



**WAYNE COUNTY
GEM AND MINERAL CLUB
NEWS**
VOLUME 40 #5 MAY 2012



2011-2012

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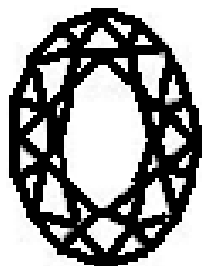
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It's Showtime

Dealers are coming...the public too...but, we'd be all alone... if we didn't have you! Ken has done a great job coordinating all the factors involved in putting on our next show. We have UV Bob and his Ultraviolet Show coming. Kid's activities are lined up. We could use more participation in the display area. If you could put something together, please let Ken know before Friday, June 1st. The case size is approximately 2'x2'x4. Fossils, minerals, GEMS... We'd love to see them.

Show setup is Friday morning 6/1 at 8AM. The dealers will come in & set up between noon and 9 PM. The show hours run 10-5 on Sat. & 10-4 on Sunday. Folks are needed to help run the club table and sluice. Sign up for times this Friday at our next meeting please. Also, we need to assemble some sandbags and grab bags so bring your excess rocks and minerals to help us meet these needs.

Bill Lesniak reports that we'll have a field trip associated with the show to Alasa Farm (Second Creek) in Alton, NY. This will be a fossil dig of Silurian-age rock in the Clinton Formation. Fossils found at this location include clusters of brachiopod "*Pentamerus oblongus*", pearly layers of "*Coelospira hemispherica*", Graptolites "*Monograptus*" in the Williamson Shale, Bryozoa "*Fenestella*", thousands of Crinoid pieces and some thin veins of hematite. If time allows we'll trip over to Chimney Bluffs State Park - a nationally known erosional feature, a truncated drumlin, along Lake Ontario. Sign up with Bill or sign up at the meeting or show. This trip will be on Sunday the third of June beginning around noon at the show.

Posters, fliers & lawn signs need to be put up in our communities. These will be available at the 5/11 meeting. This is a working meeting. 20% Inspiration 80% Perspiration. Let's have some fun getting the finishing touches on this thing. See you soon!

Pat

The History of Goldstone

Spirit Rock Shop <http://www.spiritrockshop.com/Goldstone.html>

Goldstone is a type of glass made with copper or copper salts in the presence of a reducing flame. Under normal oxidative conditions, copper ions meld into the silica to produce transparent bluish-green glass; when the reduced goldstone melt cools, the copper remains in atomic isolation and precipitates into small crystalline clusters. The finished product can take a smooth polish and be carved into beads, figurines, or other artifacts suitable for semiprecious stone, and in fact goldstone is often mistaken or misrepresented as a natural material.

The most common form of goldstone gives the illusion of being reddish-brown, although in fact that color comes from the copper crystals and the glass itself is colorless. Some goldstone variants have an intensely-colored glass matrix--

usually blue or violet, more rarely green-- and a more silvery appearance to the suspended crystals, whose color may be partially masked by the glass or which may be based on different metals than copper (perhaps cobalt, manganese, or chromium).

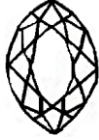






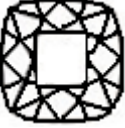







The manufacturing process for goldstone was discovered in seventeenth-century Venice by the Miotti family, which was granted an exclusive license by the "Doge" (The chief magistrate and leader of the Most Serene Republic of Venice). Persistent folklore attributes the discovery and secret of goldstone to an unnamed Italian monastic order, giving rise to the alternate name "**monk's gold**" or "**monkstone**". Another name, "**stellaria**", is based on the starry internal reflections.

Curiously, goldstone is a synthetic simulant the similar natural name for goldstone is similar word or phrase discovery, hence the for forms of feldspar or that give a similar glittering appearance.






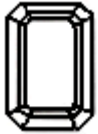


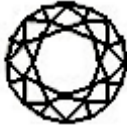
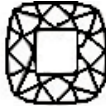






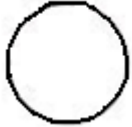
one of the few cases where provided the eponymy for stone. The original Italian "avventurina" or some indicating its accidental mineral name "aventurine" quartz with mica inclusions

Match the Lapidary Shapes & Names

1.		_____	8.		_____
2.		_____	9.		_____
3.		_____	10.		_____
4.		_____	11.		_____
5.		_____	12.		_____
6.		_____	13.		_____
7.		_____	14.		_____
			15.		_____

Answers on Pg. 4

- | | | | | |
|-----------------|-----------|------------------|-----------|-------|
| Cabochon | Baguette | Tapered Baguette | Octagon | Heart |
| Round | Briolette | Princess Cut | Trilliant | Pear |
| Antique Cushion | Square | Emerald Cut | Marquise | Oval |

- | | | | | | |
|----|---|------------------|-----|--|-----------------|
| 1. |  | Marquise | 8. |  | Emerald Cut |
| 2. |  | Trilliant | 9. |  | Octagon |
| 3. |  | Oval | 10. |  | Square |
| 4. |  | Round | 11. |  | Antique Cushion |
| 5. |  | Pear | 12. |  | Heart |
| 6. |  | Baguette | 13. |  | Briolette |
| 7. |  | Tapered Baguette | 14. |  | Princess Cut |
| | | | 15. |  | Cabochon |

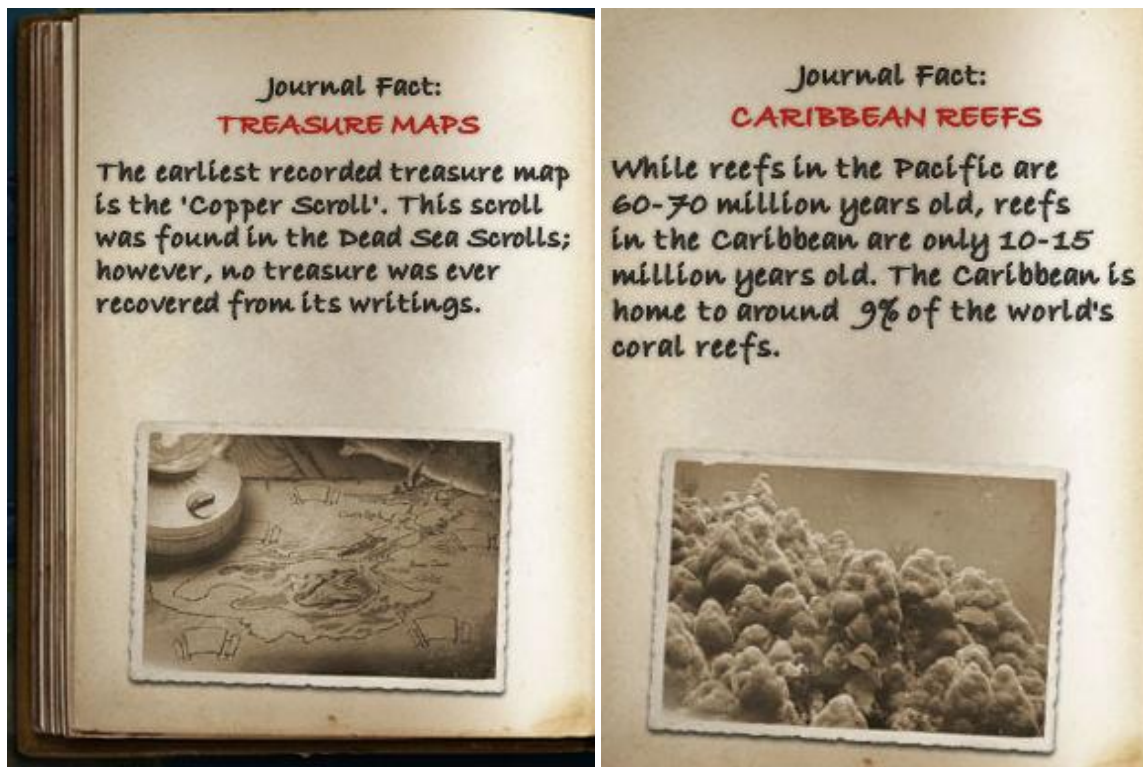
Match the Lapidary Shapes & Names Answers

The Pear also goes by “the Drop”.

The Marquis Cut is also known as “the Navette”.

The Princess Cut is also known as “the Square Brilliant”.

Pirate & Coral Reef Trivia



May Shows

5-6: Topsfield, MA - 49th Annual New England Gem & Mineral Show sponsored by the North Shore Rock & Mineral Club. Topsfield Fairgrounds, Rt 1 North; Topsfield, MA.

5-6: Pittston PA - Treasures of the Earth 7th Annual Show and Sale sponsored by the Mineralogical Society of NE PA May 5 10am to 5pm and May 6 10am to 4pm. Minerals, fossils, Crystals and Gems, free kids activities, door prizes, exhibits and demonstrations. Held at St Joseph Oblate Seminary 1880 Rt 315 Pittston PA. For more info contact George Walko (800) 473-3602

12: Biglerville, PA - South Penn Rock Swap sponsored by the Central PA Rock & Mineral Club and Franklin Co. Rock & Mineral Club. South Mountain Fairgrounds, 615 Narrows Rd; Biglerville, PA.

19-23: Towson, MD - Annual Chesapeake Gem & Mineral Show sponsored by the Chesapeake Gem & Mineral Society. Ruhl Armory, I - 695, Exit 26 (York Rd South); Towson, MD

19-20: Leesport, PA - World of Gems and Minerals sponsored by the Berks Mineralogical Society. Leesport Farmers Market Banquet Hall, Rt 61; Leesport, PA.

20: Riverdale, NJ - 2nd Annual Outdoor Gem & Mineral Show & Swap, Sponsored by The North Jersey Mineralogical Society. Sunday, May 20, 2012, Rain or Shine. 9am-5pm at The Glenburn Estate, 211 Hamburg Turnpike (Exit 53 off I-287), Riverdale, NJ. Outdoor Swap-n-Sell, UV/Flourescent Barn. Refreshments sold, FREE Admission, FREE Picnic Area.

Wayne County

Gem & Mineral Club. Inc.

Meetings held 2nd Friday of each month
Mini-Miner Program at 6:30 P.M.
Regular Program & meeting at 7:00 P.M. at
Park Presbyterian Church
Maple Court, Newark, NY 14513

WEBSITE: **www.wcgmc.org**

Organized: 1973 Incorporated: 1976

Objective: To stimulate interest in earth sciences, collecting,
classification of minerals, & in the art of gem cutting.

Fiscal Year: Oct. 1st to Sept. 30. Dues: Due Oct. 1st.

Juniors or students [18 yr.> w/o parent in club] \$10.00

Single Adult [over 18 years old] \$15.00

Family Membership [includes 2 adult votes & kids] \$20.00

Send dues to WCGMC

PO Box 4, Newark, NY 14513

Affiliated with *the American Federation of Mineralogical
Societies [A.F.M.S.]* www.amfed.org *The Eastern Federation of
Mineralogical*

& Lapidary Societies [EFMLS] www.amfed.org/efmls

The Eastern Field Trip Alliance [E.F.T.A.] www.efta.biz

WCGMC –

Always looking For New Places to Dig!

* Upcoming Events *

May

- 5/5 **WCGMC Field Trip Alden** Meet at Francis Rd. 9AM
5/11 **WCGMC Monthly Meeting** Show Preparation.
Please bring your extra samples for sluice & grab bags &
Straw Draw Showcase. Bring a friend. Bring your kids. Bring
your ideas and bring a snack. This is hungry work!
5/12 **WCGMC Field Trip Dolomite Products Open House** -
Penfield Quarry 7-Noon 746 Whalen Road Penfield, NY 14526
5/19 **WCGMC Field Trip Turner Rd.** Canandaigua Fossils

June

- 6/1 **WCGMC Show set up 8 AM**
Vendors & displays set up noon-9PM
6/2-6/3 **WCGMC Show St. Michael's School Newark**
6/3 **WCGMC Field Trip Alasha Farms**
6/8 **Newarkfest- monthly meeting ?**
6/9 **WCGMC Field Trip Cole Hill / Big Rock** Magee's at 7
6/23 **WCGMC Field Trip County Road 18 & Tichenor Pt.**
Meet at FLCC parking lot on Co. Rd 18 from 8-9:30AM then
we'll go to Mr. Kellogg's place on Tichenor Point
Details of the Events at Monthly Meeting

First Class: Dated, Meetings & Time Valued

The Public is Always Welcome



Wayne County Gem and Mineral Club
P.O. Box 4
Newark, New York 14513