



ROCK and MINERAL CLUB
P.O. Box 102
ISHPEMING, MICHIGAN 49849

THE JASPILITE

Affiliated with the Midwest Federation of Mineralogical & Geological Societies

Business Meetings: 2nd Thursday of the Month, 7 PM...Jacobetti Veterans Facility - 425 Fisher St., Marquette, Michigan

Program Meetings: 3rd Sunday of the Month, 2 PM...Marquette Township Hall - 161 Co Rd 492 - west of Marquette, Michigan

FROM THE PRESIDENT'S DESK

HAPPY NEW YEAR TO ALL!

On behalf of the Executive Committee, thank you to everyone for their confidence in returning the same slate of officers for another term of office.

Many great things will be on the agenda for our Club in 1998. There will be field trips, the Show & Swap, and we have the Regional - Midwest Federation of Mineralogical and Geological Societies and the National - American Federation of Mineralogical Societies holding their combined annual conventions in the Copper Country this summer. Check your **JASPILITE** for details.

As with other organizations, we must reach out and attract more members to our Club if it is to survive. If each of us would bring one friend to a program, just imagine how our membership could grow! Looking forward to a prosperous New Year, I am,

Sincerely,

Nicholas J. Ilinicky

Nicholas J. Ilinicky - President

Bob Markert, founder (Jan., 1953) and lifelong member of the Ishpeming Rock and Mineral Club passed away Tuesday, January 13, 1998, at the age of 81. His wife, Marian, preceded him in death in July, 1995. Bob was the first President of the IRMC and was a past President ('59'-'60') of the Midwest Federation of Mineralogical and Geological Societies. He and Marian owned and operated Markert's Rock Shop & Motel, west of Ishpeming at the corner of U.S. Hwy 41 and Wawanowen Road for many years, later moving the Rock Shop to the old, historic Brewery building on Meeske St. in Marquette. Bob's family included a sister, his two sons and their wives, five grandchildren, and two great-grandchildren. Bob will be missed by all our members, especially those who were touched by his helping hands, kind words, and his vast knowledge of the minerals and collecting locations in his beloved U.P. and around the world

Charles Robert "Bob" Markert (1916 - 1998)



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

Things Remembered - Things Loved
Building a Wonderful Family
Working for the U.S. Post Office
Painting the Recipes for Pasties and
"Bob's Cake" on the Kitchen Floor for
All to Admire
Serving in the Seabees in World War II
Setting Examples that Challenged Your Sons
to Succeed with Integrity and Ambition
Sponsoring and Caring for a Family of
Hungarian Refugees
Creating the Cub Scout Pack
Painting Pictures
Instigating the Sea Scout Post
Building the Alter (Kona Dolomite) in the
Wesley Methodist Church
Founder and President of the IRMC
Rock Hunting
Creating Markert's Rock Shop and
Trailer Park
Teaching and Helping Others
Cutting and Polishing Jewelry
Marian, Your Sons and Their Families,
Especially Your Grandchildren
and Great-Grandchildren

MYSTERY MINERAL OF-THE MONTH

Remember, the best way to win the mineral description in a book have the correct name if your guess

mystery mineral is to research the before the meeting so that you will is pulled from the hat.

by
Ray DeMark

January - The mineral enigma for January is one that most Club members probably have in their collections. It is a common mineral in the U.P., and particularly in the volcanics of the Keweenaw peninsula. It is a complex calcium, aluminum, iron silicate ($\text{Ca}_2\text{Al}_2\text{FeOSiO}_4\text{SiO}_7(\text{OH})$) that forms crystals in the monoclinic system. The crystals are short to long prismatic, often deeply striated; also thick tabular to acicular. It is also commonly massive, coarse to fine granular, and even fibrous. The hardness is 6-7 with a specific gravity about 3.3. It has perfect cleavage in one direction. The most distinguishing characteristic of this mineral is the color. It is usually a yellowish green to pistachio green and may be transparent to opaque. It has a vitreous luster and the streak is uncolored to grayish. It occurs chiefly in regionally metamorphosed igneous and sedimentary rocks but also as an alteration of plagioclase feldspars and in contact zones. Superb examples of this mineral can be found in many world wide locations. Crystals from Prince of Wales Island, Alaska, and Untersulzbachtal, Salzburg, Austria immediately come to mind. **No excuses excepted for missing this one!**

February - February's mystery mineral is a mineral that forms in a series. It is part of the Plagioclase (feldspar) group. The series ranges from Albite {Ab}, ($\text{NaAlSi}_3\text{O}_8$) to Anorthite {An}, ($\text{CaAl}_2\text{Si}_2\text{O}_8$). The minerals in this group are characterized by the percentage of Anorthite {An} end member they contain. Thus, albite is described as 'An 0-10', which means it only has 0-10% of the calcium-rich end member, anorthite and has 90-100% of the sodium-rich end member, Albite. Our mystery mineral is described as 'An 50-70', which means it has 50-70% of the calcium-rich end member anorthite and less than 50% of the sodium-rich albite. If you understand all this, you are well on your way to becoming a true "mineralogist". This mineral forms triclinic crystals and has a hardness of 6-6.5. The specific gravity is around 2.7 and it has perfect cleavage in one direction and nearly perfect cleavage in two other directions. The crystals are tabular, but not common. This mineral is usually massive, cleavable, granular or compact. Twinning is common. The mineral may be colorless, yellow, white, or gray and frequently shows plays of bright colors such as blue, green, red, yellow, and pearl gray. It is transparent to translucent with a vitreous luster and has a white streak. This mineral occurs widespread as a constituent of basalts, gabbros, and other igneous rocks. It is most famous as fine large masses, showing a vivid display of colors, from the northeastern area of Canada (from which its name is derived). This mineral is also found in some of the basalts in the Keweenaw series in Houghton and Keweenaw counties. Good luck!

March - The name for our March mystery mineral is now a name that describes two minerals (marialite & meionote). These two minerals also form a chemical series that varies between marialite ($3 \text{ NaAlSi}_3\text{O}_8 \cdot \text{NaCl}$) to meionite ($3 \text{ CaAl}_2\text{Si}_2\text{O}_8 \cdot \text{CaCO}_3$). The group name applies to both these minerals and all the chemical variations that occur between both end-members. This mineral crystallizes in the tetragonal system, has a hardness of 5-6.5, and a specific gravity of 2.5-2.8. Wernite is a name commonly used to describe intermediate members of this group. Crystals are usually prismatic and coarse and may be quite large. The mineral is brittle, has a vitreous luster, and its color may be white, gray, yellow, or even bluish, greenish, or reddish (the color is usually light). The mineral is transparent to translucent and the streak is uncolored. It is common in metamorphic rocks, as crystalline schists, gneisses, and amphibolites. It is most abundant as a contact metamorphic mineral in crystalline limestones near the contact with granite or allied rocks. It is often associated with light colored pyroxene, amphibole, garnet, and also with apatite, titanite, and zircon. Several locations in Ontario, Canada produce excellent specimens. In Michigan, it is reputed to occur at the Metronite & Rinn's Quarries near Felch in Dickinson County.

April - Our mystery mineral for April is a relatively common specie that has a very simple chemistry. It is a zinc carbonate (ZnCO_3). Crystals are in the hexagonal system and usually rhombohedrons with curved faces common. Most collectors are more familiar with this mineral in botryoidal, stalagmitic, or reniform specimens. The hardness is 4 - 4½ and it has nearly perfect rhombohedral cleavage. The specific gravity is 4.3 - 4.45. The color may be white, grayish, pale to deep yellow, yellowish brown to brown, pale green to bright apple green, bluish green, blue and even pale to deep pink! It is transparent to translucent with a vitreous to pearly luster and a white streak. It is probably best known for spectacular botryoidal specimens of bright blue to blue-green color from the Kelly mine near Magdalena, New Mexico. High quality stones may be used for lapidary purposes. It has not been reported from Michigan. This one is a "piece of cake"!

MEETING NOTES

October.....November.....December

October program meeting (10/19/97): Meeting called to order by Pres. Nick Ilnicky at 2:00 p.m. There were 23 adults and 1 child present, no guests. Minutes were read by Kathy and approved. Treasurers report given by Ernie: total assets \$15,797.07. \$100 Deposit was given to Negaunee Township Hall. to secure the hall for the '98' Show; Friday 9 a.m. to Sunday at 1 p.m. Treasurers report was approved. Dave presented some bills: \$142.60 for Jaspelite printing and 2 reams of paper - \$10.50. Also jaspelite mailing will be done. Motion to accept bills by Olive seconded by Don Ruonavarra. Cliffs Shaft project- no changes; meetings still ongoing on environmental concerns. Midwest convention - Dave mentioned that anyone can donate minerals to the silent auction. Proceeds will go to the endowment fund. Get any donations to Dave by Wednesday eve - boxed, labeled & wrapped. IRMC - Peter White Project - the specimens are in the cases (set up by Dave, Ray, Ernie). The Club members were encouraged to visit the Library and view the minerals. When the coming Library expansion is complete we might consider an ongoing display. Nominating committee - will be picked next month. Ray DeMark - responded to correspondence by a California grade-schooler, Cody Hack, looking for some regional specimens: Ray sent him Greenstone and Hematite and others. Mystery Mineral - Muscovite, correctly guessed by Olive Sain. She won a muscovite specimen from the Harding Mine in New Mexico. Door Prizes from Ernie Johnson - man's went to Dave Olsen, woman's to Jan Ruonavarra, there was no visitor so we picked another name - Unabelle Weaver was the lucky winner; the three lucky winners each received a Tourmaline/Quartz from the Humbolt mine in western Marquette County. The child's prize was won by Audra Basal and was a mineral collecting book. **Christmas Dinner** - Ida Anderson will be called about possible menus; we were reminded of the gift exchange. Nov. program meeting - Stan Dyl will speak on Nov. 9th. **Library - GEOLOGICAL SURVEY OF MICHIGAN, Volume 1, UPPER PENINSULA, 1869 - 1873**, donated by members Bob & Ila Smith of Panama city, FL may not be an uncommon book so we may let it go at a silent auction. Business part of the meeting was adjourned and Ray DeMark gave a talk on the do's and don'ts of field collecting. Very informative from a veteran field collector. Don & Jan Ruonavaara leave - southwest for the winter - tomorrow. We realize they will surely miss us and all of the snow - try to have a good time, guys. 11 or so will go to Bonanza for dinner today at 5:00. Bruce will call in the reservations. Refreshments were served.

November business meeting (11/07/97): The meeting was called to order at 7:00; ten members were present. The minutes were read and accepted with one correction - the book donated by Bob Smith will be placed in the IRMC library, not sold at silent auction. Nick & Fran Ilnicky attended the MWF Convention in Davenport, IA on 10/24-26/97. Nick reported that the MWF dues increase passed. The IRMC Constitution revision proposals, which will be voted upon in December, contain a proposed dues increase as well. Nick also stated that in the future, when the convention is many miles away, expenses incur quickly and the Club's stipend for its delegate may need to be higher than the present \$100 (ed.: 1997 was the 1st year for the \$100, in past years the stipend has been \$50). The nominating committee has been appointed: Ernie Johnson, Ray DeMark, and Dave Olsen. Ingrid Bartelli presented an outline on planning for the Christmas Dinner meeting and has taken care of all the details. It was agreed to give our Nov. program speaker, Stan Dyl, an honorarium. Mr Dyl, the Director of Michigan Technological University's A. E. Seaman Mineral Museum, is traveling here from Houghton to speak to us. Ernie mentioned that the '97-98' MTU scholarship nominee is John Lovell (the NMU nominee is unknown at this time). The meeting adjourned at 7:40. Refreshments were brought by Ingrid Bartelli, apple nut cake, Very yummy!!!

November program meeting (11/09/97): The meeting was brought to order by Pres. Nick at 1:45 p.m. 26 adults and 4 children present. The minutes were read by me, moved by Pat Procnier & seconded by Mike Basal - approved. Ernie gave the treasurers report, unchanged from Nov. 7. No bills or correspondence presented. Nick reminded us of the Christmas Dinner on Dec. 7. Club members will pay \$5.00 and visitors \$11.00. The dinner has been arranged by Pat Procnier. Remember to bring a \$5.00 wrapped gift, man for a man, lady for a lady, and so on. Bring door prizes if you wish. Dinner will start at 1:00. Olive Sain read the description of the Mystery mineral and it was correctly guessed by Sally Ahrndt - It was Bixbyite. Alan Korby presented the door prizes. They had been donated by Virginia Foreman and were copper samples from the Copper Country. Unabelle Weaver won the woman's, Mike Basal got the man's, Kathy Fiorani the visitor's and Amy Fiorani the child's. The 50/50 was won by Al Smith (\$ 7.00). There were 6 persons who wished to eat at Bonanza. The business part of the meeting was adjourned. The program speaker for the day was Stan Dyl from the Seaman's Mineral Museum. He gave a slide presentation, an overview of the museum's collection and it's plans for the future. Refreshments were served.

December Christmas Party {Annual Meeting} (12/07/97): Buffet dinner at 2:00 at the Northwoods Supper Club. 42 members, several bringing guests, were present. There was one special guest - Stan Dyl Director of the Seaman Mineral Museum in Houghton was the Club's guest for the day. Ernie Johnson was M.C. A thank you to Pat, Bob, Jim, & Debra Procnier for planning the dinner and making the table decorations. Dawne Smail gave the grace before dinner. After dinner, the business meeting was held. Dave Olsen made a motion proposing Honorary Membership for 4 individuals: Bart & Ingrid Bartelli, Arnold Mulzer, and Olive Sain. Nick Ilnicky seconded the motion and it was passed unanimously, with much applause. It was announced that Albert Murray is the oldest living member of the Club. Dave Olsen, speaking for the Nominating Committee, then announced the nominees for the IRMC officers for 1998: president - Nick Ilnicky, vice president - Ray DeMark, secretary - Kathy Waters, and treasurer - Bruce Spike. Other nominations were called for and, there being none, a motion was made, seconded, and approved to close the nominations. A motion to elect the slate of officers was made by Ernie Johnson, seconded by Sally Ahrndt, and unanimously approved. Nick mentioned the program meeting for January will be held at the Peter White

Library, on the second floor - Ray DeMark will talk on the importance of some of the Club's specimens on display. An audit committee needs to be established and will be set up at January's business meeting. Nick also reminded the group that the business meeting night has been changed; the meeting will be on the 2nd Thursday, Jan. 8th, at 7:00 P.M. at the Jacobetti Home for Veterans. Ernie Johnson gave the name of NMU's scholarship nominee - Matthew Koss. Bob Proconier made a motion to accept Mr. Koss, seconded by Fran Ilnicky, and approved. Dave Olsen then auctioned a piece of copper ore (2"x3"x5") from the Gettysburg area in Pennsylvania - Nick Ilnicky was victorious with a winning bid of \$17.50. Ray DeMark then read the description of the mystery mineral for December. Of the persons trying their skill/luck in identifying the mineral, Olive Sain was the lucky winner with her guess of Danburite. Dave Olsen then explained the proposed constitutional changes and they were put to a vote by secret ballot. The changes were in the form of two proposals, A & B: proposal A, editorial & past-practice changes throughout the Constitution and By-laws, was unanimously accepted; proposal B, dues increase, was accepted with 41 yes votes to 1 no vote. The gifts and door prizes were then distributed. Merry Christmas and Happy New Year to All!!!!

THE IRMC'S NEW HONORARY MEMBERS

During the IRMC's annual meeting, the assembled members had the great honor to elect four of our Club's long-time members to the status of Honorary Membership. **Lenoard "Bart" Bartelli, Ingrid Bartelli, Arnold Mulzer, and Olive Sain** were singled out for this high honor because they all have the following traits: they have all been members for more than 20 years, they all have either held officers positions within the Club (some several different and/or multiple times), they have all been willing, even eager, to teach others and pass along their knowledge of rocks, minerals U.P. collecting sites, techniques, and they have all shared their love of this hobby with all who cared to bend an ear or swing a hammer. It is exceedingly difficult to list all of their contributions to the IRMC, the hobby, and to their fellow rockhounds; here are but a few: **Bart Bartelli** - Bart was the Club's Field Trip Chairman for many years, leading the members in search of Iron Range and Copper Country treasures, his quick wit and good-natured humor help make all who know him: friend; **Ingrid Bartelli** - a lady who will share her wealth of knowledge with all she meets, from mushrooms (and mushroom spore art) to micromounts of filamentous pyrite and splendid sammetblende goethite brushes from the Ohio Mine to the tiny arborescent copper crystals, nestled in sparkling phenite from long-abandoned mines in the Copper Country's Keweenaw Peninsula; **Arnold Mulzer** - Arnold immediately catches and holds the interest of all who ask questions about his collecting experiences or about the specimens he brings to Club meetings. Arnold was, for many years, the Club's delegate to the Midwest Federation Conventions and also served as the Club's treasurer for some of those years; **Olive Sain** - a former president of the IRMC, Olive served as the Club's bulletin editor for more than 20 years, in several multi-year periods of time. She has been a moving force in the education of young people and has been taking one of the lead roles in sharing her knowledge and the resources of the Club and its members with the evolving U.P. Children's museum in Marquette.

As was stated earlier, it is very difficult (impossible in the small space available in **THE JASPILITE**) to list all the accomplishments of our new Honorary Members. Please, join with the IRMC Executive Committee in offering these four members of our Club our heartfelt thanks and congratulations for all they have unselfishly done for our Club and for our hobby.

KIDS - KIDS - KIDS

A Helping Hand for Youth via Identified Rocks & Minerals

First, lets review what we presently have in the Rocks and Minerals egg cartons we offer children/beginners at our Swap and Show. Every item is numbered and named, a permanent reference; ready to be the beginning of a small notebook listing the minerals (one to a page) with ample room to write down information, description, use, etc., as the new collector learns from books, friends, and now, computers.

Egg carton #1 has the following minerals: Copper, Pyrite, Specular Hematite, Magnetite, Limonite, Goethite, Calcite, Gypsum (Satin Spar), Quartz-Agate, Quartz-Crystalline, Muscovite & Feldspar, and Garnet in Schist.

Egg carton #2 has examples of: 4 Igneous rocks: Pumice, Obsidian, Basalt, and Granite; 4 Sedimentary rocks: Sandstone, Clay Concretion, Limestone, and Fossil; and 4 Metamorphic rocks: Slate, Quartzite, Jaspilite, and Kona Dolomite. This fits in with a "geology" unit in grade school.

"Proposed" Egg carton #3 - we have talked about minerals for this one and have 50 specimens of each of the following: Galena, Fluorite, Epidote, Flint, and Chert. We **STILL NEED** 50 of: ANKERITE, CHALCOCITE, PETRIFIED WOOD, BORNITE, GRAPHITE, SHALE, and 25 small GEODES - sawed in half.

Other possibilities: Azurite, Malachite, Siderite, Sodalite, Linarite, Chrysocolla, etc. - as long as you have 50 small pieces of a kind. At this point we can use them in place of those printed in Capitols. Any minerals over the 12 kinds needed to fill egg carton #3 will be held for carton #4.

Lets all get behind this project and help our youth become acquainted with and interested in our mineral resources. This request goes to all our Club members, near and far. We need Fifty of a kind, about the size of a walnut or a small egg. If you don't have any of what is needed, ask friends in other clubs you belong to. Remember, they can be 50 of a kind not mentioned above. Please include where each mineral is found.

Write to me when you have 50 of a kind. I would like to know by early May. Each mineral will be assigned a number and this number must be put on each specimen. The twelve names, with their corresponding numbers, need to be put on a strip of paper and the strip then glued in each of the egg cartons. You may need to send me the minerals or I can let you know the numbers assigned to that mineral and you can put it on each specimen and bring them to me a few days before the Show and Swap.

Future young rockhounds thank you for being interested in them and for providing a permanent visual collection of rocks and minerals.

Olive K. Sain

CALIFORNIA DREAMIN

"No other single event in the history of California has had such a profound impact on the economic development of the state as the discovery of gold at Coloma in the winter of 1848. Most of the gold found in the early part of the "gold rush" was in the form of dust or nuggets separated from the debris of the rivers and streams west of Sacramento.

Later, when the gold became harder to find using primitive gold pans, rockers and sluices, large companies were formed to mine the gold in situ. From these lode mines, as they are called, gold is found in the rock (usually quartz) where it formed millions of years ago. Most of the gold from the lode mines is irregular masses ranging from microscopic size to pieces weighing tens of pounds.

If the conditions at the time the gold is formed are exactly right, the gold will form crystals. Crystals of gold are extremely rare and only one mine out of a thousand will produce crystallized gold.

Crystallized gold has several forms ranging from flat plates, called leaves, to distinct crystals with sharp lustrous faces, in the forms of octahedrons, cubes and variations of each. These types of gold specimens are of interest to museums and collectors due to their extreme rarity. The value of a crystallized gold specimen is not tied to the intrinsic value of gold it contains."

from the internet - Kristalle internet web page - <http://www.kristalle.com/index.html> - 09/16/97 (used with permission from Donna Leicht)

NEW-MEMBERS:

Debra L. Manninen	4312 Renas Rd	Gladwin, MI	48624	(517) 426-2707
Dean Stone	6525 N. Lafayette St.	Macolmb, IL	61455	(309) 833-2378
Keith & Gladys Voss	23012 Kendaville Rd.	Pierson, MI	49339	(616) 937-5107

NEW-ADDRESSES:

Doug Courtman	328 Hunt Line	RR #1 Powassan ONT CANADA	POH 1Z0	(705) 724-5454
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1998 IRMC DUES ARE DUE NOW!

If the year paid number on your mailing lable is 97, you need to pay your 1998 dues. Please send a check (see the dues table on page 8 of THE JASPILITE) to the Club's P.O. address (also on page 8). Please read Article II, Section 2, page 1 of the By-Laws.

Ishpeming Rock Mineral Club

<i>PD</i>	<i>Name</i>	<i>Phone #</i>	<i>Street Address</i>	<i>City, Prov/St</i>	<i>S/W</i>	<i>e-mail address</i>
98	Ahrndt Sally	(906) 942-7669	Boyer Road	Skandia, MI 49885		
97	Allen William C. & Frances V.	(906) 789-5670	P.O. Box 495	Escanaba, MI 49829		
97	Anderson Leon	(906) 346-3466	Box 186	Little Lake, MI 49833		
97	Anderson Leslie & Ida	(906) 486-8875	121 E. Barnum St.	Ishpeming, MI 49849		
97	Auler Don & Dorothy	(312) 832-0479	623 E. Highland Avenue	Villa Park, IL 60181		
LM	Bartelli Leonard & Ingrid	(906) 226-3762	2010 Sugar Loaf Avenue	Marquette, MI 49855		
98	Basal Michael, Pamela & Audra	(906) 942-7108	305 Townhall Rd.	Skandia, MI 49885		
98	Beauvais Robert & Ruth	(616) 534-3871	3308 Wilson S.W.	Grandville, MI 49418		
98	Bemis Charles & Theresa	(906) 346-3361	5305 Rice Lake Drive	Gwinn, MI 49841		
98	Berglund Stephen	(906) 774-6184	121 Rexford St.	Kingsford, MI 49801		
97	Bischoff Vincent & JoAnn	(708) 453-3374	2559 Thather	River Grove, IL 60171-1757		Bishoff@wwa.com
97	Blabau Janet M.	(608) 929-7881	1925 Pompey's Pillar Rd.	Highland, WI 53543		
02	Bowns Dorothy	(906) 337-5912	Keewenaw Pines Apt C, Box 348	Mohawk, MI 49950		
LM	Boyum Burton	(906) 485-1854	1740 Glendora Lane	Ishpeming, MI 49849		
98	Braden Clara	(906) 226-7686	1215 Sherman	Marquette, MI 49855		
98	Bradford Jill	(906) 222-4603	555 Old Little Lake Rd.	Marquette, MI 49855		
98	Breyer Richard	(906) 753-4756	Box 404	Stephenson, MI 49887		
97	Bulat Chester & Jacqueline	(630) 968-2628	309 Third Street	Downers Grove, IL 60515		
97	Buratschek Alex		8468 Birchbark	Mancelona, MI 49659		
97	Cavanaugh Charles & Ruth	(317) 447-3400	3141 Prairie Lane	Lafayette, IN 47904		
98	Courtman Doug	(705) 724-5454	328 Hunt Line	RR #1 Powassan, ONT CANADA POH 1Z0		
97	Crook Bill & Janet	(920) 748-2633	557 Scott ST.	Ripon, WI 54971		
98	Daly Bettie	(906) 360-8518	126 CR 550	Marquette, MI 49855		
00	De Petro Francis & Barbara	(906) 228 7317	1938 Neidhart	Marquette, MI 49885		
97	DeBolt Myron & Karen	(906) 249-3653	182 Tracie Lane	Marquette, MI 49855		
98	Debolt Randy, Arlene & Megan	(906) 226 8047	2725 Wright St.	Marquette, MI 49855		
98	DeCaire Jim & Norma	(906) 485-5778	Cooper Lake Rd.	Ishpeming, MI 49849		
97	DeLisle Kathleen	(906) 482-9396	9 N. Royce Rd.	Hancock, MI 49930		
98	DeMark Raymon & Judith	(906) 225-5488	530 E. Arch St.	Marquette, MI 49855		
98	Doe Lyle W. & Jean K.	(937) 296-9673	4087 Stonehaven Rd.	Kettering, OH 45429-1745		lyled38@aol.com
98	Droszcz Jerry & Carolyn	(815) 459-8498	447 Hampshire Lane	Crystal Lake, IL 60014		
97	Duester Everett & Sue Lake	(906) 337-4419	RR#1 Box 425	Calumet, MI 49913		
97	Eamey Fillmore C.F.	(906) 225-0436	63 Elder Drive	Marquette, MI 49855		
98	Eleby Lisa & Aaron	(906) 226-8071	944 Sherman	Marquette, MI 49855		
98	Elie Mrs. Pat	(906) 346-9742	Box J	Gwinn, MI 49842		
98	Foreman Virginia H.	(906) 226-3000	1515 Lynn St.	Marquette, MI 49855		
98	Fountain Danial	(906) 475-5395	167 E. Buffalo Rd	Negaunee, MI 49866		
97	Gallun Bob & Gerry	(906) 337-2663	RR 1 Box 419A	Calumet, MI 49913	S	
97	Gallun Bob & Gerry		214 Spring Valley LN.	W. Lafayette, IN 47906	W	
98	Gallus George R. & Pat	(906) 573-2243	HCR 1 Box #443	Wetmore, MI 49895		
97	Gere Milt & Shar	(906) 249-9972	108 Surrey Lane	Marquette, MI 49855		Gerem@state.mi.us
97	Helppi AnnMarie	(906) 226-9788	P.O. Box 7043	Marquette, MI 49855		Swan44@aol.com
98	Hill Florence	(517) 349-3554	3135 Okemos Road	Mason, MI 48854		
97	Hyrman John & Trish	(906) 228-2522	2517 Norwood	Marquette, MI 49855		
98	Inicky Nicholas	(906) 249-3892	#42 Stonegate Heights	Marquette, MI 49855		
98	Johnson Ernest & Helen	(906) 228-9422	1962 Fair Avenue	Marquette, MI 49855		EJohnson@nmu.edu
97	Johnson Greg & Mary Jane	(906) 475-5007	91 N. Basin Drive	Negaunee, MI 49866		
97	Kangas William & Lucy	(906) 485-5488	220 Lawrence Ave.	Ishpeming, MI 49849		

Ishpeming Rock Mineral Club

<i>PD</i>	<i>Name</i>	<i>Phone #</i>	<i>Street Address</i>	<i>City, Prov/St</i>	<i>S/W</i>	<i>e-mail address</i>
97	Kittila Ramona	(906) 345-9266	221A CR 550	Marquette, MI 49855		
98	Korby Allan	(906) 475-6302	116 Ceder Lane	Negaunee, MI 49866		
98	LaBerge Gene & Sally	(414) 231-4122	4417 Honeysuckle Ct.	Oshkosh, WI 54904		
97	LaChance Dave, Ann & Cori	(906) 249-5108	1891 M-28 E.	Marquette, MI 49855		
98	Lawry Bruce J.	(906) 485-1987	P.O. BOX 494	Ishpeming, MI 49849		
97	Leake Charles	(704) 891-9760	197 Haywood Knolls Drive	Hendersonville, NC 28739		
98	LeSuer Dottie	(313) 595-0077	35890 Oakwood Lane	Westland, MI 48185		
98	Manninen Debra L.	(517) 426-2707	4312 Renas Rd.	Gladwin, MI 48624		
97	Manty Walter	(906) 486-4107	Rt. 3 Rd PBB Box 1045	National Mine, MI 49865		
97	Mapes Dennis	(906) 475-9345	309 S. 3rd St.	Marquette, MI 49855		
98	Markert Dudley	(103) 425-5954	9324 Willow Pond Lane	Burke, VA 22015		markert@erols.com
97	Markert Scott, Warren & Summer	(410) 747-4774	1110 Mc Doo Avenue	Baltimore, MD 21207		markert@hq.navfac.navy.mil
98	Markham Charles	(906) 482-2217	Rte #1 Box 79 1A	Atlantic Mine, MI 49905		
99	Meyer Ed & Gloria	(715) 735-9007	2818 Minnesota St.	Marinette, WI 54143		
97	Midle Ron	(906) 226-9788	P.O. Box 7043	Marquette, MI 49855		
98	Mitchell Mark & Rod	(906) 228-8897	342 W. Crescent St.	Marquette, MI 49855		
99	Morris Tom Jr.	(313) 278-5063	4553 Shenandoah	Allen Park, MI 48101		
LM	Mulzer Arnold	(906) 226-2321	322 Rock Street	Marquette, MI 49855		
98	Murray Albert	(906) 786-6959	2115 Ludington	Escanaba, MI 48929		
98	Myers Dave & Dorothy	(906) 323-0013	P.O. Box 113	Michigamme, MI 49861	S	
98	Myers Dave & Dorothy		1200 S. U.S. HWY 80 TRLR 40	Benson, AZ 85602-7065	W	
00	Nolte Donna		21926 S. Vermont # 30	Torrance, CA 90502		
98	O'neal George & Gene Louise	(313) 426-3570	9558 Stinchfield Woods Rd.	Pinckney, MI 48169		
98	Olsen Betty	(906) 226-2815	328 E. Prospect St.	Marquette, MI 49855		
98	Olsen Dave & Nina	(906) 228-9829	909 W. Magnetic Street	Marquette, MI 49855		dolsen@up.net
97	Procunier Jim & Debra		P.O. Box 732	Marquette, MI 49855		
98	Procunier Pat	(906) 485-4263	572 Jopling Avenue	Ishpeming, MI 49849		
97	Procunier Robert	(906) 485-4263	P.O. Box 462	Ishpeming, MI 49849		
98	Quayle Jim	(906) 485-5234	739 Wabash St.	Ishpeming, MI 49849	S	
98	Quayle Jim	(813) 783-6946	6101 Ridgewood Dr.	Zephyr Hills, FL 33541	W	
98	Ruonavaara Don & Janice	(906) 475-7637	146 M 35	Negaunee, MI 49866		
97	Said Susan & Adam	(906) 387-3600	1492 Washington St.	Munising, MI 49862		
LM	Sain Olive	(906) 226-7325	818 W. Kaye Avenue	Marquette, MI 49855		
97	Schuder Don & Mary	(906) 337-1062	RR 1 Box 424	Calumet, MI 49913	S	schuder@aol.com
97	Schuder Don & Mary	(317) 463-5887	2319 Sycamore Lane	W. Lafayette, IN 47906-1927	W	
98	Scotti Lucille	(517) 887-2104	6235 Haag Rd.	Lansing, MI 48911-5453		scottil@voyager.net
98	Sharkey Charles & Linda	(513) 451-0164	1009 Neeb Rd	Cincinnati, OH 45233-4106		
98	Short Nelson & Marian	(517) 546-0700	27 Endicott Drive	Howell, MI 48843		
97	Simpson Claudette	(906) 387-4062	RR 2 Box 75	Christmas, MI 49862		
97	Slocum Jim	(715) 779-3308	P.O. Box 1283	Bayfield, WI 54814		
97	Smail Lowell, Dawne & Dixie	(906) 486-6588	100 Marble Rt #2	Ishpeming, MI 49849		
98	Smith Allan R. & Joyce A.	(906) 225-0408	204 Midway Dr.	Negaunee, MI 49866		
97	Smith Robert K. & Ila	(904) 871-0687	7440 Oak Ridge Dr.	Panama City, FL 32404		robertk@interoz.com
98	Snyder Gary, Joshua, & Brandon	(906) 249-3218	19 Stone Gate Dr	Marquette, MI 49855		
97	Spike Bruce & Sharron	(906) 226-3933	197 Midway Drive	Negaunee, MI 49866		
98	Starbuck Marve & Kitty	(616) 649-1991	7637 V Avenue East	Vicksburg, MI 49097		
98	Stone Dean	(309) 833-2378	6325 N. Lafayette St.	Macolmb, IL 61455		
98	Suardini Linda S.	(906) 475-4502	P.O. Box 250	Ishpeming, MI 49849		
98	Swadick George & Carol	(906) 249-1384	220 Van Epps	Marquette, MI 49855		

Ishpeming Rock Mineral Club

<i>PD</i>	<i>Name</i>	<i>Phone #</i>	<i>Street Address</i>	<i>City, Prov/St</i>	<i>S/W</i>	<i>e-mail address</i>
97	Syrjala Sue & Hannah	(906) 486-6246	703 W. Empire St. Apt. 302B	Ishpeming, MI 49849		
97	Tyynismaa Barbara	(906) 485-1239	Rt 3 Box 81	Ishpeming, MI 49849		
98	Voss Keith & Gladys	(616) 937-5107	23012 Kendaville Rd.	Pierson, MI 49339-9604		
97	Ward Joseph O.	(517) 635-2159	P.O. Box 8	North Branch, MI 48461		
99	Waters Brad & Kathrine	(906) 486-9094	Rt 1 Box 74	Ishpeming, MI 49849		
97	Wattson Ron & Darlene	(906) 228-5775	118 W. Washington St.	Marquette, MI 49855		
98	Weaver Floyd & Unabelle	(906) 774-4515	W9335 Peterson Dr.	Iron Mountain, MI 49801		
98	Weekley Robert & Mary Lee	(904) 769-1884	207 N. Church Avenue	Panama City, FL 32401		
98	Wiig Arthur	(906) 475-6363	141 Kivela Road	Negaunee, MI 49866		
97	Williams Don & Victoria & Jennifer Chrisman	(906) 249-5136	265 Fairbanks	Marquette, MI 49855		
97	Woodriff Barb	(608) 325-5688	2308 10th St.	Monroe, WI 53566		
98	Yeihey Charles & Alma	(906) 387-3692	1113 E. Munising Avenue	Munising, MI 49862		

Dear Ishpeming Rock and Mineral Club Member:

!!! PLEASE NOTE !!!

Enclosed is a copy of the newly revised IRMC Constitution and By-Laws. Please read this document, it is the blueprint for the reason for the Club's existence and for the way the Club's day-to-day operations are carried out.

This is the ONLY copy of the IRMC Constitution and By-Laws you will receive free-of-charge (1 copy per member-household), please keep it in a safe place. Any additional copies you may need will cost whatever the reproduction & mailing costs are (approximately \$1.50 - \$2.00) {1/98}.

Any thoughts, suggestions, or comments you have regarding these pages may be directed to the IRMC President at:

**The Ishpeming Rock & Mineral Club, Inc.
P.O. Box 102
Ishpeming, MI 49849**

1998 IRMC MEETINGS

Programs	Planning/Business Meeting Refreshments	Program Meeting Door Prizes
01/18 <u>IRMC Collection</u>	01/08 <u>Alan Korby</u>	01/18 <u>None</u>
02/15 <u>Fred Rydholm (megaliths) & Lapidary</u>	02/12 <u>Pat Proconier</u>	02/15 <u>Bob Proconier</u>
03/15 <u>Microminerals</u>	03/12 <u>Kathy Waters</u>	03/15 <u>Dave & Nina Olsen</u>
04/19 <u>Silent Auction</u>	04/09 <u>Nick & Frances Ilnicky</u>	04/19 <u>Ernie Johnson</u>
05/17 _____	05/14 <u>Olive Sain</u>	05/17 <u>Olive Sain</u>
09/20 <u>Show & Tell</u>	06/11 <u>Don & Jan Ruonavaara</u>	09/20 _____
10/18 _____	07/09 <u>Ernie Johnson</u>	10/18 _____
11/15 _____	09:10 _____	11/15 _____
12/06 <u>XMAS Party & Election</u>		

FIELD TRIPS

DATE	FIELD TRIP	WHEN & WHERE TO MEET
5/17 (?)	Seaman Mineral Museum & Quincy Steam Hoist	TBA
5/22-25	Copper Country - agates, thompsonites, micros, copper, silver, etc.	Hancock Campground - (906)482-7413
6/14	TBA	TBA
7/19	TBA	TBA
8/7	Ohio & Champion Mines, - micros, amethyst, smokey quartz, specular hematite, etc.	09:00 - MQT Blockbuster's Parking lot
8/9	Lindberg's Quarry - Kona Dolomite	13:00 - Negaunee Township Hall
8/10-16	Copper Country - Red Metal Retreat, MWF/AFMS Convention, Copper Country Club Show, more than 20 field trips	Houghton - MTU Gates Tennis Center, call Steve Whelan (906)337-2599, e-mail Steve swhelan@portup.com or visit the web site: www.portup.com/~swhelan/ccrnc/
9/5-7	A Labor Day weekend trip ?? we need ideas	TBA
9/26 or 10/4	Bruce Spike's Color Tour	TBA

May 17th **BUS TRIP to the A.E. Seamen Museum:** The club has talked about a bus trip some place for the club members for a number of years. We have tentatively planned a field trip to the Seamen Museum in Houghton and then to the Quincy Mine Hoist in Hancock. We would leave from Marquette early in the morning, 8:00 am or so, and return late afternoon - early evening. The projected cost for the bus would be a maximum of \$15.00 per person if thirty signed up. If more signed up the cost would decrease (the club would provide some funding toward the bus cost). All other costs - food, etc. - would be the individual's responsibility. Things to think about: no driving, time to talk with and enjoy the fellowship and get to know other club members. If you are interested, please send a check for \$15.00 per person, made out to the Ishpeming Rock and Mineral Club, **please note the check is for the bus trip**, to the IRMC, P.O. Box 102, Ishpeming, MI 49849 **BEFORE APRIL 1, 1998**. The checks will not be cashed before 4/1/98. If there are at least 30 persons signed up by 4/1/98 the trip is on, if not, your checks will be returned. ERNIE JOHNSON

NEAR-BY SHOWS

February

1/15 - 2/15 **Quartzite, AZ** At least 6 different shows/meetings will be held in Quartzite, AZ. {Lapidary Journal Calendar - December, 1997} for more information.

1/25 - 2/16 **Tucson, AZ** At least 26 different shows/meetings will be held in Tucson, AZ. {Lapidary Journal Calendar - December, 1997} for more information.

March

3/20 - (1-7) **JACKSON, MI** Michigan Gem & Mineral Society's 36th Annual Gem & Mineral Show, Commonwealth Commerce Center, 209 E. Washington St., Shirley Dziura, 3813 Hull Rd., Leslie, MI (517) 589-8116 {Lapidary Journal Calendar December, 1997}

April

4/8 - 4/11 **Grand Rapids, MI** Indian Mounds Rock and Mineral Club's 33rd Annual Show - Eastbrook Mall, 3655 28th St. S.E., Eldon Potter, 1478 Blanchard ST., Wyoming, MI 49509 {Lapidary Journal Calendar - December, 1997}

4 11 (9-7)
4 12 (10-5)

Green Bay, WI Neville Public Museum Geology Club's Rock, Gem, & Mineral Show - "The Earth's Treasures"
Comfort Suites, 1951 Bond St., Green Bay, WI (exit Hwy 41 at Dousman St., Randy & Sandra Phillips (920) 437-4979
{Lapidary Journal Calendar - December, 1997}

A NOTE FROM THE EDITOR !

I would like to ask all IRMC members who have computers, and are connected to the internet, please send me an "e-mail" message. My e-mail addresses are: rockhnd@aol.com and dolsen@up.net. I wonder...what if the Club constructed an internet Web site...what might your thoughts be on that? By-the-way, we have advertised the Club's show on the internet, on two rocks and minerals bbs - "rockhounds@infodyn.com" and "rocks-and-fossils@world.std.com".

A SPECIAL NOTE for ALL EXCHANGE BULLETIN EDITORS: Please change the address you have for the Ishpeming Rock and Mineral Club (that you send your exchange bulletins to) to the Club's OFFICIAL MAILING ADDRESS:

**The Ishpeming Rock & Mineral Club, Inc.
P.O. Box 102
Ishpeming, MI 49849**

Some bulletins are going to various addresses, including several coming to my house. Its kind of convenient for me to have them come here but, if and when we again change editors, we, and you, will have to do another darned address change. Thanks in advance - I appreciate your help on this!

THE JASPILITE -- THE OFFICIAL PUBLICATION OF THE ISHPEMING ROCK & MINERAL CLUB. is Published Quarterly { January - April - July - October}.

1998 Officers & Committee Chairpersons:

President	Nick Ilnicky	#42 Stonegate Heights	Marquette, MI	49855	(906) 249-3892
Vice President	Ray DeMark	530 E. Arch St.	Marquette, MI	49855	(906) 225-5488
Secretary	Kathy Waters	Rt 1 Box 74	Ishpeming, MI	49849	(906) 486-9094
Treasurer	Bruce Spike	197 Midway Drive	Marquette, MI	49855	(906) 226-3933
Liaison	Dave Olsen	909 W. Magnetic Street	Marquette, MI	49855	(906) 228-9829
Librarian	Ernie Johnson	1962 Fair Avenue	Marquette, MI	49855	(906) 228-9422
Curator	Olive K. Sain	818 W. Kaye Avenue	Marquette, MI	49855	(906) 226-7325
Bulletin Editor	Dave Olsen	909 W. Magnetic Street	Marquette, MI	49855	(906) 228-9829

Annual Membership Dues:	
(Membership year: January 1 to December 31)	
	Initiation Fee \$1.50
Individual:	Adult (16+) - \$5.00
Individual:	Junior (<16) - \$3.00
Family:	1st Adult (16+) - \$5.00
Family:	Adults (16+) - \$3.00 ea.
Family:	Junior (<16) - \$2.00 ea.

Mailing Address: Ishpeming Rock & Mineral Club, Inc., P.O. Box 102, Ishpeming, MI 49849



ROCK and MINERAL CLUB
P.O. Box 102
ISHPEMING, MICHIGAN 49849

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

97
Scott, Warren & Summer Markert
1110 Mc Doo Avenue
Baltimore, MD 21207

