



# 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 \$5.00 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

There will be no meeting of  
the MMNE in December. The  
next meeting of the MMNE  
will be Sunday, January 15,  
1989 at Boston University.

November 1988

Newsletter #127

The next meeting of the Micromounters of New England will be on  
Saturday, November 19, 1988 at the Harvard Forest in Petersham, Mass.  
The club has made arrangements for a room at this location, and as it is  
the first time our club has met at the Harvard Forest, a more detailed  
directions map is printed on page two of this bulletin.

## IMPORTANT NOTICE:

Club members voted at the October meeting to increase members' dues  
to \$5 per person. Dues are due as of January 1st, but as we hold no  
December meeting, dues will be accepted at the November meeting by  
Treasurer Janet Cares.

## ADDRESS CHANGE:

Michael Swanson  
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## SAINT-HILAIRE BOOK AVAILABLE SOON!!!

The Cambridge University Press has announced the publication of the  
Saint-Hilaire book by Mandarino and Anderson. Cost for this book will  
be \$75 dollars; however, Cambridge University Press is accepting  
pre-publication orders for this book for \$60. The catch is that the deadline  
for ordering this book at pre-publication cost is November 30, 1988.  
Please find an order form attached to this bulletin issue. If you wish to  
save the \$15, you should mail your order form in immediately.  
**Remember if you wish to take advantage of the special price, you  
must send your order in before November 30th.**

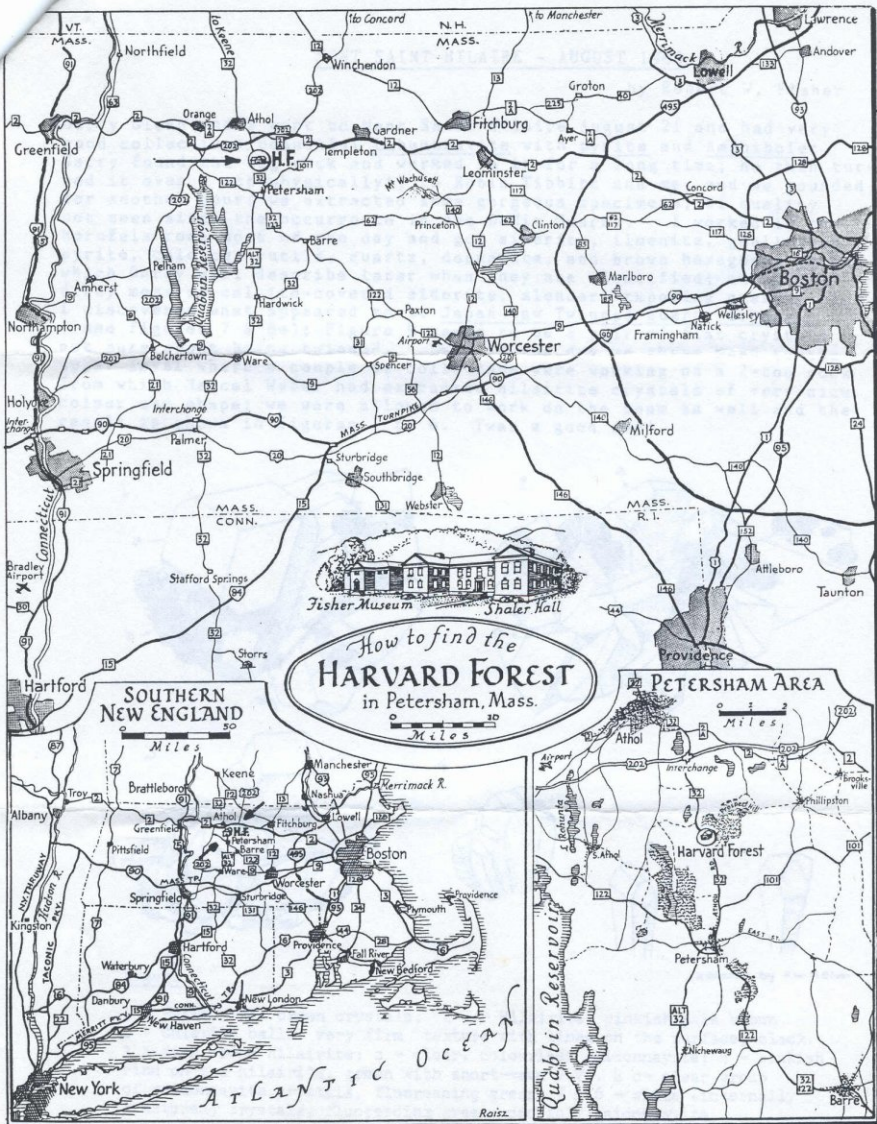
To order, fill in the form the number of copies you want (maximum  
order of three at this cost) next to the publication number 32632 X (you  
will find an arrow next to this listing on your order form).

**SPEAKING OF SAINT-HILAIRE:** Janet Cares submitted an article  
concerning Mont Saint-Hilaire which originally appeared in the CMMA  
MICRONEWS. Janet also added some information concerning this  
locality at the end of the article which comprises pages three and four of  
this bulletin.

A belated congratulations to member John Ebner for winning first place in  
the mineral photography contest at the Tucson Show. His prize winning  
photo may be seen in the latest issue of Rocks & Minerals magazine  
(Nov/Dec, page 439); also in the same issue is an article about June's  
"Palermo Party" sponsored by the HMMA, and provided by member Bob  
Whitmore.

## MICROMOUNTERS HALL OF FAME (Baltimore Mineral Society)

William C. Oke and Alexander Kipfer were named to the 1989  
Micromounters Hall of Fame. For 1990, Dr. L.C. Wills and Col. Quintin  
Wight have been nominated.

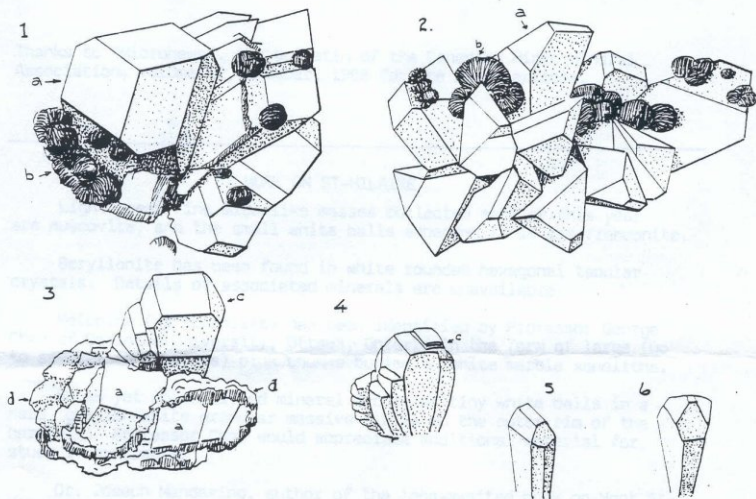




## MONT SAINT-HILAIRE - AUGUST 1988

by Robert W. Fisher

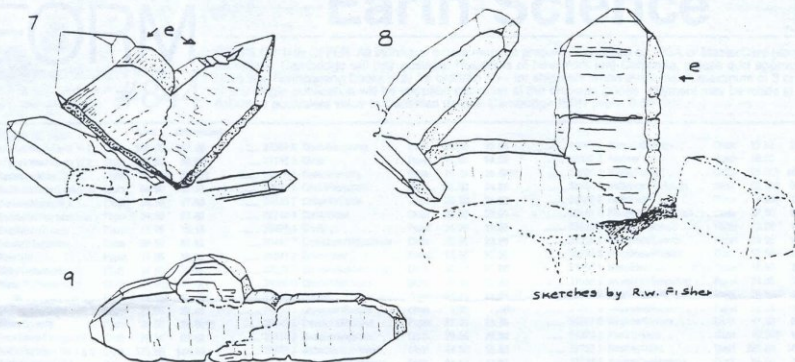
Garry Glenn and I went to Mont Saint-Hilaire August 21 and had very good collecting: Beautiful Labuntsovite with pyrite and Amphibole; Garry found the big rock and worked on it for a long time; he then turned it over (not physically!) to Robin Tibbitt and me, and we pounded for another hour; we extracted some gorgeous specimens, of quality not seen since the occurrence in the DeMix Quarry. I worked in the hornfels rock most of the day and got siderite, ilmenite, gmelinite, pyrite, calcite, rutile, quartz, donnayite, and brown hexagonal prisms which Garry will describe later when they are identified; amongst a dirty mess of calcite-covered siderite, slender, tapering quartz, etc. I discovered what appeared to be Japan Law Twinned quartz crystals (see figures 7 & 8e); Figure 9 seems to be a pair of flat crystals not sure about being twinned. Late in the day we three went to the upper level where a couple of collectors were working on a 2-ton rock from which Marcel Weber had extracted hilairite crystals of very nice colour and shape; we were allowed to work on the seam as well and the result is shown in figures 1 to 6. T'was a good day!

Legend

1 a - Hilairite, brown crystals. 2 a - Hilairite, pinkish pale brown.  
 b - Chlorite balls, very firm texture with lines on the surface; black.  
 3 a - dark brown hilairite; c - clear, colourless gaidonnayite; d - pinkish  
 rind on the hilairite, green with short-wave U.V.. 4 c - clear group  
 of gaidonnayite crystals, fluorescing green. 5 & 6 - white (internally  
 fractured, crystals, fluorescing green; probably gaidonnayite.

sketches by R.W. Fisher

Continued.....



Thanks to "Micronews", the bulletin of the Canadian Micro Mineral Association, volume 22, October, 1988 for the above article.

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#### MORE ON ST-HILAIRE

Light green fine mica-like masses collected earlier this year are muscovite, and the small white balls embedded in it are franconite.

Beryllonite has been found in white rounded hexagonal tabular crystals. Details of associated minerals are unavailable.

Meionite ( a scapolite) has been identified by Professor George Chao of Carleton University, Ottawa, Ontario in the form of large (up to several centimeters) pink chunks buried in white marble xenoliths.

An as yet unidentified mineral occurs as tiny white balls in a hard, greyish-white granular massive albite on the outer rim of the hornfels. Professor Chao would appreciate additional material for study if available.

Dr. Joseph Mandarino, author of the long-awaited book on Mont St-Hilaire reported earlier this month that he was expecting to send the final corrected proofs to the publisher by mid-month. Barring unforeseen problems, it is hoped that copies will be available at the Tucson Show, February 9-12. A grand total of 221 species will be included.