



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

PRESIDENT

Angie Teixeira
33 Kossuth Street
Pawtucket, RI 02860

VICE-PRESIDENT

Jim Clark
18 Central Street
Topsfield, MA 01983

SECRETARY

Patricia Barker
P.O. Box 810
Campton, NH 03223

TREASURER

Janet Cares
18 Singletary Lane
Sudbury, MA 01776

EDITOR

Shelley Monaghan
12 Conant Drive
Brockton, MA 02401

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 August meeting will be **Saturday, August 20, 1994** at Sunapee State Park, Newbury, NH. We will also meet Sept. 17, location TBA.

Summer 1994

Newsletter #178

The next meeting of the MMNE will be Saturday, July 16, 1994, at the home of John Reiner, in Center Harbor, New Hampshire. This informal meeting is always quite special. We remind members to bring along card tables, extra chairs, etc., along with the usual micro equipment.

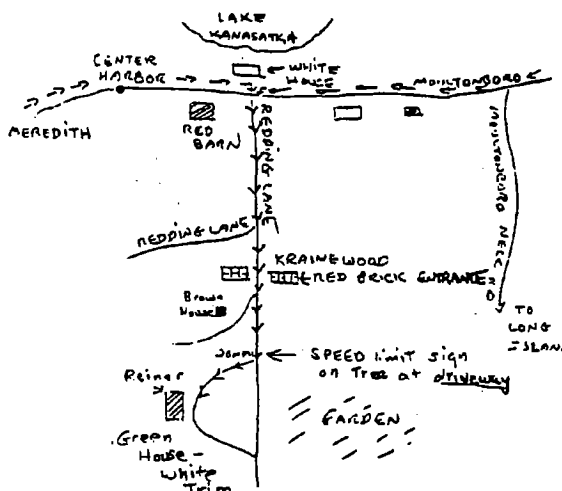
Our August (informal) meeting will be held Saturday, August 20, 1994, at the Capital Mineral Club's Gem & Mineral Festival, held at Sunapee State Park in Newbury, New Hampshire. (The show is open on Saturday from 9 - 5.)

MAY MEETING

We thank those who previously contributed specimens for the sales and giveaway tables in the last bulletin. A number of people brought contributions to the meeting and must be added to the list. We wish to thank Joe Arons, Russ Buckingham, Bill Henderson, Gene Mechler, Elaine and Jose Solé, Jim Warner, and the Webers for their generous additions. If you have not been credited either in this or previous newsletters, please let Steve or Janet know and your name will be added.

Saint-Hilaire Dates

The remaining collecting dates for this season are: August 6; September 10; and October 8, 1994.



To Summarize:
Route 25 to
Redding Lane.
--Keep straight
to Krainewood.
2nd house on right
TEL: 603-253-4489

INEZ WILLIAMS CHICK (Mrs. Walter G. Chick)

Many of our members benefited from the recent mail auction of the books of the late Inez Chick, who with her husband Walter was a charter member of the Micromounters of New England. As charter members ourselves, we got to know Inez well as a very charming and talented woman, and for several years, we joined with her and several others in a round of slide shows of our various travels. We are grateful to her daughter, Anne, and son, Walter, Jr., for carrying out their mother's wishes in designating us as caretakers of her books and a number of mineral specimens, which members found on the sale and giveaway table at the Northeast Meeting, embellished with the initials, I. W. C. Anne has provided us with some information on her mother's life, which is repeated here essentially in her words. -- Steve and Janet Cares

Mrs. Walter (Inez) Chick, a charter member of the Micromounters of New England, received degrees in art and later in education and psychology from Boston University. Before her marriage, she taught art in Los Angeles and spent summers at a girl's camp in Maine, teaching arts and crafts. She was also an illustrator and writer in women's fashion in Boston, and for a sports magazine in California. During her youth, she became an enthusiastic hiker and horsewoman, as well as photographer, which served her well during her travels and micromounting. She had incredible energy, and a seemingly insatiable thirst for knowledge, and first started studying geology under Professor Laurence LaForge of Harvard, which led her into mineralogy and micromounting. Her Husband, Walter, was the first treasurer of the MMNE prior to his untimely death in 1968. As a result of their interest in geology and minerals, the Chicks became close friends of the late Professor C. Wroe Wolfe, of Boston University, and his wife, Alice.

In addition, Mrs. Chick had wide-ranging interests that included vegetable and flower gardening and membership in various clubs such as the Gourd Society of America, whose magazine she edited for some years. She was honored by a number of awards in photography, locally in the Needham Camera Club, and nationally in the Photographic Society of America. Needless to say, her slide presentations of her travels were of exceptional quality. -- Anne W. Chick

Note: Since the MMNE realized over \$500 from the sale of Inez Chick's books, it was deemed appropriate to make a donation in her name to a mineral related fund which would have been of interest to her. The two that her daughter, Anne, felt her mother might have selected were the Eastern Federation Scholarship Fund and the Rocks & Minerals Color Fund. We are therefore sending contributions to both funds in Inez' name.

Graphite or Molybdenite?

At first glance the specimen could have been either, and Andy Anderson wasn't sure. So when I inherited the specimen I looked both of them up in the "Encyclopedia of Minerals." The deciding characteristic was the unusual triangular striations on graphite. These showed up clearly under the microscope. also the streak was black. There will be (was) a specimen on the May sales table.

Eugene Mechler

Minerals of the Conklin Quarry, Lincoln, Rhode Island
Compiled by Michael W. Kieron

Native Elements	Quartz *	Clinochrysotile
Graphite	Rutile	Clinozoisite
	Todorokite	Datolite
Sulfides		Diopside
Bornite	Carbonates	Epidote
Chalcocite	Ankerite	Ferroaxinite
Chalcopyrite	Aragonite	Fluorapophyllite
Covellite	Azurite	Forsterite
Galena	Calcite	Grossular
Marcasite	Dolomite	Heulandite
Molybdenite - 2H	Hydromagnesite	Kaolinite
Pyrite	Kutnahorite	Magnesiohornblende
Pyrrhotite	Magnesite	Microcline
Sphalerite	Malachite	Montmorillonite
	Rhodochrosite	Muscovite
Oxides and Hydroxides	Siderite	Neltnerite
Anatase		Orthoclase
Birnessite	Silicates	Prehnite
Cryptomelane	Actinolite	Rhodonite
Goethite	Albite	Schorl
Hausmannite	Almandine	Scolecite
Hematite	Andradite	Sepiolite
Ilmenite	Anthophyllite	Talc
Lepidocrocite	Antigorite	Titanite
Magnetite	Braunite	Tremolite
Manganite	Chondrodite	Willemite
Opal *	Chrysocolla	Zoisite
Pyrolusite	Clinocllore	

Revised 11/15/93

* Ed note: most often considered silicates

Streak in Phosphate Minerals

Streak is often helpful in identifying minerals, particularly the iron-manganese phosphates found at Palermo, Fletcher, and the Black Hills localities such as Tip Top, Big Chief, and Bull Moose. Very light or colorless minerals such as wavellite will never give a colored streak but phosphosiderite may or may not, depending on the depth of color. The information given is taken primarily from an article by Henry L. Barwood, in *Rock & Minerals*, March/April 1983, pages 56-63. The streak color is not infallible, but gives a good clue to the identity of the mineral tested. - JWC

Colored Streak

Barboselite - Blue-green
 Beraunite - Olive or yellow
 Bermanite - Reddish brown
 Cacozenite - Yellow
 Dufrenite - Olive-green to yellow-brown
 Ferrisicklerite - Yellowish-brown
 Heterosite - Purple
 Kidwellite - Yellow
 Laueite - light orange-brown
 Lipscombite - Olive-green
 Meta-autunite - Yellowish
 Mitradatite - Mustard yellow
 Phosphosiderite - Pinkish-purple
 Robertsite - Red-brown
 Rockbridgeite - Olive green to brown
 Triplite - Brown
 Turquoise - Pale blue or green
 Vivianite - Bright blue

Colorless Streak

Apatite
 Churchite
 Evansite
 Hureaulite
 Leucophosphite
 Monazite
 Phosphosiderite
 Stewartite
 Strunzite
 Variscite
 Wavellite
 Xanthoxenite