



# MICROMOUNTERS OF NEW ENGLAND

The MMNE was organized on November 5, 1966, for the purpose of promoting the study of minerals that require a microscope

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Dues are \$6.00 per year and are due on January 1st, payable to the Treasurer.

Contributions of news items for the Bulletin are welcome and should be sent to the Editor

This bulletin may be quoted if credit is given. Club address is c/o Editor.

## NEXT MONTH:

Our next meeting will be our annual Northeast Meeting on **May 8, 1994**, at the 4-H Center in Ashland, Mass.

April 1994

Newsletter #176-

The next regular meeting of the MMNE will take place on Saturday, April 9, 1994, at the Northboro Public Library. Members are reminded that the library room will not be available until 9:30 am. Our program will feature Scott Whittemore, who will be showing slides and specimens from the New England area. We will also have our flea market/swap table.

### Reminders:

The registration form for the May meeting is inside this bulletin. Our speaker this year will be Carl Francis, who will be talking about "A New View of Some Northern New England Pegmatites."

Also included is the registration form for the 1994 EFMLS Geology Tour, "A Maine Safari."

### MMNE ELECTIONS:

Our slate of officers for 1994-1995 include:

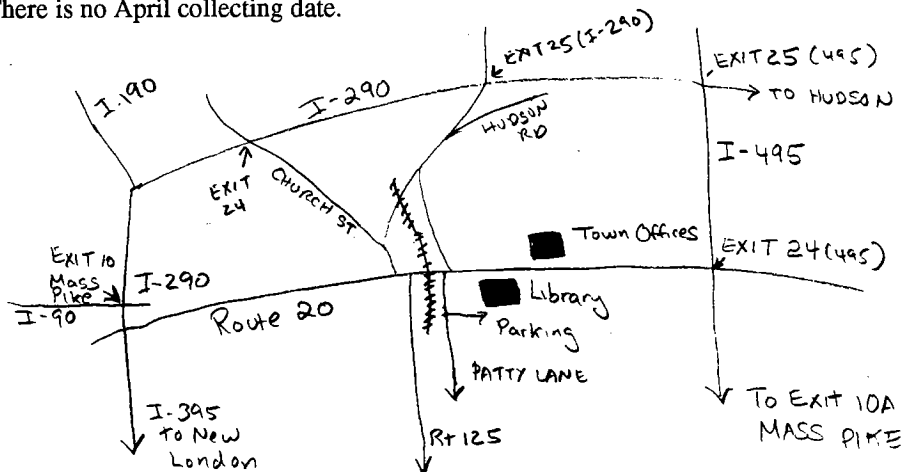
President:	Angie Teixeira
Vice-President	James Clark
Rec. Secretary	Pat Barker
Corr. Sec/Editor	Shelley Monaghan
Treasurer	Janet Cares

Voting will take place at the April meeting. Officers will assume their duties at the conclusion of the annual May meeting.

We hope to have "Gems & Crystals Treasures" book available at the April meeting, for those of you who ordered it.

### St. Hilaire Dates:

The only dates of which we are currently aware is for Memorial Day Weekend and the Fourth of July Weekend. (Both allow two days of collecting). There is no April collecting date.



## THE 'PREZ SEZ':

There have been some members who have been giving Steve Cares minerals for the May give-aways table and items for the sales table. Also, several have passed the word that they are in the process of readying their specimens. Now, for all those who have procrastinated, just tell yourself: "I can do it; I can do it!" Extras are needed, so let's see our supply grow. (Don't forget to label and add your name!) Again, thanks to all contributors. -- Fran

## BOSTON MINERAL CLUB TO FEATURE SPEAKER

The Boston Mineral Club is extending an invitation to our members to attend their May 3, 1994 meeting. Featured will be Professor Dykstra H. Eusden, Jr., of Bates College, Lewiston, Maine, talking about miarolitic cavities of the Conway granites. The program will be somewhat technical in nature.

### *Please add the following to your membership list:*

George Anderson	Grant Connors	Marilyn Dodge	Don & Jean McKenna
62 Diane Drive	29 Cumberland Street	72 Woodbury Street	125 Poplar Drive
Vernon, CT 06066	Brunswick, ME 04011	Providence, RI 02906	Cranston, RI 02920
(203) 646-4474		(401) 751-5217	(401) 944-9391

Palmer & Betty Sevens	<u>PLEASE CHANGE:</u>
P. O. Box 397	Bettee Taparowsky
Plymouth, NH 03264	404 Westford Drive
	Southport, CT 06490

### **Review -- "Hey's Mineral Index" Third Edition, 1993. Revised by Andrew Clark.**

The original of this book by the late Max Hey of the British Museum, was a single volume with two later appendices. It was very valuable for looking up obscure varietal or discredited mineral names not found in usual references, and it provided a numbering system that grouped minerals according to their chemical content.

This revision, the first in twenty years, is entirely rearranged in a large format (8 x 11) on acid-free paper. Over 700 pages are devoted to an alphabetical listing of mineral names with species in bold type. As shown in the partial page below, each entry gives the chemical formula, original reference, crystal system, cell dimensions, type locality, and name derivation. In the previous editions, only the name, identifying number, chemical formula and original references are given. Each species is given a number that follows the chemical classification as in the original Hey. According to the introduction, the numbering has been slightly revised (see Dawsonite, which was 11.7.1 and is now 11.7.3), so anyone who uses the Hey numbering system should investigate the changes.

About 68 pages in the back of the book are devoted to the chemical classification. There are no illustrations and the pronunciation guide has been omitted.

The alphabetical arrangement is definitely easier to use than the original Hey, in spite of the large size and weight of the revision.

The publisher is Chapman & Hall (London) whose U. S. address is 29 West 35th Street, New York, NY 10001; phone (212) 244-3336. The quoted price as of February 17, was \$79.95. We are looking into getting a reduced rate, and we believe we can get 10% off, which would bring the price down to \$71.95. If anyone can do better, please inform Janet Cares. We plan to circulate a sign-up sheet at the April 9 meeting.

J. W. Cares

## 174 Dav

Davidite-(Y), var. of davidite.

Cited in E.H. Nickel and J.A. Mandarino (1988)  
*Min. Mag.* 52, 292.

Davidsonite, var. of beryl.

T. Richardson (1836) *Rec. Gen. Sci.* 3, 426.  
(TL) Rubislaw granite quarry, Aberdeen, Scotland.  
Named for -. Davidson. Cf. T. Thomson (1836)  
*Outl. Min.* 1, 247. Supposed to contain a new earth,  
donia (for Aberdeen). A. Breithaupt, C.F. Platner,  
and W.A. Lampadius (1837) *J. prakt. Chem.* 10, 254,  
showed the mineral is beryl of a greenish yellow  
colour, and that Richardson's donia is BeO; his  
results are readily accounted for if the ammonia he  
used contained some carbonate, which would  
dissolve BeO from the mixture of BeO and Al<sub>2</sub>O<sub>3</sub>.

Daviesite, syn. of hemimorphite.

L. Fletcher (1889) *Min. Mag.* 8, 174. (TL) Mina  
Beatriz, Sierra Gorda, Chile. Described as an  
oxychloride of Pb, but shown to be hemimorphite;  
P.G. Embrey, priv. comm. in M.H. Hey (1963)  
*Chem. Index Min., 1st App.*, p. 21.

Davyte, syn. of davite.

T.A. Readwin (1867) *Index Min.*, p. 11.

Dawsonite, NaAlCO<sub>3</sub>(OH)<sub>2</sub>.

11.7.3

B.J. Harrington (1874) *Canad. Nat. Geol.* 7, 305.  
Orthorhombic, *a* 6.77, *b* 10.40, *c* 5.58 Å, *Z*=4 [PDF  
19-1175]. (TL) A trachyte dyke near the west end  
of McGill College, Montreal, Quebec, Canada.  
Named for Sir William Dawson.

Dayingite, CuCoPtS<sub>4</sub>. Var. of carrollite (?).

Yu Tsu-Hsiang, Lin Shu-Jen, Chao Pao, Fang  
Ching-Sung, and Huang Chi-Shun (1974) *Acta Geol.  
Sinica*, 2, 202; abstr. in *Amer. Min.* 61, 184. Cubic,  
*a* 9.697 Å, (*Z*=8) [PDF 29-541]. Named from the  
(undisclosed) type locality in China. M.H. Hey  
(1980) *Min. Mag.* 43, 1055, recorded that the  
mineral was rejected by the IMA. M. Fleischer  
(1983) *Gloss. Min. Species*, 4th ed., p. 41, suggested  
that the mineral may be a platinum carrollite.  
Compare with malanite, cuproiridsite, and  
cuprorhodsite.

Deaclase, error for diacase.

## EFMLS NEWS -WILDACRES

There are still a few spaces remaining for the September EFMLS Wildacres Workshop. It is not too late to make your reservation, but do hurry. Wildacres is always such a wonderful experience for those who are lucky enough to participate. Don't be left out because you waited too long!

Sessions dates are June 25 - July 1 and September 19-23, 1994. The cost is \$190 per person, which covers the cost of lodging, meals and all gratuities

Classes and instructors slated for the first session include:

Bead stringing - Claudia Hill

Cabochons - E. T. Pike

Crystallography - Jennie Smith

Field Trips - Roger Barnett

Gem Trips - Tom Milligan

How to Exhibit and Judging - Jay Bowman

Micromounting - Esther Dunn

Polyform Beads - Carol Collier

Silversmithing - Lendall Hill

Soapstone Carving - TBA

Wirecraft Jewelry - Ginger Posthumus

Wirecraft Rings - Ed Chelm

To ensure your reservation, mail your deposit check for \$50 per person to Angie Teixeira, 33 Kossuth St., Pawtucket, RI 02860

## ATTENTION ALL FELLOW "ROCK HOUNDS", MINERAL COLLECTORS, LAPIDARIES AND FIELD COLLECTORS!!!

The time has come to take the wraps off the Maine Safari. Let me give you the pertinent data and then tell you how you can come along.

Dates:

Total two week extravaganza

July 23 - August 6, 1994

Week 1 (Fully guided tour):

July 23 - July 30, 1994

Week 2 (Suggested sites):

July 30 - August 6, 1994

Place: Mechanic Falls/Portland Springs, Maine (Think - Mt. Mica, Mt. Apatite, tourmaline, beryl apatite, pegmatites).

Cost: \$110 - \$270 per person (I'll explain all this later). All checks should be made to "Treasurer, EFMLS". There will be a \$10 per person cancellation fee if you must cancel after July 1.

Includes: One or two weeks of collecting in Maine's best mineral area; lectures by leading authorities on the Maine pegmatites; help identifying your finds; accommodations or camping at a local field camp; literature on the area; continental breakfasts; mineral swaps; and a great time.

Week One, July 23 - July 30. The first week includes trips guided by Tim Rose and Dr. Mike Wise to some of those places that are normally closed to collectors, and evening seminars/identification sessions. Registration is Saturday afternoon, July 23. Collecting starts Sunday, July 24 through Friday, July 29. There will be a mixer and an orientation talk Saturday evening, July 23. Check out for people staying only week one is Saturday morning, July 30.

Week two, July 30 - August 6: The second week includes a schedule of trips (without Mike and Tim) to the most productive of the open sites. Mike and Tim will help select sites, conduct seminars in the evening and help identify finds. This week offers more freedom to revisit favorite workings. For new field trippers, registration is Saturday afternoon, July 30, and collecting will begin Sunday, July 31 through Friday, August 5. Check-out is Saturday, August 6.

Accommodations: We will be staying at the Groves' field camp in the Mechanic Falls/Poland Springs area (you will be sent a map). There are six (6) rustic cabins available along with trailer sites and camping areas. Most of the cabins have two bedrooms, larger central, a shared bath and kitchen. Four cabins have a double bed in one room and a single in the other. One cabin has two single beds and the last cabin has a large room with three single beds and a single bed in the small side room. There is another cabin that we can use for meetings and group dining. - The point of all this is, if you want to stay in a cabin, find cabin mates and sign up quickly. It may be possible to fit a few more people in on cots in the central rooms. While the meeting cabin has bath facilities, we may need to share bathrooms with those people who camp. There is a lake for swimming, grills, and a sanitary dump for trailers.

For those of you who find this "a bit too much adventure," there are motels in the area and a state park camp ground nearby, but I think you will find staying at the field camp a rewarding experience.

Great! You have stayed with me so far, selected your week(s), decided on accommodations and are ready to send in your applications. Please don't mail the application and fee until April 15. I will get my cats to serve as witnesses and take the first 40 people whose applications I receive after 15 April. If a group would like to stay together in a cabin, please put all the applications together. I will notify you as soon as I process your application. (If the trip is filled, I will return your check, notify you, and put you on a waiting list.)

Sit back, relax, get a cup of coffee, thing "tourmaline" and fill out the application. If you have any questions, give me a call between 7 and 9 PM Eastern Time at (703) 830-9733. See you in Maine!!!

Susan Fisher, Geology Tour Chairman

MAINE SAFARI  
EFMLS GEOLOGY TOUR 1994  
REGISTRATION FORM

**PLEASE PRINT OR TYPE ALL INFORMATION**

NAME (S): \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: DAYTIME: ( ) \_\_\_\_\_ EVENING: ( ) \_\_\_\_\_

EFMLS CLUB I/WE BELONG TO: \_\_\_\_\_

I / WE WANT TO SHARE A CABIN WITH: \_\_\_\_\_

CIRCLE YOUR CHOICES BELOW:

I WANT TO STAY FOR:

BOTH WEEKS (FILL OUT SECTION A ONLY)

WEEK ONE ONLY (FILL OUT SECTION B ONLY)

WEEK TWO ONLY (FILL OUT SECTION C ONLY)

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**SECTION A - FILL OUT IF YOU WANT TO STAY BOTH WEEKS - JULY 23 - AUGUST 6, 1994.**

**COSTS ARE TOTAL FOR BOTH WEEKS.**

NUMBER OF PEOPLE:	_____	\$200 PER PERSON	=	\$ _____
STAY IN CABIN:	YES	\$50 /BED (DOUBLE BED =1)	=	\$ _____
	NO			
TRAILER SPACE	YES	\$25 PER TRAILER	=	\$ _____
	NO			
CAMPING SPACE	YES	\$10 PER SITE	=	\$ _____
	NO			
BREAKFAST	YES	\$20 PER PERSON	=	\$ _____
	NO			
		<b>TOTAL</b>		<b>\$ _____</b>

**Micromounters of New England  
13th Annual Northeast Meeting  
Saturday, May 8, 1994  
4-H Conference Center  
Chestnut Street, Ashland, Massachusetts**

**SCHEDULE:**

9:00--4:00	Registration, informal session
12:00--1:00	Lunch
1:00--2:00	Speaker

**PROGRAM**

Dr. Carl A. Francis: "A New View of Some Northern New England Pegmatites"

Bring your microscopes, lights, extension cords, and micromounts (for discussion, possible identification, sharing or swapping).

Giveaways will be available as well as some choice micromounts for sale. Door prizes will be awarded.

Registration fee of \$16 includes light refreshment and lunch, and a program booklet.

Overnight accommodations: Reserve with the lodging of your choice:

	Single	Double
<b>4-H Center (508) 881-1243.*</b> Second floor, no elevator, no air conditioning, TV, phone, maid service	\$32.00	\$60.00
<b>Red Roof Inn (800) 843-7663/(508)481-3904 (Southboro)</b> I-495 & Rt. 9. Air conditioning, TV, coffee, no restaurant	\$36 plus tax	\$48 plus tax
<b>Holiday Inn (800) 465-4329/(508) 481-3000 (Marlboro)</b> I-495 & Rt. 20. Air conditioning, TV, restaurant, AARP		\$79 plus tax

\* Campers (self contained only) may park in rear of building. Please notify 4-H at above number. Charge is \$8.75 per vehicle.

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**MEETING REGISTRATION FORM**

**MAKE CHECKS PAYABLE TO: MICROMOUNTERS OF NEW ENGLAND. RETURN TO:**

VIOLET ROBINSON  
15 WALNUT AVENUE  
E. ROCHESTER, NH 03868

Meeting Registration: \$16 per person including lunch

NAME(S): \_\_\_\_\_ @ \$16 \_\_\_\_\_

ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

RETURN BEFORE MAY 2, 1994, AS SPACE IS LIMITED. 24 HOURS NOTICE REQUIRED FOR REFUND.