



CRYSTALS AND CABS

Newsletter of the Capital Mineral Club Concord, New Hampshire

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March 2009

Volume 9 Issue 7

Capital Mineral Club News

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The Capital Mineral Club membership meeting will be on Saturday, March 7th at 2:00 PM at the Audubon Society Building on Silk Farm Road in Concord, NH, a board of directors meeting will be held at 12:00 PM before the regular business meeting.

In Lieu of a Speaker for this month we will have a DVD presentation given by Frank Melanson at the 22nd Annual Rochester Mineral Symposium on Baia Mare, Romania: Its Mines and Minerals. Mineral of the month will be minerals of Romania.

Refreshments this month will be supplied by Jack and Frances Gill.

Editors Note:

The **deadline** to get info to me for publication will be the **3rd Saturday** of every month

- My e-mail address: steffenh@comcast.net
- CMC Website: www.capitalmineralclub.org
- Website designed and maintained by:
Robin Edgewood-Reece & Steffen Hermanns

**2009 MEMBERSHIP DUES ARE DUE!
MEMBERSHIP RATES:**

Adult Single \$10 per year; Family \$15 per year;

**Please make checks payable to the
"CAPITAL MINERAL CLUB"
and submit or mail them to:
Steffen Hermanns
7133 Oak Hill Road
Loudon, NH 03307**

Please copy or print out the show flyer that is included in your newsletter or as an attachment to your email. These are the flyers for our annual show and we would like club members to help distribute these, word of mouth advertising is very powerful, you can help make this years show the best turnout ever. So please do your part and promote the show whenever you can, remember that the show income pays for the scholarships, the club trips, monthly speakers as well as many other expenses incurred throughout the year.

The Club is looking for volunteers to form a nominating committee to chose candidates for the upcoming positions for the Board of Directors and Auditor for the years 2010 and 2011.



These are the minutes of the February 7th, 2009 meeting of the Capital Mineral Club. The meeting was held at the Audubon Society Building on Silk Farm Road in Concord, New Hampshire. The meeting was called to order at 2:00pm by President Robert Whitmore. There were 25 members in attendance, our guest speaker Robert Whitmore will be giving a presentation on his 5 weeks in Africa.

Reports:

- ◆ A motion was made by Gordon Graham to accept the December Secretaries report, seconded by Howard Ewing, so moved by the membership.
- ◆ The treasurer's report was read by Robert Whitmore in the absence of Donald Dallaire. A motion to accept was made by Charles Forsberg and seconded by Gordon Graham, so moved by the membership.

Correspondence: None

Old Business:

- ◆ Bill Brown brought up the fact that the name had changed on the collecting and lapidary awards to be in Vince Valades' honor and that we should also have that name change reflected on the sweatshirts and to make it permanent. Gordon Graham made the motion to accept this change and was seconded by Carlos Gristani. Bill Brown and James Tovey received this years awards and shirts, congratulations to both Jim and Bill.
- ◆ The Board of Directors has recommended that the club accept Gordon Jacksons generous gift to the mineral rights to the Hoyt Hill and Colman Mines. Pat Barker made a motion that the club should accept this gift, seconded by Gordon Graham, so moved by the membership.
- ◆ Steffen Hermanns brought up that Gordon Jackson and his family should be made honorary members of the club. Howard Ewing made a motion to accept this suggestion, seconded by Gordon Graham, so moved by the membership. Steffen Hermanns will write the Jackson Family a letter informing them of their honorary membership.

Field Trips:

- ◆ As of now a 2 day trip to Mount Mica and the Emmons Mine, 2 day trip to Herkimer, NY and a trip to Greens Farm, CT. The club will subsidize part of the trips costs, members who are interested in going will be required to make a non-refundable deposit for the trips that they want to go on. The club has yet to determine what locations we will visit on which dates and the amount people will need to put for a deposit. More info at the next few meetings.

New Business:

- ◆ The Club is still looking for members who would like to put in a mineral display at the Audubon for three months. After this period the display would be moved to the Health and Human Services building on Hazen Drive in Concord for the following three months. Anyone interested should coordinate with Bob Whitmore.
- ◆ One of the Audubon volunteers asked if we wanted to see the Red Tailed Hawk that they have there. He was moving the birds back outside after a long period of cold weather. The members were excited to see the Hawk and listen to the volunteers' talk.

Door prize winners:

- ◆ Mike Undercofler and Pat barker both donated door prizes. Peter Cram donated some auction books. The winners were Gordon Graham, Natalie Undercofler, Steffen Hermanns, Todd Nakrosis, Sarah Sniffen, John McCrory and Charles Forsberg.

Speaker:

- ◆ Our guest speaker Robert Whitmore gave his presentation on 5 weeks in Africa.

Meeting was Adjourned at 4:18 pm.

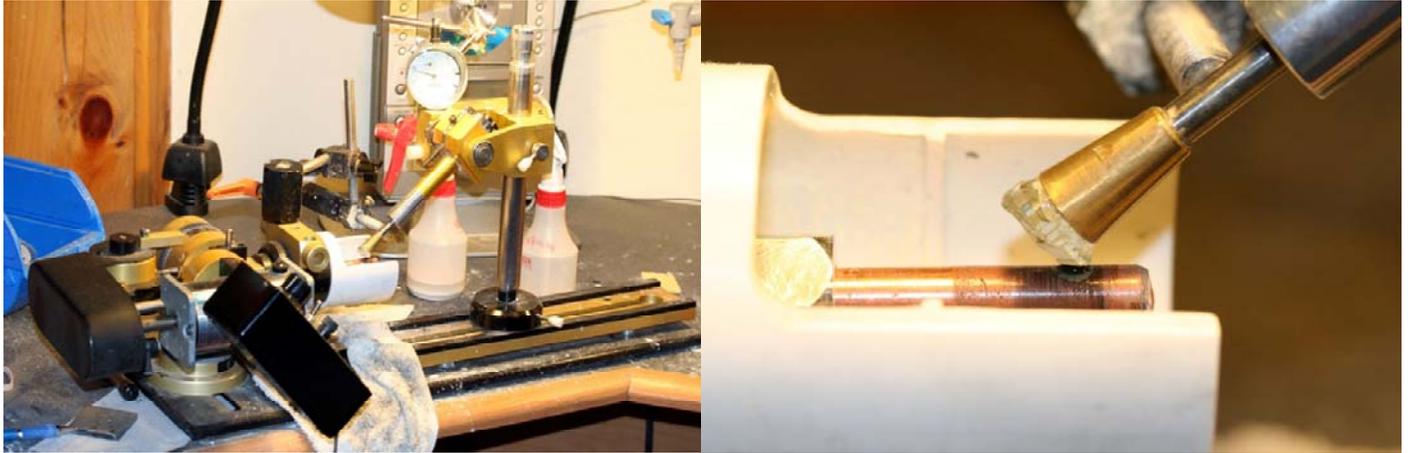
Respectfully Submitted
Steffen Hermanns, Secretary

**Capital Mineral Club
Concord, New Hampshire**

This time of year is when the Toveco crew spends a lot of time cutting gemstones and cabochons. For gem stones there are different styles and techniques. The techniques that I like to use are concave & flat faceting. This style is known as combination. Combination Gemstones can also use other techniques such as carving, flat, concave and so on.

Why concave faceting: As the stone shown below illustrates that the cutter has more design options. The concave facet reflects the light over a greater surface area increasing light retention. Also not being flat, it gives the cutter more latitude to working around the gem material's reflective index. Concave facets work very well with light colored gem stock by increasing the color saturation. Also because of the design freedom, it is easier to cut out imperfection in the gem material.

The down side is that it takes me 3 times longer to cut a concave or combination stone per a classic flat faceted stone. A concave stones carat weight will be less per a classic flat faceted stone. However, having the wider design freedom to design the stone for the future jewelry piece is well worth the down side. In addition, it just works well with beryl.



Overall view of the concave faceting machine with doped heliodor.

Close up view showing .38 diameter mandrel and doped heliodor.

Submitted By James Tovey

Mineral Clubs - Meeting Dates

Saco Valley Gem and Mineral Club: 3rd Thursday of each month at the Tin Mt. Conservation Center, Albany, NH – 7:00 PM
www.sacovalleygmc.com

Keene: 1st Saturday of each month at Keene State College, Science Bldg. Room SCIC 126, Keene, NH – 7:00 PM
keenemineralclub.50webs.com

Nashua: Last Wednesday of each month at the Nashua Public Library, 2 Court Street, Nashua, NH – 7:00 PM
webpages.charter.net/carlog/Index.htm

North Shore (MA): 3rd Friday of each month, St. Paul Episcopal Church, Washington St., Peabody, MA – 7:30 PM

Boston Mineral Club: 1st Tuesday of each month, Harvard University Geological Lecture Hall, 24 Oxford St., Cambridge, MA – 7:30 PM
www.bostonmineralclub.org

Southeastern NH Mineral Club: 2nd Wednesday of each month, St John's Methodist Church, 28 Cataract Ave., Dover, NH – 7:00 PM
senhmineralclub.org

Presidential Gem and Mineral Society: 2nd Friday of month at the North Country Education Services Center; 300 Gorham Hill; Gorham, NH – 7:00 PM

Micromounters of New England: 3rd Saturday of the month at the Trinity Lutheran Church, 170 Old Westford Rd, Chelmsford, MA - 9:00AM; micromountersofnewengland.org



Steffen Hermanns

Editor

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Keep on Rockin' in the Free World

Email: steffenh@comcast.net

WE'RE ON THE WEB
WWW.CAPITALMINERALCLUB.ORG

2009 Club Dues are due please send your dues to Steffen Hermanns

CAPITAL MINERAL CLUB MEETINGS

MARCH 7, 2009

Board of Directors Meeting: **12:00PM**
Club Meeting: **2:00PM**
Speaker: DVD presentation, Mines and Minerals of Baia Mare, Romania
By: Frank Melanson
Refreshments: Jack & Frances Gill

APRIL 4, 2009

Club Meeting: **2:00PM**
Speaker: Pat Barker, Antarctica
Refreshments: Bob & Edna Whitmore

MAY 2, 2009

Board of Directors Meeting: **12:00PM**
Club Meeting: **2:00PM**
Speaker: TBA
Refreshments: Charles Forsberg

JUNE 6, 2009

Weekend
Field Trip TBA

JULY 4, 2009

Weekend
Field Trip TBA

AUGUST 1, 2009

Weekend
Field Trip TBA

GEM & MINERAL SHOWS

March 28 - 29, "Western Mass Mineral & Jewellery Show"; Connecticut Valley Mineral Club; Holiday Inn at Ingleside, 245 Whiting Farms Rd., Holyoke, MA; Sat. 10-5, Sun. 10-4; ; contact Helen Rodak, (413) 586-6691; e-mail: info@cvmineralclub.org; Web site: www.cvmineralclub.org

April 2 - 3, 46th annual retail and wholesale show; North Shore Rock & Mineral Club; Topsfield Fairgrounds, Coolidge Hall & Trade Bldg., Rte. 1 N. Topsfield, MA; Sat. 9-5, Sun. 10-4; contact Joe Weisberg, (781) 861-6653; e-mail: mw29@verizon.net; Web site: www.nahant.com/nsrhc/

April 23 - 26, Rochester Mineralogical Symposium, Rochester, NY. Radisson Hotel, Rochester NY. Steve Chamberlain - Chairman sccham2@yahoo.com Helen Chamberlain - Registrar (315) 682-0387 contactrms@hotmail.com Bruce Gaber - Exhibits (301) 654-7479 sun@visionrising.com

May 8 - May 10, Augusta, ME, 20th Annual Maine Mineral Symposium, Senator Inn and Conference Center, Augusta, ME 207-287-7178, contact woodrow.b.thompson@maine.gov

August 29-30, Concord, NH - 46th Annual Gem and Mineral Festival presented by the Capital Mineral Club, Sat. 9 - 5, Sun., 9 - 4, Everett Arena, Concord, NH, Adults - \$4.00, 12 and under free