

"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 Bartow Civic Center, 2250 S. Floral Ave., Bartow. June's meeting will be held on Thursday, June 14, 2007. *Visitors are always welcome.*

Check out our website at www.bonevalley.net

MAIL SUBMISSIONS FOR NEWSLETTER TO THE EDITOR
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STONES and Bones

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Imperial Bone Valley Gem, Mineral & Fossil Society, Inc.

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Education	VACANT	
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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.

JUNE PROGRAM

Dr. Sam Upchurch will present "Trap Rocks." Trap rocks are dark, fine-grained, volcanic or near-surface intrusive rocks. Not exciting? But wait till you see the treasures from trap! Trap localities around the world are sources of magnificent zeolites and associated minerals like prehnite and datolite. New Jersey used to be a source of these fine minerals but now India is currently producing huge amounts of high quality crystal specimens at affordable prices. Many of the best agate localities are in trap rocks. Basalt flows in Brazil and Uruguay seem to be a never-ending source of amethyst for collectors and gem cutters.

Sam is a professional geologist and an avid mineral collector. He has spoken to our group about "Florida Calcite" and "Stalking the Wild Fluorite." His power-point programs are always entertaining and informative. .

Tony Gricius

Message from the President

Dear Members,

Well, until we find a new treasurer, there will not be a Treasurer's report. As it stands, we need to fill the positions of Treasurer, 1st and 2nd Vice President, Correspondence Secretary and a couple of Board Member positions. We can not expect 2 or 3 people to do it all. It takes involvement to keep a club running. We need people to step up and help. We need people to help organize a show in the fall. As it stands, we have enough money to cover our rent and insurance for next year. After that, who knows.....

The display at the Bartow Library in July and August is a go. Please be sure to email me or Cindy if you have something you want to put on display. They think a wire wrapping demo would be great.

We had a great turn out for the May program. Richard Fifer's program on Pierce was very interesting. Hope to see you at the June meeting.

Jan Liles, President

HAPPY BIRTHDAY

Tom Abel
Nita Cunningham
Marte Dantzman
Cindy Reed

HAPPY ANNIVERSARY

Charles & Margaret
Appenzeller
Stephen Berglund
Bob & Nita Cunningham

May Birthstones

Modern Birthstone	- Alexandrite
Traditional Birthstone	- Pearl, Moonstone
Mystical Birthstone	- Moonstone
Ayurvedic Birthstone	- Pearl
Other	- Agate, Emerald

LOCATION FOR 2007 MEETINGS - Bartow Civic Center, 2250 S. Floral Ave.

Directions: Coming east on Hwy 60 (W. Main Street), you can turn south on 555, go a little more than a mile and turn left on W. Clower Street—go east on W. Clower St. to S. Floral Ave. and turn right (south).

Coming south on US 98 from Lakeland, continue south on Broadway to Stuart St., then turn right. Go one block then turn left onto S. Floral Ave.

If you are coming from the east on 60 or from the south on 98, then you can take Stuart St. west to S. Floral Ave.

There was no Board meeting for the month of May.

IBVGM&FS
Meeting Minutes
May 10, 2007

The May 10, 2007 meeting was called to order at 7:15 pm by President Jan Liles. The location was the Bartow Civic Center on Floral Ave. Fifteen members and nine guests were present.

- Changes to the April minutes: Mary Linda Schofield brought new cloth bags for use as grab bags, not Mary Sullivan.
- Jan Liles presented the Treasurer report. The bank has refunded our fees and agreed to not charge them in the future.

We made approximately \$365 at the yard sale. This was a combination of household items, rocks, and vendor fees. We also picked up a new member.

Marte Danzeman resigned as Correspondence Secretary due to health problems. Cindy & Jim Reed will take over as editor of the Stones and Bones.

Jan contacted the Bartow Library about setting up a display again this summer. We will have the showcases July, 2 – August 31. They have requested a demo on wire wrapping.

Jim Reed has some Red Lightning and Grizzly Geodes for sale in the back of the room. Mary Sullivan has rocks set up for a silent auction with proceeds to the club.

We would like to send 12 grab bags and a display to the fossil museum in Mulberry. Club needs fossil and rock donations for the bags.

The meeting was adjourned at 7:30 pm, followed by a presentation from our guest speaker, Richard Fifer on "Pierce, a Phosphate Town". I found the presentation very informative and interesting. Refreshments were provided by Wes Greenamyre. Thanks to Richard and Wes

Respectfully Submitted
Cynthia Reed – 5/25/07

Note from the Editor

I'd like to thank Marte Dantzman for making the transition to editor so easy. She set up the template, so all I have to do is change some words here & there. We're sorry to lose her as editor and hope this relieves some of the stress in her life.

As your new editor, please let me know if there's something you'd like to see in the S&B's. If you have any articles to contribute, news to impart or pictures to share, please contact me. And remember, you can always access a copy of the newsletter on our web site www.bonevalley.net. I will also start posting them in our newsgroup at <http://groups.yahoo.com/group/bonevalley/>. If you missed this announcement and would like to join, please contact me & I'll send you an invite.

Jim Reed has contributed an article for us this month. Remember, you can be published, too.

Editor, Stones & Bones, Cindy Reed

JUNE SHOWS & SWAP MEETS

June 1-3, West Palm Beach, FL - The Down the Street Bead Show. Beads, Jewelry, and Art Extravaganza. Florida State Fairgrounds, 9067 Southern Blvd. 1st, noon-6; 2nd, 10-6; 3rd, 10-5. (866) 667-3232, www.thedownthestreetbeadshow.com.

June 2-3, Birmingham, AL - Alabama Mineral & Lapidary Society. 34th Annual Tannehill Gem, Mineral, Fossil, and Jewelry Show. Tannehill Historical State Park. 9 a.m.-5 p.m. daily. Rick Kittinger, rick.kittinger@bellsouth.com, www.lapidaryclub.com.

June 2-3, Maitland, FL - Intergalactic Bead & Jewelry Show. Maitland Civic Center, 641 S. Maitland Ave. 10 a.m.-5 p.m. daily. 888-729-6904, ibs@beadshows.com, www.beadshows.com.

June 3, Ft. Lauderdale, FL - Rings & Things. Wholesale Bead Show. 800-366-2156, www.rings-things.com.

June 5, Tampa, FL - Rings & Things. Wholesale Bead Show. 800-366-2156, www.rings-things.com.

June 6, Orlando, FL - Rings & Things. Wholesale Bead Show. Holiday Inn Orlando North/Altamonte, 230 W. SR 436. 1-5 p.m. 800-366-2156, www.rings-things.com.

June 7, Jacksonville, FL - Rings & Things. Wholesale Bead Show. Clarion Hotel Airport Conference Center, 2101 Dixie Clipper Rd. 2-6 p.m. 800-366-2156, www.rings-things.com.

June 9-12, Miami, FL - International Precious Metals Institute. 31st Annual Conference of Precious Metals. Doral Golf Resort & Spa, 4400 NW 87th Ave. 850-476-1156, www.ipmi.org.

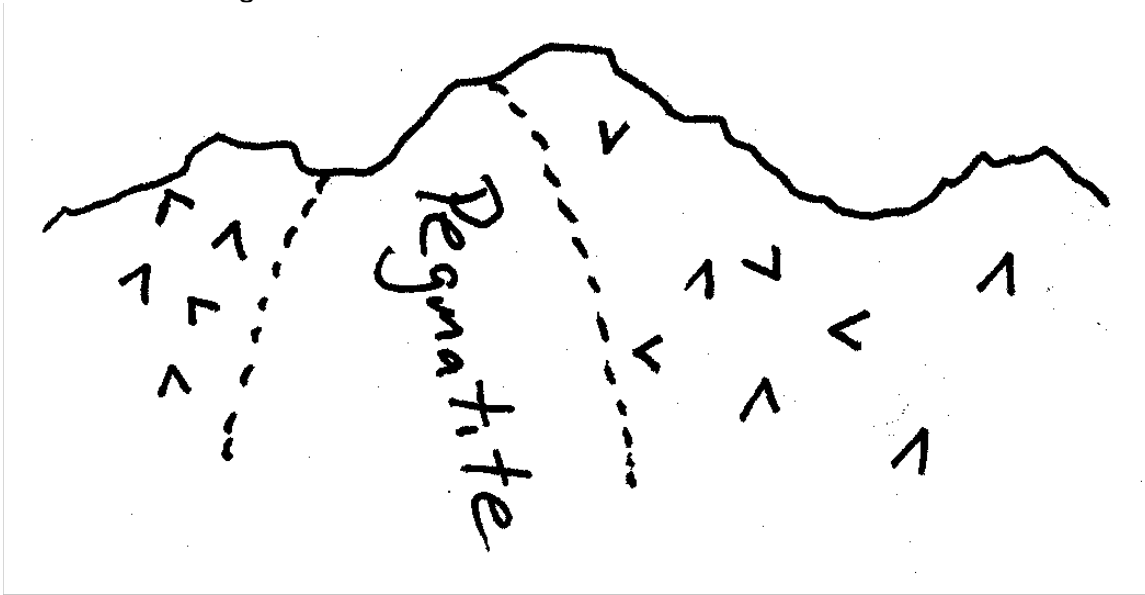
June 16-17, Pompano Beach, FL - Intergalactic Bead & Jewelry Show. Pompano Beach Civic Center, 1801 NE 6th St. 10 a.m.-5 p.m. daily. 888-729-6904, ibs@beadshows.com, www.beadshows.com.

June 30-July 1, Orlando/Maitland, FL - The Bead Mercantile Show. Maitland Civic Center, 641 S Maitland Ave. 423-639-7942, www.beadmercantile.com.

PEGMATITES

By: Jim Reed

Pegmatites are intrusive rocks and a combination of common minerals such as feldspars, quartz, and mica that occur in small stocks, dikes, or small intrusions. The texture, mineralogy, structure, chemistry, and mode of occurrence can vary considerably depending where they occur. Pegmatites are of igneous origin and are of granitic type composition. Pegmatites occur in many states but are well known at locations in Maine, California, North Carolina, New Hampshire, and Connecticut. Pegmatites are also found around the world.



Pegmatites have other minerals associated with the intrusion in association with the quartz, feldspars, and mica, some of which can be very valuable. Common gemstones found in pegmatites include topaz, chrysoberyl, rose quartz, spodumene, hiddenite, tourmalines, kunzite, morganite, emeralds, and aquamarines.

Tourmaline is a valuable mineral when it is that lovely green or pink type and used for faceted gems. Beryl is another common mineral in pegmatites where you obtain aquamarine or emerald.

The shape of pegmatites can vary from tabular, veins or lenses. The size of pegmatites can vary depending where they occur from a meter to hundreds of meters thick. They tend to be zoned. Pegmatites are generally very old and of Precambrian in age (hundreds of million years old), but can also be just a few million years old. They generally occur in the stable part of a shield but also in mountain ranges.

Pegmatites can be a source for metals (rare-earth elements such as beryllium, tantalum, lithium, cesium, gallium, and tin - plus others) and industrial minerals (glass and ceramic industries). Pegmatites can produce some fantastic gem groups such as beryls and garnets. Some well known pegmatites include those that occur in California and Maine (with fantastic tourmalines).

Due to the long time for emplacement the minerals can grow to very large sizes from a few inches to several feet. One known occurrence is in the Black Hills of South Dakota where the large spodumene was found to be 42 feet long.