRING DESSERTS FOR SATURDAY DINNER**

To hold down the cost of the catered dinner, we are looking for a few members who can't help in other ways during the show or who just like to cook to bring desserts. We expect 40-50 for the dinner, so 5 or 6 people bringing a dessert should cover it. Please contact Dell James (cycladelics@netins.net; 319-446-7591) if you can help.

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**T-Shirts:**

We are going to go with the Club Logo on the T-shirts. I don't think we received any designs from members so we'll go with this. Dell James will get these ordered. We'll have different sizes and colors. These will be available for the March club meeting and the Show.

Tom Whitlatch forwarded me this email and since it is **AFMS business** I'm passing it along:

What I'm emailing you about is a donation for the new adventure that I said yes to.....I'm the American Federation Endowment Fund Chair for all the USA Federation Regions....a 2 year sentence!!!! ☺ That is also why we are going to New York in July is to attend the AFMS Convention in Syracuse. Long story very short and to the point.....I as chair set up a drawing/raffle type event of 10 to 15 rock items that are donated by each Federation. Other are now selling tickets for the items....at this time I have 3 items and I'm busy asking folks for a donation for the event.

That brings me to you.....in the past we have had spheres, mineral specimens, cabochon necklaces, wire wrapped pendants, faceted stones and lamps from rocks. What I would need as soon as I could would be a photo of what the item or items that you are donating.....I need to pass this information to my regional reps for each of the federations and post it onto the AFMS website to help sell \$\$\$\$ tickets for the drawing in each region before the convention. The AFMS Convention is in July out in New York. I would need the items a week or so before then to take with me. **Steve and Pam Hecht - Steverox@up.net**

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#### **New members:**

**Wilbur & Betty Engelkes** 104 Vallet Dr. La Porte City, IA 50651

**Mary Foulk** 1225 3rd Street A, Moline, IL 61265 309-764-1473

**Dennis Kossow** 2120 Pearl Lane Fairfield, Iowa 52556

**Donna Dorothy, Susan Barske, Frank Wathen** 3011 Black Hawk Ave NW Oxford, IA 52322

(H) 319-628-4352 (W) 319-384-5379 Legion150@yahoo.com

main interest: agates, geodes, Devonian fossils

other interests: gardening, hiking

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**American Federation of Mineralogical Societies News  
Inter-Regional Rockhound Rendezvous and Field Trip  
May 27 - 30, 2011, Hampton Butte, Oregon**

The **Northwest and California Federations of Mineralogical Societies** are hosting an Inter-Regional Rockhound Rendezvous and Field Trip to Central Oregon over Memorial Day Weekend 2011 for Petrified Wood, Agate and Obsidian!! And **all** AFMS society members and guests are invited.

Central Oregon is known for petrified wood, agate and thunder eggs. This Rendezvous will be to the Hampton Butte green petrified wood area, the Paulina area for pink, green and blue limb casts and to Glass Butte for a big variety of obsidian. Trip logs will be available to 8 to 10 other nearby sites for agate, thunder eggs, jasper and petrified wood for self guided collecting trips. These trips will include: Muary Mtn. jasper, Bear Creek petrified wood, Eagle Rock dendritic/moss agate, Ochoco thunder eggs, and several other petrified wood and thunder egg sites.

See [http://www.amfed.org/FieldTrip2011-05\\_Hampton%20ButteOR.pdf](http://www.amfed.org/FieldTrip2011-05_Hampton%20ButteOR.pdf) for more information.

Just for fun...

From our Friend Ed Clopton who moved to Maine a few years ago:

Just for fun, you could include the Maine Mineralogical & Geological Society's club show in the CVRMS newsletter:

April 15 -16, 2011, Portland, Maine: Maine Mineralogical & Geological Society's annual show, Sullivan Gymnasium (University of Southern Maine), 96 Falmouth Street, Portland, Maine, 10-5 Saturday, 10-4 Sunday. From the club website: "We have dealers presenting gems, minerals, fossils and jewelry from all over the world; demonstrations of gold panning and gem cutting; a silent auction and hourly door prizes. Children will enjoy the mini-mine, spin wheel, touch table and a FREE gift when leaving the show. Admission (adults \$4, 13-18 and 65+ \$3, 12 & under, free) enters you into our Grand Prize Raffle drawn at the end of the show." More info and directions are at [www.mainemineralclub.org](http://www.mainemineralclub.org).

The show is a little smaller than the CVRMS show but still is the biggest show in Maine and features material you won't see in Iowa!

About a year ago I sent a note to Marv about some **Iowa calcite** I had found to be **fluorescent** with the hope that it would make it into the newsletter. I didn't receive the newsletter for a while, so I don't know whether it appeared in print or not. In case it didn't, here it is again:

At least some of the **golden calcite** from the **Klein quarry** fluoresces an unusual and attractive deep orange in shortwave. More significantly, some large cleavable masses of calcite from the **Moscow quarry** contain zones and spots with a remarkable range of responses to shortwave UV: bright yellow-white fluorescence; pink fluorescence with strong blue phosphorescence; and an orange-red fluorescence, all within a few centimeters of each other. Check out your specimens and stored material! I have only a shortwave light, so who knows what would show up under mid- and longwave. (And if you have any amber-colored scapolite from Morogoro, Tanzania, check it out under shortwave.)

We have a foot-plus of snow and looking forward to more next week. Hope all's well in & around CR,

Ed Clopton

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### EGG CARTON DAYS

This year we ended up with two egg-carton days. The first was held February 5<sup>th</sup>, the same day the guys fixed up the show cases. Dell James, my husband Bill, and I put together 138 rock kits in 3½ hours. Two weeks later, Jeff Groff, Jeff Kaul, Laurie Kell, Joy Cummings, Dale Stout, Delores Slade, Dell, Bill and I put together 100 more kits in less than an hour. This just shows how much each person's help counts. Thanks to all the people who saved Styrofoam egg cartons, from the person who dropped off 80 at my front door, to Allyn Adams who sent 38 from Davenport, to those who contributed just a few. They all count and make it possible for us to have the kits available for kids at the show.

Sharon Sonleitner

A couple of items from Dale:

(1) Order a **name tag**.

If you need a name tag please let me know this week so that I can get them in time for the show. Cost is \$5.50 for the normal pin back and \$7.75 for a magnetic back.

(2) If you gave me a new subscription to **Rock & Gem** before Christmas, can you let me know if it has started yet? The question arose and I promised to ask at the meeting Tuesday and I forgot. The forms said up to 8 weeks to start so I am **curious** about how long it does take.

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### **Radiocarbon date update**

February 16, 2011 in DNA by Holmes

Another attempt for a direct radiocarbon date on the **Tarkio Valley sloths** failed. Bob Feranec reports that the National Ocean Sciences AMS (Accelerator Mass Spectrometry) Facility at the Woods Hole Oceanographic Institution could not obtain a sufficient quantity of CO<sub>2</sub> from the 2.5 milligram collagen sample that he collected via seven extractions from a molariform.

Extraction on the tooth proved to be a labor intensive process to even recover a milligram. The sample, NOSAMS # 81815 labeled 10 RSF C14 005, which was adequate by weight, yielded only 1.7 micromoles of CO<sub>2</sub>. When asked if sacrifice of a whole tooth would produce a date, Bob replied that we needed to recover at least 50 micromoles. This would require at least 150 extractions, would be a few months work and still probably would not generate sufficient CO<sub>2</sub> for our purposes. He concluded, "I think that it is not going to be a datable specimen."

Earlier, we had submitted a bone sample and a dental sample from the adult to the Keck Carbon Cycle Accelerator Mass Spectrometry facility at the University of California-Irvine. They could not recover enough collagen to date the specimen either. After attempts by two world class facilities, we are convinced that it is not possible to directly date sloth remains with current technology. Alternatives for direct dating are under consideration. Pollen and seeds are in the matrix and offer radiocarbon alternatives. There is also the potential to date the sediments above and below the sloth-bearing matrix.

Exciting as they are, the Tarkio Valley sloths continue to be analytically evasive.

Sloth on! By Holmes - Via <http://slothcentral.com/>

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### **Mineral Poster on Amazon**

The poster shows a whopping 162 specimens, carefully selected to include those most likely to be encountered by the student and collector. Over 20,000 photographs were reviewed to select ones that would best show a diversity of color, habit, luster and crystals. These magnificent minerals are presented by class: native elements, carbonate, sulfates, sulfides, halides, oxides, phosphate, organic and silicates. The silicates are such a large group that the bottom three rows are devoted to them. They are grouped by sub-class, such as nesosilicates, sorosilicates, etc. All of the popular gemstones are shown. All posters measure 24" X 36" and are printed on heavy paper. Go to this web page to purchase for \$11.95: <http://www.amazon.com/dp/B001BOFLR6?tag=cheapblog01-20>

**2011 Show's dealers:**

Roger's Garage Rock & Gem Arts  
 First Crack Geodes  
 West Side Agates  
 David M. Crawford  
 Brushy Creek Gems & Minerals  
 PV's Rocks  
 Blue Stone of Colorado  
 ZRS Fossils & Gifts  
 St. Paul Gem & Minerals  
 J. J. & L. Rocks & Minerals  
 Doug ReRosear Fossils  
 Craved Opal and Obsidian  
 Burns Gems  
 Running Water Sluice  
 Treasures of the Earth  
 Rocks and Things  
 The Jewelry Forge  
 Flint Spirit  
 Glass By Julie  
 Wrap-n-Rock-Gems - Gurnee, ILL

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**Rock Show Programs**  
**March 19 & 20 Hawkeye Downs**

**Saturday:**

- 10:00 am: **David Brenzel**, former curator at the University of Iowa Museum of Natural History and co-principle investigator on the Tarkio Valley Sloth Project: *Things to do with a Leftover Sloth: Recipes for research and fun with Iowa's unique Ice Age discovery*
- 11:30 am: **Paul Garvin**, Cornell College Professor Emeritus: *Thunder Eggs, Banded Agates, and Geodes*
- 1:30 pm: **Ray Anderson**, Iowa Department of Natural Resources and Adjunct Assistant Professor in the University of Iowa Geology Department: *The Glacial History of Iowa*
- 3:00 pm: **Tom Marshall**, Iowa Department of Natural Resources: *Ice-Age Mammals of Iowa*

**Sunday:**

- 10:30 am: **Tom Marshall**, Iowa Department of Natural Resources: *Ice-Age Mammals of Iowa*
- 12:00 pm: **Ray Anderson**, Iowa Department of Natural Resources and Adjunct Assistant Professor in the University of Iowa Geology Department: *The Glacial History of Iowa*
- 2:30 pm **David Brenzel**, former curator at the University of Iowa Museum of Natural History and co-principle investigator on the Tarkio Valley Sloth Project: *Things to do with a Leftover Sloth: Recipes for research and fun with Iowa's unique Ice Age discovery*

**Gems on Stamps 2010**

Compiled and written by Richard Peterson, LGMC President - included are the Scott Stamp Catalog numbers.  
Via Pick & Shovel, 2\2011

Antigua, 3082;	Australia, 3321, 3327, 3327a, 3335;
Belgium, 2435;	Brazil, 3067;
Bulgaria, 4500;	China (Taiwan), 3894a, 3895a;
Colombia, 1309;	Faroe Islands, 537, 539, 539a;
Finland, 1349, 1352a;	French Southern & Antarctic Territories, 422;
Germany, 2563;	Great Britain, 2755, 2755a;
Great Britain (Jersey), 1424, 1428;	Greenland, 552, 554, 554a;
Indonesia, 2198;	Italy, 2921;
Japan, 3067;	Kazakhstan, 595, 364-367;
Korea (South), 2313;	Malagasy Republic, 1472;
Malta, 1378;	Moldavia, 638;
New Zealand, 2292c;	Norfolk Island, 999;
Philippines, 3215-3216;	Serbia, 452;
South Africa, C96;	Sweden, 2634, 2637;
Thailand, 2414, 2416, 2416a, 2440f;	Turkish Republic of Northern Cyprus, 669;
Ukraine, 784;	United Arab Emirates, 984-987, 987a;
Yemen, 891-897;	

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**Mid-America Paleontology Society (MAPS) 33rd Annual Fossil Expo - the largest fossil-only show in the world. Dealers/Exhibitors from across the U.S & beyond.**  
**SPECIAL EXHIBIT: ICE AGE PARK (Ground Sloth, Saber Tooth Cat, Stegodon, Woolly Rhino).**

**April 1, 2, 3**

8:00-5:00 - Fri & Sat

8-12 - Sun (limited dealers)

The show and all events are free and open to the public. Children must be supervised.

All events take place in **Western Hall, Western Illinois University, Macomb, Illinois**  
Contact: **Tom Williams** - 815-223-9638; Paleotom234@dishmail.net

Programs: Friday, April 1, 5:15 p.m.: Keynote Address by **Dr. Steven Nicklas**, Atlanta, Georgia, "Application of Archaeological Field Methods in Paleontology".

Saturday, April 2:

9:30 a.m. **Don Johnson**: "When Tyrannosaurs Roamed Montana".

10:45 a.m. **Bill Desmarais**: "Jurassic Jumble": Waugh Quarry, Wyoming.

12:45 p.m. **John Catalani**: "Ammonites: End of an Era"

2:00 p.m. **Charles Newsom**: "Stump the Experts- Bring your fossils to ID"

3:15 p.m. **Tiffany Adrain**: "Who Will Look After My Fossil Collection?"

Silent Auctions: Fri & Sat

Live Auction: 5:15 p.m. Saturday, April 2.

Approximately 80 fossils and fossil-related items will be auctioned.

*Cedar Valley Rock and Mineral Society Monthly Meeting  
February 15, 2011  
Host and Hostess-Bill and Karen Desmarais*

Call to order: 7:20 p.m. by Marv Houg, President  
Introduction of guests and new members -none

Minutes of last meeting were reviewed as written. Motion to approve by Tom; second by Bill. Minutes approved as written.

**Treasurer's Report** by Dale Stout. Checking account balance \$5622. Motion made to accept treasurer's report by Tom, 2<sup>nd</sup> by Jeff. Motion approved

**Monthly Program**-Mark Anderson, Archeologist, presented an interesting and informative program about lithic (stone) tools research.

Two monthly door prizes awarded. Paul chose the tektite and Marv the turquoise necklace.

**Old Business**

1. Show cases were cleaned up with new hook ups, light bulbs etc. More is needed. Thanks to Tom for hauling cases. Motion made by Dean to allot \$600.00 to fix show cases. 2nd by Toby  
Discussion - it would be better to expend the money needed to make the cases look nice and easier to maintain for future.  
Motion approved to spend up to \$600.00 for show case improvements.

2. Egg cartons were completed by Sharon, Dell and Bill S. On Saturday Feb.19, anyone interested can meet at Sharon's at 1:00 p.m. to do more cartons.

**Show Report**

1. Flyers still need to be distributed to Science Center, Indian Creek Nature Center and Wickiup Hill. Tom will do.
2. Sharon reported that the Gem Flume will need one person to help the days of the show.
3. Julie volunteered to phone the membership to ask for volunteers to help with the show.

**Other Business**

Dale will need names for name tags by March 1.  
Fabric needed for show cases. Discussion regarding colors, type etc. Dell will look into.  
Tom discussed talking about rock show on a future WMP radio program.

Sharon will write news release for show and can do that when the speaker program is completed. Needs to be out 3 weeks before show.

Motion to adjourn by AJ, 2<sup>nd</sup> by Julie.

Meeting adjourned 9:20p.m.

Respectfully submitted

Dell James, Secretary



*Cedar Valley Rock and Mineral Society  
Board Meeting Minutes March 1 , 2011*

Members Present: Marv Houg, Dale Stout, Bill Desmarais, Sharon Sonnleitner, Dell James, Tom Whitlatch,  
Call to order: 7:25 p.m. by Marv, President

**Show Report**

Layout of show readjusted a little.

Motion made by Tom to allow Paul Stults display a petrified log and sell t-shirts. 2<sup>nd</sup> by Dell

Motion approved.

Dale will look into obtaining DNR pamphlets that are available.

Marv will check with Dave Schmidt Construction for sand to be used in bone dig and the gem flume.

Tom will get signs. Sharon will let him know what is needed. A sign will be placed at the old location redirecting them to Hawkeye Downs. Suggestion made that two entry lines be formed-one for "exact change only" to speed the process along.

Marv will line up security for the show with the Linn County Sheriff's Department.

Dinner on Saturday will be catered by HyVee. Charge will be announced when information obtained. Desserts will be supplied by club volunteers to keep the price down.

Press release written by Sharon. Dell will take care of publicity. Tom will appear on the WMT(600 AM) radio show on March 17<sup>th</sup> from 10:00 a.m. to 10:30 a.m. to discuss the show.

**Old Business**

T shirts-Dell will order tomorrow.

**Adjournment**

Published but not yet approved

Motion made by Bill to adjourn, 2<sup>nd</sup> by Dale. Motion adjourned at 9:30 p.m.

Respectfully submitted,

Dell James, Sec.

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**DID YOU KNOW...?****Dolomite**

Named after French mineralogist D. de Dolomieu (1750-1801), dolomite is calcium magnesium carbonate. Crystals are commonly rhombohedral or tabular and often have curved faces. Dolomite can also be coarse to fine granular, massive or (rarely) fibrous. Dolomite is important as a rock-forming mineral in carbonate rocks and is the principal component of the rock of the same name. It also occurs as a secondary replacement of limestone by the action of magnesium-bearing solutions, in marbles, talc schists and other magnesium-rich metamorphic rocks, and in hydrothermal veins associated with lead, zinc or copper ores. Dolomite is widespread; crystals come from Algeria, Brazil, Switzerland, Namibia, Mexico and several US locations.

**Thanks to the Smithsonian Institution.**

**WHAT'S HAPPENING!**

Event information included here is gathered from flyers, Exchange Bulletins, and the Internet.

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**Mar 19-20 CEDAR RAPIDS, IOWA: "Treasures of Iowa's Ice Age: featuring Ice Age animals and Lake Superior Agates"; Cedar Valley Rocks & Minerals Society; Hawkeye Downs 4400 6<sup>th</sup> st sw; Sat. 8:30-6, Sun. 9:30-5; adults \$2; member exhibits, speakers, demonstrations, vendors; contact Marv Houg (319) 364-2868 or Sharon Sonnleitner (319) 396-4016; Web site: www.cedarvalleyrockclub.org**  
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**Mar 26-27 MONROE, WISCONSIN: 41st annual show and sale; Badger Lapidary & Geological Society; Monroe Senior High School, 1600 26th St.; Sat. 9-5, Sun. 9-5; free admission; 10 dealers, speakers, club displays, Earth Haven Museum display, fluorescent mineral tent, lapidary demonstrations, club sales, hourly door prizes, educational films, kids' fishpond, spinner game, treasure hunt, quarry quest, rock polishing, roving rock wizard; contact Teri Marche', (608)835-2653; e-mail: tmarche@education.wisc.edu**

**Apr 2-3 LINCOLN, NEBRASKA: 53rd annual show, "Wonders of the Earth"; Lincoln Gem & Mineral Club, Nebraska Association of Earth Sciences Clubs; Lancaster Event Center, 84th and Havelock; Sat. 9-6, Sun. 10-5; adults \$5, children 11 and under free with adult; contact James Marburger, Box 64, Hickman, NE 68372; Web site: www.lincolngemmineralclub.org**

**Apr 9-10 CANTON, ILLINOIS: 51st annual show; Fulton County Rockhounds; Wallace Park; Sat. 10-5, Sun. 10-5; free admission; contact Steven Holley, (309) 231-8861; e?mail: ilfossil@hotmail.com; or Deb Coursey, (309) 368-8451; e-mail: courseyfarm@gmail.com**

**Apr 17 WATERLOO, IOWA: Show, "Geodes: Iowa's Rolling Stones"; Black Hawk Gem & Mineral Society; Waterloo Center For The Arts, 225 Commercial St.; Sun. 12-5; free admission; demonstrations, silversmithing, rock tumbling, sphere making, faceting, cab making, silent auction, special displays, dealers, crystals, agates, geodes, fossils, handcrafted jewelry, minerals, fossil plaster casting, pebble pit, fish pond; contact Dave Malm, (319) 266-6433; e-mail: davidmalm@cfu.net**

**May 14-15 WAUWATOSA, WISCONSIN: 54th annual show; Wisconsin Geological Society; Muellner Bldg., Hart Park, 72nd and W. State St.; Sat. 10-5, Sun. 10-4; adults \$3 (2 for \$5), children under 16 free with adult; 22 Midwest dealers, lapidary supplies, tools, books, rough material, slabs, finished specimens, cabochons, jewelry, carvings, fossils, children's activities, exhibits, displays, presentations; contact Paul Schmidt, 8213 Red Arrow Ct., Wauwatosa, WI 53213, (414) 771-8668; e-mail: pvs@wi.rr.com**

**Jul 16-17 MOOSE LAKE, MINNESOTA: 42nd annual show, "Agate Days"; Carlton County Gem & Mineral Club, Moose Lake Area Chamber of Commerce; Moose Lake High School gym and parking lot, 413 Birch Ave.; Sat. 9-5, Sun. 9-4; free admission; dealers, Lake Superior agate, cutting materials, specimens, crystal groups, fossils, gems, jewelry, lapidary equipment, rough rock tailgaters, door prizes, field info, Agate Stampede Sat.; contact Al Hyopponen, 4902 Jean Duluth Rd., Duluth, MN 55804, (218) 525-7766; e-mail: willow73@cpinternet.com**

**If I am missing any upcoming shows, please email me the information!!**

**What I would need is location (including directions), Dates, Hours, Admission, Activities!**

Cedar Valley Rocks & Minerals Society

Presents its

2011

# GEM, MINERAL & FOSSIL SHOW

Saturday March 19 - 8:30 a.m. to 6:00 p.m.

Sunday, March 20 - 9:30 a.m. to 5:00 p.m.

**Hawkeye Downs Expo Center**

**4400 6th Street SW**

**Cedar Rapids, Iowa**



**Change of Location**

## TREASURES FROM IOWA'S ICE AGE

**FEATURING ICE AGE FOSSILS & LAKE SUPERIOR AGATES**

**FOSSILS ARE COURTESY OF MICHAEL & BARBARA SINCAK, TREASURES OF THE EARTH**

### PROGRAMS

Programs on Ice Age Animals, Lake Superior Agates and other aspects of the theme.

Call ahead or check our web site for Speakers & Times.

### DEMONSTRATIONS

- Tumbling, Faceting
- Glass Bead Making
- Cabbing, Beading
- Silversmithing
- Flint Knapping
- Geode Cracking

### PEBBLE PIT FOR KIDS

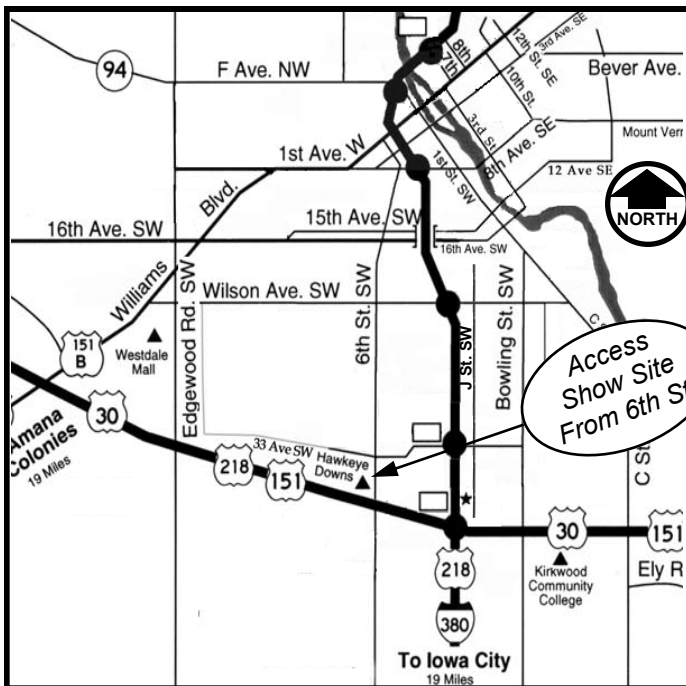
1¢, 5¢, 10¢, 25¢, & 50¢ Items  
50¢ Rock & Mineral Kits

### SILENT AUCTION

Geodes, Minerals, Crystals, etc.

### HOT FOOD

**PROFITS GO TO SCHOLARSHIPS**



### DISPLAYS

- Stegadon, Ground Sloth,
- Saber Tooth Cat,
- Woolly Rhino,
- Agates, Fossils,
- Minerals, Amethyst,
- Petrified Wood,
- Polished Stones,
- Artifacts,
- Spheres, Geodes

**NOT RESPONSIBLE FOR ACCIDENTS**

### DONATIONS

- Adults.....\$2.00
- Students .....\$1.00 (12-18)
- Children ..... Free (Under 12)
- Youth Groups ..... Free (w/adult)

### SLUICE FOR GEMS, DIG FOR BONES, PLUS MANY OTHER ITEMS FOR SALE, INCLUDING:

- |       |         |          |            |                  |
|-------|---------|----------|------------|------------------|
| Books | Fossils | Jewelry  | Minerals   | Book Ends        |
| Opal  | Agates  | Carvings | Seashells  | Petrified Wood   |
| Slabs | Geodes  | Crystals | Tumblers   | Lapidary Equip.  |
| Gems  | Beads   | Spheres  | Meteorites | Jewelry Findings |

**CHILDREN MUST BE ACCOMPANIED BY AN ADULT**

**For Additional Information, Contact:**

**Marvin Houg (319-364-2868, m\_houg@yahoo.com);**

**Sharon Sonnleitner (319-396-4016, sonnba@aol.com); Tom Whitlatch (319-362-0684, whitlatcht@mchsi.com)**

**For program, dealer, and show updates, check: [www.cedarvalleyrockclub.org](http://www.cedarvalleyrockclub.org)**

## OFFICERS, DIRECTORS, AND COMMITTEE CHAIRS

President	Marv Houg <m_houg@yahoo.com>	364-2868
Vice Pres.	Bill Desmarais <Desmarais_3@msn.com>	365-0612
Treasurer	Dale Stout <dhstout55@aol.com>	365-7798
Secretary	Dell James <cycladelics@netins.net>	446-7591
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Imm. Past Pres.	Sharon Sonnleitner <sonnb@aol.com>	396-4016
Director '11	Tom Whitlatch <Whitlatcht@gmail.com>	362-0684
Director '12	Leonard Moellers <LJMoellers@mchsi.com>	373-1508
Director '13	Andrew Halfmann	
Historian	Leslie Blin <bblin@bser.com>	377-3339
Sunshine	Dolores Slade<	351-5559
Hospitality	Bob & Joy Cummings<	396-4647
Webmaster	Andie Burns <	

The Cedar Valley Rocks & Minerals Society was organized for the purpose of studying the sciences of mineralogy and geology and the arts of lapidary and gemology. We are members of the Midwest (MWF) and American (AFMS) Federations. Membership is open to anyone who professes an interest in rocks and minerals.

**Dues are \$10.00 per family per calendar year and can be sent to Dale Stout, 2237 Meadowbrook Dr. SE, Cedar Rapids, IA 52403.**

Visit us at:  
[www.cedarvalleyrockclub.org](http://www.cedarvalleyrockclub.org)

The club meetings are held the 3rd Tuesday of each month from September through November and from January through May at 7:15pm at the Rockwell Collins 35<sup>th</sup> St Plant Cafeteria, Cedar Rapids, IA. The December meeting is a Christmas dinner held on the usual meeting night. June, July, and August meetings are potlucks held at 6:30pm at area parks on the 3<sup>rd</sup> Tuesday of each month.

BOB ROPER, EDITOR  
 CEDAR VALLEY GEMS  
 996 13<sup>TH</sup> ST  
 MARION, IA 52302



It's Showtime!