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# Bay Area Mineralogists January 2016

Meeting: January 13, 2016; 7:00 pm  
USGS, 345 Middlefield Road, Menlo Park  
Building 3, 2<sup>nd</sup> Floor, Auditorium

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The Bay Area Mineralogists meet monthly during the school year, on the 2<sup>nd</sup> Wednesday. We meet at the U.S. Geological Survey in Menlo Park, on the second floor of Building 3, where the campus map (<http://online.wr.usgs.gov/calendar/map.html>) says "Rambo Auditorium." The front doors will be locked so you'll have to come up the stairs on the Middlefield Road side of the building. Parking is free.

**NOTICE:** As usual, there will be NO meeting or newsletter in February, as many of us will be in Tucson for some or all of the shows!

### **DUES ARE DUE!!**

It's time to cough up \$5 for the privilege of saying you are a BAM member for another year! You can pay at a meeting, or you can send them to our treasurer:  
Dan Carlson, PO Box 666, Belmont CA 94002

## Member Contributions Appreciated

If you have a program you could present to us, or if you know of a speaker we would enjoy, please let Don know (email address above).

In addition, member contributions to this newsletter are always appreciated and published. Send articles and/or photos to Barb.

## January Program: Pseudomorphs *by Alfredo Petrov*

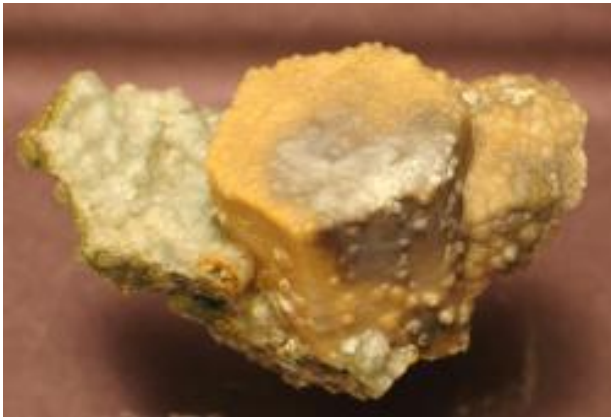
"In mineralogy, a pseudomorph is a mineral or mineral compound that appears in an atypical form (crystal system), resulting from a substitution process in which the appearance and dimensions remain constant, but the original mineral is replaced by another. The name literally means 'false form.'" [Source: Wikipedia]

Alfredo will enlighten us on the confusing and sometimes controversial topic of pseudomorphs, and will no doubt have some interesting examples to show us.

Here are a few pseudomorphs from the collection of [Don Windeler](#):



*A single equant crystal of leucite (7.2 x 7 x 6.3 cm) that has been replaced by chalky white feldspar, and shows all 24 crystal faces of the original leucite.*



*Chalcedony pseudomorph after a hexagonal crystal of aragonite, with a smaller pseudo butting against it. The main crystal is 2.8cm across and 3.3cm long.*



*One more from Don: A long, thin pseudomorph of black goethite after a single crystal of gypsum, with two areas of later-stage, clear calcite overgrowth. The pseudo retains striations from the original crystal; also is completely hollow. (13.5 x 1 x 0.5 cm)*

## Show & Tell

We'll expect to see a lot of weird and possibly funny looking pseudomorph specimens for show and tell, plus any mineral goodies that were in your Christmas stocking or other holiday appurtenance!

## Rick's Pre-Tucson Open House

Rick Kennedy will be holding an Open House on **Sunday, January 17th** from 10:00 AM until 6:00ish, at 5360 Colony Park Circle in San Jose.

This year's Open House is a special event: Rick recently acquired a significant collection and he's giving us first choice before its official Tucson debut! It is the Clay Williams Collection – he was primarily a collector of copper minerals from US locations and he also did a lot of digging at Gold Hill over 20 years ago.

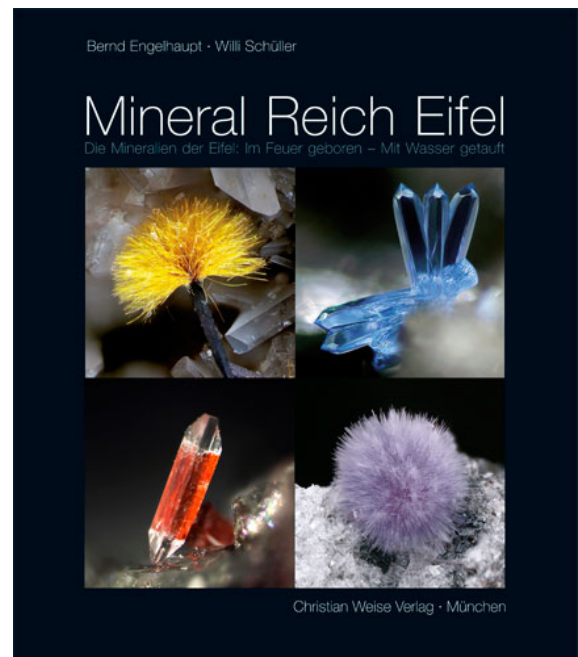
Rick says: “my cell is 408-529-9690, as some will get lost!”

## New book: Mineral Reich Eifel

*by Herwig Pelckmans*

The Eifel area, located in Western part of Germany, is known for its volcanic features. The lush green landscape is dotted with crater lakes and remnants of volcano cones. The many quarries and natural outcrops make it a good place to collect mostly micro minerals. The region is quite prolific: over 400 different minerals have been found. Some of them are quite rare, others were new to science: no less than 43 species were first found in the Eifel area (situation December 2015)!

Reasons enough for Weise Verlag, the company that produces the excellent German mineral magazine Lapis, to publish a new book on the minerals of the Eifel area. The title translates as Mineral Kingdom Eifel and refers to the mineral wealth mentioned above. It was written (in German) by two specialists on Eifel minerals: Bernd Engelhaupt and Willi Schüller. It has 340 pages, over 1300 color photos and illustrations, is 28.5 by 24.5 centimeters [approx. 11" x 9.5"], well bound, has a hard cover and a retail price of 59.80 € (about 66 USD).



This “coffee table book” does not only look and feel good, it also has good information in it. Most important are the descriptions of the localities, followed by the descriptions of the minerals (in alphabetical order). Many photos show

breathhtaking mineral specimens, even though (or just because?) they are micro! Some of the pics are too small in size to really show the beauty, but fortunately that is only rarely the case. All in all a very nice book for its price, size and content.

BAM members who would like to get a copy should put \$65 aside and get in touch with Herwig Pelckmans ([herwig.pelckmans@gmail.com](mailto:herwig.pelckmans@gmail.com)), who will bring the books with on his next trip to the US (January-February 2016). Payment on delivery.

### BAM dinner in Tucson

Let's get together for dinner in Tucson! We'll discuss when and where (and who's in charge) at the January meeting. Details will be sent in an email after that, or contact Barb for information.

### Upcoming Shows, Symposia, & Events

#### Jan 29-30 - Redlands CA

Pacific Micromount Conference  
San Bernardino County Museum  
Fri 3-8 pm, Sat 8 am-8 pm, Sun field trip  
<http://www.mineralsocal.org/micro/2016-PMC.pdf>  
Scheduled Talks at PMC:  
Fri, 7 pm, Herwig Pelckmans, *Minerals of Belgium*  
Sat, 10:15 am, Dr Henry Barwood, *Minerals of Indian Mountain, Cherokee County, AL*  
Sat, 3:15 pm, Paul Adams, *Some Other Mineral Localities in Nevada*

#### Jan 30± - Feb 14±, Tucson AZ

Various hotel and tent shows  
[www.tucsongemshows.net](http://www.tucsongemshows.net)

#### Feb 5-8, Tucson AZ

Westward Look Mineral Show  
[www.westwardminerals.com](http://www.westwardminerals.com)

#### Feb 11-14, Tucson AZ

TGMS Show, Convention Center  
"Shades of Blue: Minerals of the World"  
[www.tgms.org/show-2015](http://www.tgms.org/show-2015) (yes, "2015" in the URL)

#### Feb 12, Tucson AZ

Arthur Roe Memorial Micromount Symposium  
TGMS Show, Convention Ctr, Turquoise Ballroom  
10am-noon (talks), noon-6pm (freebie tables)

### Scheduled Talks at Various Tucson Shows

#### Riverpark Inn, Courtyard of International Fine Mineral Building

Tues, Feb 2, 7:45 pm, Dr. Raquel Alonso-Perez, *The Harvard Collection: Highlights and Future*

Tues, Feb 2, 8:35 pm, Christiano Ferraris, *The new mineral exhibit of the Paris Museum of Science and Natural History: A look to the future of mineral sciences*

Fri, Feb 5, 7:45 pm, Mr. Alan Hart, *The British Museum: A personal reflection, past to present and on*

Fri, Feb 5, 8:35 pm, Mr. Federico Barlocher, *The Secrets of the Mogok Ruby Mines*

#### Westward Look, Sonoran Ballroom

Sun, Feb 7, Joaquim Callen, Mark Mauthner, and Tom Spann; *Capturing the Minerals*  
6:30 pm social hour; 7:30 pm presentation

#### Arthur Roe Memorial Micromount Symposium, Tucson Convention Center, Turquoise Ballroom

Fri, Feb 12, 10 am, Mr. Quintin Wight, *The Pleasures of Micromounting*

Fri, Feb 12, 10:45 am, Dr. Peter Richards, *When Rock Burns: Minerals from a Shale Fire in Northern Ohio*

Fri, Feb 12, 11:30 am, Van King, *Best [Micro] Minerals of Franklin Mining District, Franklin, NJ*

#### TGMS Show Lecture Series

##### Crystal & Turquoise Ballrooms

Feb 11 (Thursday) through Feb 14 (Sunday)

Lectures are held on each day of the Show. Speakers, topics, and schedule will be listed on signs outside each ballroom and in the show program.

All of the lectures and symposia listed here are open to the public and free of charge.