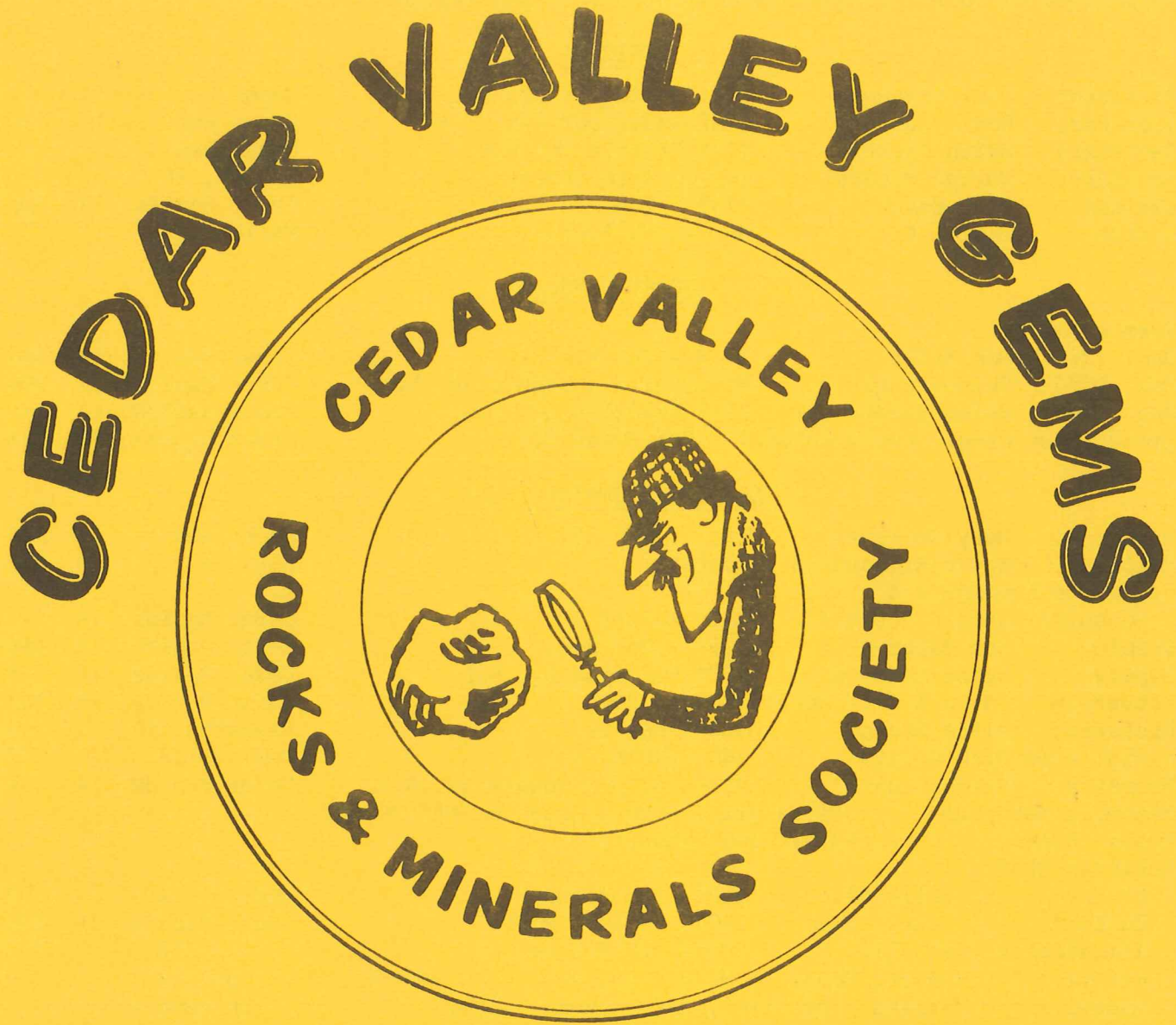


Editor
Not good



SEP 1979

CEDAR RAPIDS, IOWA



CEDAR VALLEY ROCKS AND MINERALS SOCIETY

CEDAR RAPIDS, IOWA

This corporation is organized for the purpose of studying the earth sciences of mineralogy, geology, and the arts of lapidary and Gemology. We were organized on June 12, 1951, incorporated on June 21, 1956, as a non-profit organization.

OFFICERS

President	Jack Bevauns	2011 Northgate Dr. N.E.	Cedar Rapids, IA	365-9365
Vice Pres.	Roger Dabler	6102 Underwood Ave. S.W.	Cedar Rapids, IA	396-3406
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Liaison	Fran Bates	2739 - 2nd Ave. S.E.	Cedar Rapids, IA	366-6012
Editor	Leslie Blin	505 - 5th Avenue	Marion, IA	377-3339

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Term ends:

Dec. 1979	Don Bates	2739 - 2nd Ave.	Cedar Rapids, IA	366-6012
Dec. 1980	Skinny Lutz	Wiley Blvd & Rogers Rd. N.W.	Cedar Rapids, IA	396-6194
Dec. 1981	Helen Shedenhelm	2111 Chandler St. S.W.	Cedar Rapids, IA	365-3089
Immed. Past Pres.	Larry DeSotel	247 Sussex Dr. N.E.	Cedar Rapids, IA	377-1641

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Pebble Pups	Sponsored by Club Members			
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Assembling & Mailing	The Blins, Jeff Nekola, Gladys Zobac and club members			

MEMBERS are requested to contribute articles to be published in the bulletin. Articles should be given to the Editor or Co-Editor by the FIRST of the month to be in that month's bulletin. Articles may be reprinted if credit is given the author and the bulletin.

CLUB MEETINGS: Third Wednesday of each month except June, July & August (we have picnics at parks) and December (2nd Saturday night is our Christmas Potluck and Party).
7:30 PM at Linn County Rural Electric Cooperative Building at 999 - 35th St., Marion, Iowa.

BOARD MEETINGS: Fourth Wednesday of each month except June, July & August.
At place announced by the President. 7:30 PM.

CLUB DUES: Due and payable January 1 of each year. Deadline if March 1.
REGULAR MEMBERSHIP - \$6.00 per adult couple; \$4.00 per single adult;
\$6.00 per family membership

JUNIOR or PEBBLE PUP - \$3.00 (a member under 18 years of age)

ASSOCIATE MEMBERSHIP - \$4.00 per family (associate members will receive the club bulletins but may not vote or hold office).

Persons joining during the year will pay dues to the nearest quarter.

CEDAR VALLEY GEMS
CEDAR VALLEY ROCKS AND MINERALS SOCIETY
CEDAR RAPIDS, IOWA

SEPT. 1979
VOL. 7, ISSUE 1
PAGE 1

SEPTEMBER MEETING

Wednesday, Sept. 19, 7:30 P.M.

REC Building in Marion

PROGRAM.....>.....>

Plus-MWF Show slides



Bring something you have found on a field trip, made, swapped for or bought this summer for the display and be prepared to tell us about it. Or tell us about your field trip. Bring snapshots of the big one you had to leave! Brag about anything you want to.

BOARD MEETING - The board meeting will be held Sept. 26, 7:30 P.M. at the home of Roger & Pat Dabler. Board members who cannot attend please contact Acting President Roger Dabler if you cannot attend.
ALL CLUB MEMBERS ARE WELCOME AT BOARD MEETINGS.

Field trips?? Plans are in the works for two field trips and a picnic but you'll have to come to the Sept. meeting for the details. Bring your calendars so we can set some dates.

CALENDAR OF EVENTS

- September 21-22-23...St. Louis, Mo. (Show) McDonnell Douglas Gem & Min.S.
" " 29-30...Marshalltown, Iowa (Show) Fairgrounds, Mid Iowa
" " 29-30* Rock Club
October 6-7...Mendota, Ill. (Show) High School Gym, Starved Rock Rosh-
hounds.
October 13-14..Clarinda, Iowa (Show) Cow Palace, Hawkeye Gem & Min,.Soc.
" 20-21..Sumner, Iowa (Show) Northeast Iowa Rock Club
November 10-11...Des Moines (Show) Red Horse Amory, Des Moines Lap.
APRIL 13-14, 1980....Cedar Rapids, Iowa, Hawkeye Downs-That's US!!!
* SEPTEMBER 29-30....Austin, Minn. (Show) Austin Gem & Min, Soc.
4-H Building, Fairgrounds (free)

PLAN YOUR 1980 vacations -1980 Regional Show Schedule

- California.. Aug. 1-3, Pasadena, Calif.
Eastern.....June 20-22, Charleston, West Virginia
MIDWEST.....June 12-15, Lincoln, Nebraska
Northwest...August 1-3, Boise, Idaho
Rocky Mountain...June 6-8, Topeka, Kansas
South Central....August 15-17, Shreveport, Louisiana

CONGRATULATIONS Jeff!

Jeff Nekola recieved the 3rd place award for his original article in hte junior division in the Midwest Federations contest and 7th place in the American Federation contest. The article " Cedar Rapids - A Rock-hounds Paradise" was published in the Sept. 1978 newsletter and I entered it in the contest last Jan. We're real proud of you Jeff!!

CONGRATULATIONS Gary! Junior member Gary Campbell recieved 4 blue ribbons and a brophy for his mineral display at the State Fair Rock Show. His display was "Minerals from other Countrys".

Skinny & Helen Lutz took a case of spheres for display in the State Fair Rock Show. A real nice show and well attended, they would like to see more of our club members bring cases next Aug.

CONGRATULATIONS to US!....And THANKS to Fran Bates for writing up our accomplishments in an orderly fashion and THANKS to everyone for sending the information. Our club recieved a trophy in the All American Merits Awards Contest. See the MWF newsletter in this bulletin.

NOT BAD BUT NOT GOOD ENOUGH... thats the story on the bulletin. This newsletter was entered in the Editors Contest but didn't place. Scored 87 out of 100 points . Needed articles written by members and more club activies would have helpdd the score. GET BUSY MEMBERS! I could also use someone who knows HOW to type and also some members who would like to gathers news and help assemble the newsletter. Call 377-3339.

SECRETARYS REPORT

Summer notes: Picnic-pot luck meetings were held in Marion parks in June and July with good attendance at both. "Collectables" were displayed, especially the beauties found on the South D^kota field trip. Such Fairburns! And Prairie agates!! Those who didn't make the trip missed some real goodies.

Our thanks to HOWARD and MIRANDA MEEK who hosted the annual sweet corn roast again this year in August. Superior corn, and tables of the usual good pot luck too! Wow! Thanks to all the Meek crew which works all day in preparing the corn for the rest of us....How good to have such a farm family in our club! And we envied Howard's opals which he had found on his trip to Idaho too. Double WOW!

The group heard the resignation of President Jack Eevaums offered in July because of the serious illness in his immediate family and the incompatibility of his work schedule with the demands of the organizations. No action was taken. Roger Dabler, Vice-President, will act as President until another one is obtained.

Submitted by Helen Troxel, Secretary

It isn't the things that go in one ear and out the other that hurt, it's the things that go in either ear and get all mixed up before they slip out the mouth....From Ft. Hamilton Gem, via The Conglomerate

The more milky the water is when you cut jade, the better the grade of jade. If the water isn't milky, then you don't have true jade, ybu have something else. from Gemdrops & Chips& Tips via The Geode

POLISHING LAKE SUPERIOR AGATES ...by Raymon Ferguson, a very talented rockhound who was a member of our club, belongs to Old Capitol of Iowa City I believe now.

Years ago I remember reading of a scientist who said of the bumblebee that because of the large body and small wings, it was physically impossible for a bumblebee to fly, but since no one ever bothered to tell the bumblebee about it, it keeps right on flying.

In the past year or so I have read two different statements on how difficult Lake Superior is to cut and polish. One article made it an impossible task. I have been cutting and polishing Lake Superior agates for many years, and I might add, with a fair degree of success. I have cut hundreds of the for bracelets, bolos, pendants, rings, etc. You see, no one even hinted to me (until recently) how very difficult they are to work. I knew that opal was very difficult to work and that tiger eye presents a few problems, but I never realized until recently that I have been practically doing the impossible for many years and didn't know it. Why in heaven's name didn't someone tell me about it long ago and save me all that work?

Seriously though, Lake Superior agate does present a few problems in cutting and polishing, because of the peculiar nature of the stone itself.

1. Most Lake Superior agates are fractured, many of them so badly they cannot be used for much of anything. But before complaining too much about the fractures, just remember they rode pigback for several hundred miles, on or in a glacier. We find them in Iowa, but they didn't originate there. They were carried by the glaciers somewhere north of here. As the glaciers melted they may have been rolled along for many more miles on the bottom of a raging river. Many of them were broken, many more of them fractured by the rough, hard treatment they received. I read someplace that internal stress may also account for some of the fractures. Whatever the cause, a fracture-free slice big enough for a 30-40 cabochon is rather hard to come by. Fracture-free slices big enough for 18 by 25, and smaller stones, are not too difficult to find.

2. The Lake Superior is a banded or a Fortification agate. (See June Culp Zeitner's splendid article in Sept. 1973 issue of Lapidary Journal.) It is this distinct banding of the Lake Superior agate that causes most of the problems encountered in cutting, sanding and polishing. This is true because of the tendency of the the stone to chip or split along the line of junction between the bands in the stone. Sometimes the light-colored band in the stone may be fine, granular quartz(sugar) instead of chalcedony. Sometimes this granular material will polish quite well, but if it happens to run parallel to the extreme edge of the cabochon, it will frequently crumble or chip if extreme care is not exercised.

The physical nature of the beautiful Lake Superior agate does present problems in cutting, sanding and polishing, but I have learned the hard way that a few simple precautions eliminate or minimize most of them.

1. Be sure your grinding wheel is well balanced so that it does not pound. An unbalanced wheel can easily fracture or crumble a small section on the edge of the stone you are grinding. This is especially true of banded stones such as the Lake Superior.

2. Always grind away from the edge of the stone toward the center of the stone. This is a good idea with any stone but is doubly important when

POLISHING LAKE SUPERIOR AGATES..(continued)

grinding a banded stone. Grinding toward the edge will tend to pry small sections of the stone loose and ruin your cabochon. Grinding toward the center of the stone eliminates this danger. It is just as important to observe this same rule in using the trim saw. You can ruin a good stone just as quick or quicker on the trim saw as on the grinding wheel.

3. Cover the entire back of your stone with dopping wax. This will reinforce any weak spot that happens to be on the edge of the stone.

4. Try to mark your stone so that the curvature of the bands in the stone do not exactly coincide with or come on the edge of your stone. Also, try to position any granular section of the stone as much toward the center as possible.

The Lake Superior agate is one of the most beautiful of all the agates. The variation and beauty of the designs created by the banding and fortifications in this stone is almost beyond description, and the wide variety of tints and colors found in various stones is fantastic. Although some Lake Superiors may require extreme care in working, for the most part, they are not too difficult to cut and polish once one realizes just where the problems lie.

From Rockhound Tales

NATURAL WONDERS PROTECTED IN IOWA....from ROCK TALK

Three prairie areas, and ancient Indian fish trap, and a "kettlehole" have been added to the list of other areas protected in Iowa and brings the number to 32 protected areas, according to Otto Knauth of the Des Moines Register.

Included in the preserves system are several geological preserves. The Fish trap was discovered on the Iowa River near the Amana Colonies in the 1920's and rediscovered during the 1950s drought. It is now exposed again during the current drought(1977-78) It is a low dam made by piling up river rocks to form a funnel pointed downstream and a circular basin next to it. Fish were driven down river through the funnel and into the holding pond to be caught later as needed. State Archaeologist Duane Anderson said the trap is probably 300-400 years old, but may be even older.

The kettlehole is a deep steep-sided depression in the hills overlooking the Little Sioux River in Dickinson County - west of Lake Okoboji. The kettlehole is believed to have been formed by an ice block that melted in place about 14,000 years ago. The block was formed when glacial sand and gravel piled up around the retreating ice.

Other geological preserves in Iowa include Gitchie Manitou in the northwest corner of Iowa, which contains the only outcropping in the State of pink Sioux quartzite, a rock estimated to be 1.2 billion years old.

Three caves are in the protected system - the natural entrance to Cold Water Cave, in Winneshiek Co., the Decorah Ice Cave, near Decorah, which is so cold it keeps ice in the summer, and the Starrs cave, a scenic spot on Flint Creek near Burlington. These are also state preserves. The Wittrock Indian Village in O'Brien Co., the site of an ancient fortified Indian Village; Fort Atkinson, in Winneshiek Co., a fort built to protect the Winnebago Indians against the Sioux in 1840s.

THE FIELD TRIP TO SOUTH DAKOTA.....by Roger Dabler

We met at our house at 2:30 A.M. on June 30th, fourteen of us. We all arrived in Rapid City at the campgrounds at 6:30 P.M. that day. Stayed at the Lazy J overlooking Rapid City. "Boy! What a view!"

Sunday morning went out to the Ranch and met the owners. They sure are nice folks. Mid-morning left for the Badlands. Had a picnic in the Badlands at noon and then headed for Conta Rock bedssouth of the Badlands. Had good luck. Bubblegum agates, prairie agates, fairburn, wood, chalcedony-- We were back at the campgrounds by 6:00 pm.

Monday we left camp at 7:00 am and headed for Custer. I made the wrong turn and we took the scenic tour to Custer. Took two hours. Went to Ray Curingtons house and he had TeePee Canyon agate all over his back yard. All of us took a picnic lunch so we stopped out west of Custer and ate lunch. Bob Baxa then took us to a dirt road and up the road all of us went. You talk about garnets, they were everywhere, the ground was covered with them. With dust pan, broom and sack we had super luck.

Tuesday we went to Wasta and the Cheyenne River. Wasta's Sand Plant is closed to rock hunting. So we scouted and got permission to get on private property and on the river. Luck was with us. The group found 16 fairburns, wood, jaspers, chalcedony, prairie agates, golden calcite, ammonites, baculites----when we got home we found that some of the jasper have fairburns in them. I found 8 more.

Wednesday the 4th of July we all went out to the ranch. Dan's brother took us out all day. We found jaspers, fairburn, wood prairie agates, and rattlesnakes. We went and looked at Fort Buckingham, it is out on the ranch.

Thursday we went back out to the ranch. We rode horses around the ranch buildings and took pictures. Then went out rock hunting. Jack, the owner, took us out all day. We found more of the same along with 2 rattlesnakes. We got back to the campgrounds a 9:15 pm that evening. We told Jack and his family good-by.

Friday we went to the South Dakota School of Mines museum and met one of the professors who gave us some real nice specimens. Went to Lead and Deadwood that afternoon.

Saturday morning we left for home at 4:30 A.M. and arrived here at 9:45 P.M. Saturday night. We traveled 2200 miles. It was 753 miles each way but well worth the trip for all the rocks-- 1 3/4 lb. Fairburn, 13 1/2 lb. prairie agates. Hope more can go next time.

THANKS, THANKS, THANKS, Roger. I know there were other field trips this summer but I haven't recieved any write-ups on them, get busy out there!!

DID YOU KNOW???? Baculites are Upper Cretaceous Cephalopods. They have a straight shell except for a small spiral initial stage. Their surface is smooth or with curved low rounded ribs. Suture symmetrical with intricate folding. Maximum lenght about 6 ft. but usually 3 to 6 inches.

Cephalopods are marine mollusks, similar to the living nautilus, octopus and squid. Ammonites are similar except coiled.

BY REQUESTLeslie's SWEET--SOUR MEAT BALL CASSEROLE

1-1½ lbs. lean ground beef
 ½ cup finely chopped onion
 ½ cup soft bread crumbs
 ½ cup milk
 ¼ teaspoon salt
 dash of WOR sauce -mix all this together and let stand 10 minutes or so.

Sauce-

1 (1 lb. 4 oz.) can pineapple chunks
 1 (10½ oz.) can condensed beef broth (consomme^o)
 ½ cup syrup from pineapple
 ½ cup vinegar
 1 Tablespoon soy sauce
 2 Tablespoon corn starch --drain pineapple chunks, add rest of ingredients to the pineapple juice and mix well.

MEAT BALLS-

Make a batter: beat one large egg with ¼ cup flour and 2 teaspoons milk. Make meat mixture into balls (12) about 1½ -2 inches in diameter or smaller if desired. Heat ¼ c. oil in a 10 inch skillet. Dip meat balls into the batter one at a time allowing excess batter to drip back. Brown slowly in heated oil turning to brown all sides. Drain off all but 1 Tablespoon of the oil. Add the pineapple chunks and broth mixture. Heat to boiling, stirring gently. Simmer 5 minutes longer til heated thro and sauce thickens. Sprinkle with parsley. Serve over rice or hominy. Pre-cooked rice can be added with the broth mixture for a casserole dish.

THOUGHT FOR THE DAY. Everything is farther away than it used to be. It is twice as far to the corner, and they have added a hill, I've noticed. I have given up funnin for the bus, it leaves faster than it used to. It seems to me they are making steps steeper than they used to in the old days; have you noticed the smaller print they use in the newspaper. There is no sense asking anyone to read aloud, everyone speaks in such a low voice that I can hardly hear them. The material in dresses is getting so skimpy, especially around the waist and hips. Even people are changing; they are so much younger than they used to be when I was their age. On the other hand, people my age are so much older than I am. I ran into an old friend the other day and she had aged so much she didn't even recognize me. I got to thinking about the poor thing while I was combing my hair this morning and in doing so I glanced at my reflection and CONFOUND it - they don't make good mirrors like they used to!
 from The ACHATES

STONE... by Lind Larson, from Cappers Weekly via THE ACHATES

It has nothing to say for itself. But when I observe the permanence it manifests in mausoleum and mountain, in cathedral and castle, I hear it eloquently speak for all men--eloquently speak their desire to last.

An expert doesn't necessarily know more than you do -- but he has it better organized and shows slides. Solano Chiefton in Pegmatite via GOLDEN SPIKE NEWS

Midwest Federations NEWSLETTER

Published monthly except July and August as a service to member clubs. All news, articles, subscription orders and requests for information should be sent to the Editor, Haydon Peterson, Parrot Printing, 2125 Forest Ave., Des Moines, Iowa 50311



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June 1979 - Issue No. 196

Columbus show was exceptional

By June Zeitner

The host clubs of Columbus, Ohio, under the direction of show Chairman, Carlton Davis, worked long and hard to produce one of the most beautiful, and most educational, and most interesting, shows ever held. The well planned floor space held 87 competitive and 57 special displays, many which were never seen previously at Midwest shows. No part of the hobby was overlooked. There were excellent fossil, mineral, lapidary, jewelry, archeology, and educational displays. Programs by well known writers, teachers, curators and artists, covered the spectrum of the earth sciences and lapidary arts. The courtesy, hospitality, and friendliness of the Columbus members was most outstanding.

Meetings and special events in the headquarters Sheraton had spacious and comfortable rooms. The Editor's breakfast, chaired by Paul Good, had the enthusiastic editors receiving their awards soon after 7:30 am. Meetings all started on time and business was transacted rapidly and smoothly. Highlight of the show was the Awards Banquet with Ted Cadeau as Master of Ceremonies and Dr. Clifford Frondel as speaker.

The great amount of creative planning, the enthusiastic cooperation of the host clubs, and the long hours put in by many individuals, certainly paid off with a show which will be the talk of the federation, and which will be emulated by other clubs for years to come. Congratulations and many thanks to the Columbus Rock and Mineral Society, the Rolling Stones, Rockwell International Gem and Mineral Club and Good Earth Mineral Society for a truly great and memorable show.

Bulletin Editors Contest Winners

Here is a list of the Bulletin Contest Winners as announced at the Editor's Columbus, Ohio, Aug. 4.

Mini bulletin contest

First "Flint Flashes" Helen Smith, editor Licking County Rock and Mineral Society, Ohio.

Second "The Slate" Pauline B. Johnson, editor Northwest Ill. Rock Club, Freeport, Ill.

Small bulletin contest

First "Worthen Worthy Notes" Irma W. Bradley, editor Worthen Earth Searchers of Hancock Co.

Second "The Template" Jacque Nawajoski Chicago Lapidary Club.

Third "The Rockfinder" Frederick C. Niebauer, editor Michiana Rock & Gem Club, Inc. South Bend, Ind.

Large bulletin contest

Judges Award; One Bulletin selected from All Entered for this special award. "The Geode" James P. Silva, editor perfect score, McDonald Douglas Gem and Mineral Society, St. Louis.

First "The Pick and Shovel" Evelyn Ulrich, editor Lincoln Gem and Mineral Club, Lincoln, Nebraska.

Second "Gem City Rock News" Rita C. Hagerbaumer, editor Gem City Rock Club, Quincy, Illinois.

Third "Pebble Pusher" John Boland, editor Coulee Rock Club, LaCrosse, Wisconsin.

Fourth "The Tulley" Betty Myers, editor Park Forest Earth Science Club, Park Forest, Illinois.

Fifth "The Earth Science News" Floyd M. Rogers, editor

ESCONI, Glen Ellyn, Illinois.

Sixth "Sandscript" Marilyn McFadden, editor Duneland Rock Club, Gary, Indiana.

Seventh "The Pyriter" Lyle Voas, editor Dallas County Rock Club, Inc., Minburn, Iowa.

Eighth "The Beachcomber" Nan Huff, editor Lake County Gem & Mineral Society, Zion, Illinois.

Ninth "Crystal Cluster" Jean Mueller, editor Des Plaines Valley Geological Society, Illinois.

Tenth "Chip and Lick" Martha Miller, editor Miami Valley Mineral Club, Ohio. "The Petosky Stone" Sylvia Harken, editor C.A.I. Lapidary Club, Drayton Plains, Michigan.

New bulletin editors

First "The Glacial Drifter" Bob & Ruth Beauvais editors Grand Rapids Mineral Society, Michigan.

Second "Rock Dust" Gladys Holliday editor Sioux Empire Gem and Mineral Society, South Dakota.

Third "The Trilobite" Margaret M. Pearson editor Wisconsin Geological Society, Wisconsin.

Special publications

First "E.L.S. Handbook—25 Years of Growth" Luella Bond editor Evansville Lapidary Society.

Second "The First Ten Years" Helen & Howard Smith author Licking County Rock & Mineral Society Inc., Ohio.

Third "Lance Kuhnline: A Whale of a Scrimshander" Bob Hunter author, McDonnell Douglas Gem & Mineral Society, James Silva editor, Missouri.

Awards . . . continued on reverse side

Your 1980 Regional Show Schedule

Here are the dates and locations of the six Regional Shows in 1980. Note that the National Show and Convention will be held in Lincoln, Nebraska in conjunction with the Midwest Federation, June 12-15, 1980.

CALIFORNIA	EASTERN	MIDWEST AFMS SHOW	NORTHWEST	ROCKY MOUNTAIN	SOUTH CENTRAL
August 1-3, 1980 Pasadena, California	June 20-22, 1980 Charleston, West Virginia	June 12-15, 1980 Lincoln, Nebraska	August 1-3, 1980 Boise, Idaho	June 6-8, 1980 Topeka, Kansas	August 15-17, 1980 Shreveport, Louisiana

Why they win

By June Zeitner, Chairman

Some clubs are often among the winners of the Midwest Merit Awards and the All American Awards. The winners are not always from big cities, and they are not always big clubs. They are not always clubs with plenty of money. And they are not all experienced older clubs either.

What do these clubs have in common? Spirit! Enthusiasm! Zeal! They are clubs who love what they are doing and reach out to help others fall in love too, with the wonderful world of minerals.

Here is a resume of the winners for the Midwest Federation.

DUNELAND ROCK CLUB, Gary, Indiana. These 55 members work together to serve their Federation and community. They have a lapidary workshop for Senior Citizens, which was such a success the county started to bus people from all over the county to take part in the classes. They set up a lapidary shop in the Junior high school, which was copied by three area high schools.

ISHPEMING ROCK AND MINERAL CLUB, Ishpeming, Michigan. The proximity of this club to well known field areas, has inspired this club to be leaders in field trips, safety, and information about their mineral-rich area. The 94 members are strong in all round service to members, other clubs, community, and Federation.

MC DONNELL DOUGLAS GEM AND MINERAL SOCIETY, St. Louis, Missouri. This active club of 106 members has a comprehensive bulletin, excellent educational programs, 12 club field trips, a competitive show, lapidary workshops, an exceptional and much used library, and so many special events that the group is really like a big happy family.

CEDAR VALLEY ROCKS AND MINERALS SOCIETY, Cedar Rapids, Iowa. Very active in their community, the 121 members hosted a large and successful show for the Midwest in '78. The club has an extensive speaker program for the community and provided 45 talks on the earth sciences for organizations in the area last year. They sponsor two geology students from the University of Iowa, for their required field work expenses.

ROEHM GEOLOGY CLUB, Berea, Ohio. An exceptional club of 106 Juniors, this club is a consistent winner, even with a constantly changing membership. Twenty % of the Roehm Junior High students belong to the dynamic group. Members have as many as 20 field trips a year, participate in shows all

over the country, bringing back many trophies. They give talks to elementary classes, they take educational geology tours, and they serve the Midwest Federation.

EARTH SCIENCE CLUB OF NORTHERN ILLINOIS, Downers Grove, Illinois. The 474 members have 7 separate meetings in a month, with expert leaders helping the study groups cover archeology, lapidary, micromounts, mineralogy and paleontology. Members are involved in helping juniors, commity projects, Federation work, and mostly being of service to each other, so that a large club seems like a small intimate group.

Judges are always impressed by the variety of projects clubs are involved in. The winners always have all the activities that other clubs have, but beyond that they have something extra. A little more creativity. A few extra activities. And an indefinable spirit.

Midwest Judges for this year were Terry and Marie Huizing, Chuck and Jinny Jennings, and Charlotte Ferguson. The Federation had 40 entries, with Illinois and South Dakota having the most entries. There were also 12 Honorable Mention Certificates.

Awards . . . continued from front page

Original article contest (adult division)

First "Mercury—Interesting & Useful—But deadly" Betty Myers, Park Forest Earth Science Club.

Second "Hey, Nessie, Was your mother a Plesiosaurus" Jack Mueller, Des Plaines Valley Geological Society.

Third "T.L.C. for Fossils" Diane Dare, Evansville Lapidary Society.

Original article contest (junior division)

First "Sharks & their awesome teeth" Joseph Myers, Park Forest Earth Science Club.

Second "The LaBrea Tar Pits" Joseph Myers, Park Forest Earth Science Club.

Third "Rockhound Paradise" Jeff Nelola, Cedar Valley Rocks & Minerals Society.

New type faces

Parrot Printing Service, the Des Moines based printing firm that prints the AFMS Newsletter and the Midwest Federation Newsletter, has installed new electronic typesetting equipment. It will enable them to set copy faster and block it on the right in addition to the "ragged right" they have used in the past in our Newsletters. A complete new group of type faces are now available and the look of the Newsletter will take on a different appearance. Parts of this issue was set on their IBM composer before the new equipment was installed and part after the electronic equipment was placed in service.

WITH OUR MEMBERS

GET WELL SOON ---GLADYS ZOBAC has been in St. Lukes hospital (room 427 at this time) for a long time, a month I think, with osteom yelitis. And will be there for a few more weeks. We're all wishing you a speedy recovery, Gladys. You notice this is a small newsletter without speedy typist & Co-editor Gladys. Get well Soon!!!

NORMAN BROWN, CONNIE BEVAUNS, ANNE GRISHAM AND WILMA RAMSELL all had surgery this summer and are recovering well we hope.

CONGRATULATIONS!

GERALDINE BROWN and Richard Jacobs were married on August 18th, at home at 525 5th Ave Marion.

DON & NEVA SHAW lost a great-granddaughter and a granddaughter recently. The three month old great granddaughter died suddendly and the granddaughter died from complications after the birth of a daughter. Our sympathy goes out to them and their families.

CLIFF & JACKIE sold their home in JULY, had an auction in August and moved to Powell, Wyoming. Sorry to see them go, come back and visit real often and we hope you're enjoying your new style of life,

WELCOME

New member WANDA DERBY TO CVR&MS. She lives in Marion Mobile Home Court Lot 85 according to the Gazette and is quite a traveler, they had a nice story about her in the Sept. 3 issue. We're looking forward to knowing you better.

Have you read the article in the Lapidary Journal by former member GENE BURRY? "Autobiography of an Iowa AGate Lover", is a must reading for every one so beg, borrow or buy the Sept. issue. Beautiful Urbans, Keswick and zollie agates cover two pages, in color. He tells about Jess Richards who many of us will always remember.

ADD TO YOUR DIRECTORIES -Terry Wallace
Terry has been a member 1160 14th St.
but I didn't have his Marion, Iowa
address or phone . 52302
377-1068

Renewed memberships:

Lyle & Karen Waterman
210 Lawrence St, Nashua, Iowa
50658

Charles & Sylvia Hinchcliffe
824 - 18th St. S.E.
Cedar Rapids, Iowa 52403
366-629

THE Sept issue of NATIONAL GEOGRAPIC has a good article on "Search For the First Americans".

Don't forget your bragging rocks!
Sept 19th
Leslie, Robert, Pat, Mike & Betty
and get well, Gladys!

IRON DISCOVERY IN IOWA

Dr. Stanley Grant, State Geologist of Iowa, has announced the discovery of a large deposit of iron ore in northeastern Iowa. The 90 foot thick vein was found during deep test drilling for water. Since it is at a depth of 540 feet, the mining would have to be underground, and there are no immediate plans for recovering the ore.

Grant, in an interview for the Iowa daily press said that he believes northeast Iowa has untapped deposits of lead and zinc also. He specified the Waterloo area as having a significant potential for resources.

Lead and zinc have been mined in the Dubuque area for several hundred years, and coal has been produced in the Des Moines area. However Grant pointed out that because of its excellent soils, Iowa has not paid much attention to its metallic desposits. Grant, well known to Iowa club members, was the banquet speaker for the Midwest Federation in 1978.

from Sept. 1979 AFMS newsletter

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