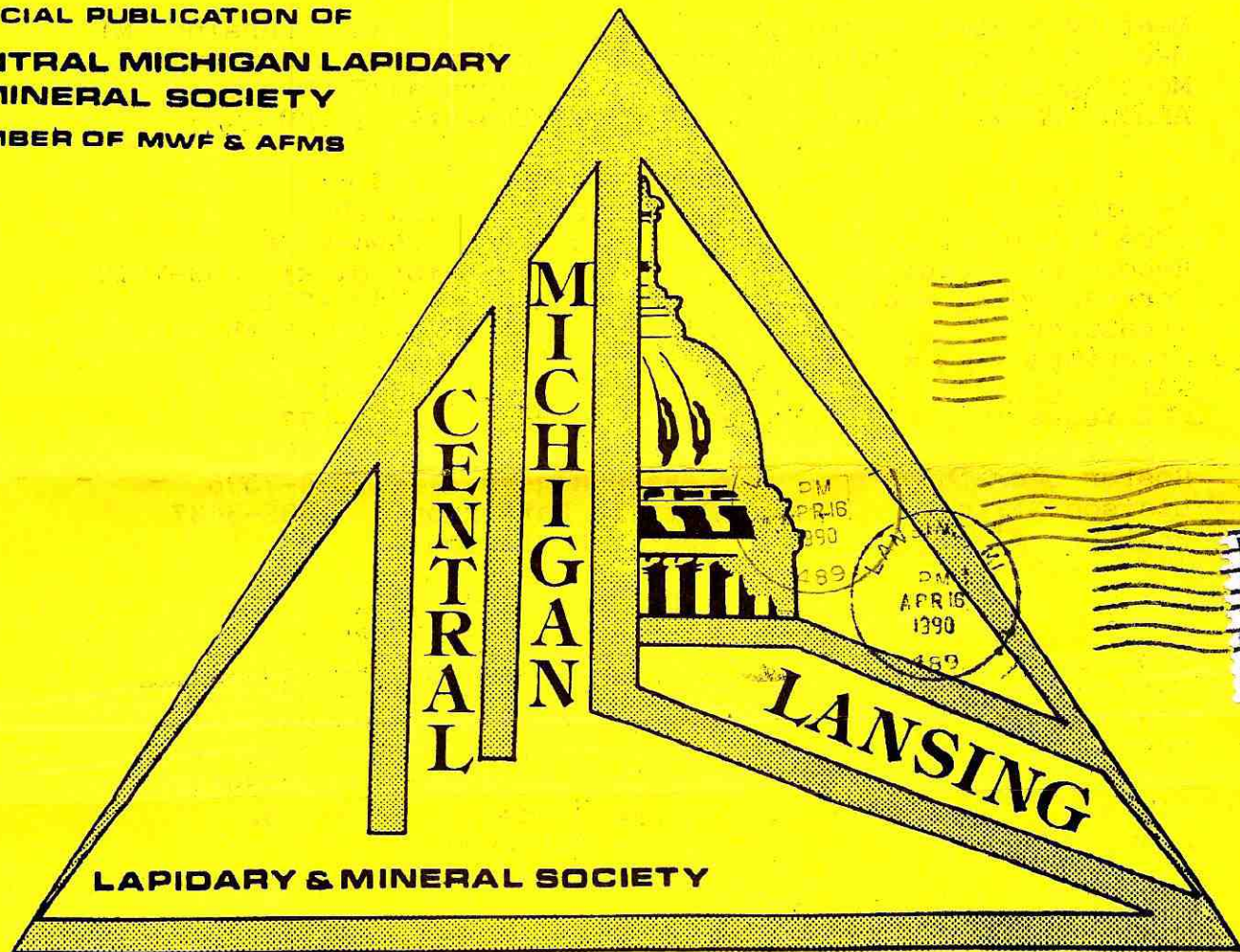


ROCKHOUND NEWS

APR 1990

OFFICIAL PUBLICATION OF
CENTRAL MICHIGAN LAPIDARY
& MINERAL SOCIETY
MEMBER OF MWF & AFMS



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FIRST CLASS

TIME VALUE

ROCKHOUND NEWS

This bulletin is the official publication of the Central Michigan Lapidary and Mineral Society of Greater Lansing, Michigan. It is published the second week of each month except July and August.

The Central Michigan Lapidary and Mineral Society is a non-profit organization, meeting to promote interest and increased knowledge in the fields of mineralogy, geology, peletonology and the lapidary arts. It was organized in May, 1957.

Meeting place: North School, 333 E. Miller Rd., Lansing, MI
Meeting date: Third Thursday, except in July and August
Meeting time: 7:30 p.m. Doors are open at 7:00 p.m.
Annual dues: Adults \$3.00 Students \$1.00

OFFICERS -- 1990

President	*Neil Snapp	339-2863
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Finance	*Gordon Lewis	349-2263
Education	o Florence Hill	349-3554
Field Trips	*George Heaton Jr	339-8914
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MEMBER OF:

Midwest Federation of Mineralogical and Geological Societies
American Federation of Mineralogical Societies

NEIL'S NOTES

This will be a short message -- I'm on my way to Texas for a short visit to our son in Houston, with our daughter and granddaughter as companions. It's a long trip for a six year old.

We had a good turnout at the delayed demonstration night. Thanks to Florence for coordinating the event and to all who participated.

Coming events include our annual banquet, May 17. Marie will have the tickets at the meeting. The speaker will be Dr. John Halsey, State Archaeologist, who will speak on use and distribution of native copper by prehistoric Indians in the U.P.

Some matters which require membership input:

1. Constitution Revision. If you have ideas, see or call Richard Miller, Chair, or any committee member (Wm. Rogers, Bettie Patterson, Gordon Lewis, George Olds, Neil Snapp), or come to the committee meeting.
2. Storage of club materials. The club library, audio system, cases, children's table materials, specimens, etc. are stored in the Turner's garage. Sometimes the cars won't go in. This shouldn't be. Other families also have club materials stored. We need a committee to study the situation, and recommend options. Please give this some thought. We need your input. Thanks.

Until next time, happy hobby.

Neil

HOSPITALITY -- Marie Lewis

Many thanks for the contributions to our March hospitality room. The club sure has a lot of good cookie makers, cake bakers, etc.

Our April meeting will be at the planetarium. Would the following members please bring goodies:

George Heaton, Jr.
Florence Hill
Bill & Katie Henderson
John & Wilma Hopkins
Milo & Ruth Hillis
Jan Hutny & Magda Hutna

Thanks!

CHANGE IN PROGRAM FOR THE APRIL MEETING:

Dr. Holman will not be able to speak as all of his material has gone to Europe. Instead, Jim Harding will give a presentation on the extinction of dinosaurs. Sounds interesting, be there!

CORRESPONDING SECRETARY REPORT —

We sent only one get well card this past month. The unfortunate lady was Lucy Dewey who suffered a broken hip. We all wish her a speedy recovery. Please, if you know of anyone who should receive a bit of cheer, call me at 482-2914. I need your help to do my part. Thanks.

I think Florence Hill, our education chairperson, deserves a hearty "well done" for the effort and perseverance she expended to bring about our demonstration night at the Wardcliff School. After several setbacks she got it off the ground and it soared like an eagle! We had an excellent turn out of both "lookers and do'ers" and I was proud to be a part of it.

Respectfully,
Don Lohrer

FOR SALE

Cleora Purtil1 still has specimens to sell. You are welcome to come by and look at the material, but please CALL FIRST to make sure she is home.

MARCH 17 FIELD TRIP TO DUFF QUARRY — George Heaton

The field trip to Duff Quarry at Huntsville Ohio attracted 15 of our members and their guests. It was one of our better attended field trips even though the weather was windy and cool. I guess after the winter, people are just anxious to get out and hunt rocks. We were surprised to find the quarry office had recently been destroyed by fire. They are using a trailer as a temporary office. We were happy to find three big blast piles waiting for us, and the hunting was good with nice pyrite specimens being fairly abundant.

All of us found good pyrite specimens, and even George Heaton took home a few bucket loads. Some of the more notable specimens I saw collected were as follows: Neil Snapp found the specimen with the largest single pyrite crystal. In fact, it was one of the largest I have ever seen collected at Duff Quarry and it was bright and lustrous. Often the real large crystals have a rusty coating which spoils their appearance, but not this one. Jean Ann Wahl-Piotrowski found a nice druse of ruby sphalerite crystals. This mineral is not very common at Duff Quarry. George Heaton has found sphalerite only twice in all the times he has collected at Duff. Calcite is common at the quarry in the massive form completely filling many of the small vugs, but seldom found as distinct crystals. This time some calcite crystals were found by Dave Piotrowski and Jenny Rotier. These specimens would not have been considered very exceptional if found in one of the quarries noted for calcite crystals, but for Duff Quarry they were very good. In my opinion, Jenny's calcite was the better and prettier specimen.

APRIL FIELD TRIP -- HUNGRY HOLLOW, APRIL 28

The field trip for April will be to Hungry Hollow near Arkona, Ontario, on Saturday, April 28. This is the last Saturday in April and not our regular field trip date because I will be at the Columbus Ohio Gem and Mineral Show the weekend of the 21st and 22nd. The Hungry Hollow field trip will be for fossils and the fossils are usually plentiful at Hungry Hollow. We will meet at the north end of the steel bridge over the Ausable River at Hungry Hollow at 10:00am on Saturday.

To get there from Lansing, take I-69 east to I-94 at Port Huron. Go north on I-94 about 5 miles to the Blue Water Bridge, which crosses the St. Clair River to Sarnia, Ontario. The bridge is a toll bridge and costs .50 for passenger cars, small trucks and vans. After crossing the bridge and going through customs, the expressway, "King's Highway" 402, is right in front of you. Take 402 east from Sarnia to exit #44 for Rt. 9. Go north on Rt. 9 about 1/2 mile to Rt. 7. Turn right (east) on Rt. 7 and go about 2 miles to where Rt. 7 turns north (left). Go north on Rt. 7 about 4 1/2 miles to Arkona. In Arkona, turn right at the traffic light on Rt. 12 and go about 2 miles to Hungry Hollow Rd. It will be on your left going north. There is a small, green, arrow shaped Hungry Hollow sign on your right just before Hungry Hollow Road, but it is easily missed. Turn left onto Hungry Hollow Road and go a little more than 1/2 mile to a steel bridge over the Ausable River. Cross the steel bridge and turn left onto a small gravel road at the north end of the bridge. There is room here near the entrance to the gravel road for several cars to park along the side of the road, and this is where we will meet. The clay pit where we will collect is beyond a gate at the end of the road.

Hungry Hollow is a leisurely 3 hours from Lansing.

OLDEST FOSSIL HORSE FOUND BY U-M TEAM Exchangite Vol.26 #3

An article in the 3/27/90 Detroit Free Press states that the remains of the smallest and oldest North American 'dawn horse' were recently recovered by a team of paleontologists from the University of Michigan.

For more than 10 years researchers have worked in the area of the Clark's Fork Basin in northwestern Wyoming. It was here that a team headed by Dr. Philip Gingerich found the fossil teeth, jaw and limb bones. This horse has been determined to be a new species that lived more than 50 million years ago. It has been named Hyracotherium sandrae. It was slender and leggy, about the size of a Siamese cat. Its teeth suggest that it browsed on soft herbaceous plants. The North American horse became extinct more than 8,000 years ago.

EDUCATION AND COMMUNITY SERVICE — Florence Hill

The mineral of the month: Pyrolusite, a manganese dioxide, will be the subject of David Piotrowski's talk this month. Bring your specimens to show.

Community Service: This will be a great, big thank you to a lot of our members, and congratulations for a job well done.

First, CMLMS was invited to set up a fossil room for the Dinosaur Days at MSU Museum, March 17-18. Taking part in this with displays and welcome were Neil and Connie Snapp, Joyce Kahres, Jim and Cecilia Moses, Bettie Patterson, Bill and Katie Henderson, and Lila Stevens. We also had the Kreps' fossil case on exhibit. The director of the event, Kris Morrensey, thanked the club and said that we added a great deal to the affair.

On the same weekend, Fenner Arboretum held its maple sugar festival. Don Lohrer was the club's lone representative there, and was much appreciated by the Fenner staff and visitors.

March 29, fifty or so visitors came to our Demonstration Night at Wardcliff School. Here is the roster of our demonstrators:

Richard Miller-- faceting
John Takis-- faceting
Earnest Oliver -- collecting staurolite
Irwin Turner-- Kreps' club cases
Julia Mahoney- half sphere machine
Hazel Morgan -- cabochon making, Graves machine
Bruce and Oleta Brockway -- collecting on Isle Royale
Mary Gowans -- collecting rubies, sapphires & quartz
Dave Piotrowski & Jean Ann Wahl-Piotrowski -- field trips:
places, finds, equipment, pictures
Gordon Lewis -- rock sawing
Roger Laylin -- cabochon making, Genie machine
Bettie Patterson -- micromounts and other sizes
Keith Diener -- silversmithing
Alice Turner -- wire wrap jewelry
Magda Hutna -- wire wrap jewelry
Don Lohrer -- gem trees
Marie Lewis -- bead stringing
Sally Barber -- hobby books and magazines
Cheryl Powers -- club information
Connie Snapp -- fossils
Frank Card -- artifacts
Dave Gibbs -- Petoskey stones, history and polishing
Howard & Margaret Randolph -- Indian artifacts
Scott & Lisa Powers -- hand polishing petoskeys
Mary Crosby -- tumbled stones on flower pots
Neil Snapp -- host

We also have to thank Gail Garber of the Okemos Community Education staff for her assistance in arrangements and publicity; and, Richard Jones, Wardcliff custodian, for his cheerful help in setting up tables and clearing away.

Florence Hill conducted an hour session on rocks and minerals at the 4-H Workshop, March 31 at Mason.

We are having a rocks and minerals section at the Family Activity Day, April 21, at the MSU Museum. It is called "Let's Go Prospecting." If you would like to help, call Florence Hill.

CHILDREN'S TABLE --

WANTED!! Lots of rock, mineral and fossil specimens for our 1990 Show! All sizes and all sorts! They do not need to be super display specimens, but they should be typical of their kind. Please include the names of the specimens and their place of origin.

Also needed, interesting stones (beach stones are great) for the "Pebble Pond," which is a big attraction during the school tours.

And, can any of you get magnetic sand? We were lacking that last fall. It's much sought after, too.

Keep those styrofoam egg cartons coming? It takes several hundred to make our mineral kits.

If you have contributions, or want to help on this committee, these are the people to contact:

Minerals & General Chairman -- George Heaton

Jewelry -- Marie Lewis

Fossils -- Larry Tripp

Grab Bags -- Lila Stevens

Critters -- Don Lohrer

ID Kits (egg cartons) -- Florence Hill.

THE CLUB BANQUET IS COMING UP -- MAY 17

Lila Stevens and her committee are working at making this a great banquet. We will be at the First Christian Church, at Chester & Covington, in Lansing. (The same location as last year.) Banquet tickets will be available for sale at the April meeting. The price is \$5.00 for adults, \$3.00 for student members and children of members. The club is paying the balance as they have done in the past. Social hour is at 5:30 p.m. Dinner will be served at 6:30 p.m.

If you are unable to purchase your tickets at the April meeting, you may order them from Marie Lewis, 2046 Sandhill Rd., Mason, MI 48854. Send payment with your order. Checks should be made payable to CML&MS. Deadline is May 12 for tickets; NO TICKETS WILL BE AVAILABLE AT THE DOOR.

Join in our fun-filled evening. The "snow-birds" should be back, and it is always nice renewing friendships. There will be door prizes, a program, and last but not least: FOOD! FOOD! FOOD!

MORE SHOW NEWS:

Many thanks to Marge and John Potter for their generous contributions to the Children's Table and Silent Auction for our 1990 Show.

These materials were picked up by Rich and Lila Stevens and are now in the process of sorting. Books, slabs, rough material for cutting, lots of agate (Botswana, India and Lake Superior) tumbling rough, geodes, jewelry making supplies, petoskey stones, plastic bags, boxes, and a small plastic display case are just a few of the items.

Thanks again.

TRIVIA: WHAT IS A BEZOAR STONE? The Exchangite Vol.26 #3

Have you ever heard of a "Bezoar Stone"? According to my dictionary, "bezoar" is a concretion found in the stomach of certain animals. True "bezoar stones" are formed in the stomach of a Bezoar goat and take their name from the Persian word which means "...to protect against against poison." In Elisabethan time, these stones, secretly set into rings were dropped into wine when the drinker suspected his wine had been poisoned with arsenic (which was often in those days.)

Although proven scientifically to work on arsenic, the Bezoar stone is actually a calcified partially digested hair-ball containing many minerals, among them silver which has a particular affinity for arsenic. Silver reacts with free arsenic and neutralizes (absorbs) it readily.

NEW MEMBERS

Two new members were approved at the April Board meeting: Phyllis Hamrick and Gerrie Eifert. Please make an effort to welcome them.

NEWS FROM THE MIDWEST FEDERATION

From the President, Glen Hanning:

"This month I want to encourage each and every one of you to begin working on an exhibit for the Golden Jubilee Show in Evansville, IN. Let's make this 50th anniversary show the biggest ever! I'd like to see a Hall of States display from every state in the Midwest Federation and at least one from every club. There is plenty of space for interesting and educational non-competitive exhibits, as well as cases entered in competition."

WANTED: A Few Good Programs

The deadline for this year's A.F.M.S. Program Competition is past (April 1.) But it is not too soon to work on entries for 1991.

The program contest gives individuals and Clubs a chance to earn national recognition for slide and/or video presentations on subjects related to our hobby. All clubs

appreciate good programs. Clubs who use programs from Federation program libraries especially appreciate access to presentations worthy of national recognition.

If you or your club have recently put together a program worthy of such competition, please enter it in next years contest. If you are making or plan to make such a program, write now for the guidelines (rules) or even submit it for a critique.

For full details contact either:

Margaret Pearson, A.F.M.S. Chairperson
9034 W. Lisbon, #24
Milwaukee, WI 53222

OR

M.W.F. Program Library
3490 S. Hannan Rd.
Canton, MI 48188

Need an idea for a program? The MWF Library often has requests for the following types: basic lapidary; specialized lapidary techniques; how to orient, cut & polish a specific stone; identification of basic rock types (for juniors and beginners); rocks, minerals and fossils of a state; spotlight of a museum collection; a favorite hunting location; a specific mineral or mineral group; techniques with silver; beadstringing.

CAUTION: Harmful dusts and effects on the body-- John Boland, Environment/Legislation Committee. Ref.- Handbook of Dangerous Materials by Irving Sax

Exposure to these harmful dusts can be through inhaling into the mouth and lungs where they are absorbed into the blood. The exposure may be from clouds of dust or from almost invisible particles inhaled over years. Always wear a mask when grinding, sawing, hammering, or drilling any material containing the above chemicals. These chemicals can also be absorbed into the blood when the skin is exposed to jewelry, dusts or liquids for prolonged periods.

Antimony (Sb) - dissiness, muscular pain, vomiting, liver degeneration

Arsenic (As) - vomiting, rapid pulse, kidney & liver damage

Beryllium (Be) - dermatic, skin ulcers, acute pneumonia

Boron (B) - affects central nervous system

Cadmium (Cd) - affects respiratory tract, kidney, liver, can cause death

Chlorine (Cl) - harmless salts to toxic gas when mixed

Chromium (Cr) - lesion on arms, hand, slow to heal

Copper (Cu) - damage to nervous system, liver, pancreas

Fluoride (F) - anemia, loss of weight, very toxic when heated

Lead (Pb) - diarrhea, insomnia, weakness, pyorrhea

Magnesium (Mg) - metal fume fever, severe local lesions

Manganese (Mn) - sleepiness, hand tremors

Mercury (Hg) - excessive salivation, loosening of teeth

Nitrates (NO₃) - vomiting, dizziness, weakness

Nitric Oxides (NO) - congestion of lungs and throat

Sulfur (S) - irritation of eyes, throat, skin

Zinc (Zn) - caustic if combined with chlorides

DISPLAYS -- Bettie Patterson

It's that time of year when shows in our area are starting up again. (See the show calendar which follows.)

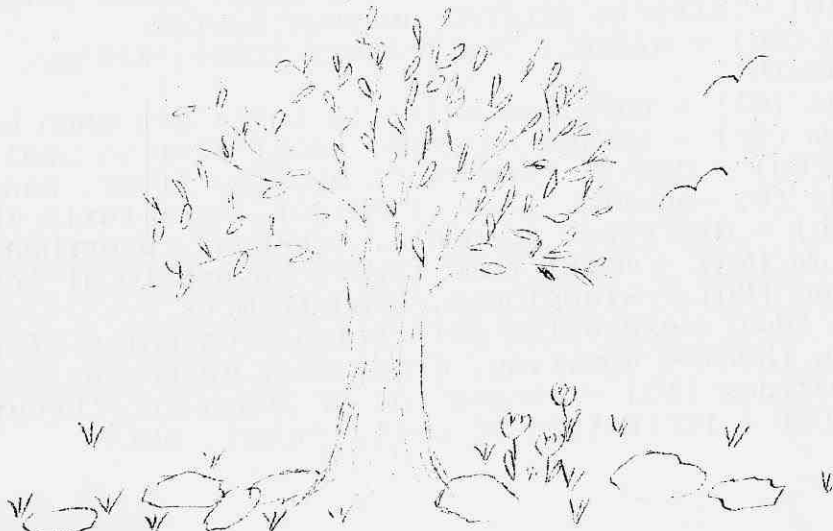
How about putting together your favorite pieces in a display case and taking it to some of these shows. Remember you get more pleasure from your hobby if you share it with others.

If you feel you are unable to display, I urge you to attend some of the area shows and give the clubs your support.

CLUB CALENDAR

- | | |
|----------|---|
| April 19 | Regular Meeting, MSU Planetarium |
| April 23 | Constitution Revision Committee Meeting
7:30, Bettie Patterson's |
| April 28 | Field Trip, Arkona, Ontario (fossils) |
| May 3 | Board Meeting at Bettie Patterson's 7:30 |
| May 9 | Show Board Mtg., 7:30, Bettie Patterson's |
| May 17 | Club Banquet, First Christian Church, 5:30 |
| May 27 | Field Trip, Bowmanville, Ontario (trilobites) |
| June 3 | Picnic at Red and Bessie Rogers' place |

DON'T FORGET TO CELEBRATE THE 20TH ANNIVERSARY OF
EARTH DAY, APRIL 22!



SHOW DATES

- April 20-22 Jackson; Sports Arena, 1300 W. North St.; F 1-9, S 10-9, S 10-5 adults 2.00 seniors 1.00 6-14 .50
- April 21-22 Columbus, Ohio
- May 5-6 Bluewater Lapidary Society; American Legion Hall, 1026 6th St., Port Huron Sat. 10am-7pm Sun. noon-6pm (\$1.00)
- Kalamazoo Geol. & Min. Soc; Center Bldg., Kalamazoo Co. Fairgrounds; Sat. 10am-7pm, Sun. 10am-6pm
- Cincinnati Mineral Soc; Cincinnati Gardens, 2250 Seymour Ave, Cincinnati OH
- May 18-20 Dearborn Gem & Mineral Show; Dearborn Civic Center, Michigan & Greenfield; F- 5-10pm S- 10am-8pm S- 11am-5:30pm adults 2.50 seniors 2.00 teens 1.00
- May 19-20 Cleveland Area Gem & Min. Show; Cuyahoga Co. Fairgrounds, Eastland Rd, Berea OH
- June 2-3 State Line Show & Swap; Fulton Co. Fairgrounds, Wauseon OH FREE Sat. 9:30am-4pm Sun. 9:30-noon
- June 22-24 Bedford (Bloomington) IN Swap
- June 23-24 MGAGS Rockhound Weekend (seminar) Traverse City, MI
- July 14-17 MWF Federation Show/Convention Green Convention Cntr., Evansville, IN Thurs.-Sat. 10am-8pm Sun. 10am-5pm
- August 4-5 Ishpeming Swap & Field Trip Ishpeming Town Hall, US41 West
- August 12 Rock-O-Rama, Copper Country Rock & Mineral Club; Kauppi's Osceola Mobil Station, US 41, Calumet
- Labor Day Wknd. MGAGS Swap, Alpena

10/10/10

Dear Mr. [Name]

I am writing to you regarding the [Topic] that we discussed in our meeting on [Date]. I have reviewed the [Document/Information] and I am pleased to hear that you are interested in [Detail].

The [Project/Initiative] is currently in the [Stage] and we are looking for [Type of Person] to help us with [Task]. If you are interested, please contact me at [Phone Number] or [Email Address].

Yours faithfully,

[Name]

[Title]

[Company Name]

[Address]

[City]

[Country]

Mr. [Name]

[Address]

[City]

[Country]

[Postcode]

[Phone Number]

[Email Address]

[Company Name]

[Address]

[City]

[Country]

[Postcode]

[Phone Number]

[Email Address]