43rd ANNUAL
Franklin - Sterling
GEM & MINERAL SHOW
1999
FRIDAY, SEPTEMBER 24th • 5-9
SATURDAY, SEPTEMBER 25th • 9-6
SUNDAY, SEPTEMBER 26th • 10-5
Sponsored by
FRANKLIN, NEW JERSEY
The Fluorescent Mineral Capital of the World

Scan courtesy of the Franklin-Ogdensburg Mineralogical Society, www.FOMSNJ.org
MORTON HAHN INC.

30 Elm Street
Rockaway, N.J. 07866
Tel - 973 625 1764
Fax - 973 625 5195

A Nature Products Company
FEATURING

Gems & Minerals
Amethyst Cathedrals
Dino Items
GIANT ELEPHANT BIRD EGGS
Thick & Thin Agate Slabs
Tumbled Stones
Insects & Butterflies
Amethyst Book Ends
Eggs

Seashells
Rainsticks
Wood Snakes & Animals
Geodes
Raffia Giraffes

Peruvian Pyrite
Bugs in a Nut
Wood Flutes
Raw Amethyst

Fossils from Around the World
The show committee of the Franklin Mineral Museum is pleased to dedicate the 1999 Franklin-Sterling Gem & Mineral Show bulletin to John Cianciulli.

John became interested in the fluorescent minerals of Franklin and Sterling Hill in 1971. Subsequently he assembled several significant Franklin-Sterling collections which were eventually dispersed to collectors and museums.

He became a trustee of the Franklin Mineral Museum in 1982 and has dedicated a great part of his life since then to serving the museum in concurrent positions as assistant curator, show exhibits chairman, show sign coordinator, and show bulletin editor. As assistant curator, John provided extraordinary support to the curator by expanding the museum's permanent collections through his judicious purchase of mineral collections and increasing the museum's financial base through mineral sales. He rearranged the museum's Franklin-Sterling collections according to traditional classification standards. John's affinity for the capabilities of the computer enabled him to computerize the museum's collections and the mineral sales inventories. His knowledge of Franklin-Sterling rocks and minerals is remarkable. He willingly assists scientists and collectors in identifying minerals from the local deposits. In 1991 John was honored for his contributions by the naming of a new mineral from Franklin, cianciullite.

The Franklin-Sterling Gem & Mineral Show committee and the friends and staff of the Franklin Mineral Museum thank John for his many years of superb volunteer service, and pray that his health and interests enable him to continue supporting the activities of the museum, scientists, and the mineral-collecting community.
These descriptions are necessarily brief and hence simplistic. The ultraviolet wavelength (SW or LW) listed with a fluorescent response is the wavelength for which the response is stronger, many listed minerals fluoresce under both LW or SW. Unusual fluorescent responses are listed in parentheses. Fluorescent intensity and subtle differences in hue are not mentioned.

While mineral fluorescence is a powerful tool for rapid mineral identification, it should be used in conjunction with other identification techniques.

**ALBITE:** FL red SW
**ARAGONITE:** FL/PH cream LW (FL green SW)
**BARITE:** FL/PH cream SW (FL yellow LW)
**BARYLITE:** FL violet SW
Conspicuous under iron arc
**BASSANITE:** FL/PH violet LW
**BUSTAMITE:** FL cherry red LW
**CARNITE:** FL/PH cream SW
**CALCITE:** FL orange-red SW with brief red-orange PH (Also FL pink, orange, cream, white, green, blue, yellow, violet, etc.)
**CANAYESITE:** FL/PH violet LW
**CELESTINE:** FL/PH cream LW (FL violet SW)
**CHABZITE:** FL green SW
**CHARLESITE:** FL pale blue SW
Coated with cream FL gysum
**CHONDRODITE:** FL yellow, yellow-orange SW
**CLINOHEDRITE:** FL/PH orange SW
**CORUNDUM:** FL cherry-red LW
**CUPSIDINE:** FL orange-yellow SW
(With brief orange-red PH)
**DATOLITE:** FL cream SW
**DIOPSIDE:** FL blue SW, cream LW
**DYINGITE:** FL/PH blue SW/LW
**EPSOMITE:** FL cream LW
**ESPERITE:** FL lemon-yellow SW
**FLUOBORITE:** FL cream SW
**FLUORAPATITE:** FL orange or blue SW (FL "peach" SW)
**FLUORAPPHYLLITE:** FL/PH white SW
**FLUORITE:** FL/PH blue-green SW/LW
**GURERNITE:** FL/PH white SW
**GYPSUM:** FL/PH cream, pale blue, pale violet SW
**HARDYSTONITE:** FL violet to violet-blue SW/LW
**HEDYPHANE:** FL cream orange SW
**HEMIMORPHITE:** FL/PH white LW
(FL green SW)
**HODGKINSONITE:** FL deep cherry red LW
**HUMITE:** FL pale yellow SW
**HYALOPHANE:** FL red SW
**HYDROTALCITE:** FL cream LW
**HYDROXAPPHYLLITE:** FL/PH weak white SW
**HYDROZINCITE:** FL blue SW
**JOHNSBAUMITE:** FL orange SW
**JUNITOITE:** FL pale yellow LW

**MAGNESIOHORNBLENDE:** FL greenish-blue SW
**MANGANAXINITE:** FL red SW
**MARGARITE:** FL yellow SW/LW
**MARGARONSANITE:** FL blue and red SW (FL orange LW)
**MARIANITE:** FL yellow SW and pink LW
**MCALLISTERITE:** FL cream SW
**MEJONITE:** FL pinkish-red SW (also FL pink, orange, yellow, LW/SW)
**META-ANKOLITE:** FL green SW
**METALODEVITE:** FL green SW
**MICROCLINE:** FL blue or red SW
**MINERHILLITE:** FL violet SW
**MONOHYDROCALCITE:** FL green SW + white PH
**NASONITE:** FL pale yellow SW
**NEWBERYITE:** FL cream LW
**NOBERRITE:** FL yellow SW
**PARGASITE:** FL greenish-blue SW
**PECTOLITE:** FL/PH orange SW
**PHARMACOLITE:** FL weak violet SW
**PHLOGOPITE-1M:** FL yellow SW
**MICROPHARMACOLITE:** FL/PH white LW
**POWELLITE:** FL yellow SW
**PREHNITE:** FL orangish-pink SW
**QUARTZ:** FL yellow or green SW
**ROEBLINGITE:** FL red SW with brief red-orange PH
**SAMFOWLERITE:** FL weak red SW
**SCHHELITE:** FL yellow, blue SW
**SMITHSONITE:** FL/PH white SW
**SPHALERITE:** FL PH orange, yellow-orange, orange-yellow, and blue SW
**SPIBEL:** FL cherry-red LW
**STRONTIANITE:** FL violet SW/LW
**TALC:** FL cream SW
**THOMSONITE:** FL cream SW
**TILASITE:** FL yellow SW
**TITANITE:** FL yellow-orange SW
**TREMOLITE:** FL Blue SW (yellow LW)
**TURNEAUTITE:** FL orange SW
**URANOSPINITE:** FL green SW
**UNVITE:** FL yellow SW
**WILLEMITE:** FL/PH green SW (FL, PH yellow, greenish-yellow, orange, pale blue SW)
**WOLLASTONITE:** FL/PH orange to yellow SW
**ZIRCON:** FL orange SW
**ZNICALITE:** FL green SW
The comprehensive list of minerals from the Franklin-Sterling Hill Area, compiled by Pete J. Dunn and John L. Baum in 1998.

<table>
<thead>
<tr>
<th>Acanthite</th>
<th>Chabazite</th>
<th>Fraipontite</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actinolite</td>
<td>Chalcoctite</td>
<td>Franklinfurnaceite</td>
</tr>
<tr>
<td>Adamite</td>
<td>Chalcopyrite</td>
<td>Franklininite</td>
</tr>
<tr>
<td>Adelite</td>
<td>Chamosite</td>
<td>Franklinphilite</td>
</tr>
<tr>
<td>Aegirine</td>
<td>Charlesite</td>
<td>Friedelite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Chloritoid</td>
<td>Gageite-1Tc</td>
</tr>
<tr>
<td>Albite</td>
<td>Chlorophoenicite</td>
<td>Gageite-2M</td>
</tr>
<tr>
<td>Allacite</td>
<td>Chondrodite</td>
<td>Galena</td>
</tr>
<tr>
<td>Allanite-(Ce)</td>
<td>Chrysocolla</td>
<td>Gnamalite</td>
</tr>
<tr>
<td>Alleghanyite</td>
<td>Cianciullite</td>
<td>Ganophyllite</td>
</tr>
<tr>
<td>Almandine</td>
<td>Clinchlore</td>
<td>Genthelvite</td>
</tr>
<tr>
<td>Analcime</td>
<td>Clinochlore</td>
<td>Gersdorfite</td>
</tr>
<tr>
<td>Anandite</td>
<td>Clinochrysoitile</td>
<td>Gerstmannite</td>
</tr>
<tr>
<td>Anadyrite</td>
<td>Clinoclase</td>
<td>Glaucocroite</td>
</tr>
<tr>
<td>Aegirite</td>
<td>Clinohedrite</td>
<td>Goethite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Actinolite</td>
<td>Gold</td>
</tr>
<tr>
<td>Albitite</td>
<td>Chalcophanite</td>
<td>Goldmanite</td>
</tr>
<tr>
<td>Adelite</td>
<td>Chalcopyrite</td>
<td>Graphite</td>
</tr>
<tr>
<td>Aegirine</td>
<td>Chamosite</td>
<td>Greenockite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Charlesite</td>
<td>Grossular</td>
</tr>
<tr>
<td>Albite</td>
<td>Chloritoid</td>
<td>Grouitite</td>
</tr>
<tr>
<td>Allacite</td>
<td>Chlorophoenicite</td>
<td>Guerinite</td>
</tr>
<tr>
<td>Allanite</td>
<td>Chondrodite</td>
<td>Gypsum</td>
</tr>
<tr>
<td>Alleghanyite</td>
<td>Chrysocolla</td>
<td>Haidingerite</td>
</tr>
<tr>
<td>Almandine</td>
<td>Cianciullite</td>
<td>Halotrichite</td>
</tr>
<tr>
<td>Analcime</td>
<td>Clinchlore</td>
<td>Hancockite</td>
</tr>
<tr>
<td>Anandite</td>
<td>Clinochlore</td>
<td>Hardystonite</td>
</tr>
<tr>
<td>Anadyrite</td>
<td>Clinochrysoitile</td>
<td>Hastingsite</td>
</tr>
<tr>
<td>Aegirite</td>
<td>Actinolite</td>
<td>Hauckite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Albitite</td>
<td>Hausmannite</td>
</tr>
<tr>
<td>Albitite</td>
<td>Adelite</td>
<td>Hawleyite</td>
</tr>
<tr>
<td>Allacite</td>
<td>Aegirine</td>
<td>Hedenbergite</td>
</tr>
<tr>
<td>Allanite</td>
<td>Akrochordite</td>
<td>Hedyphane</td>
</tr>
<tr>
<td>Alleghanyite</td>
<td>Albitite</td>
<td>Hematite</td>
</tr>
<tr>
<td>Almandine</td>
<td>Allanite</td>
<td>Hemimorphite</td>
</tr>
<tr>
<td>Analcime</td>
<td>Albitite</td>
<td>Hendricksite-1M</td>
</tr>
<tr>
<td>Anandite</td>
<td>Allanite</td>
<td>Hercynite</td>
</tr>
<tr>
<td>Anadyrite</td>
<td>Albitite</td>
<td>Hetaerolite</td>
</tr>
<tr>
<td>Aegirite</td>
<td>Albitite</td>
<td>Heulandite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Albitite</td>
<td>Hexahydrite</td>
</tr>
<tr>
<td>Albitite</td>
<td>Albitite</td>
<td>Hodgkinsonite</td>
</tr>
<tr>
<td>Allacite</td>
<td>Albitite</td>
<td>Holendine</td>
</tr>
<tr>
<td>Allanite</td>
<td>Albitite</td>
<td>Hornblende</td>
</tr>
<tr>
<td>Alleghanyite</td>
<td>Albitite</td>
<td>Huebnerite</td>
</tr>
<tr>
<td>Almandine</td>
<td>Albitite</td>
<td>Humite</td>
</tr>
<tr>
<td>Analcime</td>
<td>Albitite</td>
<td>Hyalophane</td>
</tr>
<tr>
<td>Anandite</td>
<td>Albitite</td>
<td>Hydrobataerolite</td>
</tr>
<tr>
<td>Anadyrite</td>
<td>Albitite</td>
<td>Hydroptalcite</td>
</tr>
<tr>
<td>Aegirite</td>
<td>Albitite</td>
<td>Hydroxyapophyllite</td>
</tr>
<tr>
<td>Akrochordite</td>
<td>Albitite</td>
<td>Hydrozincite</td>
</tr>
<tr>
<td>Albitite</td>
<td>Albitite</td>
<td>Illite</td>
</tr>
<tr>
<td>Allacite</td>
<td>Albitite</td>
<td>Ilmenite</td>
</tr>
<tr>
<td>Allanite</td>
<td>Albitite</td>
<td>Jacobsite</td>
</tr>
<tr>
<td>Alleghanyite</td>
<td>Albitite</td>
<td>Jarosewichite</td>
</tr>
<tr>
<td>Almandine</td>
<td>Albitite</td>
<td>Jerrygibbsite</td>
</tr>
<tr>
<td>Analcime</td>
<td>Albitite</td>
<td>Johannsenite</td>
</tr>
<tr>
<td>Anandite</td>
<td>Albitite</td>
<td>Johnbaumite</td>
</tr>
<tr>
<td>Anadyrite</td>
<td>Albitite</td>
<td>Junitoite</td>
</tr>
<tr>
<td>Aegirite</td>
<td>Albitite</td>
<td></td>
</tr>
<tr>
<td>Mineral</td>
<td>Mineral</td>
<td>Mineral</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------</td>
<td>------------------</td>
</tr>
<tr>
<td>Kaolinite</td>
<td>Oligoclase</td>
<td>Sphalerite</td>
</tr>
<tr>
<td>Kentrolite</td>
<td>Orthoclase</td>
<td>Spinel</td>
</tr>
<tr>
<td>Kittatinnyite</td>
<td>Orthochrysonite</td>
<td>Starkite</td>
</tr>
<tr>
<td>Koettigite</td>
<td>Orthoserpierite</td>
<td>Sterlinghillite</td>
</tr>
<tr>
<td>Kolicite</td>
<td>Otavite</td>
<td>Stibnite</td>
</tr>
<tr>
<td>Kraislite</td>
<td>Parabrandite</td>
<td>Stilbite</td>
</tr>
<tr>
<td>Kutnahorite</td>
<td>Pararammelsbergite</td>
<td>Strontianite</td>
</tr>
<tr>
<td>Larsenite</td>
<td>Parasymplesite</td>
<td>Sulfur</td>
</tr>
<tr>
<td>Laumontite</td>
<td>Pargasite</td>
<td>Sussexite</td>
</tr>
<tr>
<td>Lawsonbauerite</td>
<td>Pectolite</td>
<td>Synadelphite</td>
</tr>
<tr>
<td>Lead</td>
<td>Pennantine-1a</td>
<td>Talc</td>
</tr>
<tr>
<td>Legrandite</td>
<td>Peteduninite</td>
<td>Tennantite</td>
</tr>
<tr>
<td>Lennilenaepite</td>
<td>Pharmacolite</td>
<td>Tephrnite</td>
</tr>
<tr>
<td>Leucophoenicite</td>
<td>Pharmacosiderite</td>
<td>Tetrahedrite</td>
</tr>
<tr>
<td>Linarite</td>
<td>Phlogopite-1M</td>
<td>Thomsonite</td>
</tr>
<tr>
<td>Liroconite</td>
<td>Picropharmacolite</td>
<td>Thorite</td>
</tr>
<tr>
<td>Lizardite</td>
<td>Piemontite</td>
<td>Thortveitite</td>
</tr>
<tr>
<td>Loellingite</td>
<td>Pimelite</td>
<td>Tilasite</td>
</tr>
<tr>
<td>Loseyite</td>
<td>Powellite</td>
<td>Tiodite</td>
</tr>
<tr>
<td>Magnesiohornblende</td>
<td>Prehnite</td>
<td>Titanite</td>
</tr>
<tr>
<td>Magnesioriebeckite</td>
<td>Pumpellyite-(Mg)</td>
<td>Todorokite</td>
</tr>
<tr>
<td>Magnesium-chlorophoenicite</td>
<td>Pyrite</td>
<td>Uraninite</td>
</tr>
<tr>
<td>Magnesiohornblende</td>
<td>Pyroaurite</td>
<td>Uranophane</td>
</tr>
<tr>
<td>Magnetite</td>
<td>Pyrobelonite</td>
<td>Uranospinite</td>
</tr>
<tr>
<td>Maganussomite</td>
<td>Pyrochristite</td>
<td>Uvite</td>
</tr>
<tr>
<td>Malachite</td>
<td>Pyrophanite</td>
<td>Vesuvianite</td>
</tr>
<tr>
<td>Manganaxinite</td>
<td>Pyroxmangite</td>
<td>Villyaellenite</td>
</tr>
<tr>
<td>Manganberzelieite</td>
<td>Pyrrhotite</td>
<td>Wallkilldellite</td>
</tr>
<tr>
<td>Manganese-hoernesite</td>
<td>Quartz</td>
<td>Wawayandaite</td>
</tr>
<tr>
<td>Manganhuminate</td>
<td>Rammelsbergite</td>
<td>Wendwilsonite</td>
</tr>
<tr>
<td>Manganite</td>
<td>Realgar</td>
<td>Willemite</td>
</tr>
<tr>
<td>Manganese</td>
<td>Retzian-(La)</td>
<td>Wollastonite</td>
</tr>
<tr>
<td>Manganosite</td>
<td>Retzian-(Nd)</td>
<td>Woodruffite</td>
</tr>
<tr>
<td>Manganoxyromalite</td>
<td>Rhodochrosite</td>
<td>Wulfenite</td>
</tr>
<tr>
<td>Marcasite</td>
<td>Rhodonite</td>
<td>Wurtzite</td>
</tr>
<tr>
<td>Margarite</td>
<td>Richterite</td>
<td>Xiaotongite</td>
</tr>
<tr>
<td>Margarosanite</td>
<td>Roeblingite</td>
<td>Yeatsmanite</td>
</tr>
<tr>
<td>Marialite</td>
<td>Romeite</td>
<td>Yukonite</td>
</tr>
<tr>
<td>Marsturite</td>
<td>Rosasite</td>
<td>Zinalsite</td>
</tr>
<tr>
<td>McCallisterite</td>
<td>Roselite</td>
<td>Zincite</td>
</tr>
<tr>
<td>Mcgovernite</td>
<td>Rutile</td>
<td>Zinkenite</td>
</tr>
<tr>
<td>Meionite</td>
<td>Rutile</td>
<td>Zircon</td>
</tr>
<tr>
<td>Meta-ankoleite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Metalodevite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Metazeunerite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Microcline</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Mineetite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Minehillite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Molybdenite-2H</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Monazite-(Ce)</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Monohydrocalcite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Mooreite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Muscovite-1M</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Nasonite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Natrolite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Nelenite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Neotocite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Newberyite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Niahite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Nickeline</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Nontronite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Norbergite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Ogdensburgrite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
<tr>
<td>Ojuelaite</td>
<td>Rutile</td>
<td>Znocalcite</td>
</tr>
</tbody>
</table>
Species unique to Franklin and Sterling Hill

Of the sixty-nine valid species described from Franklin or Sterling Hill for the first time, thirty-five remain unique to these deposits: they have not been found elsewhere. This is a changeable list; some of these species will likely be found elsewhere in the future. Those minerals with essential combined Mn and Zn, and those minerals having these elements in combination with As and Si, will likely remain unique to Franklin or Sterling Hill for some time. These unique species represent approximately 10% of those found here, and approximately 1% of all known on earth.

<table>
<thead>
<tr>
<th>Species Name</th>
<th>Formula</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOSTWICKITE</td>
<td>CaMn$<em>3^{+}$SiO$</em>{16}$.7H$_2$O</td>
</tr>
<tr>
<td>CHARLESITE</td>
<td>Ca$_6$(Al,Si)$_3$(SO$_4$)$<em>2$<a href="OH">B(OH)$_3$</a>$</em>{12}$.26H$_2$O</td>
</tr>
<tr>
<td>CHLOROPHoenicite</td>
<td>Mn$_2$Zn$_2$(OH)$_2$<a href="OH">As$<em>{0.5}$O$</em>{3}$</a>$_3$.5(OH)$_2$</td>
</tr>
<tr>
<td>CIANCIULLITe</td>
<td>Mn$_2$(Mg,Mn)$_2$Zn$<em>2$(OH)$</em>{2-4}$H$_2$O</td>
</tr>
<tr>
<td>FRANKLINFURNACEITE</td>
<td>Ca$_2$Fe$^{3+}$Mn$<em>2^{+}$Mn$</em>{3+}$Zn$_2$Si$<em>2$O$</em>{16}$(OH)$_4$</td>
</tr>
<tr>
<td>FRANKLINPHILITe</td>
<td>K$<em>4$(Mn,Mg,Zn,Fe)$</em>{32}$Si$<em>2$(OH)$</em>{216-216}$.6H$_2$O</td>
</tr>
<tr>
<td>GERSTMANNITe</td>
<td>(Mg,Mn)$_2$ZnSiO$_4$(OH)$_2$</td>
</tr>
<tr>
<td>HARDYSTONITe</td>
<td>Ca$_2$ZnSi$_2$O$_7$</td>
</tr>
<tr>
<td>HAUCKITE</td>
<td>(Mn,Mg)$_2$Zn$_2$Fe$^{3+}$$_3$(SO$_4$)$_2$(CO$_3$)$_2$(OH)$_8$</td>
</tr>
<tr>
<td>HENDRICKSITE</td>
<td>K(Zn,Mg)$_3$Si$<em>3$AlO$</em>{10}$(OH)$_2$</td>
</tr>
<tr>
<td>HODGKINSONITe</td>
<td>Zn$_2$Mn(SiO$_4$)(OH)$_2$</td>
</tr>
<tr>
<td>HOLDENITe</td>
<td>(Mn,Mg)$_2$Zn$<em>2$(OH)$<em>2$[As$</em>{0.5}$O$</em>{2.5}$]</td>
</tr>
<tr>
<td>JAROSEWICHTe</td>
<td>Mn$<em>3$Mn$</em>{1+}$[(AsO$_4$)$_2$(SiO$_4$)]$_2$(OH)$_6$</td>
</tr>
<tr>
<td>JOHNBAUMITe</td>
<td>Ca$_2$(AsO$_4$)$_3$(OH)</td>
</tr>
<tr>
<td>KITTATINNYITe</td>
<td>Ca$_4$Mn$^{3+}$Mn$^{2+}$Si$_2$O$_6$(OH)$_1$.8H$_2$O</td>
</tr>
<tr>
<td>KOLICITe</td>
<td>Mn$_2$Zn$_4$(AsO$_4$)$_2$(SiO$_4$)$_2$(OH)$_6$</td>
</tr>
<tr>
<td>LAWSONBAUERITE</td>
<td>(Mn,Mg)$_2$Zn$_4$(SO$_4$)$<em>2$(OH)$</em>{22.8}$H$_2$O</td>
</tr>
<tr>
<td>LENNILENAPITe</td>
<td>K$<em>2$.Mg,Mn,Zn,Fe)$</em>{30}$Si$<em>2$(OH)$</em>{216-216}$.16H$_2$O</td>
</tr>
<tr>
<td>MAGNESIUM-CHLOROPHoenicITe</td>
<td>(Mg,Mn)$_2$Zn$_2$(OH)$_2$<a href="OH">As$<em>{0.5}$H$</em>{0.5}$</a>$_2$</td>
</tr>
<tr>
<td>MCGOVERNITe</td>
<td>(Mn,Mg,Zn)$<em>{27}$As$</em>{3+}$$<em>{3+}$As$</em>{5+}$$<em>{30}$Si$</em>{42}$(OH)$_{224}$</td>
</tr>
<tr>
<td>MINEHELLITe</td>
<td>(Mg,Mn)$_2$Zn$_2$(SO$_4$)$<em>2$(OH)$</em>{32}$.8H$_2$O</td>
</tr>
<tr>
<td>MOOREITe</td>
<td>Mg$_2$Mn$_2$Zn$_2$(SO$_4$)$<em>2$(OH)$</em>{32}$.8H$_2$O</td>
</tr>
<tr>
<td>NELENITe</td>
<td>Mn$<em>2$Si$</em>{12}$<a href="Si$_3$O$_6$">O$_{18}$</a>$<em>{12}$As$</em>{3+}$$<em>{30}$(OH)$</em>{31}$</td>
</tr>
<tr>
<td>PARABRANDTITe</td>
<td>Ca$_2$Mg(AsO$_4$)$_2$.2H$_2$O</td>
</tr>
<tr>
<td>PETEDUNNITe</td>
<td>CaZnSi$_2$O$_6$</td>
</tr>
<tr>
<td>RETZIAN-(La)</td>
<td>Mn$_3$La(AsO$_4$)(OH)$_4$</td>
</tr>
<tr>
<td>RETZIAN-(Nd)</td>
<td>Mn$_3$Nd(AsO$_4$)(OH)$_4$</td>
</tr>
<tr>
<td>SAMFOWLERITe</td>
<td>Ca$_4$Mn$_2$Zn$_2$(Zn,Be)$_2$Be$_2$(SiO$_4$)$_4$(SiO$_4$)$_4$(OH,F)$_6$</td>
</tr>
<tr>
<td>SCRABRITE</td>
<td>(Zn,Mg,Mn)$_2$Zn$_2$(CO$_3$)$<em>2$(OH)$</em>{10}$</td>
</tr>
<tr>
<td>STERLINGHILLITe</td>
<td>Mn$_3$(AsO$_4$)$_4$.4H$_2$O</td>
</tr>
<tr>
<td>TORMEYITe</td>
<td>(Mg,Mn)$_2$Zn$_2$(SO$_4$)$<em>2$(OH)$</em>{22}$.8H$_2$O</td>
</tr>
<tr>
<td>WALLKILDELLITe</td>
<td>Ca$_2$Mn$_3^+$(AsO$_4$)$_2$(SiO$_4$)$_2$(OH)$_6$.18H$_2$O</td>
</tr>
<tr>
<td>WAWAYANDAITE</td>
<td>Ca$_2$Mn$_2$B$_2$Be$_2$Si$_2$O$<em>6$(OH,Cl)$</em>{30}$</td>
</tr>
<tr>
<td>YEATMANITe</td>
<td>[Mn$_{28}$][Mn$_2$Zn$_4$Si$<em>4$]O$</em>{28}$</td>
</tr>
</tbody>
</table>

Scan courtesy of the Franklin-Ogdensburg Mineralogical Society, www.FOMSNJ.org
- SHOW FLOOR PLAN LEGEND -

A - Franklin Ogdensburg Mineralogical Society
B - Micromount Mineral Exhibit
C - Public Telephone
D - Microscopic Demonstration

1 - Detrin Minerals
2 - Yankee Mineral and Gem Co.
3 - Pequa Rare Minerals
4 - Excalibur Mineral Co.
5 - Howard Minerals
6 - Gilman's
7 - Jewelry Depot
8 - Fowler's Wire Wrapping
9 - The Mineral Cabinet
10 - J & P Minerals
11 - Lang's Fossils
12 - Gemmery of Palm Coast
13 - Amazon Imports
14 - Martin's Minerals
15 - C. Carter Rich
16 - Aurora Mineral Corp.
17 - The Rocksmiths
18 - Willis' Earth Treasures
19 - Mohawk Enterprises
20 - Polman Minerals
21 - Gems & Jewelry Inc.
22 - Melvins Gem & Jewelry
23 - Lisa & Zack Lawlor
24 - Exotic Russian Minerals
25 - Green Mtn. Minerals
26 - Quarry Enterprises
27 - T.P. Minerals
28 - Jendon Minerals
29 - Charles Ward Fluorescent Minerals
30 - Hewin’s Minerals
ADDITIONAL DEALERS

wall

28 | 27 | 26 | 25

21 | 22

23 | 24
DETRIN MINERALS
14-48 128th Street
7th Avenue
College Point, New York 11356
718-886-3232

YANKEE MINERAL & GEM CO.
22 East Hayes Road
East Hampon, CT 06424
Booth #3

PEQUA
RARE MINERALS
342 Forest Ave.
Massapequa, NY 11758-5707

Booth #4

Rare species, old classics, UV lamps, field collecting equipment, microscopes, loupes, geiger counters, rough diamonds, mineral databases & analytical services. Producers of the CD-ROM: *Photographic Guide to Mineral Species*

Excalibur Mineral Company
1000 North Division Street
Peekskill, NY 10566
Tel: (914) 739-1134  Fax: (914) 739-1257
www.bestweb.net/-excalmin
MEMORIUM

Since he loved and collected minerals from Franklin - Ogdensburg
On this special weekend we remember HOWARD BESKY (1958 - 1987)

CHARLOTTE & MEL BESKY

HOWARD MINERALS
2775 Bedford Ave.
Brooklyn, NY 11210
(718) 434-8538
GILMAN’S
726 Durham Street
PO Box M
Hellertown, PA 18055

The Jewelry Depot
P.O. Box 512
Northfield
Center, Ohio 44067
Booth #8

Fowler’s Wire Wrapping
P.O. Box 699
Gooch Land, VA 23063

Booth #9

THE MINERAL CABINET
P.O. BOX 814
NEW PROVIDENCE, NEW JERSEY 07974
J&P MINERALS
P.O. Box 60381
Potomac, MD 20859

LANG'S FOSSILS
290 Brewer Road
Ilion, NY 13357
Gemmery of Palm Coast
25 Lansdowne Lane
Palm Coast, FL. 32137

Amazon Imports
P.O. Box 58
Williston, New York 11596
MARTIN'S MINERALS
P.O. BOX 160
HIGHSPIRE, PA. 17034

C. CARTER RICH
P.O. Box 69
Aldin, VA20105
Aurora Mineral Corp.
679 S. Ocean Avenue
Freeport, New York 11520

The RockSmiths
P.O. Box 157
Tombstone, Arizona 85638
Willis Earth Treasures
309 Prospect St.
Stewartsville, NJ 08886

MOHAWK ENTERPRISES
1334 Old Trail Road
Johnstown, NY 12095
Booth #20

POLMAN MINERALS*

FINE FLUORESCENT MINERAL SPECIMENS

One of the Largest Selections of Fluorescent Minerals in the World!!

For the Beginner or Advanced Collector!

For Free Complete Listing, With Mineral Description and Price,

Contact: George V. Polman
P.O. Box 93276
Phoenix, Arizona 85070-3276
(480) 460-1959
www.polmanminerals.com
email: polmans@compuserve.com
*A Division of Polman Environmental, Inc.

Booth #21

GEMS & JEWELRY PALACE, INC.
P.O. Box 5502
New York City, NY 10185
MELVIN'S
GEMS & JEWELRY

LISA & ZACK LAWLOR
1539 Garfield St.
Hollywood, FL 33020
Booth #24

EXOTIC RUSSIAN MINERALS
MOSCOW, RUSSIA

Booth #25

GREEN MTN. MINERALS
RD 3 BOX 5290
3 MILE BRIDGE ROAD
MONT PELIER, VT 05602
(802) 229-0421
Booth #28

BEAU GORDON
Geologist

P.O. Box 6214
Rome, GA 30162-6214
(706) 235-9121 or 291-4618
E-mail: jendon6214@aol.com

STUDY & DISPLAY MINERALS, CONSULTING & APPRAISALS

Booth #29

CHARLES WARD
FLUORESCENT MINERALS

37 Deer Wood Manor
Norwalk, CT 06851
HEWIN'S MINERALS
P.O. Box 93
Chartley, MA 02712

Life Member
Franklin Mineral Museum
Franklin, New Jersey

JOIN NOW
- NOVEMBER 4th, 1999 -
  Fall Night Dig

- MAY 2000 -
  Appreciation Day
  &
  Millenium Celebration

- JUNE 3rd, 2000 -
  Spring Night Dig

- SEPT/OCT 2000 -
  The 44th Annual
  Gem & Mineral Show

LOOK FOR UPCOMING EVENTS
OR UPDATES ON OUR WEB PAGE
www.franklinmineralmuseum.com
IN HONOR OF
MARY T. BOHM WELSH
WHOSE LIFETIME
ENCOURAGEMENT AND SUPPORT
OF HER HUSBAND’S INTERESTS
MADE THESE COLLECTIONS
POSSIBLE

MARY T. BOHM WELSH
1911-1998

In Appreciation

The Franklin Mineral Museum

Expresses its thanks
to the Minerals Show Exhibitors,
Advertisers and to all,
who through their dedication
have contributed their time and talents
to make the Mineral Show a great success.
MORRIS MUSEUM MINERALOGICAL SOCIETY

MEETS AT 7:00 P.M.
3rd THURSDAY OF THE MONTH, SEPT. - JUNE
AT THE MORRIS MUSEUM
6 NORMANDY HGHTS. RD.
(CORNER OF COLUMBIA TURNPike)
MORRISTOWN, N.J.

LIVE ENTERTAINMENT
Friday & Saturday Eve.
OPEN MIKE
Sun. Eve.
KARAOKE with
JO JO RUSSSEL
Thursday Nite
Ladies Nite w/Ray Sikora
LUNCH SPECIALS
Every Day
SOME SPECIALTIES
OF THE HOUSE
• Roast Duck
• Seafood Delite
• Scallops
• Mediterranean
• Chef's Dinner
• Specials Daily
OPEN 7 DAYS
ATTITUDE
ADJUSTMENT HOUR
Monday - Friday 4-7 PM
Kitchen Open Late
Every Nite
RT. 23, FRANKLIN
827-2090

PRIME RIB SPECIAL
$10.95
Thursday thru Monday
incls . . . Salad, Baked Potato
& Loaf of Fresh Bread
COME DINE & DANCE
IN THE
EXTENSION ROOM
FRIDAY & SATURDAY
EVENINGS
SEPARATE SALAD BAR
ALSO AVAILABLE FOR
BANQUETS
PARTIES
AND MEETINGS
(up to 120 people)
MEMBER WALKILL VALLEY CHAMBER OF COMMERCE
Plenty of parking available after 6 PM
At K&B Parking Lots Next To Restaurant
Country Breakfast

Gift Shop

Pool

“Where Heaven Meets Earth”

HIGH POINT COUNTRY INN
1328 Rt. 23 N. Colesville, NJ 07461
973-702-1860

CARLA LYNN HAUCK
MICHAEL HAUCK
PROPRIETORS

“Now & Then”

Derek & Peter B. Yoost
46B Mereline Ave. Apt.2
W. Paterson, NJ 07424-3094
(973) 278-1979 • e-mail:
yoost@ibm.net
Buy/Sell/Trade • Fossils & Meteorites

Steven C. Misiur

Curator . . . Miner . . . Editor
Sterling Hill Mining Museum

30 Plant St.
Ogdensburg, NJ 07439-1126

We Are Looking Forward to Seeing You At The

FRANKLIN DINER

The Carroll Family

Route 23
Franklin, NJ
Quality Worldwide
Mineral Specimens and Specializing in:
Fluorescents, Quartz, Eggs and Sphere

Hewin’s Minerals
P.O. Box 93, Chartley, Ma. 02712
(508) 823-5901

Visit Us On The Web:
http://members.aol.com/Dhminerals
and or E-mail us at
DHMinerals@aol.com

COMPLIMENTS
OF
CHESTER & MARY BRIDGET LEMANSKI
Welcome to the 43rd Annual Franklin Mineral and Gem Show

MINERALS • CRYSTALS • TUMBLED STONES • FOSSILS

Sarna Strom
973-838-0940

Cindy Strom
973-942-0716

Harry E. Watt Agency
General Insurance
Agents For

2 Rowe Place
Franklin, NJ 07416

William D. Scott
Marie J. Scott

Looking forward to seeing you at the show.

Steven M. Kuitem D.M.D.
Collector of Franklin Minerals
(908) 630-0033
14 Fox Hollow Trail
Bernardsville, N.J. 07924
MEET THE STAFF OF THE FRANKLIN MINERAL MUSEUM

Curator: Jack Baum
Assistant Curator: John Cianciulli
Manager: Doreen Longo
Assistant Manager: Andrew Richter
Administrative Assistant: Farrah Fawcett
Docents: Betty Egan, Sue Hasten, Pat Hunsinger, Austin Peacock
Maintenance: Gary Englishman
Raytech Industries

One Step Ahead Of The Competition...

VERSALUME

- Newly Redesigned
- AC/DC Operation
- Battery Operated As Well
- 4 Watts Of Power
- 40% More UV Output Than Competitive Models
- Lifetime Filters

RAYTECTOR 5-2

- Newly Redesigned
- Dual Tube With Switchable Wavelength
- Export Models Available
- AC/DC Rechargeable
- Lifetime Filter
- 12 Watts Of Power

Contact Your Local Distributor To Order Raytech Products

Raytech Industries
A Division Of Lyman Products
475 Smith Street, Middletown, CT 06457
Phone: (860) 632-2020  Fax: (860) 632-1699
Please patronize our advertisers . . . We appreciate their support!
Help preserve one of the world’s great mineral collecting sites . . .

The Buckwheat Pit

and

Trotter Mineral Dump

Franklin, New Jersey

Reginald Phillips

8 A.M. – 4:30 P.M. • Mon. – Fri.

8 A.M. – 12 Noon • Sat.

F & R ASSOCIATES, LLC

Historic Land Preservation

Franklin Minerals

Steven Phillips

128 Lake Pochung Road

Sussex, N.J. 07461

(973) 827-0945

Worldwide minerals to the dealer wholesale

We are buying collections and mining memorabilia

Phamily Minerals

Steven Phillips and Family

Always new material from old collections, from Franklin to Tsumeb. Look for us at the outside show. We will be selling a large amount of Franklin and Sterling Hill classics at family prices. For further buying opportunities, call for an appointment, or to be put on my dealer list for special events, or when a great wholesale offer comes in.

57 Mudtown Rd., Wantage, NJ 07461
(973) 875-5869 FAX: (973) 875-5864
Daytime: (973) 875-3953
ANNUAL FRANKLIN-Sterling Hill Mineral Show

EXHIBITORS

Mark Boyer
Robert Boymistruk
Richard Bostwick FL.
Steven Chuka FL.
Dennis DeAngleis FL.
John Ebner
Richard Eisenmen FL.
George Elling
Robert Hauck
Richard and Elna Hauck
John Kolic
Ralph Kovach FL.
Steven M. Kuitems, D.M.D. FL.
Chester & Mary Bridget Lemanski Jr. FL.
Peter Mackey FL.
Gerald McGoughlin FL.
Steven Phillips
Claude Poli FL.
Christian Thorsten
Earl Verbeek FL.

INSTITUTIONS:
Franklin Ogdensburg Mineralogical Society, Inc.
Franklin Mineral Museum
Rutgers University Geological Museum
Harvard University Geological Museum
Sterling Hill Mining Museum
The Franklin-Ogdensburg Mineralogical Society, Inc., is an organization established to provide programs designed to benefit the community, the collector and those interested in the minerals, mineralogy and geology of the Franklin-Ogdensburg area of New Jersey.

Our purpose is:

1. To establish and maintain, in cooperation with other interested groups, a permanent Museum in Franklin, New Jersey, for the minerals of Franklin and Ogdensburg.

2. To develop new information on the minerals and mineralogy through cooperative programs with Universities and other scientific organizations and individuals.

3. To obtain and make available accurate up-to-date information on the minerals and mineralogy of the areas.

4. To facilitate collecting of the minerals while conserving material for future collectors.

5. To facilitate identification of the minerals.

6. To promote fellowship and the advancement of mineralogy and geology by providing meetings for the members of the Society.

If you are interested in these or related programs, you are invited to join with us. Our yearly activities consist of seven scheduled meetings and field trips, with special trips to Museums, Universities and other areas of special interest. Our publication “The Picking Table”, which is issued twice yearly, in March and September, will advise you regarding the meeting and field trip dates and other activities of the Society.

Dues are $15 for individual memberships - $20 for family memberships

Mail your check to:
Mr. John Cianciulli, 60 Alpine Road, Sussex, NJ 07461
Franklin Mineral Museum’s
Endowment Fund and Building Fund

The Board of Trustees realized that the continued financial and educational success of the mineral museum depends upon two long-term projects when they established an Endowment Fund and a Building Fund.

**The Endowment Fund** accepts monies from estates, trusts and the general public. Income from the endowment fund is reinvested and may be used for operations, if necessary. Donations to this fund are applied to the principle, which are invested in secure interest earning accounts.

**The Building Fund** also accepts monies from estates, trusts and the general public for the use in expansion and maintenance of its buildings. Monies received by the Building Fund are used for its stated purpose and not for general operation.

**Present and Proposed Building Fund Projects:**
*New cases for Welsh Hall* – for a $1,500.00 donation a bronze plate will be mounted on a case with your name or dedication.
*New Benches* – for a $100.00 donation a bronze plate will be mounted on the back of a bench with your name or dedication. There are only five benches available.
*The Pavilion* – Donations of $100.00 or more for this project will be acknowledged on a special dedication plaque.
*Ramp to Buckwheat Dump* – Donations of $100.00 or more for this project will be acknowledged on a special dedication plaque.
*General Donations* – Donations will be as follows:

- **Individual** - $15 per year
- $10 per year for students (grammar, high school, and college students of all ages with a valid college ID)
- **Family** - $25 per year
- **Patron** - $50 per year
- **Life** - $500 one time fee
- **Corporate** - $1,000 one time fee
- **Sustaining** - $5,000 in money, material, and/or services

Donations to either of these funds can be made out to the Franklin Mineral Museum and mailed to P.O. Box 54, Franklin, New Jersey 07416. Please indicate which of the funds the donations is for if you have a preference.

The trustees sincerely appreciate your support of the permanent preservation of the mineral history of the zinc mines of Franklin, New Jersey. *All donations to the Endowment Fund and Building Fund are tax deductible.*
BOOSTER LIST FOR THE 1999
FRANKLIN-Sterling
GEM AND MINERAL SHOW

John H. Bauer
Louise A. Bauer
Augusta Baum
Jack Baum
Larry Berger
Dick Bieling
Dick Bostwick
Richard Bostwick
Walt Carter
Arlene Castleman
John Cianciulli
Amanda DeBlois
Ron DeBlois
Brendan Dunn
Carol Durham
Megan Durham
George Elling
Sabrina Faehnrich
Farrah Fawcett
David Gaipa
Lynda Gaipa
Scott Gaipa
Edward Gerstmann
Tema Hecht
Joseph J. Klitsch
Steven M. Kuitem, D.M.D.
Donovan Lange
Jack Lange
L & P Lapidary
Doreen Longo

Miriam Lowell
Lee Lowell
Steven Misirur
Claude Poli
Louisi Reiser
John Reiser
Edwin Sapp
Linda Scheper
Gloris Shouger
Mike Shouger
Nora Thomas
Ralph Thomas
Bill Trost
Earl Verbeek
Maureen Verbeek
Bill Welsh
Abbie White
Dean Paul Dwaine White
Donald Lawrence White Jr
Doris White P.H.D.
Evan White
Simon Benjamin T. White
Stanley David Thomas White
Victor Eric Warren White
Edward H. Wilk
Ellen Woods
Charlie Woods
Anne Wronka
Jim Wynd
28th ANNUAL
NJ EARTH SCIENCE ASSOCIATION
GEM & MINERAL SHOW
& Outdoor Swap and Sell

A collaborative effort by the
FRANKLIN-OGdensburg MINERALOGICAL SOCiETY
NEW JERSEY EARTH SCIENCE ASSOCIATION
STERLING HILL MINING MUSEUM
all non-profit organizations

MILLION DOLLAR SHOW
SEE A MILLION DOLLARS IN GOLD

ROBERT E. LITTELL COMMUNITY CENTER
(formerly known as the Franklin Armory)
IN FRANKLIN, NJ
near intersection of Routes 23 and 517 in Franklin, NJ

APRIL 29, 2000, Sat. 9:00AM-5:30PM
and
APRIL 30, 2000, Sun. 10AM-5PM

and look for us across the street at the
HARDYSTON SCHOOL

This is an indoor and outdoor event
Outdoor swap & sell hours: Sat., 9:00AM-5:30PM, Sun., 8AM-5PM
Donation: $4.00 per person
Children under 14 FREE with paying adult
Donation covers the indoor and outdoor event

*********** DOOR PRIZES ***********

*DEALERS*GEMS*JEWELRY*MINERALS*FOSSILS*WIRE WRAPPING*JEWELRY REPAIR*
PRIVATE AND INSTITUTIONAL EXHIBITORS* FLUORESCENT MINERAL EXHIBITS*
RESTURANT AND MOTEL ACCOMODATIONS CLOSE-BY, SEND FOR LISTING*

For information: Fred Stohl
(732)341-3553

Sterling Hill Mining Museum
(973)209-7212
28th ANNUAL
NJ EARTH SCIENCE ASSOCIATION
GEM & MINERAL SHOW
& Outdoor Swap and Sell

MAP NOT TO SCALE
THE 21st ANNUAL
F.O.M.S. BANQUET
and
AUCTION
Saturday, September 25, 1999

Time: 6:30 pm Social Time
       7:00 pm Dinner Served

Tickets: $13.50 per ticket admits one to
         all-you-can-eat buffet “Italian Style”
         does not include beer

Speaker: Rock Currier

Auction: Vandall King, Auctioneer

Location: Lyceum Hall,
The Immaculate Conception Church
75 Church Street, Franklin, NJ
(go down Buckwheat Rd., make a right on
to Evans go to the end of the road make a
left on to Main St. and the Hall is in front
of you)
Rock Currier, A brief biography

Born in Evanston, Illinois 1940. Raised mostly Southern California and rural Illinois. Studied Chemistry in School and worked in the chemical industry in California and New York. Became intensely interested in minerals while working in the chemical control laboratory at the big borax mine and refinery at Boron, California in 1962. In 1968 moved to Terrytown, N.Y. During this time instead of chasing girls like he should have done he spent his spare time learning to photography minerals, visiting the great institutional collections of the east coast, developing an appreciation of the rich historical heritage or the area, getting to know the curators dealers and collectors of the area, haunting localities that were producing specimens and adding to his collection at every opportunity.

In 1972 decided to make minerals a full time business and made a trip to India in search of zeolite mineral specimens. Upon his return from India he moved back to California, attended the Gemallogical Institute of America in his spare time and established Jewel Tunnel Imports in a spare bedroom of his mother’s house in San Marino, California. Many trips followed to various parts of the world. The business prospered and by 1977 the neighbors were rightfully beginning to complain and the business was moved to Arcadia, California where it continued to prosper. As the business grew, it was again necessary to move to larger quarters and in 1985 the business moved to Monrovia, California and again in 1991 to a 13,000 sq. foot concrete tilt up that Jewel Tunnel Imports currently calls home.

Although Rock Currier’s first love is will crystallized minerals he has found it necessary over the years, as he sank into the flesh pots of commerce to also sell a variety of minerals related items, like tumbled stone, agate marbles, fossils, crystal balls. And other such unsavory items. The rewards have been sufficient to allow him to travel the world pretty much as he wished and occasionally bring back wonderful minerals specimens along with tons of amethyst, agate, pyrite, zeolites, tumbled stones etc.

Among the places he has and currently travels to get items for Jewel Tunnel are Mexico, Honduras, Colombia, Peru, Chile, Bolivia, Brazil, Uruguay, Argentina, Dominican Republic, South Africa, Namibia, Zimbabwe, Zaire, Gabon, Kenya, India, Pakistan, Iran, Thailand, Taiwan, China, Korea, Russia, Morocco, Australia, Madagascar, Fiji, North America. It has been a good ride so far.
Welcome to
The Sterling Hill Mine
in Ogdensburg, NJ

THE GATES ARE OPEN TO THE PUBLIC FOR
A ONCE IN THE LIFETIME, THRILLING OPPORTUNITY TO VISIT THE LAST UNDER-
GROUND MINE TO OPERATE IN NEW JERSEY! THERE ARE ACTIVITIES SUCH AS AN
UNDERGROUND TOUR, VIEW THE WORLD’S LARGEST FLUORESCENT DISPLAY, WALK
THROUGH HISTORIC MINE BUILDINGS AND MUCH MORE!

PASSAIC & NOBLE PIT
COLLECTING OPEN TO THE PUBLIC
During the Franklin-Sterling Hill Mineral Show, Sept. 26, 1999
Open Sunday, 10 AM to 3 PM
Admission: $10.00 per person, $1 per pound after first 10 pounds

MINE TOUR ADMISSION
ADULT 9.00
CHILDREN (UNDER 17) 6.00
SENIOR CITIZEN 8.00

MINE TOUR GROUP RATES
FOR 10 OR MORE, RESERVATIONS ARE
REQUIRED FOR A $1.00 DISCOUNT PER
PERSON.
SCHOOL GROUPS:
CALL FOR INFORMATION.

HOURS
OPEN 7 DAYS A WEEK
FROM APRIL 1 TO NOV. 30
MARCH AND DEC., WEEKENDS ONLY
OTHER TIMES
BY APPOINTMENT ONLY
HOURS 10 AM TO 5 PM
TOURS AT 1 PM AND 3 PM.

Jacket and Sweater Recommended
Proper footwear required

For information call
(973)209-7212
FAX 973-209-8505
www.sterlinghill.org

COLLECTING AVAILABLE
Last Sunday of each month, April to Nov. 10 AM to 3 PM
FRANKLIN MINERAL MUSEUM MEMBERSHIP
32 Evans Street Franklin, NJ 07416
Museum 973-827-3481 Curator 973-827-6671
Fax 973-827-0149 e-mail funrocks@warwick.net
Web: www.franklinmineralmuseum.com

The Museum is a private, non-profit organization created for educational and scientific purposes in mineralogy, geology, archeology, and paleontology. The Museum's primary emphasis is the history and mineralogy of the Franklin-Sterling Mineral district. We would like to welcome all our members new and old and appreciate your continued support.

All Memberships include the following:
• Museum identification card
• 10% discount in the museum shop, excludes consignment materials or materials used for educational purposes
• Member may consign items in the museum shop at the desecration of the manager or curator.
• Museum Newsletter

MEMBERSHIP CATEGORIES:

1. **STUDENT**: $10.00 per year (college students requires valid ID)
2. **INDIVIDUAL**: $15.00 per year
   Benefits include (# 1&2): 3 free admissions to either the museum or collecting dump*.
3. **FAMILY**: $25.00 per year
   Benefits include: 5 free admissions to either the museum or collecting dump*.
4. **PATRON**: $50.00 per year
   Benefits Include:
   a) 10 free admissions to either the museum or collecting dump*.
   b) Invitations to Museum mineral auctions and other planned Museum functions or special events. This entitlement is restricted to Patron, Life, and Sustaining members.
5. **LIFE**: $500.00 one-time fee
   Benefits Include:
   a) Unlimited Museum Exhibit Visits
   b) 10 Collecting Dump* admissions, per year.
   c) 20 Guest passes for either the Museum Exhibits or Collecting Dump
   d) Invitations to Museum mineral auctions and other planned Museum functions or special events. This entitlement is restricted to Patron, Life and Sustaining members.
   e) Name engraved on Museum Membership Plaque. This entitlement is restricted to Life and Sustaining members.
6. **SUSTAINING**: $5000.00 American Currency, Material, and/or Services
   Benefits include: All entitlements of Life membership, plus recognition as deemed appropriate by the Museum Board of Trustees.

*Collecting includes up to 10 pounds of rock/mineral material.

Name: __________________________ Phone: __________________________
Address: _____________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________

Membership Type: __________________________ Membership fee: $ __________

Amount Enclosed: $ __________ Checks payable to: Franklin Mineral Museum
Please charge my __________ Visa __________ MC Account #: __________ Exp. date

Send Membership Application and payment to:
Franklin Mineral Museum, Memberships, P.O. Box 54, Franklin, NJ 07416
Your membership card(s) will be mailed to you upon receipt of application.
Franklin Mineral Museum
Franklin, New Jersey

"The FLUORESCENT MINERAL CAPITOL of the WORLD"

- FLUORESCENT MINERALS
- RARE and UNUSUAL SPECIMENS
- FOSSILS
- NATIVE AMERICAN ARTIFACTS
- MULTI LEVEL MINE REPLICA
- FIELD ROCK COLLECTING

The Museum exhibits over 14,000 minerals and fossil specimens and over 800 archaeological objects. Visitors collect on a 3.5 acre mine tailing pile (dump) dating back to the mid 1800's.

OPERATING SCHEDULE
March weekends open to all visitors
March weekdays for groups by appointment

OPEN SEVEN DAYS
APRIL THRU NOVEMBER
Monday through Saturday
10AM until 4PM
Sundays 11AM until 4:30PM
Closed Easter and Thanksgiving

SENIOR DISCOUNTS/ GREAT GROUP RATES
GUIDED (optional) TOURS OFFERED HOURLY/ ROCK COLLECTING DAILY
Gift Shop/ Picnic Area/ Vending Machines/ Bus Parking

32 Evans St Franklin, New Jersey
Museum 973-827-3481 Curator 973-827-6671 Fax 973-827-014
Web page: franklinmineralmuseum.com E-mail funrocks@warwick.net