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No. Groton, NH

MICROMOUNTERS OF NEW ENGLAND

NOVEMBER 1985

NEWSLETTER #102

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Dues are \$3.50 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 Bulletin Editor.

This bulletin may be quoted if credit is given.

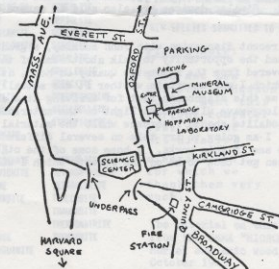
→ NEXT MONTH

There will not be a December meeting. Next meeting will be January 19, 1986 at Boston University.

**IMPORTANT NOTICE-MEETING CHANGE**

The next regular meeting of the Micromounters of New England will take place on SUNDAY, NOVEMBER 24, 1985, at HARVARD UNIVERSITY. This is a change in both the date and location from those mentioned in the last bulletin. The reason for this change is that there will be a special presentation to the family of the late Gunnar Bjareby of a plaque sent by the Baltimore Mineral Society. The plaque is part of the induction of Gunnar Bjareby's name into the Old Timers category of the Micromounters Hall of Fame. The Bjareby family had planned on receiving the plaque at the symposium in Baltimore, but Hurricane Gloria prevented them from making the trip. The Baltimore Mineral Society sent the plaque to our club, and now we will all have the pleasure of sharing this special event with the Bjareby family.

The schedule of the day will be as follows: the club will hold their regular meeting in the museum office on the third floor (next to the mineral museum) at 24 Oxford Street, Cambridge. Members may enter by way of the Hoffman Laboratory (the building adjacent to the museum) where the doors will remain open between 11:30 a.m. and 12:30 p.m. In the mid-afternoon members will pack up their equipment and proceed to one of the lecture halls on the first floor where the presentation ceremony will take place. Cider and donuts will be available after the ceremony, but it is suggested that members bring a lunch for the regular meeting. The museum closes at 4:30 p.m.



HARVARD'S MICROMOUNT COLLECTION AVAILABLE FOR VIEWING

Harvard University's micromount collection has been growing steadily under the watchful eye and careful hand of Steve Cares. With his volunteer work on the collection, it has grown to considerable size, and it will be available for members to view at our next meeting. It is hoped that eventually, the collection will contain a micromount donated in the name of every member of the club. If you would like to contribute something to the collection, but do not know what the needs of this collection are, then come to the club meeting as Steve Cares will be discussing the micromounts. If you do wish to contribute a specimen, it is requested that the material be submitted unmounted as Steve is handling all micromounts in a uniform fashion.

FOR THE RECORD: The September/October issue of the Mineralogical Record contains a very fine article on Maine Tourmaline (the photos are really super!). If you look closely you will see that four members of our club are mentioned in the article-- John Stewart, Palmer Sevrens, Gene Bearss and Brownlow Thompson. Not to be outdone are members Forrest Fogg and Bob Whitmore who are mentioned in the September/October issue of Rocks and Minerals which contains two articles on the Chandler Mine located in Raymond, New Hampshire. In both cases the credit for the articles concerning the Maine Tourmaline and Minerals of the Chandler Mine goes to Dr. Carl Francis, curator of Harvard's Mineralogical Museum. The article on Recent Activity at the Chandler Mine was written by Frank Lavoie.

IT'S DUES TIME AGAIN! A suggestion has been made to have a family membership. This idea had been previously rejected because it was felt that the value received in giveaways, etc., far outweighed the cost of membership. There are several people, however, who are not really micromounters, but who pay full dues in addition to contributing food and/or time, and a family membership would be to their advantage.

--Janet Cares

(Ed. note--perhaps this could be discussed at the next meeting, where, I'm sure, Janet will be happy to receive members' dues for next year.)

MICROTIP: The time-honored custom of blowing on a specimen to remove unwanted chips or bits of lint has one drawback--the moisture from your breath may condense on the specimen, necessitating a wait for it to dry. Aerosol cans of clean air sold for this purpose are effective, but are bulky and give little control over the force of the air blast. Rubber bulbs of one or two ounce size (sold as ear syringes in pharmacies) enable one-handed operation, and the force of the dry air may be reasonably controlled. Similar devices are also sold in camera stores for lens cleaning.

--Janet Cares

In a recent discussion with John Buckley, a graduate geology student at Salem State, I had the opportunity to talk about some of the recent material which was being recovered from the Poudrette Quarry on Mont. St. Hilaire. Faced with a specimen which I was uncertain whether it was actually Sodalite or Carletonite, John gave me this diagnostic test for arriving at a decision. He suggested that I shine a long-wave ultraviolet light on the material. The material associated with the sodalite should fluoresce while the material associated with carletonite will not. I am going to try this on several different specimens, both known and unknown to see if this works. I hope some of the other micromounters will try this out and then get back to me on the results which I will put in the newsletter. S.N.M.

ST. HILAIRE MINERALS: From Dr. Mandarino of the R. O. M. comes the following on Mont St. Hilaire minerals.

Please note that EXANITE should now be identified as STEAECYTE while RAMSAYITE should be LORENZENITE. A number of minerals have been deleted from the previous list because of insufficient evidence that they exist at Mont St. Hilaire. They are as follows: DEHAYELITE, HIORTDAHLITE, MALACHITE, MINNESOTAITE, MOUNTAINITE, NEPTUNITE, PALYGORSKITE, RIPODOLITE, TARNIOLITE, TALC, THOROGUMMITE AND TOBERMORITE.

If anyone has sufficient evidence please contact Dr. Mandarino at the R. O. M. in Toronto, 100 Queen's Parkland, zip code M5S 2C6.

MINERALS OF MONT ST-HILAIRE

85 09 19

ACNITE-AGIRINE	DATOLITE	KAERSUTITE	PARAKELDYSHITE	THORITE	UK MINERALS
ACTINOLITE	DANSONITE	KAINOSITE	PARANATROLITE	TITANITE	UK# 17
ALBITE	DIOPSIDE	KAOLINITE	PARISITE	TRONA	UK# 24
ALMANDINE	DOLomite	KUPLITSKITE	PECTOLITE	TUNDRITE	UK# 26
ALLANITE	DONAYITE	KUTNOHORITE	PETARASITE		UK# 27
ANALCIME	DORFMANITE		PHLOGOPITE		UK# 29
ANATASE	DOYLEITE		POLYLITHIONITE	USSINGSITE	UK# 31
ANCYLITE		LABUNTSOVITE	PREHNITE		UK# 32
ANDRADITE	ELPIDITE	LAMPROPHYLLITE	PYRITE	VESUVIANITE	UK# 34
ANGLESITE	EPIDIDYMITE	LAVENITE	PYROCHLORE	VILLTAUNITE	UK# 35
ANKERITE	EUDIALYTE	LEIFITE	PYROPHANITE	VINOGRADOVITE	UK# 37a
ANNITE	EUBIDYMITE	LENDYITE	PYRRHOTITE	VUONNENITE	UK# 38
ANTIGORITE	EWALDITE	LEUCOPHANITE	PHILLIPSITE		UK# 39
APOPHYLLITE GROUP		LEUCOSPHEINITE		WILLENITE	UK# 40
ARFVEDSONITE	FERROCOLUMBITE	LOLLINGITE		WOLLASTONITE	UK# 41
ARAGONITE	FLUORAPATITE	LORENZENITE	QUARTZ	WOLLASTONITE	UK# 44
ARSENOPYRITE	FLUORITE	LOVDZERITE GROUP		MURTZITE	UK# 47
ASCHROFTINE	FRANCONITE	LUESHITE	RAITE	MULFENITE	UK# 48
ASTROPHYLLITE			RIEBECKITE		UK# 49
AUGITE	GAIDONNAYITE		RHABDOPHANE	XENOTIME	UK# 50
	GALENA	MAGNETITE	RHODOCHROSITE	YOFORTIERITE	UK# 51
	GANOPHYLLITE	MANASSEITE	RICHTERITE		UK# 52
BARITE	GARRONITE	Mg-ARFVEDSONITE	RUTILE	ZEOPHYLLITE	UK# 53
BARYLITE	GENTHELVITE	MARCASITE		ZIRCON	UK# 54
BASTNAESITE	GIBBSITE	MICROCLINE			UK# 55
BEHOITE	GISHMONDINE	*MISERITE-UK#36	SABINAITE		UK# 56
BERTHIERINE	GMLINITE	MOLYBDENITE-2H	SANDINE		
BERYL	GOETHITE	MOLYBDENITE-3R	SHEELITE		
BIOTITE	GOTZENITE	MONAZITE	SEPIOLITE		
BIRNESSITE	GRAPHITE	MONTEREGIANITE	SERANDITE		
BISMUTH	GREIGITE	MONTMORILLONITE	SIDERITE		
BROCKITE	GROSSULAR	MOSANDRITE	SODALITE		
BROOKITE	GYPSSUM	MURMANITE	SPHALERITE		
BURBANKITE		MUSCOVITE	STEACYTE		
	HARMOTOME	McKELVEYITE	STEENSTRUPINE		
CALCITE	HEBERBERGITE	Mn-NEPTUNITE	STILLWELLITE		
CALCIOANCLITE	HEMATITE		STROMTIANITE		
CARB-FLUOR-APATITE	HELVITE	MARSARSUKITE			
CARLETONITE	HEMIMORPHITE	NATROLITE			
CATAPLEIITE	HILAIRITE	NATROPHOSPHATE	TAENIOLITE		
CERUSSITE	HORNBLende	NEWADKEVICHITE	TETRAMATROLITE		
CHABAZITE	HYDROTALCITE	NEPHELINE	TETRAEDRITE		
CHALCOCITE	HYDROGROSSULAR	NORDSTRANDITE	THALCUSTITE		
CHALCOPYRITE	HYDROZINCITE		THAUMASITE		
CHLORITE GROUP			THERMONATRITE		
CORDYLITE	ILMENITE	OLIGOCLASE	THOMSONITE		
	JOAQUINITE	ORTHOJOAQUINITE			

TYPE LOCALITY MINERALS ARE UNDERLINED
* LACKING COMPLETE IDENTIFICATION DATA

** NEW SPECIES SUBMITTED TO IMA

Please note:

Elsa and Les
Horvath of Hudson,
Quebec sent this
current computer
list of Mont
St. Hilaire

minerals.....
for which we
thank them very
much.

The material on this page is
from the CMA "MICRONES"
Muriel and Eric Wood, Editors
October 1985