

Vol. 27, Issue 4

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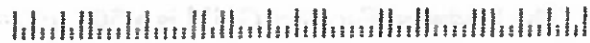
The Midwest Faceter
2071 West Reid Road
Flint, Michigan 48507

August 2007

MIDWEST FACETERS GUILD
HISTORIAN
1918 WOOD ST.
ELKHART, IN 46516

NEXT MEETING: FRIDAY AUGUST 17, 2007
7PM MOTT Community College, Gorman Bldg. Room 2109

46316+4613-1B C016



The Midwest Faceters Guild
is a Member of



The Midwest Faceter

The **Midwest Faceter** is the official publication of the Midwest Faceters Guild and is published five times a year, available to members only as a portion of their annual membership dues. Statements appearing in the **MIDWEST FACETER** are those of the authors and not necessarily those of the **MIDWEST FACETERS GUILD**, the Board of Directors or the **MIDWEST FACETER** editor. Permission to reprint any material published in the **MIDWEST FACETER** is granted provided full credit is given to the **MIDWEST FACETER** and the author.

The Midwest Faceter is sent as bulk mail and can not be forwarded.

The Midwest Faceters Guild was established July 14, 1979.

Purposes:

- To promote education and recreation
- To develop the art of faceting
- To exchange information related to faceting
- To provide meeting for those of like interests
- To promote the achievement of individuals

The Midwest Faceters Guild is a 501 (c) (3) non-profit organization.

The Midwest Faceters Guild Web Site: www.midwestfacetersguild.org

The Midwest Faceters Guild is a member of the Marshall, Michigan Area Chamber of Commerce.

Midwest Faceters Guild 2007 Officers

President:	Cindy Root, 1051 Meadow Lane, Jenison, MI 49428 616-457-8209, E-mail: d-root@sbcglobal.net
Vice President:	Walter Sidelman, 2541 Wyandotte N.E., Grand Rapids, MI 49525 616-361-6059, E-mail: waltsidelmam@comcast.net
Secretary:	Sue Zaborowski, 926 Lake Breeze, Sheffield Lake, OH 44054 440-949-8242, E-mail: jjzabor@adelphia.net
Treasurer:	Evelyn Valliere, 46643 Arapahoe, Macomb, MI 48044 586-864-5588, E-mail: gemstonebling@comcast.net



**The Midwest Faceters Guild
Is a Member of**



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Seminar Chairman

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Demonstrator Chairman

Vacant

Raffle Chairman

Vacant

Historian

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From The President

I hope you're all having an excellent Summer. The weather on the west side of Michigan has been quite hot, but there's not too much that will deter me from a camping trip.

Our Seminars will be held at Mott Community College again this year. Registration will be on Friday, August 18 from 4 – 8 p.m. At 7 p.m. we will have a membership meeting. The current plan is to order pizza and beverages and conduct the meeting during the last hour of registration.

We are in the process of planning for our 2008 show. Things are progressing quite nicely. A volunteer is needed for the raffle. This would entail collecting items from dealers, etc., for the raffle, drawing the raffle and sending out the prizes to winners not in attendance.

October 6 will be our Annual Meeting. We will meet at Schuler's Restaurant in Marshall, Michigan at 11 a.m. At that time, we will be holding our election of officers.

If you are interested in running for an office, or if you would like to nominate someone for an office, please let me know. If you currently hold an office, or are a committee chair and do not want to continue in that capacity, please let me know that too.

See you in Flint!

Cindy

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Minutes of June 30, 2007, Midwest Faceters' Guild Meeting

The meeting was called to order at 10:11 a.m. by the president.

Consent agenda items were approved as published in The Midwest Faceter.

Three additional reports were given at the meeting. They are as follows:

Seminar Report: Nine students are currently registered for the August seminars.
Johnny Tew will be our speaker at the banquet.

Publications: The question of continuing to have color in The Midwest Faceter was brought up. It was agreed that this should be continued.

Membership: Two renewals have been received by our membership chair.

Section II to be reworded as follows:

The addition of a new Section VI:

The Guild shall reimburse costs expended by members for Guild purposes up to \$50. If the expense is over \$50, member will be required to complete an expense voucher to be approved by the Board. This voucher will be forwarded to the president who will consult with Board Members and upon their approval, will forward same to the Treasurer for payment.

Show/Vendor: Dave Root

Raffle Tickets vacant

Display Barb Yost

Demonstration **vacant**

Advertising: Cindy Root

Our next meeting will be on August 17 at 7 p.m. in conjunction with our Seminar Event. The current plan is to order pizza.

Respectfully Submitted

Sue "Z"

[illegible]

August Meeting

Our August meeting will be held in the Gorman building at Mott Community College, Flint, MI, Room 3207, at 7:00 PM. If you are in the area please try to attend.

While we are on the subject of meetings, those that attended the Train Meeting in Coopersville had a wonderful time. I wish to thank Cindy and Dave Root for setting up the train ride. We had a fantastic time and enjoyed the tour narration by the train crew and also highlights pointed out by Cindy and Dave. We had an air conditioned car, the owner Jerry J. Picard came in to the car and personally welcomed us. Jerry donated the car for our use for the day. Also a special thanks to Al Kolpack who was our conductor for the day and engaged in pleasant conversations with our members.

Cindy introduced us to Tom Anderson who has a TV show and might get us a spot on local TV with copies on DVD's or Tape. The following pictures are from our excursion.



The Coopersville & Marne Railway

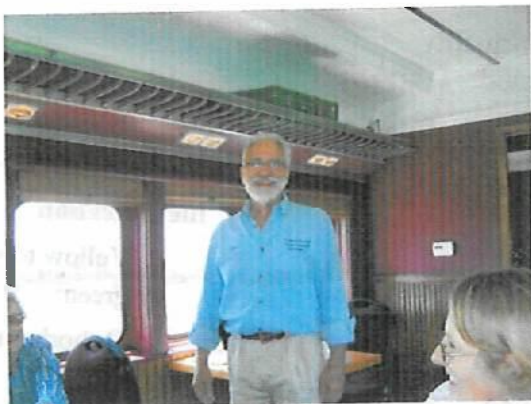
A real first class operation.



Jerry J Picard - Owner



Al Kolpack -- Conductor
Dennis & Lorraine Demerly



Tom Anderson



Barb Yost's 1st Stone, Good Job

Barb Yost is one of our new members and has already cut her first stone. She became addicted at our show last April in Marshall, MI. That is Barb in the middle left picture in the lower right corner smiling. She is from Grand Rapids, cut & polished the pavilion in Cleveland and the crown at the State Line Show. She has also volunteered to be Display Chairman for our April Show in Marshall -- Thanks Barb!!

A Special thank you to Dennis and Lorraine Demerly for donating the faceting rough for the seminar beginners class. There is enough for next year also. Thank you for your generous donation.

Peridot

From Wikipedia, the free encyclopedia

Peridot (pronounced "pair-uh-dot" or "pair-uh-doe", IPA: /pɛɪdɑːt/ or Fr. /pɛɪdo/) is the gem quality variety of forsteritic olivine. The chemical composition of peridot is $(\text{Mg}, \text{Fe})_2\text{SiO}_4$, with Mg in greater quantities than Fe. The name of the gemstone is believed to come from either the Arabic word *faridat* meaning "gem" or the French word *peridot* meaning "unclear." Peridot is one of the few gemstones that comes in only one color. The depth of green depends on how much iron is contained in the crystal structure, and varies from yellow-green to olive to brownish green. Peridot is also often referred to as "poor man's emerald". Olivine is a very abundant mineral, but gem-quality peridot is rather rare. Peridot crystals have been collected from iron-nickel meteorites.

Occurrence

Olivine/peridot is a common mineral in mafic and ultramafic rocks, and is often found in lavas and in peridotite xenoliths of the mantle that lavas carry to the surface; however, gem-quality peridot only occurs in a fraction of these settings. Peridot/olivine is mined in North Carolina, Arizona, Hawaii, Nevada, and New Mexico, in the US; and in Australia, Brazil, China, Kenya, Mexico, Myanmar (Burma), Norway, Pakistan, South Africa, Sri Lanka, and Tanzania. Peridot/olivine of high quality is commercially mined in the eastern lava fields of Saudi Arabia. The largest cut peridot/olivine is a 310 carat (62 g) specimen in the Smithsonian Museum in Washington, D.C.. A special variety of a peridot/olivine from Pakistan is known as "Kashmir" peridot. Due to the large size of the rough stones found there, cutters have successfully created faceted stones of over 100 carats (20 g) from the rough gems of this area.

Peridot/olivine is the birthstone of August.

Peridot



General

Category	Mineral
Chemical formula	$(\text{Mg}, \text{Fe})_2\text{SiO}_4$

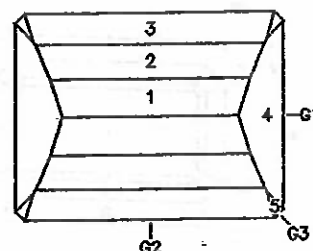
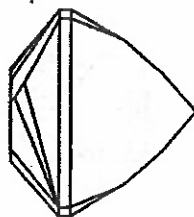
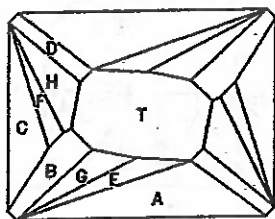
Identification

Color	Yellow to yellow-green
Crystal system	Orthorhombic
Cleavage	Poor
Fracture	Conchoidal
Mohs Scale hardness	6.5-7
Luster	Vitreous
Refractive index	1.64-1.70
Birefringence	+0.036
Streak	White
Specific gravity	3.2-4.3

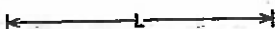
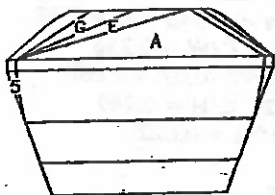
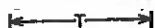


Peridot from the San Carlos Apache reservation in Arizona.

48



96



Twisted-Crown Emerald (TWISTEM.GEM)

Steve Richards

April 17, 1999

Angles for R.I. = 1.56

29 facets + 8 facets on girdle = 37

2-fold symmetry

96 index

 $L/W = 1.298$ $T/W = 0.687$ $T/L = 0.530$ $P/W = 0.617$ $C/W = 0.231$ $H/W = (P+C)/W + 0.02 = 0.868$ $P/H = 0.711$ $C/H = 0.266$ $Vol./W^3 = 0.643$

PAVILION

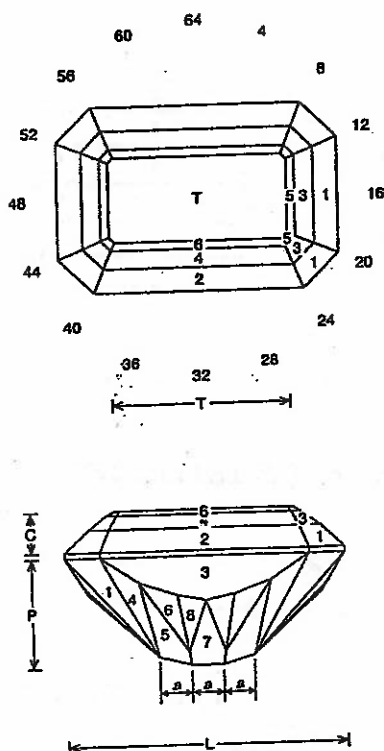
G1	90.00	24-72
G2	90.00	96-48
1	41.00	96-48
2	50.00	96-48
3	60.00	96-48
4	70.00	24-72
G3	90.00	12-36-60-84
5	62.00	12-36-60-84

CROWN

A	40.00	96-48
B	25.00	12-60
C	40.00	24-72
D	27.00	36-84
E	35.00	01-49
F	35.00	25-73
G	30.00	03-51
H	30.00	27-75
T	0.00	Table

Designed by: Steve Richards
From: Facets July 1999

Having a step cut pavillion and this crown allows any width to length ratio to be cut.



General Notes:

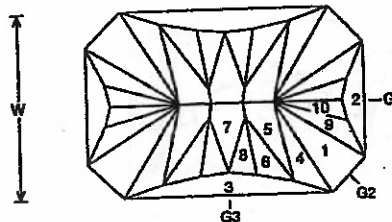
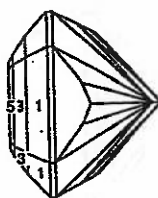
This design is the Barion Emerald Cut I transposed to a 96 tooth index gear.

Pavilion facet 7 must be placed by eye. Try to make the horizontal width (a) of this facet the same as the two pavilion 5 facets (see elevation view above). Cut pavilion facet 8 **very slowly**. Unless the widths of 5-7-5 are exactly the same, an angle adjustment will be required for pavilion facet 8.

The perpendicular distances from the center axis of the stone to the end girdle and corner girdle facets are the same. You may therefore cut crown facets 1, or 3 or 5 at the same mast height settings.

Designed by: J. W. Carrol

From: The New Mexico Faceter
January/February 1999 and
Facets April 1999



Barion Emerald Cut II

By J. W. Carroll

Angles for R.I. = 1.54

59 facets + 8 facets on girdle = 67

2-fold, mirror-image symmetry

96 index

$L/W = 1.500$ $T/W = 0.948$ $T/L = 0.632$

$P/W = 0.632$ $C/W = 0.216$

$H/W = (P+C)/W + 0.02 = 0.867$

$P/H = 0.728$ $C/H = 0.249$

$Vol./W^3 = 0.622$

PREFORM

20.00	12-36-60-84	Cut to temporary center point (TCP).
20.00	24-72	Cut to TCP.
28.63	96-48	Cut to TCP.
G1	90.00 24-72	Cut to stone length.
G2	90.00 12-36-60-84	Cut an even girdle line.
G3	90.00 96-48	Cut an even girdle line.

PAVILION

1	44.96 12-36-60-84	Cut to girdle.
2	59.47 24-72	Cut to even girdle line with 1.
3	63.74 96-48	Cut to even girdle line.
4	44.20 08-40-56-88	Cut to meet 1 & 3.
5	43.23 06-42-54-90	Cut to meet points of 1 & 4.
6	44.32 04-44-52-92	Cut to meet 3, 4, & 5.
7	43.00 96-48	Cut by eye! See General Notes.
8	44.53 02-46-50-94	Cut SLOWLY to meet 5 & 6!
9	44.60 18-30-66-78	Cut to meet points of 1 & 4.
10	44.45 21-27-69-75	Cut to meet points of 1, 4 & 9.

CROWN

1	42.50 12-24-36-60-72-84
2	42.50 96-48
3	35.50 12-24-36-60-72-84
4	35.50 96-48
5	28.50 12-24-36-60-72-84
6	28.50 96-48
T	0.00 Table

*The Legend of***APACHE TEARS**

During a battle between the U.S. Cavalry and a small band of Apaches on a mountain near Superior, Arizona, The Apaches found themselves faced with defeat and capture.

Rather than face disgrace at the hands of their enemies, they chose death from their friend the mountain, and leaped from a cliff.

The great spirit looked down on their grieving loved ones and turned their tears into stone so that all who see them will remember their lost braves.

Author Unknown.

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SEMINAR

We have had several requests for a class on "Selecting Rough and Orienting It for Dopping". Mr. Roger Dery had agreed to a late request for such a class. We have agreed that it will be scheduled for Sunday afternoon at 1 PM. Roger has indicated it will be a hands on type of class with a show and tell to evaluate your progress.

Mr. Jim Perkins will be doing a class on GemCad (advanced) stretching a round into an oval and using GemCad to reformulate a design to a different refractive index so you can use the design for the material that you have on hand.

Mr. Lee Kirby will present a class on using specific gravity in gem stone identification, this will be a lecture type class, bring note pad and writing instruments.

If you wish to attend any of these classes, you may take a break from the class that you are signed up for. These classes are of short duration, one to three hours.

Mrs. Cindy Root will present a class on beaded purses. There will be kits available for purchase, for class projects.

Don't forget the General Membership Meeting at 7 PM Friday evening.

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Our Next Meeting

October 6, at Schuler's Restaurant in Marshall, Michigan at 11 AM, 115 S. Eagle.

**Midwest Faceters Guild
Membership application**

**Single Member dues \$20.00 per year or
Family Membership dues \$30.00 per year**

Name: _____

Spouse: _____

Children: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: () _____

E-Mail: _____

Do you teach faceting? _____

Do you have a faceting machine? _____

If so what is the manufacturer and model _____

Make checks payable to Midwest Faceters Guild and mail to:

**Linda Sharkey
6195 Roberts Rd.
Mecosta, MI 49332**

Check # _____ **Receipt #** _____

Cash _____ **Card** _____

What's on the Horizon

- AUG 10-12** Show - Copper Country Rock & Mineral Club's 12th Annual Show & MWF Convention, Houghton, MI. Houghton Elementary School, Bridge St. & Jacker Ave. Fri. 1-8 PM, Sat 10AM-6PM, Sun. 11AM-5PM. Contact: Steve Whelan 906-337-2599.
- AUG 17-19** Seminar - Midwest Faceters Guild, Faceting Seminar, Mott Community College, Flint, MI. Fri. Registration 4 - 6 PM, Classes Sat. & Sun. start at 8AM. For more information call John Zaborowski 440-9498242 or E-Mail jjzabor@adelphia.net.
- AUG 24-26** Show - Michiana Gem & Mineral Society's 44th Annual Gem & Mineral Show and Sale. Fri. 2-7 PM, Sat. 10 AM - 6 PM, Sun. 10 AM - 4 PM. St. Joseph County Fair Grounds, Ironwood & Jackson Road, South Bend, IN.
- AUG 25** Swap Meet - Flint Rock & Gem Club 5th Annual Swap Meet 9AM to 5PM. Elms Road Park, Elms Road & I-69 (Use Miller Road Exit), Swartz Creek, MI. Contact Diana or Fred Dady at 810-744-0852 or daddy@access4less.net
- SEP 7-9** Show - Toledo Gem & Rockhound Club Annual Show. Stranaham Great Hall, 4645 Heatherdowns Blvd. Toledo, OH. Fri. 9 AM to 6 PM, Sat. 10 AM to 6 PM, Sun. 10 AM to 5 PM. Contact: Jerri Heer 419-389-9204 or 419-344-9999 or jheerx6@aol.com
- SEP 14-16** Show - Tulip City Gem & Mineral Club Annual Show, Holland Civic Center, 150 W. 8th, Holland Michigan. Contact Les Hintz 616-396-3420, 387hintz@macatawa.org
- SEP 15, 16** Gerald E. Eddy Discovery Center, Bush Rd., Chelsea, MI. Sat. 10 AM to 5 PM, Sun. 10 AM to 5 PM. State Park permit required.
- SEP 12-14** Show - Michigan Mineralogical Society Annual Greater Detroit Show, Bldg. P, South Macomb Community College, 12 Mile Road & Hayes, Warren, Michigan. Fri. 9 AM to 7 PM, Sat. 10 AM to 7 PM, Sun. 11 AM to 5 PM. Contact: Carol Werner 248-887-3906. cnwerner@bignet.net

FACETERS

PLUS

SEMINAR

MIDWEST FACETERS GUILD

19TH ANNUAL FACETERS SEMINAR

August 17-19, 2007

AT

Mott Community College, Flint, Michigan

THE MOST UP-TO-DATE FACETING SEMINAR IN THE UNITED STATES

CLASSES OFFERED:

Introduction to Faceting: Learn How To Cut Your First Gem Stone
Faceting Level One: Learn How To Cut An Easy Cushion
Faceting Level Two: Learn How to Cut A Floater Trillion
Faceting Level Three: Learn How To Cut An Oval
Advanced Faceting: Learn How To Cut An Emerald or Marquise
Open Faceting: Bring Your Choice Of Gemstone And Diagram
GemCad (For Windows): Create Your Own Designs On The Computer
Steam Casting: Learn how to make your own settings for Jewelry (Tentative)

Plus:

✓ Bead Workshop: Learn Pearl And Gemstone or Seed Beading
Chain Making: Learn To Do King's Link-Plus (Tentative)

EACH OF THE ABOVE CLASSES ARE TWO DAYS IN LENGTH

SCHEDULE:

Friday, August 17th 4:00 pm to 7:00 pm: Registration and Setup
7:00 pm to 8:30 pm: Welcome and Introductions
Saturday, August 18th 8:30 am to 5:30 pm: Classes
6:30 pm: Banquet With Guest Speaker
Sunday, August 19th 8:30 am to 3:30 pm: Classes

Early Registration Avoids Disappointment By Classes Being Filled

REGISTRATION DEADLINE: JULY 31, 2007

**SEMINAR INFORMATION PACKETS LISTING CONTENT OFFERING OF ALL CLASSES
WILL BE MAILED UPON REQUEST AFTER MAY 1, 2007**

For Information Now – Call or Write:

**John Zaborowski
926 Lake Breeze
Sheffield Lake, OH 44054
Phone: (440)949-8242
E-Mail: jjzabor@adelphia.net**