

"Stones and Bones" Official Publication of  
The Imperial Bone Valley Gem, Mineral and Fossil Society, Inc. (IBVGM&FS)  
Editor, P.O. Box 2054 Auburndale, FL 33823

# STONES and Bones



MEMBERSHIP MAILING ADDRESS:

Imperial Bone Valley Gem, Mineral and Fossil Society, Inc.  
P.O. Box 2054  
Auburndale, FL 33823

Imperial Bone Valley Gem, Mineral and Fossil Society, Inc. meets at 7:00 P.M., the second Thursday of each month at the Auburndale Women's Club, 243 E. Lake Ave., Auburndale. The next meeting will be held on Thursday, January 14, 2010. *Visitors are always welcome.*

Check out our website at [www.bonevalley.net](http://www.bonevalley.net)

MAIL SUBMISSIONS FOR NEWSLETTER TO THE EDITOR  
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Imperial Bone Valley Gem, Mineral & Fossil Society, Inc.

## Officers For 2010

President	Cindy Reed	863-644-6665
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1 <sup>st</sup> VP	VACANT	
2 <sup>nd</sup> VP	VACANT (also membership chairman)	
Secretary	Laurie Williams	
Treasurer	Roger McQuown	

### Board Members

Past President	Jan Liles	863-519-9449
1-Year Term	Jim Reed	863-644-6665
2-Year Term	Bob Gayle	863-644-6665
3-Year Term	Susan Burns	

### Committee Chairs

Program Chairman	VACANT	
Corresponding Secretary	VACANT	
Annual Show	Jim Reed	863-644-6665
Education	VACANT	
Field Trips	Kim Price	
Historian	Jan Liles	863-519-9449
Shop Manager	Jim Reed	863-644-6665
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Parliamentarian	Ray Lints	
Snacks	Jan Liles	
Editor / Webmaster	Cindy Reed	863-644.6665
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## Statement of Principles

1. To stimulate interest in the collection, study, identification, and classification of gem, mineral & fossil specimens.
2. To disseminate knowledge of lapidary work and classification of gems, minerals & fossils, and their applications in the arts and sciences.
3. To encourage and facilitate instruction in the various elements of mineralogy and lapidary work and identification and classification of fossils.
4. To arrange and conduct field trips for collection of specimens.
5. To participate by displaying and taking part in all local, state, and Federation shows to the greatest possible extent.
6. To encourage adherence to the American Federation of Mineralogical Society's Code of Ethics.

## LOCATION FOR 2009 MEETINGS Auburndale Women's Club, 243 E. Lake Ave.

Directions: From Hwy 92, turn north on Main Street (SR 559 at the Sunoco Station) go to the next light and turn right on Bridgers. Turn left just past the library (about 1/2 mile down the road). Take the first left and you'll be on E Lake Ave. The Women's Club is on the right, across from the library (I think it's the 2<sup>nd</sup> building).

From Polk City or North Lakeland, take SR 559 through Auburndale. Turn left on E. Lake across from the park. Or, you can continue on to Bridgers and turn left there.

## Message from the President

The December potluck dinner Christmas party was a success. I believe we had 18 people brave the elements to attend. As always, the food was great and there was way too much of it. Thanks again to our wonderful cooks. We always manage to have a lot of different food and yummy deserts. On the gift front, we had some great one. Poor Gene! It seemed like everything he opened was stolen. He gets the prize for most trips to the tree.

Now it's time to prepare for our January meeting. We will have a fantastic speaker in January. Gene McDevitt will bring a slide presentation on his opal mine in Australia. We met Gene earlier in the year at the Tampa club and look forward to hearing him again. Jim can't wait to see the new batch of opals (and buy some, of course).

Plans for the February show are in full swing. Jim, Gene Bergfield, Wayne Bryan, Susan Burns, Julie Hodges and Kim Price are putting a lot of effort into the planning. Thanks for all your time and ideas. I know we'll have a great show because of you.

I hope everyone had a very nice Christmas and we all have a peaceful and safe 2010. I'll see you at the January meeting. As always, you can call me on my cell at 863-255-5256 or email me at [cdreed57@tampabay.rr.com](mailto:cdreed57@tampabay.rr.com)  
Cindy Reed, President

### HAPPY BIRTHDAY

Dawn Blanchard  
Juanita Bergfield  
Mike Elliott  
Julie Hodges  
Roger McQuown  
Susan Hurley Richeson  
Mary Sullivan

### HAPPY ANNIVERSARY

Greg and Susan Richeson

### January Birthstones

Modern Birthstone	- Garnet
Traditional Birthstone	- Garnet
Mystical Birthstone	- Emerald
Ayurvedic Birthstone	- Garnet
Other	- Moss Agate, Opal

## News

We have an exciting program in January. Gene McDevitt has agreed to bring his presentation on his opal mine in southwest Queensland, Australia. Gene lives in Safety Harbor during our winter months and goes back to his mine during our summers. He works in an underground shaft and tunnel mine about 42 feet below ground. Gene has a master's degree in mathematics and bachelor's degrees in both philosophy and biology. He was in the process of working on a PhD in neuroscience at the University of Pennsylvania when he decided leave school and pursue rocks full time. After we saw his presentation at the Tampa club last year, we knew our club members would love his talk. I believe he'll have opals for sale afterwards. His web site is: <http://www.koroit.com/> ***If you're an opalhollic, this meeting is a must attend!***

**Don't Forget** - It's time again for renewal. I've received applications from a lot of you, but there's some that still need reminders. You received the new applications with the last 2 newsletters, so I'm not attaching it again. If you need it, please let me know.

**We're still accepting fossils, shells, tumbled stones or anything that would work in the sand box. If you have something, please call Jim Reed.**

**FOR SALE:** Thanks to Gene who went through all the extra motors @ the shop and found most worked fine. He did find one that works but becomes real hot after approximately 15 minutes. So it is good for a short duration piece of equipment and is for sale for \$10. Maker – Dayton Split Phase 1/3 HP motor w/ 1725 RPM, Arbor is 1/2". Anyone who wants it e-mail Jim, or call 644-6665.

**December 2009 SHOP REPORT** - Under the direction of the Shop Manager the following has been accomplished over the last month: Several conversations have been held with Lortone about the 18" saw resulting in the following maintenance and repairs being preformed: New Pillow Block Bearings (2), New Arbor Shaft, New Blade Shoulder Washers, New Shaft Retainers, and a new Felt Seal installed. The Arbor and a borrowed Blade have been aligned to the Vise and Trolley. The saw will cut soft stone currently, but is not ready for Club use yet. The feed rate is not correct. We are in conversations with Lortone and performing the tests they recommend to identify the root cause of the feed rate problem. All new parts and labor used on the 18" saw have been donated to the club by Juanita and Gene Bergfield. The reorganizing of the Conex is still in process. As reported earlier, this will be a lengthy process.

**2010 Show** Message from Jim Reed – We have secured a facility for our 2010 rock show! It will be on Saturday February 27, 2010. Thanks to all those folks that helped. We went through a lot of possible places to hold the show – most did not have available space or too expensive. The show will be at the Stuart Center in Bartow, run by the Polk County Extension Services. It has a big room along with a stage area, a kitchen, tables, and chairs. There will be room outside to have a sand box for the kids. We are still in the planning stages but we need all the help we can get. The next meeting and February meeting we will discuss the show.

**WE STILL NEED VOLUNTEERS DURING THE SHOW.** If you will be at the show and can help let us know. We have to know who will be assigned to certain tasks. This is how the club makes money and survives. Not to sound too negative but I would hate to have to assign tasks.

The room has some nice glass display cabinets along the wall. We'd love to fill them with interesting specimens from our club members. Please let us know if you have something to add.

\* \* \* \* \*

Since we had the dinner in December, there are no minutes or Treasurer's report this month.

## January 2010 Shows and Swap Meets

1/15-17/2010--LARGO (ST. PETERSBURG), FLORIDA: 34th annual show and sale; Pinellas Geological Society; Largo Cultural Center, Parkside Room, 105 Central Park Dr.; Fri. 10-6, Sat. 10-6, Sun. 12-5; contact Hugh Sheffield, (727) 894-2440

1/16-17/2010--DeLAND, FLORIDA: 39th annual show; Tomoka Gem & Mineral Society; Volusia County Fair Grounds, State Rte. 44; Sat. 10-6, Sun. 10-5; adults \$4, children 12 and under free;; contact Florence D. Nordquist, 521 S. Palmetto Ave., Daytona Beach, FL 32114, (386) 226-4032; e-mail: fndesign@aol.com; Web site: [www.tomokagms.org](http://www.tomokagms.org)

1/30-31/2010--PANAMA CITY, FLORIDA: 19th annual show; Panama City Gem & Mineral Society; Bay County Fairgrounds, American Legion Bldg., U.S. Hwy. 98 (15th St.) and Sherman Ave.; Sat. 9-5, Sun. 9-4; free admission; contact Ruth Alldredge, 316 Cherry St. #38, Panama City, FL 32401, (850) 784-0740; e-mail: [Aquezpie@comcast.net](mailto:Aquezpie@comcast.net)

## Upcoming Shows and Swap Meets

2/27/2010 – **IMPERIAL BONE VALLEY GEM, MINERAL & FOSSIL SOCIETY, 6<sup>TH</sup> Annual Gem, Mineral & Fossil Show & Sale**; Sat: 10AM-5PM, Stuart Center, 1702 US Hwy 17 S., Bartow, FL Children's sandbox, demos, raffle and silent auction, Show contact: Jim Reed, 863-644-6665 Email contact: [rocks57@tampabay.rr.com](mailto:rocks57@tampabay.rr.com) <http://www.bonevalley.net>

## **PESTOSKEY STONE**

The word Petoskey is the English of the Indian word Bidasiga which means “Rays of the Rising Sun”. It is a fossil coral that is extinct – hexagonoria percarinata with its radiating lines within each coral. It is the state stone of Michigan and is very plentiful in the Michigan area but not all is of prime lapidary quality. Really fine coral makes wonderful pendants and jewelry and can be expensive.

So when was this coral alive? About 350 millions years ago there were seas in the Michigan area along with brachiopods, bryozoans, crinoids, and stromatoporoids. This is the Devonian Era. The climate was tropical and many reefs occurred in shallow seas. Animals died and went to the bottom and were covered by silts. If conditions were right, they became fossils.

Quality Petoskey stone is solid. Any holes should be filled with calcite. You'll know it when you slice the stone that you have a great slab that will make an excellent cabochon. There are no problems when you cut this stone and normal polishing techniques work fine. Here are some wonderful pictures of Petoskey stone!



# January 2010

SUN	MON	TUE	WED	THU	FRI	SAT
					 1	2
3 Shop Open 10:30-4	4	5	6	7	8	9
10 Shop Open 10:30-4	11	12	13	14 Meeting 7pm Gene McDevitt	15	16
17 Shop Open 10:30-4	18	19	20	21	22	23
24 Shop Open 10:30-4	25	26	27	28	29	30
31 Shop Open 10:30-4						

Happy New Year!