

THE MIDWEST FACETER



VOLUME 9 NUMBER 4

JUNE, 1988

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

THE MIDWEST FACETER
807 Moran
Lincoln Park, Mi.
48146



MFG Historian
12651 Old Mill Place
Detroit MI 48238

THE MIDWEST FACETER

AN EDUCATIONAL PUBLICATION OF THE MIDWEST FACETERS GUILD

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COMING EVENTS

June, 25 1988.....MIDWEST FACETERS GUILD MEETING & MGAGS Seminar.
Delta College, Saginaw Michigan.

JULY, 14-17,MIDWEST COVENTION, Geodeland Earth Science Clubs,
Macomb, Illinois.

Oct. 1, 1988.....MIDWEST FACETERS GUILD MEETING ANNUAL,
Mt. Clemens, Michigan.

How to order your MIDWEST FACETERS GUILD badge:

Send exact name you wish on the Badge
Along with \$5.75 and mail to:

A- FRAME AWARDS
414 South Dort Hwy.
Flint, Michigan 48503



PHONE (313) 767-8881

\$5.75 includes shipping and handling.

MEMBERSHIP INFORMATION
for
MIDWEST FACETERS GUILD

Please use the application blank below to join or renew your membership in the Midwest Faceters Guild. Dues are \$5.00 per year, payable for the next year beginning Oct. 1st. Non-payment of dues by April 1st will cause your name to be dropped from the rolls. After Jan. 1st, a red mark will appear on the label of those members who have not renewed their membership.

NAME: _____ ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

PHONE: _____ TYPE MACHINE: _____ TEACH: _____

☐ New membership ☐ Renewal membership

While it is not mandatory, dues should be paid by check when possible and mailed to the membership chairmen at:

William H. Gardiner
MFG Membership Chairman
4518 Sandstone Drive
Williamston, MI 48895

DON'T FORGET

Meeting June 25, 1988

Saginaw, Michigan

See details in following pages.

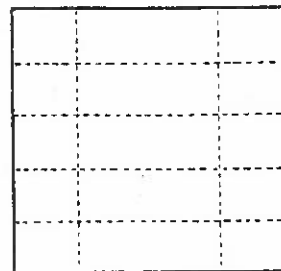
Also see details of MGAGS Seminar Information on classes and instructors. Come and join the fun learn something new.

Meeting Saturday June 25, 1988
in the Auditorium from 1-2 PM.

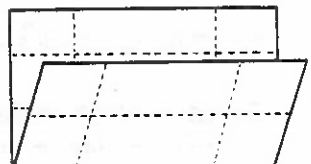
Hope to see you all there.

Last Meeting until Fall.

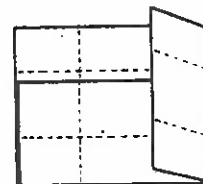
Instructions for folding Stone Papers



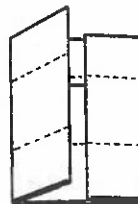
1 Lay paper flat



2. Fold bottom two flaps up



3. Fold right flap over



4. Fold left flap over



5. Fold next flap up



6. Fold top flap down to complete

SUGGESTION FOR RECORD SHEET.

NO. _____	DATE _____
MATERIAL _____	H. _____ R.I. _____
CUT _____	LOCALE _____ WT. _____
ANGLES CROWN _____	
PAVILION _____	
CUTTING LAP _____	
POLISHING LAP _____	
POLISHING COMPOUND _____	
NOTES:-	

NO. _____	DATE _____
MATERIAL _____	H. _____ R.I. _____
CUT _____	LOCALE _____ WT. _____
ANGLES CROWN _____	
PAVILION _____	
CUTTING LAP _____	
POLISHING LAP _____	
POLISHING COMPOUND _____	
NOTES:-	

MOTELS

4.

[Most of the motels listed are within 15 miles of Delta College, some are closer].

BAY VALLEY HOTEL & RESORT

2470 Old Bridge Rd., Bay City 48706
(517)686-3500. Exit 160 from I-75.

*BEST WESTERN (Creekside Inn)

6285 W.S. Saginaw Rd., Bay City 48706
(517)686-0840. Exit 160 from I-75.

COMFORT INN

3425 E. Holland, Saginaw 48601
(517)753-2461. Exit 149

HOLIDAY INN

1408 S. Outer Drive, Saginaw 48601
(517)755-0461. Exit 149

KNIGHTS INN

2225 Tittabawasee Rd, Saginaw 48604
(517)791-1411. Exit 6 from I-675

RED ROOF INN

966 S. Outer Drive, Saginaw 48601
(517)754-8414. Exit 149

* BEST WESTERN and BAY VALLEY offer special rates to Delta College.
(BEST WESTERN: \$35 Single, \$40 Double. BAY VALLEY: \$62 Single, \$72 Double). You must tell them you are attending a conference at Delta College when you are reserving a room, to get the special rate.

CAMPGROUNDS

BAY CITY STATE PARK.

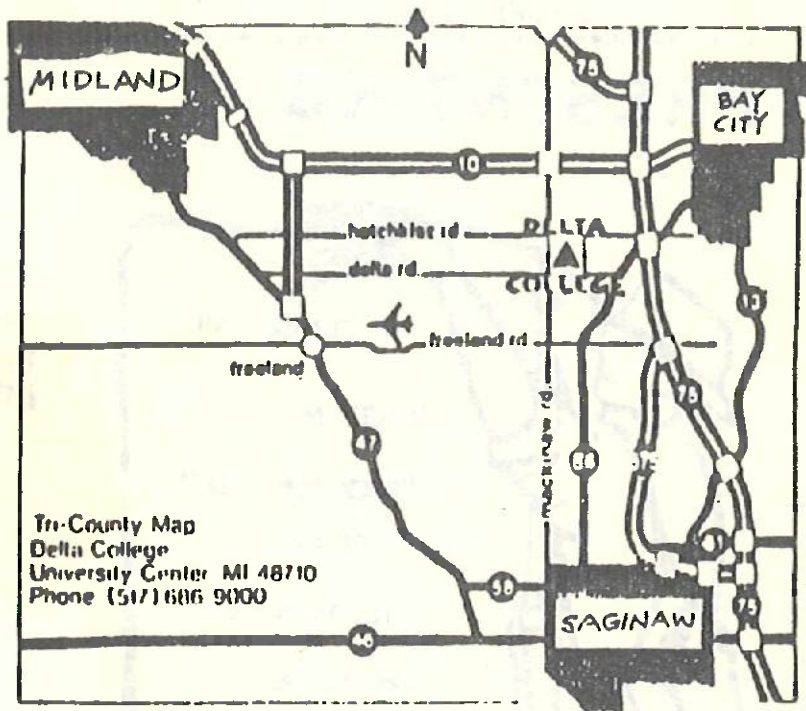
Exit 168 from I-75, on Saginaw Bay
4 miles north of Bay City, off M-47.
285 sites.

VALLEY PLAZA RV PARK

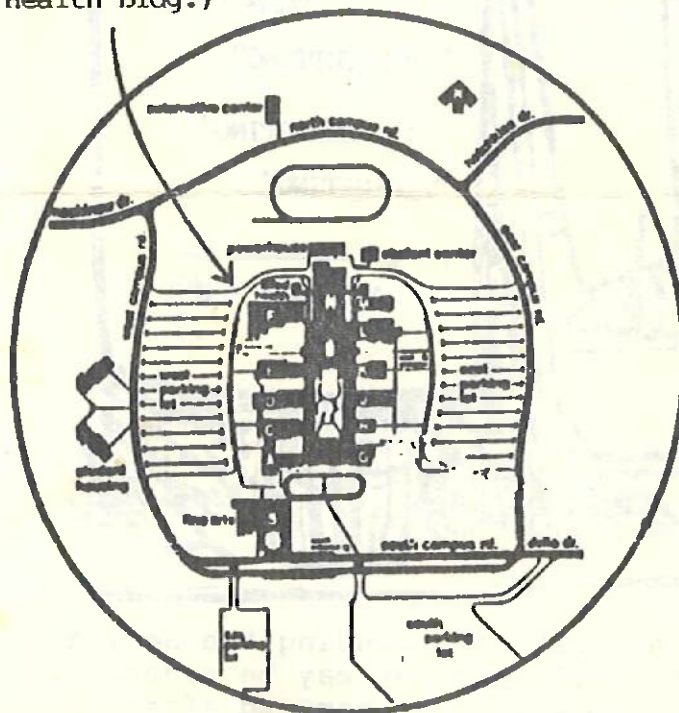
5221 Bay City Rd., Midland.
96 sites.

1-800-262-0006 or (517) 496-9333

There are many more motels and restaurants in this tri-city area. The ones listed are the most conveniently located and/or reasonably priced.



There are roadside signs for Delta College. Use the campus West Parking Lot. The Seminar will be in Building F (Allied Health Bldg.)



RESTAURANTS

DAWN DONUTS - at Exit 160 (I-75)

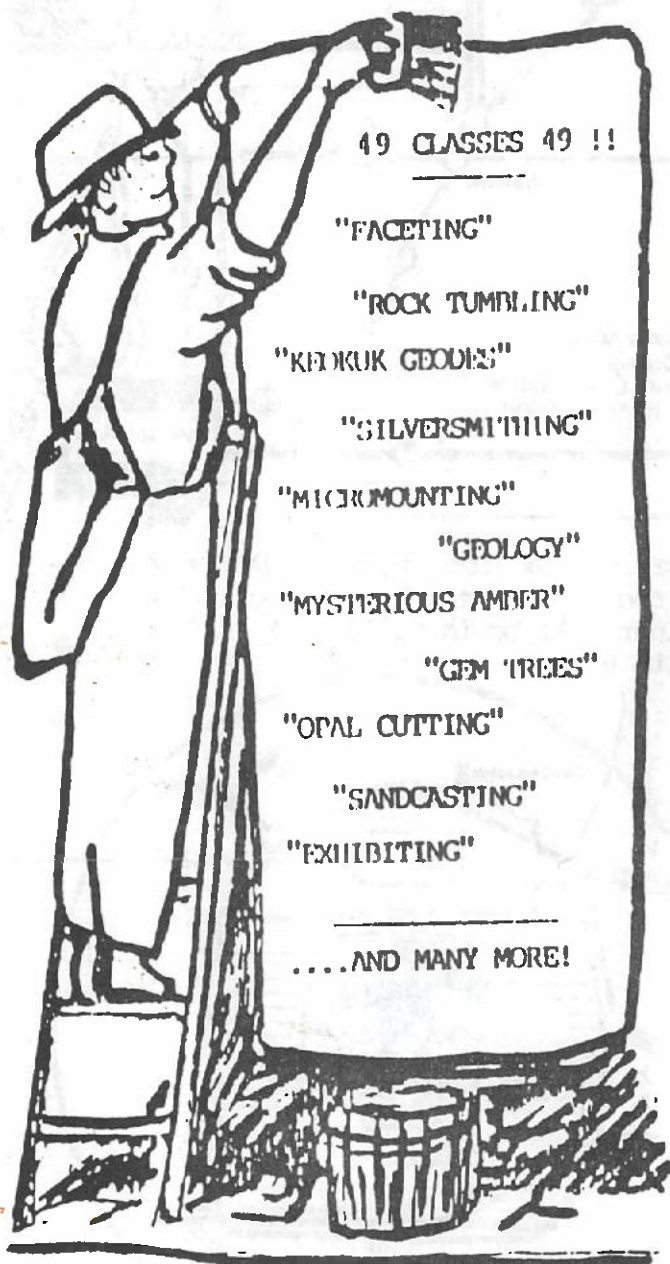
MCDONALDS - at Exit 160 (I-75)

BURGER KING - Exit 160 (I-75)

MICHIGAN HAUS RESTAURANT - 2507 Delta Rd.

HORNER'S FAMILY RESTAURANT (at the BEST WESTERN Motel)

PRESENTING the michigan geology and gemcraft society



14th ANNUAL EDUCATIONAL SEMINAR

at

DELTA COLLEGE

University Center, MI 48710
(Bay City area)

June 25 & 26, 1988 - 9 am to 6 pm

Hosted by Delta College
Community Affairs Division

Interested in the hobby of collecting ROCKS, GEMS, FOSSILS and MINERALS? How to understand them? What to do with them?

Whether you are a beginner or a longtime enthusiast, this is for you. Enjoy two days of informal, friendly classes in congenial company and pleasant surroundings. Attend a hands-on class to learn a skill on the spot, watch a demonstration and ask questions, go to an illustrated lecture and take notes for your later use.

The cost of attending the Seminar is \$8.00 per day. Advance tickets at \$6.00 per day may be ordered until June 11. (No refunds on advance tickets will be honored after June 18). Children under 12 years of age, accompanied by an adult, are free.

The building is barrier free. Only vending food service will be available at the college. There are restaurants nearby, or you can bring your own picnic lunch to enjoy in the courtyard. Self-contained campers will be permitted to park overnight on the premises. Motel, campground and restaurant information is on the back of this page.

For advance tickets or other information contact: Milton Hodgson
1360 Roods Lake Rd.
Lapeer, MI 48446
(313) 664-8985

Sincerely,

Jane Matz & Marge Collins,
Seminar Publicity

M. G. A. G. S. SEMINAR - SATURDAY, JUNE 25

ROOM	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 4:00	4:00 - 5:00	5:00 - 6:00
2	OUR FOSSIL HERITAGE A. BUEHLER			FOLLOWING THE HOBBY EAST A. BUEHLER		SILVER CHANNEL & RELATED TOPICS E. MC MAHON			
3			"WINGS OF STONE" L. STINNETT		PYSANKY - UKRAINIAN EASTER EGGS P. HAPIUK		SNOW CRYSTALS L. STINNETT		
4	KEOKUK GEODES M. PETERSON				KEOKUK GEODES M. PETERSON		CUTTING STAR RUBIES AND SAPPHIRES J. GARDNER		
5		TREK TO THE COPPER COUNTRY L. STUDEBAKER			HOW TO DRILL & INLAY AGATE W. KASSON		DESIGN & FACET B. HORTON		
6	STAR SAPPHIRES & RUBIES, SIMPLIFIED K. LU				MICROMOUNTING G. ECKON				
7		FLUORESCENT MINERALS C. COLLINS		DROP CASTING: FREE FORM SILVER M. COLLINS			JEWELRY DESIGN: AN INTRODUCTION M. COLLINS		
13			VARIETIES OF OPAL M. HODGSON				OPAL CUTTING M. HODGSON		
15			INLAY SILVER JEWELRY H. RICE			MYSTERIOUS AMBER P. RICE			
110		FLINTKNAPPING TECHNOLOGY C. FRY				SANDCASTING FOR BEGINNERS L. KIRBY			
111		DESIGN OF A ROCKHOUND'S JEWELRY B. MC GONEGAL			SILVERSMITHING SIMPLIFIED B. MC GONEGAL				
240			EXHIBITING J. HANSCHU			CLOSE UP PHOTOGRAPHY M. HANSCHU			
241	GEM TREES M. KOSTUKOFF		GEM PICTURES J. MATZ						
242			GEOLOGY OF MACKINAC ISLAND R. VAN BEEK		WIRE WRAP JEWELRY A. & G. TURNER				
243		LAPIDARY H. CARLSON		LAPIDARY H. CARLSON			PRETTY BOXES FOR JEWELRY OR... M. SHORT		
244					SPHERE MAKING E. RIVA		FACETING P. RIVA		
246		LAKE SUPERIOR AGATES A. SHOBE		GEO. LANDMARKS OF MICHIGAN F. HILL			WORKING WITH JUNIORS F. HILL		
250	ROCK TUMBLING B. ROGERS			ROCK TUMBLING B. ROGERS					
251			JEWELRY REPAIR J. MC GREGOR		SLATE CARVING F. HENDERSON		SLATE CARVING F. HENDERSON		
252			SUN CATCHERS T. SCHNARR			MAKING GEM TREES N. HOUSE			
253				MAKING OPAL AND OTHER TRIPLETS A. MURRAY		HANDPOWERED FACETING A. MURRAY			
255		BEAD STRINGING: SIMPLIFIED C. HODGSON				BEADSTRINGING: ADVANCED C. HODGSON			
269					METAL DETECTORS N. SHORT			FIRE AGATE D. KYLE	



INDICATES A "HANDS-ON" PROGRAM

AUCTION IN AUDITORIUM (F-10)

M. G. A. G. S. SEMINAR - SUNDAY, JUNE 26

ROOM	9:00 - 10:00	10:00 - 11:00	11:00 - 12:00	12:00 - 1:00	1:00 - 2:00	2:00 - 3:00	3:00 - 4:00	4:00 - 5:00	5:00
2			OUR FOSSIL HERITAGE A. BUEHLER		SILVER CHANNEL & RELATED TOPICS E. MC MAHON		FOLLOWING THE HOBBY EAST A. BUEHLER		
3			"WINGS OF STONE" L. STINNETT			PYSANKY-UKRAINIAN EASTER EGGS P. HAPIUK			
4		KEOKUK GEODES M. PETERSON			CUTTING STAR RUBIES AND SAPPHIRES J. GARDNER		KEOKUK GEODES M. PETERSON		
5		DESIGN & FACET B. HORTON			TREK TO THE COPPER COUNTRY L. STUDEBAKER		HOW TO DRILL & INLAY AGATE W. KASSON		
6	MICROMOUNTING G. EON								
7	DROP CASTING: FREE FORM SILVER M. COLLINS			FLUORESCENT MINERALS C. COLLINS			JEWELRY DESIGN: AN INTRODUCTION M. COLLINS		
13				OPAL CUTTING M. HODGSON			VARIETIES OF OPAL M. HODGSON		
15				INLAY SILVER JEWELRY M. RICE					
110		FLINTKNAPPING TECHNOLOGY C. FRY					SANDCASTING FOR BEGINNERS L. KIRBY		
111	DESIGN OF A ROCKHOUND'S JEWELRY B. MC GONEGAL				SILVERSMITHING SIMPLIFIED B. MC GONEGAL				
240									
241	GEM PICTURES J. MATZ		GEM TREES M. KOSTUKOFF						
242		ARCHAEOLOGY -- INDIAN MOUNDS R. VAN BEEK					WIRE WRAP JEWELRY A. & G. TURNER		
243			PRETTY BOXES FOR JEWELRY OR... M. SHORT						
244					FACETING P. RIVA		SPHERE MAKING E. RIVA		
246	LAKE SUPERIOR AGATES A. SHOBE		WORKING WITH JUNIORS F. HILL					GEOL. LANDMARKS OF MICHIGAN F. HILL	
250		ROCK TUMBLING B. ROGERS				ROCK TUMBLING B. ROGERS			
251			JEWELRY REPAIR J. MC GREGOR		SLATE CARVING F. HENDERSON		SLATE CARVING F. HENDERSON		
252			SUN CATCHERS T. SCHNARR		MAKING GEM TREES N. HOUSE				
253				HANDPOWERED FACETING A. MURRAY				MAKING OPAL AND OTHER TRIPLETS A. MURRAY	
255	BEAD STRINGING: SIMPLIFIED C. HODGSON				BEADSTRINGING: ADVANCED C. HODGSON				
269		FIRE AGATE D. KYLE				METAL DETECTORS N. SHORT			



INDICATES A "HANDS-ON" PROGRAM

RAFFLE IN AUDITORIUM (F10)

8. SPEAKERS

- ROOM
2 BUEHLER, ARLINE
OUR FOSSIL HERITAGE
HOW FOSSILS AND THEIR RESIDUES WERE IMPORTANT TO THE GROWTH AND DEVELOPMENT OF MICHIGAN.
FOLLOWING THE HOBBY EAST
INTERESTING SLIDES FROM ARLINE AND HAROLD'S WANDERINGS THROUGH THE EASTERN UNITED STATES.
- 243 CARLSON, HUGO
LAPIDARY
HUGO WITH THE ABLE ASSISTANCE OF AL CUNNINGHAM WILL SHARE THEIR VAST KNOWLEDGE AND TECHNIQUES IN THE ART OF MAKING BEAUTIFUL CABOCHONS.
- 7 COLLINS, CHUCK
FLUORESCENT MINERALS - AN INDIVIDUAL APPROACH
A LOOK AT THE VARIETY OF MINERALIZED SPECIMENS THAT EXHIBIT FLUORESCENCE RELATIVE TO ESTABLISHING A QUALITY DISPLAY.
- 7 COLLINS, MARGE
JEWELRY DESIGN
SEVERAL METHODS AND VARIOUS SOURCES OF DESIGNS ARE PRESENTED. HISTORIC CHANGES OF MOTIFS SHOWN. YOU MAY BRING SPECIFIC PROBLEMS FOR DISCUSSION SECOND HOUR.
FREE FORM -- DROP CASTING
DEMO OF A SIMPLE, FUN WAY TO USE SCRAP SILVER TO CREATE UNIQUE PIECES OF JEWELRY.
- 6 ECON, GEORGE
MICROMOUNTING
COLLECTING, MOUNTING AND TRADING. BRING SWAP MICROS. OF INTEREST TO NOVICE AND PRO.
- 110 FRY, W. CARL 
FLINTKNAPPING TECHNOLOGY - THE FIRST AMERICANS HIS TOOLS AND WEAPONS.
HAVING MANY YEARS OF EXPERIENCE, CARL GIVES SOUND BASIC TRAINING IN LITHIC REDUCTION FOR THE EXPERIENCED AND ADVANCED LEVELS OF SKILL. -- TOOLS AND FLINT FOR INEXPERIENCED ONLY.
- 4 GARDNER, JOAN
CUTTING STAR RUBIES AND SAPPHIRES
JOAN WILL SHOW THE SUPPLIES NEEDED TO BUILD A CUTTING MACHINE AND DEMONSTRATE HOW TO CUT CONES, ETC. AND HOW TO ORIENT 'ROUGH'.
- 140 HANSCHU, JOYCE
EXHIBITING
AN EXPERIENCED EXHIBITOR, JOYCE PRESENTS TIPS AND SLIDES DEPICTING A VARIETY OF DISPLAYS.
- 240 HANSCHU, NORM
CLOSE-UP PHOTOGRAPHY OF MINERALS & FOSSILS
AN ILLUSTRATED DISCUSSION COVERING THE EQUIPMENT, TERMINOLOGY AND TECHNIQUES OF CLOSE UP PHOTOS. NORM HAS TWENTY FIVE YEARS EXPERIENCE AS A CREATIVE PHOTOGRAPHER WITH FORD MOTOR CO.
- 3 HAPIUK, PATRICIA
PYSANKY - ART OF UKRAINIAN EASTER EGGS
DEMONSTRATION OF EASTER EGG DECORATING BY A WAX AND DYE PROCESS. AN OLD UKRAINIAN FOLK ART PASSED FROM GENERATION TO GENERATION.
- 251 HENDERSON, FRED 
SLATE CARVING
A "HANDS-ON" BASICS OF SLATE CARVING. LEARN THE TOOLS, DIFFERENT METHODS, WHERE TO GET IDEAS, THEN ACTUALLY CARVE A SLATE PROJECT.
- 246 HILL, FLORENCE
GEOLOGIC LANDMARKS OF MICHIGAN
FEATURES OF OUR STATE THAT PROVIDE EVIDENCE OF OUR GEOLOGIC HISTORY. FROM PRE-CAMBRIAN TO POST-GLACIAL.
WORKING WITH JUNIORS
AS OUR RECENTLY RETIRED MIF STATE DIRECTOR, FLORENCE WILL PRESENT MANY IDEAS CLUBS HAVE USED TO HELP YOUNGSTERS EXPLORE THE HOBBY.
- 255 HODGSON, CATHERINE 
BEAD STRINGING -- AN INTRODUCTION
CHOOSING SUPPLIES: DESIGNING: VARIOUS METHODS OF STRINGING ETC. WILL BE SHOWN. BRING YOUR OWN SUPPLIES OR CHOOSE FROM LIMITED SUPPLY OF MATERIALS AVAILABLE. * (MINIMUM CHARGE .25)
BEAD STRINGING -- ADVANCED
MORE ADVANCED TECHNIQUES - KNOTTING, APPLYING ENDS, REPAIRING / RESTRINGING OLD JEWELRY ETC. * BRING JEWELRY TWEEZERS, OPTIVISOR. YOUR OWN BEADS TO REDO, IF POSSIBLE.

- ROOM
13 HODGSON, 'MICK'
OPAL CUTTING
LECTURE AND DEMO OF THE TECHNIQUES IN HANDLING THE DIFFERENT VARIETIES OF OPAL. 'MICK' HAS SPECIALIZED IN OPAL FOR OVER TWENTY YEARS.
VARIETIES OF OPAL
MICK WILL SHOW AND TALK ABOUT MANY DIFFERENT TYPES OF OPALS FROM ALL OVER THE WORLD.
- 5 HORTON, BILL
DESIGN AND FACET
HOW TO DESIGN A FACETED GEMSTONE. BILL'S GEMS HAVE WON MANY AWARDS OVER THE YEARS.
- 252 HOUSE, NADIA 
GEM TREES
A HANDS ON DEMONSTRATION OF NADIA'S METHOD OF MAKING GEM TREES.
- 5 KASSON, W. C.
HOW TO DRILL AND INLAY AGATE
A SIMPLE, INEXPENSIVE WAY TO DRILL HOLES IN AGATE THAT ALSO ALLOWS YOU TO MAKE INLAYS.
- 110 KIRBY, LEE
SANDCASTING FOR BEGINNERS (TWO PART PROGRAM)
PART I - DISCUSSION OF MATERIALS, TOOLS AND BASIC SAFETY NECESSARY FOR THIS METAL FORMING PROCESS.
PART II - DEMONSTRATION OF ACTUAL MOLD MAKING WITH FOLLOW THRU TO CASTING.
LEE IS A PAST PRESIDENT OF THE MIF.
- 241 KOSTUKOFF, MARY 
GEM TREE WORKSHOP
MARY, TOGETHER WITH JANE MATZ WILL SHOW METHODS TO MAKE GEM TREES. MATERIALS AVAILABLE OR BRING YOUR OWN.
- 269 KYLE, DAVID
FIRE AGATES
LECTURE WITH AUDIENCE PARTICIPATION - HOW TO SLAB, SHAPE, SAND AND POLISH FIRE AGATE.
- 6 LU, K. C.
STAR SAPPHIRES AND RUBIES -- SIMPLIFIED
DEMONSTRATION OF MR. LU'S TECHNIQUES USING SYNTHETICS. ALSO HOW TO FORM SMALL SPHERES FROM ANY MATERIAL USING THIS SAME MACHINERY.
- 241 MATZ, JANE 
MAKING GEM PICTURES
JANE TOGETHER WITH MARY KOSTUKOFF GIVE DIRECTIONS TO MAKE YOUR OWN GEM PICTURE. MATERIALS AVAILABLE.
- 111 MCGONEGAL, BRIAN
SILVERSMITHING SIMPLIFIED
A DEMONSTRATION OF SILVERSMITHING TECHNIQUES. FEATURING BRIAN'S SPECIAL METHODS OF FABRICATING JEWELRY.
DESIGN OF A ROCKHOUND'S JEWELRY
LECTURE COVERING THE OBJECTIVE POINTS TO CONSIDER IN THE DESIGN OF JEWELRY. TOOLS, TECHNIQUES, LIMITATIONS AND IDEAS TO CLARIFY AND SIMPLIFY YOUR DESIGNS.
- 251 MCGREGOR, JAMES
TECHNIQUES OF JEWELRY REPAIR
METHODS AND PROCEDURES OF JEWELRY REPAIR FOR ANYONE INTERESTED IN THIS SPECIALIZED WORK. MR. MCGREGOR IS OWNER / OPERATOR OF THE JEWELRY CLINIC, IN GRAND HAVEN.
- 2 MCMAHON, E. 'MACK'
SILVER CHANNELING AND RELATED TOPICS
THE CREATIVE POSSIBILITIES OF INLAY AND INTARSIA, INCLUDING THE HOW TO, BY A 'MASTER'.
- 253 MURRAY, ALBERT
MAKING OPAL AND OTHER TRIPLETS
DEMONSTRATION OF THE ART OF MAKING TRIPLETS. THIS TECHNIQUE CAN ENHANCE MANY MATERIALS.
HANDPOWERED FACETING
DEMONSTRATION SHOWING HOME MADE EQUIPMENT THAT ALLOWS FACETING BY HAND.
- 4 PETERSON, MARGUERITE
KEOKUK GEODES
HOW AND WHERE THEY WERE FORMED - HOW TO OPEN THEM - WHICH MINERALS ARE FOUND IN THEM. MRS. PETERSON IS ORIGINALLY FROM THE KEOKUK AREA.

- ROOM
15 RICE, DR. PATTY C.
THE MYSTERIES AND MYSTICAL POWERS OF AMBER
AUTHOR OF AMBER, GOLDEN GEM OF THE AGES. PATTY PRESENTS AN EXPLORATION OF PAST AND PRESENT METHODS OF CAPTURING AMBER'S MYSTICAL POWERS FOR YOUR OWN POSITIVE GROWTH.
- 15 RICE, HAROLD
INLAY SILVER JEWELRY
ARIZONA, OUR NEW MIF STATE DIRECTOR, WILL LECTURE AND DEMONSTRATE THE METHODS HE USES IN CREATING FINE CHANNEL JEWELRY.
- 244 RIVA, EVA
SPHERE MAKING
A STEP-BY-STEP DEMONSTRATION ALONG WITH IDEAS ON EQUIPMENT DESIGN FOR DO-IT-YOURSELFERS.
- 244 RIVA, PETER
FACETING
DEMONSTRATION OF METHODS TO CUT PRIZE WINNING GEMS. PETE IS FAMILIAR WITH BOTH NATURAL AND SYNTHETIC MATERIALS.
- 250 ROGERS, BESSIE
ROCK TUMBLING
HOW TO GET THE BEST RESULTS, INCLUDING HOW TO POLISH THIN SLABS IN A TUMBLER.
- 252 SCHNARR, TED
SLAB CATCHERS
SLIDES AND STEP-BY-STEP DEMONSTRATION SHOWING HOW TO MAKE ATTRACTIVE SLAB CATCHERS USING BEAUTIFUL BRAZILIAN AGATE SLABS.
- 246 SHOBE, ALBERT
LAKE SUPERIOR AGATES
SLIDE PROGRAM DESCRIBING VARIOUS TYPES OF 'SUPERIOR' AGATES. LOCATIONS FOR HUNTING ALSO.
- 243 SHORT, MARION 
PRETTY BOXES FOR JEWELRY OR STORAGE
A BRIEF HANDS-ON PROGRAM SHOWING HOW TO CONSTRUCT ATTRACTIVE BOXES FROM GREETING CARDS AND OTHER ODDS AND ENDS.
- 269 SHORT, NELSON
METAL DETECTORS
A GENERAL DESCRIPTION OF HOW DETECTORS WORK. REVIEW OF VARIOUS MAKES AND SUGGESTIONS TO USE THEM FOR ROCKHOUNDING.
- 3 STINNETT, LOUISE
WINGS OF STONE (A.F.M.S. WINNER)
LOOKING FOR AN ADVANCED LAPIDARY TECHNIQUE? THIS SHOWS A SELECTION OF BUTTERFLIES MADE OF STONE AND DIRECTIONS 'HOW TO DO YOURSELF'.
SHOW CRYSTALS (A.F.M.S. WINNER)
THIS BEAUTIFUL SLIDE PRESENTATION SHOWS THE VARIOUS CRYSTAL STRUCTURES AND EXPLAINS THE CONDITIONS THAT DETERMINE THEIR FORMATION.
- 5 STUDEBAKER, LORRAINE
A TREK TO THE U.P.'S COPPER COUNTRY
SLIDE PROGRAM AND DISPLAY OF MATERIALS THAT CAN STILL BE COLLECTED IN THE KEMENAW.
- 242 TURNER, ALICE & 'GRIT' 
WIREWAPPING
BRING YOUR OWN TOOLS AND LEARN SOME NEW DESIGNS OR JUST WATCH THIS EXACTING ART.
- 242 VAN BEEK, RICHARD
ARCHAEOLOGY - INDIAN MOUNDS
SLIDE PROGRAM COVERING THE EXCAVATION OF THE 2,000 YEAR OLD HOPWELL MOUNDS, NEAR GRAND RAPIDS, PRESENTED BY THIS PAST PRESIDENT OF MICHIGAN ARCHAEOLOGY SOCIETY. COFFINBERRY CHAPTER, AND GRAND RAPIDS MINERAL SOCIETY.
THE GEOLOGY OF MACKINAC ISLAND
THE CHANGING LEVELS OF THE GREAT LAKES. SINCE GLACIAL TIMES ARE REFLECTED IN THE GEOLOGICAL FEATURES OF THIS HISTORIC ISLAND. OTHER ASPECTS OF THE ISLAND ARE ALSO EXPLORED.

NOTE:

THE MIDWEST FACETERS GUILD WILL MEET
IN THE AUDITORIUM (F 101) SATURDAY 1-2 PM.

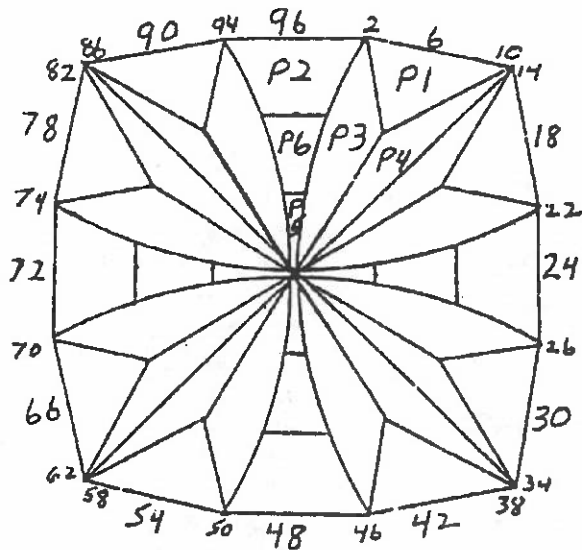
THIS SYMBOL 
A "HANDS ON" PROGRAM

From: THE NEW MEXICO FACETOR

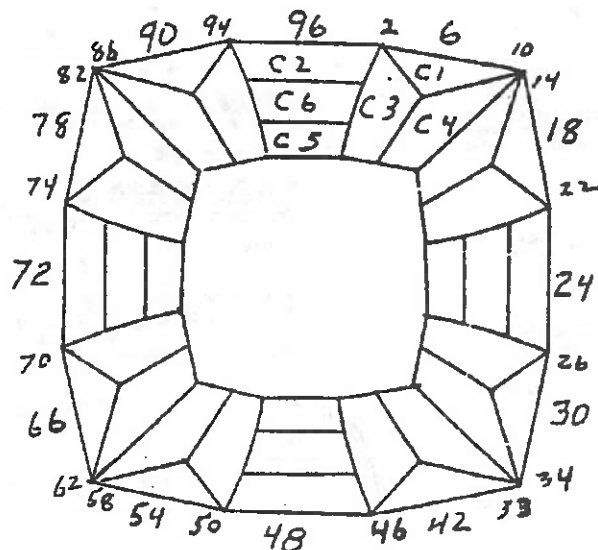
LADDER CROSS

By Dick Ochsner

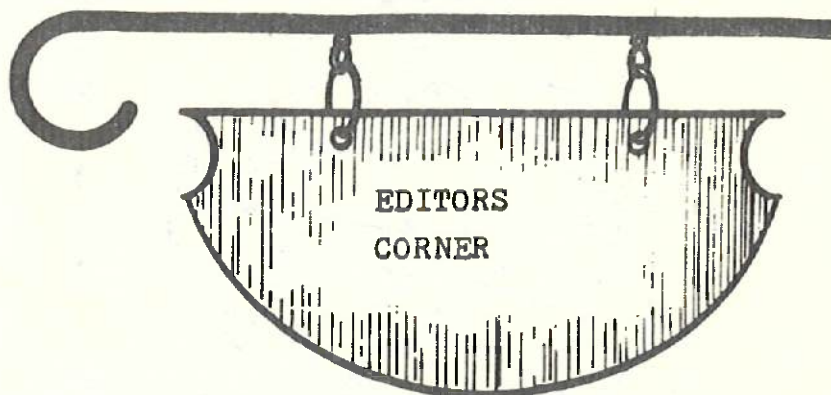
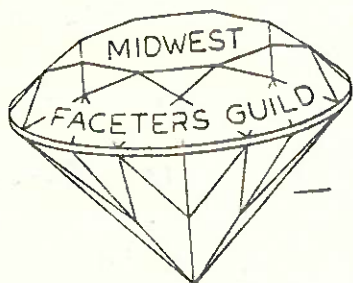
Angles suitable for corundum or CZ



FACET NO.	ANGLE	INDEX SETTINGS	NOTES
Girdle	90	96, 6, 18, 24, 30, 42, 48, 54, 66, 72, 78, 90.	Cut all 12 facets equal width
P-1	50	6, 18, 30, 42, 54, 66, 78, 90.	Match girdle facet width
P-2	45.5	96, 24, 48, 72.	Match girdle facet width
P-3	44	2, 22, 26, 46, 50, 70, 74, 94.	Meet points at girdle and culet
P-4	42	10, 14, 34, 38, 58, 62, 82, 86.	Meet points at girdle and culet
P-5	43.5	96, 24, 48, 72.	Cut to meet points at culet
P-6	44.5	96, 24, 48, 72	Make P-2, P-5 and P-6 equal
Polish		P-5, P-6, P-2, P-3, P-4, P-1.	



C-1	48	6, 18, 30, 42, 54, 66, 78, 90.	Establish girdle thickness
C-2	42	96, 24, 48, 72.	Establish girdle thickness
C-3	40	2, 22, 26, 46, 50, 70, 74, 94.	Cut to point at girdle
C-4	38	10, 14, 34, 38, 58, 62, 82, 86.	Cut to point at girdle
Table	0		Cut to 50 % of stone width and POLISH TABLE
C-5	40	96, 24, 48, 72.	Cut until C-3 and C-4 are equal width at table.
C-6	41	96, 24, 48, 72.	Make C-2, C-5 and C-6 equal.
Polish		C-5, C-6, C-2, C-4, C-3, C-1.	
Polish	90	96, 6, 18, 24, 30, 42, 48, 54, 66, 72, 78, 90.	



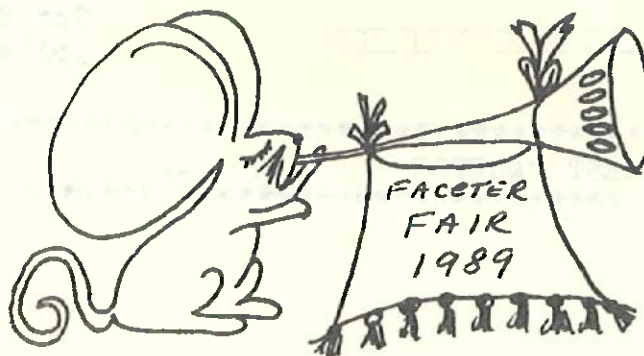
Since our trip to ICT in Shelby, Michigan many of the guild members attended the MMLSD or better known as the Dearborn clubs show.

At the demonstration tables was a line of faceting machines each from different manufacturers. Many of the guild members manned these machines much to the delight of a interested public. Jerry Lord, John Gansen, Donald Sahr, Chuck Wilkerson, Bill McVety, Bill Schell and many more who I've failed to list due to my poor memory and short deadline for this issue.

Also, of much interest was the availability of much fine facet rough from a dealer who had just returned from Brazil. The Guild members brought out his entire stock of fine raspberry colored Rubellite Tourmaline. Other items he had in big demand were other Tourmalines and some very clean and large pieces of Aquamarine rough.. Something of special interest was some Brazilianite crystals but the price was prohibitive to most of the members. Wh hope to see many fine stones cut in the future, the result of this bonanza of fine rough.

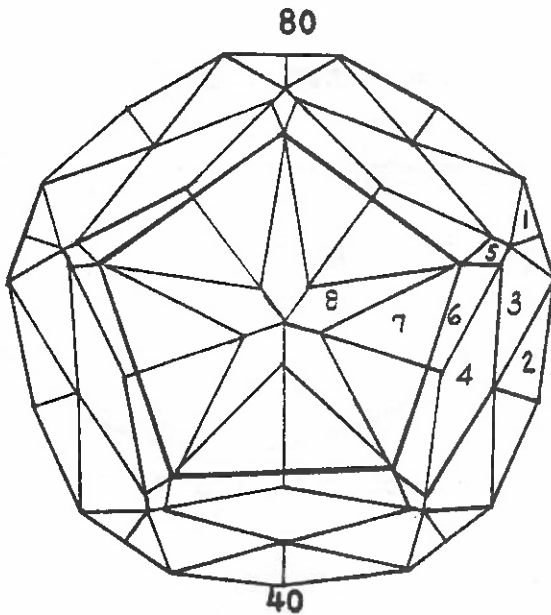
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Just a reminder of our Faceters Fair in the fall of 1989. Get involved and let us know we can count on you for help and support. If we work together we can show a gemstone hungry public our skills, talents, and interests in this fine hobby of ours. The Dearborn Club drew over 3600 people there is no reason we can't do as well or even better but, now is the time to start planning and to get our act together. So get those stones ready for competition and display, sign up to help out and support the show with your presence and word of mouth to others. I know we can do it.



CHAPCO'S STARS
By Charles W. Covill
110 Facets

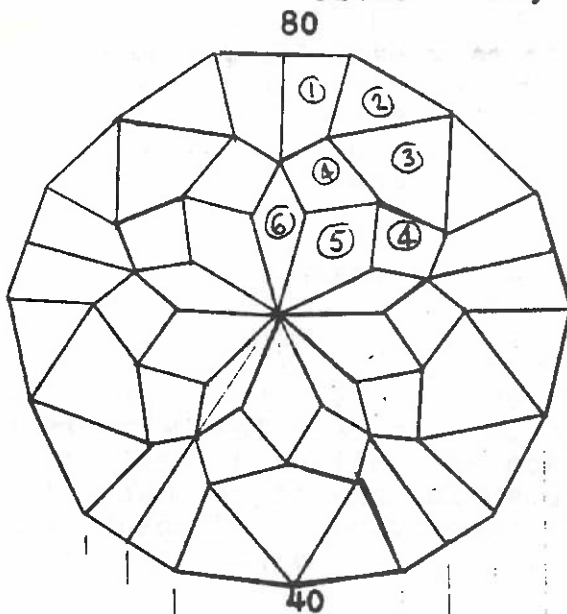
Angles are for Quartz
80 Index
Wide Table Crown -- 5 Sided



Step	Angle	Index
1	58°	78-2, 14-18, 30-34, 46-50 62-66
2	60°	7-9, 23-25, 39-41, 55-57 71-73
3	50°	6-10, 22-26, 38-42, 54-58 70-74
4	35°	8, 24, 40, 56, 72
5	29°	80, 16, 32, 48, 64
6	28°	7-9, 23-25, 39-41, 55-57, 71-73
7	5°	6-10, 22-26, 38-42, 54-58, 70-74
8	4°	80, 16, 32, 48, 64

Note: Increase angle in step 1 to decrease height of facets.
For round stone, use 64° for step 1 and 61° for step 2

Preform at 90° --- 7-9, 23-25, 39-41, 55-57, 71-73
Cut 5 corners at 90° make same width as 10 facets
above -- 80, 16, 32, 48, 64



PAVILLION

1	60°	78-2, 14-18, 30-34, 46-50 62-66
2	60°	7-9, 23-25, 39-41, 55-57, 71-73
3	56°	8, 24, 40, 56, 72
4	52°	6-10, 22-26, 38-42, 54-58, 70-74
5	46°	8, 24, 40, 56, 72
6	43°	80, 16, 32, 48, 64

Girdle



For frosted star, do not
polish step 8 of Crown

MEETING OF MAY 14th

THE MEETING AT Shelby, Michigan, May 14, 1988, was very short and precise.

The Board met and discussed the 1989 FACETERS FAIR BUDGET and it was approved as submitted by Show Chairman, George Judd.

Prizes awarded by ITC went to the following lucky winners:

\$50.00 Gift Certificate was received by June Ramshaw of the A & B Rock Shop.

\$35.00 Gift Certificates for rough CZ material went to:

Steven Louton of Bloomfield Hills, Michigan

Gil Ross of Canada

and "Birthday Man", Jim Schlottman of Royal Oak, Michigan.

The Field Trip to the Pollard Jade mines of Rawlins, Wyoming was won by Agnes Baughan of Fowlerville, Michigan.

CONGRATULATIONS TO ALL OF YOU BEAUTIFUL PEOPLE WHO WON THE ABOVE PRIZES !

Our permit number Z-2682-82-S has been received from the State of Michigan granting permission to hold our raffle at the October 1, 1988 Business meeting in Mt. Clemens, Michigan. Tickets will be mailed to members sometime within the month.

PLEASE ! PRIZES ARE STILL NEEDED FOR THE SUCCESS OF THE RAFFLE. PLEASE MAKE YOUR COMMITMENT TO CHAIRMAN, BERNARD BUSH AS SOON AS POSSIBLE.

The Secretary and Treasurer and their spouses were busy enjoying a cruise of the Hawaiian Islands, so no reports were available.

No Old or New Business was brought up for discussion by the Membership so the meeting adjourned so everyone could spend their time enjoying the most delightful , educational meeting at ITC arranged by Dorothy Loyd. Thank you, Dorothy for making our day!

The above report was submitted by President, Tom Gibbs, by phone, May 31st.

Secretary, Frances Bush.

NEEDED ! ! ! ! !
RAFFLE PRIZES FOR ANNUAL GUILD RAFFLE
OCTOBER 1, 1988 MT CLEMENTS MICH
PLEASE INFORM- BERNARD BUSH OF YOUR
COMMITMENT FOR DONATING YOUR SPECIALTY
AS A RAFFLE PRIZE
ANY HANDCRAFTED ARTICLE ACCEPTABLE
PLEASE HELP - - - - -

BERNARD BUSH
931 BRICKER AVE
TOLEDO OHIO 43608



~~Oct 15 Lansing Board~~

- Annual Board meeting at that time
Oct 29 or Nov 5th at Mt Clemens

let Don Salvo know if want to run for Treas
or resign

Bank Stamping

nylon thread stitches

use 527 glue for headstamps
super glue binds down silk fibers