



NEWSLETTER

Volume X: No, 1

January 1996

MIDWEST CHAPTER, FRIENDS OF MINERALOGY, INC

PRESIDENT'S PATTTER

By the time you read this, 1995 will be drawing to a close and we can look forward to an interesting 1996.

I trust all of you have had a safe and joyous Christmas season with lots of wonderful minerals in your stockings.

Unfortunately at our November meeting at the Indiana State Museum our gathering was small.

Speaker Hal Roepke did a really commendable job with his presentation on Crystallography. This appears to be a complex subject. I hope Hal gave us a passing grade and we can look forward to a further presentation on this topic.

The election of club officers was routine. Most of us agreed to continue in our present positions for another year. My thanks to Al and Sylvia for retaining the office of publishing the newsletter. We really do need Chairpersons for the Programs and Field Trips. Since Al has run dry on programs, I will be your speaker for this month. We will take a short but interesting trip illustrated with colored slides-"Discovering Dinosaurs".

As your president, I wish I could say we have increased our membership in 1995. Unfortunately this is not true. Many young people just don't seem to be interested these days. If any of you have IDEAS or SUGGESTIONS, please let me know.

We are having a meeting at the Indiana State Museum in January. So please check the notice in the newsletter.

See you in January. I hope the weather will be OK.

Fred W. Lewis, President

1995 ANNUAL REPORT OF THE TREASURER OF THE
MIDWEST CHAPTER, FRIENDS OF MINERALOGY

INCOME: all from members dues	\$731.00
EXPENSES:	
Postage	\$163.59
Chapter dues to Friends of Mineralogy	\$255.00
Chapter insurance	\$100.00
Speakers	\$ 95.00
Banking misc.	\$ 12.00
State-reincorporation and taxes- including previous year	\$ 60.00
Misc.-includes phone calls between officers -est. unpaid	\$ 30.00
Total:	\$716.09

As you can see from this breakdown of expenses, and with a current chapter balance of \$876.55- our group is very dependent on membership dues. With this thought in mind- 1996 Dues are due. With a broader approach - our group needs more members- bring some friends to our meetings. They will thank you and so will the Friends of Mineralogy.

Kim Greeman (Sec-Treas.)

MINUTES OF THE NOVEMBER 12, 1995
MEETING -MIDWEST CHAPTER-FOM

The final meeting of 1995 was held at the Indiana State Museum in Indianapolis. Fred Lewis announced the nominating committee was still searching for a program chairman for 1996. Also - the Midwest Chapter will have two field trip chairpersons- Pat Westby, Kettering, Ohio and Mike Davis of Cincinnati, Ohio (1996 looks to be a good collecting year). Other officers will be the same. The officers will be working on several topics: membership and field trip attendance-both of which are too small.

Kim Greeman reported the treasury balance of the society at \$876.55, and that our current membership's dues are equal to our expenditures. Our next meeting will be January 14, 1996 at the Indiana State Museum. Our March meeting will be at the Eastern Indiana Spring Show in Richmond, IN. The meeting was adjourned to our program.

"Hal Roepke gave us a short course in crystallography. Starting with the most complex, where crystal axes are all different in length and none intersect at right angles (Triclinic); the second still has

unequal length axes, but only one does not intersect at right angles (Monoclinic); next continues the unequal lengths of the three axes, but all intersect at right angles (Orthorhombic). Where all axes intersect at right angles, but only two axes are of equal length is the fourth (Tetragonal). The last triple axes crystal group has all axes of equal length and all axes intersecting at right angles (Isometric). The sixth and final crystal group has three horizontal axes of equal lengths, intersecting a vertical axis at 120 degree angle (Hexagonal). Hal used three dimensional crystal models, and excellent mineral specimens to demonstrate how face-centered and intersection-centered axes were identified and measured. Combinations of orientations result in 32 different crystal classes." (Possibly exempting some new exotic crystals of carbon combining 60 carbon atoms in a form known as Buckeyballs.)

Thanks Hal for a wonderful talk.

Kim Greeman (Sec-Teas.)

1996 OFFICERS

PRESIDENT	FRED LEWIS
SECRETARY/TREASURER	KIM GREEMAN
FIELD TRIP CHAIRPERSONS	MIKE DAVIS/ PAT WESTBY
PROGRAM CHAIRPERSON	OPEN - VOLUNTEER NEEDED (programs are set through May'96)

MEETING

SUNDAY, JANUARY 14, 1996

12:30 pm

INDIANA STATE MUSEUM

202 NORTH ALABAMA STREET, INDIANAPOLIS

FRED W LEWIS "DISCOVERING DINOSAURS"