

1999

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- DEDICATION -



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, cianciuliite.

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.

FLUORESCENT MINERALS OF FRANKLIN AND STERLING HILL, N.J.

A 1999 CHECK-LIST BASED ON OBSERVATIONS BY RICHARD C. BOSTWICH

FL = fluorescents; PH = phosphoresces; SW = shortwave ultraviolet radiation; LW = longwave ultraviolet radiation;

These descriptions are necessarily brief and hance 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 cream SW (FL/PH yellow SW/LW

FI white SW and pale green LW BARYLITE: FL violet SW

Conspicuous under iron arc BASSANITE: FL/PH violet SW BUSTAMITE: FL cherry red LW

CAHNITE: FL/PH cream SW CALCITE: FL orange-red SW with brief red-orange PH

(Also FL pink, orange, cream, white, green blue, yellow, violet, ect.)

CANAVESITE: FL/PH violet LW

CELESTINE: FL/PH cream LW (FL violet SW)

CERUSSITE: FL yellow LW 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 CUSPIDINE: FL orange-vellow SW

(With brief orange-red PH) DATOLITE: FL cream SW DIOPSIDE: FL blue SW, cream LW DYPINGITE: FL/PH blue SW/LW

EPSOMITE: FL cream LW

ESPERITE: FL lemon-vellow SW FLUOBORITE: FL cream SW

FLUORAPATITE: FL orange or blue SW

(FL "peach" SW)

FLUORAPOPHYLLITE: FL/PH white SW FLUORITE: FL/PH blue-green SW/LW

FL violet-blue LW (FL white LW) **GUERINITE: 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 HYDROXAPOPHYLLITE: FL/PH weak white SW

HYDROZINCITE: FL blue SW

JOHNBAUMITE: 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)

MARIALITE: FL yellow SW and pink LW

MCALLISTERITE: FL cream SW

MEIONITE: FL pinkish-red SW

(also FL pink, orange, vellow, cream LW/SW) META-ANKOLETTE: FL green SW

METALODEVITE: FL green SW

MICROCLINE: FL blue or red SW

MINEHILLITE: FL violet SW

MONOHYDROCALICTE: FL green SW + white PH

NASONITE: FL pale yellow SW

NEWBERYITE: FL cream LW NORBERITE: FL yellow SW

PARGASITE: FL greenish-blue SW

PECTOLITE: FL/PH orange SW

PHARMACOLITE: FL weak violet SW PHLOGOPITE-1M: FL vellow SW

PICROPHARMACOLITE: FL/PH white LW

POWELLITE: FL yellow SW

PREHNITE: FL orangeish-pink SW

QUARTZ: FL yellow or green SW

ROEBLINGITE: FL red SW with brief red-orange PH

SAMFOWLERITE: FL weak red SW

SCHEELITE: FL yellow, blue SW

SMITHSONITE: FL/PH white SW

SPHALERITE: Fl, PH orange, yellow-oranage,

orange-yellow, and blue LW

SPINEL: 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)

TURNEAUREITE: 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

XONOTLITE: FL violet SW

ZINCITE: FL yellow LW/SW

ZIRCON: FL orange SW

ZNUCALITE: 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.

Acanthite Actinolite Adamite Adelite Aegirine Akrochordite Alhite Allactite Allanite-(Ce) Alleghanvite Almandine Analcime Anandite Anatase Andradite Anglesite Anhydrite Annabergite Anorthite Anorthoclase Antlerite Aragonite Arsenic Arseniosiderite Arsenopyrite Atacamite Augite Aurichalcite Aurorite Austinite

Rakerite Bannisterite Barite Barium-pharmacosiderite

Azurite

Barylite

Barysilite **Bassanite** Baumhauerite Bementite

Berthierite Bianchite **Biotite** Rimessite Rornite Bostwickite Brandtite Breithauptite

Brochantite **Brookite** Brucite Bultfonteinite **Bustamite**

Cahnite Calcite Canavesite Carrollite Caryopilite Celestine

Celsian

Cerussite

Chahazite Chalcocite Chalcophanite Chalcopyrite Chamosite Charlesite Chloritoid

Chlorophoenicite Chondrodite Chrysocolla Cianciulliite Clinochlore Clinochrysotile Clinoclase Clinohedrite Clinohumite Clinozoisite Clintonite Conichalcite Connellite Copper Corundum Covellite Cryptomelane Cummingtonite Cuprite

Datolite Descloizite Devilline Digenite Diopside Diurleite Dolomite Domeykite Dravite Duftite Dypingite

Cuprostibite

Cuspidine

Edenite **Epidote Epsomite** Erythrite Esperite Euchroite Eveite

Fayalite Feitknechtite Ferrimolybdite Ferristilpnomelane Ferroactinolite Ferroaxinite

Ferrostilpnomelane Flinkite Fluckite Fluoborite

Fluorapatite Fluorapophyllite Fluorite Forsterite

Fraipontite Franklinfurnaceite Franklinite Franklinphilite Friedelite

Gageite-1Tc Gageite-2M Gahnite Galena Ganomalite Ganophyllite Genthelvite Gersdorffite Gerstmannite Glaucochroite Goethite Gold Goldmanite Graphite Greenockite Grossular Groutite Guerinite Gypsum

Haidingerite Halotrichite Hancockite Hardystonite Hastingsite Hauckite Hausmannite Hawlevite Hedenbergite Hedyphane Hematite Hemimorphite Hendricksite-1M Hercynite Hetaerolite Heulandite Hexahydrite Hodgkinsonite Holdenite Hornblende Huebnerite Humite Hyalophane Hydrohetaerolite

Illite Ilmenite

Hydrotalcite

Hydrozincite

Hydroxyapophyllite

Jacobsite Jarosewichite Jerrygibbsite Johannsenite Johnbaumite Junitoite

Kaolinite Kentrolite Kittatinnyite Koettigite Kolicite Kraisslite Kutnahorite

Larsenite
Laumontite
Lawsonbauerite
Lead
Legrandite
Lennilenapeite
Leucophoenicite
Linarite
Liroconite
Lizardite
Loellingite
Loseyite

Magnesiohornblende Magnesioriebeckite Magnesium-chlorophoenicite Magnetite

Magnussonite
Malachite
Manganaxinite
Manganberzeliite
Manganese-hoernesite
Manganhumite

Manganite
Manganosite
Manganpyrosmalite
Marcasite
Margarite
Margarosanite
Marsturite
Marsturite
Mcallisterite
Mcgovernite

Meta-ankoleite Metalodevite Metazeunerite Microcline

Meionite

Mimetite

Minehillite Molybdenite-2H Monazite-(Ce) Monohydrocalcite Mooreite

Muscovite-1M

Nasonite Natrolite Nelenite Neotocite Newberyite Niahite Nickeline Nontronite Norbergite

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Powellite Prehnite Pumpellyite-(Mg) Pyrite Pyroaurite Pyrobelonite Pyrochroite Pyrophanite

Pyroxmangite

Pyrrhotite

Pimelite

Quartz

Rammelsbergite Realgar Retzian-(La) Retzian-(Nd) Rhodochrosite Rhodonite Richterite Roeblingite Romeite Rosasite Roweite Rutile

Safflorite Samfowlerite Sarkinite Sauconite Schallerite Scheelite Schorl Sclarite Scorodite Seligmannite Sepiolite Serpierite Siderite Sillimanite Silver Sjögrenite Skutterudite

Smithsonite

Spessartine

Sonolite Spangolite Sphalerite Spinel Starkeyite Sterlinghillite Stibnite Stilbite Strontianite Sulfur Sussexite Synadelphite

Talc
Tennantite
Tennantite
Tephroite
Tetrahedrite
Thomsonite
Thorite
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Uraninite Uranophane Uranospinite Uvite

Vesuvianite Villyaellenite

Wallkilldellite Wawayandaite Wendwilsonite Willemite Wollastonite Woodruffite Wulfenite Wurtzite

Xonotlite

Yeatmanite Yukonite

Zinalsite Zincite Zinkenite Zircon Znucalite

[Monazite-(Ce), described by Pitman and Bearss in Mineralogical Record, 27, 439-442 (1996), is the only new addition to this list].

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 1% of those found here, and approximately 1% of all known on earth.

BOSTWICKITE CaMn³⁺₆Si₃O₁₆.7H₂O

CHARLESITE $Ca_6(A1,Si)_2(SO_4)_2[B(OH)_4](OH)_{12}.26H_2O$

CHLOROPHOENICITE $Mn_3Zn_2(OH)_6[As_{0.5}H_{0.5}(O,OH)_3]_2$

CIANCIULLIITE $Mn(Mg,Mn)_2Zn_2(OH)_{10}\cdot 2\text{-}4H_2O$

FRANKLINFURNACEITE $Ca_2Fe^{3+}Mn^{2+}{}_3Mn^{3+}Zn_2Si_2O_{10}(OH)_8$

FRANKLINPHILITE $K_4(Mn,Mg,Zn,Fe)_{48}(Si,Al)_{72}(O,OH)_{216} \sim 6H_2O$

GERSTMANNITE (Mg,Mn)₂ZnSiO₄(OH)₂

HARDYSTONITE Ca₂ZnSi₂O₇

HAUCKITE $(Mn,Mg)_{24}Zn_{18}Fe^{3+}_{3}(SO_{4})_{4}(CO_{3})_{2}(OH)_{81}$

HENDRICKSITE K(Zn,Mg)₃Si₃AlO₁₀(OH)₂

HODGKINSONITE Zn₂Mn(SiO₄)(OH)₂

 $\begin{aligned} &HOLDENITE \\ &(Mn,Mg)_6Zn_3(OH)_8(AsO_4)_2(SiO_4) \end{aligned}$

JAROSEWICHITE Mn₂Mn³⁺(AsO₄)(OH)₆

JOHNBAUMITE Ca₅(AsO₄)₃(OH)

KITTATINNYITE Ca₄Mn³⁺₄Mn²⁺₂Si₄O₁₆(OH)₈.18H₂O

KOLICITE Mn₇Zn₄(AsO₄)₂(SiO₄)₂(OH)₈ KRAISSLITE Fe^{3+} , $Mg_4Mn_{44}Zn_6(AsO_4)_6(AsO_3)_4(SiO_4)_{12}(OH)_{36}$

LAWSONBAUERITE (Mn,Mg)₉Zn₄(SO₄)₂(OH)₂₂.8H₂O

LENNILENAPEITE $K_{6.7}(Mg,Mn,Zn,Fe)_{48}(Si,Al)_{72}(O,OH)_{216}.16H_2O$

MAGNESIUM-CHLOROPHOENICITE $(Mg,Mn)_3Zn_2(OH)_6[As_{0.5}H_{0.5}(O,OH)_3]_2$

MCGOVERNITE (Mn,Mg,Zn)₂₇₃As³⁺₋₁₂As⁵⁺₋₃₀Si₋₄₂O₃₂₄(OH)₂₅₂

MINEHILLITE $K_2Ca_{28}Zn_5Al_4Si_{40}O_{112}(OH)_{16}$

MOOREITE $Mg_9Mn_2Zn_4(SO_4)_2(OH)_{26}.8H_2O$

NELENITE $Mn_{16}Si_{12}O_{30}(OH)_{14}[As^{3+}_{3}O_{6}(OH)_{3}]$

PARABRANDTITE Ca₂Mg(AsO₄)₂.2H₂O

PETEDUNNITE CaZnSi₂O₆

RETZIAN-(La) Mn₂La(AsO₄)(OH)₄

RETZIAN-(Nd) Mn₂Nd(AsO₄)(OH)₄

SAMFOWLERITE $Ca_{14}Mn_3Zn_2(Zn_1Be)_2Be_6(SiO_4)_6(Si_2O_7)_4(OH_1F)_6$

SCLARITE $(Zn_1Mg_1Mn_1Zn_3(CO_3)_2(OH)_{10}$

STERLINGHILLITE Mn₃(AsO₄)₂.4H₂O

TORREYITE $(Mg,Mn)_9Zn_4(SO_4)_2(OH)_{22}.8H_2O$

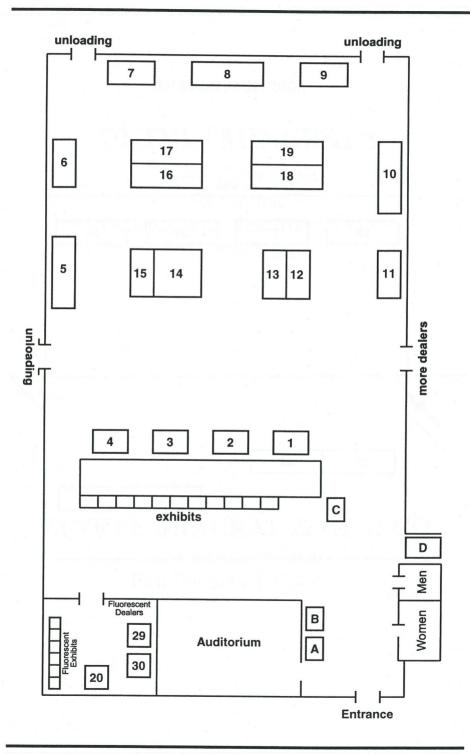
 $\begin{aligned} &WALLKILLDELLITE\\ &Ca_4Mn^{2+}{}_6As^{5+}{}_4O_{16}(OH)_8.18H_2O \end{aligned}$

WAWAYANDAITE $Ca_{12}Mn_4B_2Be_{18}Si_{12}O_{46}(OH,Cl)_{30}$

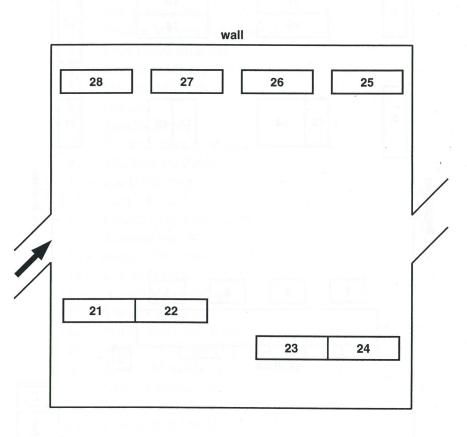
YEATMANITE [Mn₅Sb₂][Mn₂Zn₈Si₄]O₂₈

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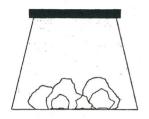
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LOOK FOR UPCOMING EVENTS OR UPDATES ON OUR WEB PAGE www.franklinmineralmuseum.com

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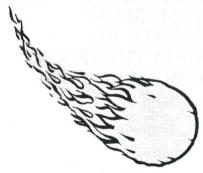
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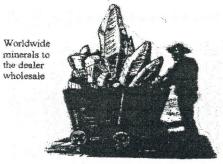
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ANNUAL FRANKLIN-STERLING HILL MINERAL SHOW **EXHIBITORS**

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INSTITUTIONS:

Franklin Ogdensburg Mineralogical Society, Inc. Franklin Mineral Museum Rutgers University Geological Museum Harvard University Geological Museum Sterling Hill Mining Museum

Franklin-Ogdensburg Mineralogical Society, Inc.

BOX 146

FRANKLIN, N. J. 07416

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:-

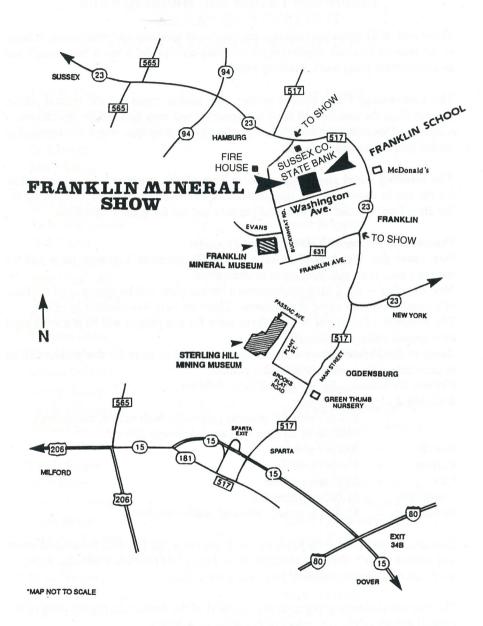
- To establish and maintain, in cooperation with other interested groups, a permanent Museum in Franklin, New Jersey, for the minerals of Franklin and Ogdensburg.
- To develop new information on the minerals and mineralogy through cooperative programs with Universities and other scientific organizations and individuals.
- To obtain and make available accurate up-to-date information on the minerals and mineralogy of the areas.
- To facilitate collecting of the minerals while conserving material for future collectors.
- 5. To facilitate identification of the minerals.
- 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 Morch 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

AME (Mr. Mrs. Miss)		
DDRESS		
OWN	STATE	ZIP CODE



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

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Earl Verbeek
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Edward H. Wilk Ellen Woods

Charlie Woods Anne Wronka

Jim Wynd

28th ANNUAL

NJEARTH 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

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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

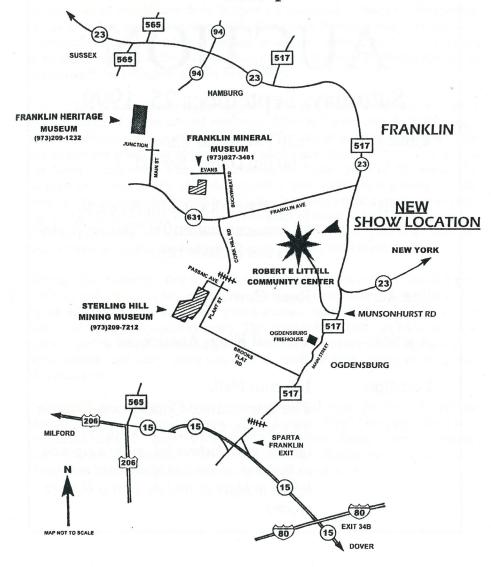
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Sterling Hill Mining Museum (973)209-7212

28th ANNUAL NJ EARTH SCIENCE ASSOCIATION GEM & MINERAL SHOW & Outdoor Swap and Sell



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 Gemalolgical 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, Nambiz, 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.

STERLING HILL MINING MUSEUM

30 PLANT STREET OGDENSBURG, NJ 07439-1126

Welcome to

The Sterling Hill Mine

ın

Ogdensburg, NJ

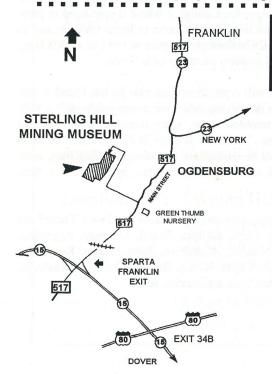


THE GATES ARE OPEN TO THE PUBLIC FOR
A ONCE IN THE LIFETIME, THRILLING OPPORTUNITY TO VISIT THE LAST UNDERGROUND MINE TO OPERATE IN NEW JERSEY! THERE ARE ACTIVITIES SUCH AS AN UNDERGROUND TOUR, VIEW THE WORLD'S LARGEST FLUORESCENT DISPLAY, WALK THROUGH HISTORIC MINE BUILDINGS AND MUCH MORE!

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



COLLECTING AVAILABLE Last Sunday of each month, April to Nov. 10 AM to 3 PM

MINE	TOUR	ADMISSION	I

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.

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HOURS

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FROM APRIL 1 TO NOV. 30
MARCH AND DEC., WEEKENDS ONLY
OTHER TIMES
BY APPOINTMENT ONLY
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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

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*.
- 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
- 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.

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.



- 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 archeological 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

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