

THE JASPILITE



ROCK and MINERAL CLUB

P.O. Box 102
ISHPEMING, MI. 49489

Affiliated with the Midwest Federation of Mineralogical & Geological Societies
Business Meetings: 1st Fri. of Month. 7 PM--Jacobetti Veterans Facility
425 Fisher Street, Marquette, Michigan
Program & Activity: 3rd Sun. of Month. 2 PM Marquette Township Hall, West of Marquette, Michigan

Dear Clubmembers,

I thank all of you for your hard work in making the SWAP a very successful venture; for the IRMC. There are just too many of you who give of your time and effort to list; just take pride and satisfaction in a job well done. The field trip on Sunday proved to be very successful and interesting--it was a wild looking place! Everyone appeared to take home more than they needed. There were some fantastic patterns and colors!

We still have one, maybe two field trips yet if the weather stays good. Thanks to our field trip leader.

With fall just around the corner, there is still time to get out and enjoy the great outdoors. See you at the next meeting.

Ernie Johnson, president

.....from the Secretary--Dawne Smail.....

Field trip leader, Bruce Spike, made arrangements for our club to collect at the Lake Ellen diamond pipe area and Groveland mine in June and to visit at the F. Steinbrecker farm to view all the stone work in and around the house and yard. Some good finds were made and everyone had a wonderful time. Too bad more of our members can't make these trips.

The field trip to Lindberg's Quarry the day after the IRMC's annual SWAY was a super one. More visitors than club members enjoyed an afternoon of freshly available Kona dolomite and Weewee slate.

September 3-9, the IRMC members will have a collecting trip in the Copper country. The headquarters will be based at the Hancock City Campgrounds. Beaches and mine dumps are on the agenda for the days with friendly socializing in the evening around a campfire.

The Swap report reflects good planning and good results. There was a wide variety of rocks, etc., on the silent auction tables with some lively bidding at times. It was nice to see so many happy and enthusiastic youth in attendance. Dan Fountain, club member, and author of gold mines in Marquette County gave us a preview of the book with the use of slides at the Cracker barrel session. Very interesting!

During the MWF convention Dave Olson was appointed assistant State Director. He will have the Bay de Noc and IRMC clubs to look after. Congratulations Dave!

Scholarship recipients for 1992 are: NMU--Thomas H. Rasmussen, 1104 Tonti Rd., Marquette, Mi., and MTU--Mary Larson, 2007 C Woodmar Drive, Houghton, Mi.

Business meetings of the club are held the first Friday evening of the month, 7:30 p.m. at the Jacobetti Veteran's Facility. Drive to the back of the building off Fisher St. (E. end) and use the new entrance. Hostesses will be: October 2---Ina Anderson November 6--Ingrid Bartelli December--Pat Proconier January--Ernie Johnson February--Smalls

We resume our indoor program meetings in October at the Marquette Township Hall at 1:30 pm on the 3rd Sunday of the month unless otherwise noted. If you need directions call a club member. We have a short business meeting followed by a short talk on a particular mineral by a member and a display of that mineral by all club members who have specimens. This is a way for new members to begin learning to recognize minerals. Next is the main program followed by coffee and visiting. There is a sign up sheet for the door prize drawing and 3 or 4 lucky people will be able to take a prize home with them.

The dates for the program meetings, MINERAL and door prize donors are as follows:
October 18----Olive Sain MICA and the Sains will bring door prizes
November 8---Ernie Johnson ASBESTOS and Ernie will bring door prizes
January 19----Dave Olson GOLD and Arnold Mulzer will provide door prizes
February 16---Dawne Smail SILVER and the Smalls will bring door prizes

The club wishes to thank Bob and Jim Proconier for making arrangements to collect at the Ropes Gold Mine and the Verde Antique Quarry on July 19th. The cars were lower to the ground after we left those two sites. A picnic lunch was enjoyed at the Al Quall Park in Ishpeming. Then the rains came! But a few hardy souls followed leader, Bruce Spike, to that famous Pluton north of Negaunne to collect 'Phenocryst for paper weights, book ends, and clocks. We finished the day dining at Bonanza--a favorite place for we rockhounds.

The members of the club extend their sympathy to Laurence Sain in the death of his brother Russell Sain, August 27.

"The optimist feeds on faith and enriches his opportunities; the pessimist nibbles on negatives and weakens his courage."

PRIZE #	PRIZE	DONATED BY	WINNING TICKET	WINNER	
1.	\$50.00 cash	IRMC	1012	Robby Sipe	L'Anse, Mi.
2.	Bird's eye Maple Clock	Dave Meyers, IRMC	523	Judy Becerril	Birch Run, Mi.
3.	Copper maple leaves	COPPER ARTS, Calumet	430	Marlon Lindberg	Ishpeming
4.	Gold & Turquoise Neck- lace & Ear rings	Pat Procunier, IRMC	1097	Adelia Gustafson	Iron Mt., Mi.
5.	Float Copper specimen	KEWEENAW GEMS & GIFTS	122	Frank L. Cambensy	Marquette
6.	Kona pen set	Ernie Johnson IRMC	839	Peterson	Clarendon Hills, IL
7.	Hematite buckle	Lowell Smail, ISMR	1343	Mike Mlinar	Marquette, Mi.
8.	U.P. Gold Tie Tac	WATTSSON & WATTSSON	1076	Robert Scrvogeau	K.I.Sawyer AFB
9.	Brazilian Agate Wind Chimes	Dave Olson, IRMC	222	Marion Hains	Marquette, Mi.
10.	Kona Dolomite Clock	Bob 7 Marian Markert	400	L. Holmgren	Ishpeming, Mi.
11.	White Pine Copper Specimen	RAY JUST, Hancock	346	Fay Basto	Negaunee, Mi.
12.	Sterling Silver Necklace	SHADES OF THE PAST Houghton, Mi.	342	Karen Bush	Ishpeming, Mi.
13.	Kona Dolomite Clock	Laurence Sain, IRMC	217	Tom Fey	Monroe, Mi.
14.	Picture stone-buckle	Nelson Short, IRMC	383	Elaine Sigulinsky	Petoskey, Mi.
15.	Agate--Ming tree	Olive Sain, IRMC	1336	Edwin Pelkonen	Lantana, Fl.
16.	Kona Dolomite pen set	Pat Bemis, IRMC	1238	Virginia Hoffman	Marquette, Mi.
17.	Set of 2 paintings on Kona Dolomite	Don Auler, IRMC	766	Steve Locatis	Marquette, Mi.
18.	Float Copper Book ends	Don & Jan Ruonavaara IRMC	1301	Regis Walling	Marquette, Mi.
19.	Set of 3 paintings on Kona Dolomite	Don Auler, IRMC	002	Father Schaeffer	Marquette, Mi.
20.	Kona Dolomite Clock	Bruce Spike, IRMC	477	Sally Ahrandt	Skandia, Mi.
21.	Hematite Necklance and Ear rings	CAT'S EYE CREATIONS IRMC	1196	Larry DeBour	K.I.Sawyer AFB
22.	Copper Ore Clock	Les Anderson, IRMC	598	Went Sliter	Marquette, Mi.
23.	Mother of Pearl Neck- lace & Ear Rings	Dawne Smail, IRMC	1308	Lynn Anderson	Marquette, Mi.
24.	White Pine Copper Specimen	RED METAL, INC. Hancock	1109	W.J. Tippett	Sun Lake, Az.
25.	Malachite buckle	Leonard Bartelli, IRMC	164	Steve Savageau	K.I.Sawyer AFB
26.	Puddingstone Clock	Jim Procunier, IRMC	1324	Dorothy Salani	Marquette, Mi.
27.	Oil Painting	Mrs. Louise Anderson, IRMC	1246	Helen Kela	Ishpeming, Mi.
28.	Turquoise dyed Howlite Buckle & Bolo	Leon Anderson, IRMC	599	Ted Pepin	Ishpeming, Mi.
29.	Poppy Jasper--Buckle and Bolo	Chet & Jackie Bulat IRMC	1154	Selina Meyer	Marinette, Wi.
30.	Amethyst Necklace	Milt Gere, IRMC	528	Doroty Bowns	Ahmeek, Mi.
31.	Rock Clock	Charles Yeihey, IRMC	1181	Tom Nelson	Pontiac, Mi.
32.	Amethyst Specimen	Jack Walli, Hubbell, Mi.	97	Dorothy Meyers	L'Anse, Mi.

Isn't this a great list of lovely raffle prizes donated by club members and businesses who support the educational purposes of our club. A big thank you to all of them and to all you who purchased tickets.

FALL COLOR TOUR.....Bruce Spike

It's that time of year again. Natures preview which we have been seeing over the past two or three weeks makes you wonder if the colors will be extra early. At this point in time to quote Ernie Johnson, we can only guess.
Look for a date about Sept. 27 or Oct. 4. Since we will be heading west into Baraga County, colors could peak a little early.

Regardless of an exact date, here is our schedule: Meet at the Courthouse, Baraga Ave., Marquette at 8:30 a.m. then we can get everyone on the road by 9:00. Those who live further west can join the convoy at Snyder Drug west of Ishpeming. Late comers may get left behind (it's better to plan on being early and not hold up those who come on time.)

First stop will be at Van Riper State Park (pit stop) on the north side of US 41 just east of the Peshekee River. There are some beautiful hills just about a mile north at Martin's Landing, a swing through there will warrant a few shutter snaps.

Then back to U S 41 and head west, if you don't know which way is west, hang a right onto U S 41. Next stop; Sturgeon River Park about a mile south of Alberta. A short hike down stream to see Canyon Falls and Upper Falls. It is about 3/4 mile down to the Upper Falls, if you take your time you can still make it in about an hour.

Next, hang a left onto U S 41 and head for L'Anse. We might stop in to the Bishop Baraga Shrine rather than try for the Arvon Slate Quarry. With all the rain we have had the road near the quarry may be impassable. It was in bad shape the last time I was there.

Regardless of road conditions, on the Arvon road, we will continue on Skanee road to McCombe Corner, then Erick Road to Big Eric's Bridge and the water falls on the Big Huron River. Good pit stop at the little park here.

From here its southeast on the Big Bay Road through the woods to the Triple A road and the Yellow Dog Plains. We can check to see if the old log building at Anderson's Homestead is still standing. The Yellow Dog Plains are forested with Jack Pine but there are numerous clearcuts and new plantings to give you a view of the hardwood hills to the south.

If anyone has enough energy left they can visit Pinnacle Falls on the Yellow Dog River. Its downhill in but a steep climb back up.

Eventually we will come to County Road 510. Here you have a choice of routes to go home. To the left you will join Co. Rd. 550 which leads to Marquette. To the right, Co. Rd. 510 leads to Midway Drive and U.S. 41; road conditions may be rough but the scenery is great.

Have a nice day and pray for good weather.

(A suggestion: Because it's a case of one date or the other and you don't want to sit outside the courthouse on the first date in vain, call Bruce Spike and let him know that you would like to go and would like a call before the exact date. There will be no other way to contact you.)

.....New IRMC Members.....

Since the last Jaspilite mailing, we have these additional new members to add to our membership roster. We welcome you and hope to see you at as many meetings and field trips as you can manage. Join us in our activities, learn with us, share your rockhound experiences with us, and our mutual sharing will bring us closer together in good fellowship.

92 Brown, LeRoy		P.O.Box 338	Galesville, Wi.	54630
92 Hyrnan, John	906/228-2522	2517 Norwood	Marquette, Mi.	49855
92 Leake, Charles & Cecilia	704/891-9760	197 Haywood Knolls Drive	Hendersonville, N.C.	28739
92 Lowe, Dave & Dianne	608/222-5130	5222 Turner Ave.	Madison, Wi.	
92 Meyer, Ed & Gloria	715/735-9007	2818 Minnesota St.	Marinette, Wi.	54143
92 Meyer, Lorraine N.		W 2971 Bay Road	Peshtigo, Wi.	54157
92 Yadon, Charleene	906/225-0396	2573 Norwood St.	Marquette, Mi.	49855
92 Mattson, Beverly	906/346-4598	1349 W. M 35	Negaunee, Mi.	49866
92 Snyder, Virgil W.	906/487-2619	729 Quincy St. Apt. 9	Hancock, Mi.	49930
92 Donnelly, Dan	906/485-4687	612 N. 5th	Ishpeming, Mi.	49849
92 Levandoski, James. M.	616/792-2537	3164 13th St.	Hopkins, Mi.	49328
92 Allen, William C. & Frances V.	906/789-5670	P.O. Box 495	Escanaba, Mi.	49829
92 Maki, John C.	906/225-0398	2005 Neidhart	Marquette, Mi.	49855
92 Arbour, Larry	906/346-5757	120 Constellation	K.I. Sawyer AFB.	49843
92 Johnson, Greg & Mary Jane	906/225-5101	115 E. College Ave.	Marquette, Mi.	49855
92 Caron, Glenn E., Sr.	906/346-4170	HCR 392	Gwinn, Mi.	49841
92 Sundquist, Jennifer	906/486-6843	Rte. 3, 3875 Co. Rd. CD	Ishpeming, Mi.	49849
92 Hoffman, Richard & Virginia	906/225-1420	350 W. Park St.	Marquette, Mi.	49855
92 Kunath, Rick & Jean	906/475-4613	205 Queen Rd.	Negaunee, Mi.	49866
92 Manto, Chuck	906/323-6557	P.O. Box 10	Michigamme, Mi.	49861
92 Mitchell, Mark & Rod	906/228-8897	342 W. Crescent St.	Marquette, Mi.	49855
92 Debolt, Randy, Arlene & Megan	906/226-8047	# 8 Industrial Park Rd.	Ishpeming, Mi.	49866

Please correct the spelling of 2 members in the June issue of the Jaspilite. The spelling should be Blabaun, Janet and Dyl, Frank.

STATE- STONE--- "PETOSKEY STONE"

Who said rocks do not talk? For example, a Petoskey Stone, through legend and facts, can tell you much about Michigan history and geology.

Legend and history are often intertwined. Such is the case with the Petoskey Stone. The name Petoskey Stone likely came about because it was found and sold as souvenirs of the Petoskey area. The name Petoskey appears to have originated late in the 18th century. Its roots stem from an Ottawa Indian legend.

According to legend, a descendant of French nobility named Antoine Carre visited what is now the Petoskey area and became a fur trader with the John Jacob Astor Fur Company. In time he met and married, an Ottawa Indian princess. Carre became known to the Indians as Nea-a-tooshing. Eventually he was adopted by the tribe and made chief.

In the spring of 1787, after having spent the winter near what is now Chicago, Chief Nea-a-tooshing and his royal family started home. Enroute, the party camped on the banks of the Kalamazoo River. During the night, a son was born to the Chief. As the sun rose, its rays fell on the face of the new baby. Noting the glorious sunshine on his son's face, the Chief proclaimed, "His name shall be Pe-tos-e-gay (or Be-dos-e-gay, there are several versions). He shall become an important person." The translation of the name is "rising sun", "rays of dawn" or "sunbeams of promise."

True to his father's prediction, Pe-tos-e-gay became an important person. He was a fur trader and merchant who acquired much land and wealth. His appearance was outstanding. His skin was smooth, his eyes sharp and deeply set, and he spoke English quite well. Ultimately he married the young daughter of Chief Pok-o-zee-gun, and Ottawa Chief from the northern southern peninsula of Michigan. They had two daughters and eight sons.

In the summer of 1873, just a few years before the death of Pe-tos-e-gay, a city came into being on his land along the bay at Bear Creek. The site was a field overgrown with June grass. Only a few nondescript buildings existed. The population was not more than 50 or 60. It was named Petoskey, an English adaptation of Pe-tos-e-gay. Thus they honored someone who gave his

land, named and the heritage of "sunbeams of promise."

Today Petoskey is a growing city with all the comforts of modern life and an appreciation of modern life and an appreciation of the past. This is where Petoskey Stones are found. For those who look, Petoskey stones are along the beaches, inland in gravel deposits and in gift shops.

The most often asked question is, "What is a Petoskey Stone?" Petoskeys are a fossil colonial coral. These corals lived in warm shallow seas that covered Michigan during Devonian times some 350 million years ago.

Almost a century after the founding of Petoskey, on June 28, 1965, Governor George Romney, signed a bill that made the Petoskey Stone Michigan's Official State Stone. It was fitting that Miss Ell Jane Petoskey, the only living grandchild of Chief Pe-tos-e-gay, was present at the formal signing.

The legislation is very general. The bill simply states the Petoskey Stone is the State Stone. The designation of Hexagonaria percarinata was made by Dr. Edwin C. Stumm in 1969. Dr. Stumm made this distinction based on his extensive knowledge of fossils.

This specific fossil coral is found only in the rock strata known as the Gravel Point Formation. The Gravel Point Formation is part of the Traverse Group of Devonian age. The Gravel Point Formation is a mixture of limestones and shales. The outcrops of these rocks are restricted to the Little Traverse Bay area near Petoskey.

The Gravel Point Formation is only part of the Devonian geologic history found in Michigan. Devonian age rocks form the bedrock for much of the northern Southern Peninsula. Devonian rocks outcrop at less than 3 percent of the surface of the United States. Michigan's average is much higher. Much of what is known is interpreted from the fossil record.

At least seven different species of the genus Hexagonaria are found in Devonian rocks in Michigan. The Petoskey Stone family of corals are found in Iowa, Indiana, Illinois, Ohio, New York, Canada, Germany, England, and even Asia. These corals are difficult to distinguish from each other on casual inspection. In order to tell these corals apart you must become familiar with coral anatomy and the related terms.

(To be continued....from Michigan Dept. of Natural Resources Geologic Publications.)

OFFICIAL PUBLICATION OF THE ISHPEMING ROCK & MINERAL CLUB
IRMC OFFICERS FOR 1992

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2nd V. Pres.	Lowell Smail	100 Marble	Ishpeming, Mi. 49849	228-982
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Treasurer	Bruce Spike	197 Midway Drive	Hegaunee, Mi. 49866	486-658
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				226-732

Mailing address: Ishpeming Rock & Mineral Club, Inc., P.O. Box 102, Ishpeming, Mi. 49849
Membership Chairman--2nd V. P. The club is open to anyone interested in the Earth Sciences.
Initiation fee: \$1.50. Annual Membership dues: Husband & Wife- \$3.00, Adult-\$2.00, Jr.-\$1.00

OUR PURPOSE

To enjoy, to learn, to teach and to conserve
The rocks, the gems, the fossils and ores.
To collect, to admire, to brag and to show
The material we've found, we'll trade for yours.

.....Bob and Marian Markert



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