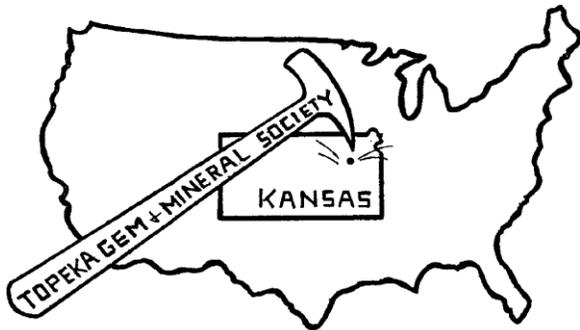


The Topeka Gem and Mineral Society, Inc.  
 1934 SW 30<sup>th</sup> St. Topeka, KS 66611  
 Rock2Plate@aol.com

# THE GLACIAL DRIFTER



[www.topekagemandmineral.org](http://www.topekagemandmineral.org)  
 Facebook: Topeka Gem and Mineral Society Field Trip

The Topeka Gem & Mineral Society, Inc.  
 Organized December 3, 1948

Member of Rocky Mountain Federation of  
 Mineralogical Societies American Federation of  
 Mineralogical Societies



The Glacial Drifter, Vol. 58, No. 07, July. 2015

The Purpose of the Topeka Gem & Mineral Society shall be exclusively educational and scientific: (1) to promote interest in geology and the lapidary arts; (2) to encourage the collection and display of rocks, gems, and minerals; (3) to encourage field trips and excursions of a geological, or lapidary nature; and (4) to encourage greater public interest and education in gems and minerals, cooperating with the established institutions in such matters.

Meetings: 4<sup>th</sup> Friday of each month, September to May, 7:30 pm, Stoffer Science Hall, Room 138, Washburn University.  
 No meeting in December unless notified of a change. Picnic meetings are held June, July and August.

Dues: Individual, \$15.00; Couple, \$20.00; Junior (under 18 years of age), \$5.00. Dues are collected in December for the following year. Send dues to: **Millie Mowry, Treasurer, 1934 SW 30<sup>th</sup> St, Topeka, KS 66611.**

## 2015 OFFICERS AND CHAIRS

President	Mike Cote	220-3272	Cab of the Month	Debra Frantz/Fred Zeferjohn	862-8876
1 <sup>st</sup> Vice Pres.	Dave Dillon	272-7804	Field Trip Coord.	Larry Henderson	-----
2 <sup>nd</sup> Vice Pres.	Carolyn Brady	233-8305	Publicity	Donna Stockton	913-645-7677
Secretary	Cinda Kunkler	286-1790	Welcome/Registration	Jason Schulz	379-5538
Treasurer	Millie Mowry	267-2849	Property	M. Cote/D. Dillon	379-5538
Directors	Harold Merrifield	286-3548	AFMS Scholarship	Cinda Kunkler	286-1790
	Chuck Curtis	286-1790	Editor/Exchange Editor	Millie Mowry	267-2849
	George Reed	836-9277	Show Chairman	Harold Merrifield	286-3548
Historian	Deborah Scanland	273-3034	Show Dealer Chairman	Dave Dillon	272-7804
Federation Rep	Harold Merrifield	286-3548	Show Secretary	Cinda Kunkler	286-1790
Corporation Agent	Millie Mowry	267-2849	Jr. Rockhound Leader	Larry Henderson	-----
Librarian	open	-----	Show Case Coordinator	Francis Stockton	913-645-7677
Web Master	Jason Schulz	379-5538			

Area Code for all numbers is (785).

### EXCHANGE BULLETINS WELCOME

For exchange newsletters contact the club via mailing address listed above or email at [rock2plate@aol.com](mailto:rock2plate@aol.com) .  
Permission is granted to reprint articles only if proper credit is given to the author, Glacial Drifter and the date.



### Meeting of the Topeka Gem and Mineral Society – No meeting in June



Now that the summer is half over we need to start preparing for the show and thinking of how to improve our Club with activities to attract and keep new members. If anyone has some suggestions and willing to serve on a committee please let one of the Officers know. This is a club for everyone and it takes more than one or two to make it run smoothly. If you are willing to serve on a committee, let us know. Sign up sheets will be available at the next picnic and at the September meeting for the show. We need LOTS of help this year to make a success of our 59<sup>th</sup> Annual Show. Please volunteer!

Mike and his Rock Stash!



### Words from our V. P.

Nothing much to report on my end. Just classes and summer picnics for now. Still needing some dealers but have all the contracts back that I sent out. Will be doing tax letter for State and add more dealers later on if I can get any more.  
Dave-



### Picnic Time is Here Again!



Bring your favorite picnic food to share, along with your own table service (plate, silverware, cups). Tea & coffee will be furnished. Time & Date: Julu 24, 2015 at 6:30 p.m. at my house—1934 SW 30<sup>th</sup> Street, Topkea, KS. (Between MacVicar and Burlingame Rd.) Your spouse is welcome to come even though they might not be a member and also your children. We eat inside where it is cool unless you want to eat on the patio. Hope to see you all on the 24<sup>th</sup>.

Millie Mowry



### We still need Best Choice UPS Labels!

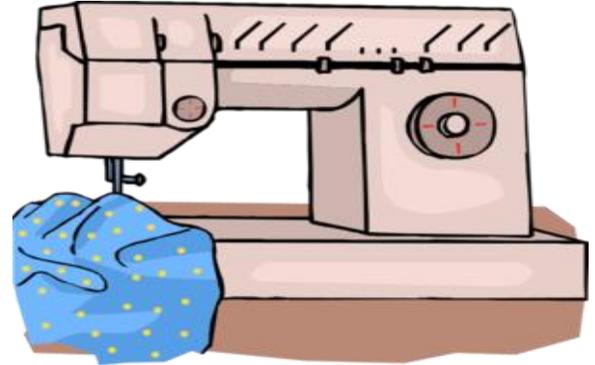
## Grab Bag Sewing Day

July 18<sup>th</sup>. 1 p.m. to 3 p.m.

1934 SW 30<sup>th</sup> St ----Millie's House

Bring your sewing machine so we can make the grab bags for the show. If you cannot sew we still need someone or two to press the bags, and to cut string.

Let me know 267-2849 or rock2plate@aol.com, if you can attend.



The T-Shirts are here, so for those who have ordered them, contact Millie for pick-up.



# TOPEKA JUNIOR ROCKHOUNDS



Facebook: <http://www.facebook.com/TopekaJuniorRockhounds>  
To register for the Junior Rockhounds or any of the classes, email Shirley Schulz, Program Secretary [sschulz@kdheks.gov](mailto:sschulz@kdheks.gov).

Classes start at 6:30pm at the Town & Country Christian Church, 4925 SW 29th Street. The Topeka Junior Rockhound Advisors will meet at 6:30 pm.

Junior Rockhounds are encouraged to attend the club meetings to receive Patches and Badges.

The August 6<sup>th</sup> class will be “Communication” by Jason Schulz

The September 3<sup>rd</sup> class will be “Gemstone Lore & Legend” by Will Gilliland

Junior Rockhounds --- We need your help.

Make up a poster board display for the September Junior Rockhound Roundup and the October Gem & Mineral society show. Earn credit toward Badge 7, Communication.

Examples:



## Qualifications for Being a Rockhound

(via *Hatrockhound Gazette*, 8/01, *Clackamette Gem*, 6/01)

1. Love of the outdoors - where else can you find rock.
2. Strong Back or Good Judgement - rocks gain weight with every step.
3. Sense of Humor - being able to appreciate someone else's find after you just stepped over it.
4. Cheerful - smile even if every muscle and bone in your body aches.
5. Adventurous - daring to take a road, even if it looks like it goes straight up.
6. Persistent - not satisfied until you have turned over every rock twice.
7. Determination - visualizing a beautiful gem cut out of a plain rock.

## Lapidary Classes

TGMS Members have access to free Lapidary classes on Tuesdays throughout the summer! There are many different projects running at our classes, from cutting and polishing cabochons to wire wrapping jewelry settings and setting rings...

Donna is wire wrapping



Robert and Ian (both Jr. Rockhounds and 4-H Geology Project Members) work on making cabochons for their upcoming 4-H Geology displays.

Kristen & silversmithing



Yvonne getting advise from Dave.

If you are interested in learning to cut and polish cabochons & silversmithing, be sure to show up at lessons on Tuesday nights from 6 – 9 at Mike's.



# Field Trip Calendar

**An up-to-date Calendar can be found on the Topeka Gem and Mineral Society Website:**

<http://topekagemandmineral.org/calendar.html>

Public Facebook Page:

<http://www.facebook.com/pages/Topeka-Gem-and-Mineral-Society-Field-Trips/92795058262>

Trips dates are tentative and subject to additions and change. E-mail Larry if you have an interest in any of these trips [LHenderson85@gmail.com](mailto:LHenderson85@gmail.com)

✓ July 25, Field Trip TBA

• **Additional Show Dates:**

For additional listings of gem shows see [www.rockngem.com](http://www.rockngem.com)

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- ✓ **July 16-18—CODY, WY: RMFMS** Mineral & Gem Show; WY State Mineral and Gem Society, Cody H.S. Sweitzer Gymnasium; 920 Beck Avenue, Cody, WY 82414; Thu. 4:00 p.m-8:00 p.m, Fri. 10:00 am-8:00 pm, Sat. 10:00 am-4:00 pm; [wsmgspres@wymaterialandgemsociety.org](mailto:wsmgspres@wymaterialandgemsociety.org); Web site: [www.wymineralandgemsociety.org](http://www.wymineralandgemsociety.org)
- ✓ July 25-27—Fort Worth, TX: Cendra Center, 3600 Benbrook Hwy Free Admission Web Site: [www.thebeadmarket.net](http://www.thebeadmarket.net)
- ✓ July 26-27—Rapid City, S. D.: Rapid City Civic Center, 444 Mount Rushmore Rd Web Site: [www.wdgms.org](http://www.wdgms.org)
- ✓ August 7-10—Buena Vista, CO. Annual Contin-Tail Show, Rodeo Grounds: Gregg Dr. & Rodeo Rd. Free admission, Web Site: [www.coloradorocks.org](http://www.coloradorocks.org)

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The first and third Tuesday night the Fossil Special Interest Group will meet at 7:00 p.m. at Baker's Dozen, 4310 SW 21st St, Topeka, KS. We will discuss fossils and other collections. Come join us with show and tell.

**Junior Rockhounds can get help on their collections.**

July 21, 7:00 p.m.

August 4, 7:00 p.m.

August 18, 7:00 p.m.



## Brad's Bench Tips

[www.BradSmithJewelry.com](http://www.BradSmithJewelry.com)

### SMALL PARTS CONTAINERS

I'm always on the lookout for small containers to use for holding all those little parts and tools we deal with in making jewelry, especially since I'm always traveling to classes and workshops.

My latest find are some plastic vials about 15 mm in diameter and 75 mm long. Best part is they are free. The vials are used in the doctor's office to draw blood samples. They cannot be used after their expiration date, and are thrown out. On my last doctors visit, I asked the nurse if they had any expired vials. She said "How many do you want?" and tried to give me 400 of them. (We settled on 200).

The ones I have are called "Vacutainers", but there are probably many other names. They are clear plastic with a rubber stopper and a paper label all ready to write on. I find them really handy for small parts like jump rings, prong settings, small drills, nuts & bolts, faceted stones, and precious metal filings.

### TRY A TOOTHPICK

The round, stronger toothpicks have a multitude of uses on the jewelry bench. I use them for mixing epoxy resin, for applying paste solder, and with Zam for polishing in tight spots. Toothpicks are also handy for holding a stone while stone setting. Just break off the sharp tip, mold a little beeswax over it, and press it onto the table of your stone.

### NEW RELEASE - Broom Casting Book

I'm pleased to announce the publication of "Broom Casting for Creative Jewelry and Metal Work", one of the techniques that puts the fun into metal working.

Discover the rush of pouring molten silver into a common straw broom to get marvelous icicle-like shapes that make elegant pendants and earrings. Now available on Amazon at [www.amazon.com/dp/0988285835/](http://www.amazon.com/dp/0988285835/) or search for "Broom Casting".

Get all 101 of Brad's tips in; "Bench Tips for Jewelry Making" on Amazon

## JASPER

One of the common sedimentary rocks which are popular for lapidary use is jasper. Jasper is an opaque variety of Chalcedony, and is usually associated with brown, yellow, or reddish colors, but may be used to describe other opaque colors of Chalcedony such as dark or mottled green, orange, and black. Jasper is almost always multicolored, with unique color patterns and habits.

The appeal of Jasper is its interesting color patterns and formations. Though it can be a solid color, it is most often mottled, spotted, ringed, or striped. Each Jasper has a unique color or pattern, lending this gemstone much variety. Jasper is an ancient gemstone, and is mentioned in the bible and other classical sources. Though fairly common and affordable today, Jasper in antiquity was regarded as a valuable stone.

Jasper is generally an inexpensive gemstone when used in jewelry. It is cut and polished into cabochons, and used as beads for necklaces and bracelets. It is also carved into cameos which can be worn as pendants.

Jasper has an over-abundance of variety names. Some variety names are generally used by collectors and dealers, but there are many made up by dealers to describe a locality or other habit. The varieties below are the well-known names or varieties that are commonly encountered. Seldom-used and localized trade names are not described here:



\_ **Agate Jasper** - Opaque multicolored Jasper, or Jasper with banding; may also refer to

a single stone with a combination of both Agate and Jasper.

\_ **Biggs Jasper** - Jasper from Biggs Junction, Oregon, with varying light and dark color brown bands and pretty formations.

\_ **Brecciated Jasper** - Jasper in rounded fragments naturally cemented together in a gray material; appears similar to breccia.

\_ **Bruneau Jasper** - Jasper from Bruneau Canyon, in Owyhee County, Idaho, with distinctive brown, cream, (and sometimes even red or green) banding and patterns.

Biggs Jasper

\_ **Cave Creek Jasper** - Reddish Jasper found near Cave Creek in Maricopa County, Arizona.

\_ **Deschutes Jasper** - Jasper from a deposit slightly east of Biggs Junction, of Washington state and sometimes also labelled as Egyptian Jasper.

\_ **Green Jasper** - Jasper with a light to dark green color. Green Jasper differs from Prase and Plasma since it is fully opaque.

\_ **Jaspilite** - Banded rock that is a mixture of Hematite and Jasper.

\_ **Kinradite** - Orbicular Jasper with concentric rings of colorless or white Quartz.

Occasionally used as a synonym of Jasper.

\_ **Leopard Jasper** - Form of Orbicular Jasper with tan color rings, appearing similar to the spots of a leopard.

\_ **Morgan Hill Jasper** - Jasper from Morgan Hill, California, with small reddish and yellow "poppy" formations. Also synonymous with "Poppy Jasper".

\_ **Morrisonite** - Multicolored Jasper from the Owyhee River gorge in Malheur Co., Oregon.



Ocean Jasper

\_ **Moss Jasper** - Form of Jasper or Chalcedony containing dense inclusions of green Hornblende that cause the pattern to resemble moss. Often used as a synonym for Moss Agate, though Moss Agate is translucent whereas Moss Jasper is opaque.

\_ **Ocean Jasper** - Form of Orbicular Jasper found on the coast of Madagascar with small, tight, concentric ring formations.

\_ **Opal Jasper** - Form of Brecciated Jasper in which the cementing material is Opal.

\_ **Orbicular Jasper** - Jasper with rounded concentric rings throughout.

\_ **Owyhee Jasper** - Form of Jasper with scenic picture formations found near the Owyhee River in Oregon.

\_ **Picture Jasper** - Form of Jasper with scenic picture-like formations.

\_ **Poppy Jasper** - Form of yellow Orbicular Jasper with red concentric rings.

\_ **Riband Jasper** - Jasper with banded stripes, usually dark red, brown, yellow, or white bands.

\_ **Ribbon Jasper** - Form of Banded Jasper with think banded lines.

\_ **Rogueite** - Green form of Jasper from the Rogue River in Oregon.

\_ **Russian Jasper** - Jasper from Russia, usually with reddish spots.



Zebra Jasper

\_ **Stone Canyon Jasper** - Yellowish Brecciated Jasper from Stone Canyon (near San Miguel), California.

\_ **Wascoite** - Jasper from Wasco Co., Oregon, with irregular yellow, pink, and red concentric bands.

\_ **Zebra Jasper** - Dark brown Jasper with light brown to white colored banding streaks

Most Jasper is natural and not treated or enhanced, although occasionally it is dyed.

Jasper is common and found worldwide.

Important deposits exist in India, Russia, Kazakhstan, Indonesia, Egypt, Madagascar, Australia, Brazil, Venezuela, Uruguay and the United States (Oregon, Idaho, Washington, California, Arizona, Utah, Arkansas, and Texas).

Jasper is distinguished from other Chalcedony varieties such as Agate and Carnelian by its opacity. The unique color patterns (combined with hardness) can distinguish Jasper from all other gemstones.