41st ANNUAL

Franklin - Sterling

GEM & MINERAL SHOW

Fri., Sept. 26th: 5-9 • Sat. Sept. 27th: 9-6
Sun., Sept. 28th: 10-5

Sponsored by

FRANKLIN, NEW JERSEY

The Fluorescent Mineral Capital of the World
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 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!

VISIT OUR GIFT SHOP AND REFRESHMENT STAND. MODERN RESTROOMS AND PARKING AVAILABLE. MOST AREAS ARE HANDICAP ACCESSIBLE. PICNIC AREAS ARE AVAILABLE.

**ADMISSION**

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<td><strong>SENIOR CITIZEN</strong></td>
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**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
We buried Joe Cilen the end of January; Joe is gone, or is he? We who remember Joe, we who call Joe a friend, have not lost him. His presence is very much with us. A man who actively enjoyed minerals and people for more than sixty years does not disappear. What has Joe given us? What has Joe left for us? Let's check the list.

He never let aging be a reason for not getting involved with activities, which included being the Franklin-Ogdensburg Mineral Society banquet chairman and a committee and board member of the North Jersey Mineral Society and the Newark Mineral Society.

He maintained a strong love of the hobby, which kept his outstanding collection from ever getting stagnant.

He enjoyed the association of many people without the all-too-common need to seek out only flaws.

He possessed a sense of humor that no amount of discouragement could stifle.

Joe was a gem of a special rarity that had many facets—a love of gardening and an ability to grow prize-winning chrysanthemums; a mineral book collector who amassed a collection of major magnitude; a collector of mineral collections, including a species collection of more than three thousand specimens. a Franklin-Ogdensburg collection, a collection of historical minerals, a Långban collection, a New Jersey traprock mineral collection, and a general collection totaling twenty thousand catalogued specimens.

Joe never married, but his special family at the time of his passing included a sister, a married nephew, and a grandnephew. Joe was very proud of this family and would show the latest pictures to share this pride.

Mineralogy lost a special friend in Joe; we all did.

Richard Hauck
Ogdensburg, New Jersey

Reprinted with permission from Rocks & Minerals, Vol 72, May/June 1997
IN MEMORIAM
KEN BORDEN

MORRIS MUSEUM
MINERALOGICAL SOCIETY

MEETS 7 PM
3rd THURSDAY OF THE MONTH
SEPTEMBER - JUNE

AT
MORRIS MUSEUM
6 NORMANDY HEIGHTS ROAD
(CORNER OF COLUMBIA TURNPIKE)
MORRISTOWN, N.J.
### The comprehensive list of minerals from the Franklin-Sterling Hill Area, compiled by Pete J. Dunn and John L. Baum in 1997.

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Scan courtesy of the Franklin-Ogdensburg Mineralogical Society, www.FOMSNJ.org
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Note: [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 10% of those found here, and approximately 1% of all known on earth.

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<td>CaFe³⁺⁺Mn³⁺⁺Mn³⁺Zn₂Si₃O₆(OH)₈</td>
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<td>K₃(Mn,Mg,Zn,Fe)₆(Si,Al)₇(O,H)₂₁₆·6H₂O</td>
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<td>(Mg,Mn)₉Zn₄Si₄O₁₆(OH)₂</td>
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<td>(Mn,Mg)₉Zn₁₈Fe³⁺⁺(SO₄)₄(CO₃)₂(OH)₆₁</td>
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<td>Ca₃Mn³⁺⁺Mn³⁺₂Si₄O₁₆(OH)₁₈·18H₂O</td>
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<tr>
<td>KOLICITE</td>
<td>Mn₉Zn₄(AsO₄)₂(SiO₄)₂(OH)₈</td>
</tr>
<tr>
<td>KRAISSLITE</td>
<td>Fe³⁺⁺₂Mg₉Mn₉Zn₆(AsO₄)₁₂(AsO₄)₄(SiO₄)₁₂(OH)₃₆</td>
</tr>
<tr>
<td>LAWSONBAUERITE</td>
<td>(Mn,Mg)₉Zn₄(SO₄)₂(OH)₁₂·8H₂O</td>
</tr>
<tr>
<td>LENNILENAPEITE</td>
<td>K₉₃(Mg,Mn,Zn,Fe)₆(Si,Al)₇(O,H)₂₁₆·1₆H₂O</td>
</tr>
<tr>
<td>MAGNESIUM-CHLOROPHoenICITE</td>
<td>(Mg,Mn)₉Zn₄(OH)₁₂[AsO₅H₀.₅(O,H)₃]₁₂</td>
</tr>
<tr>
<td>MCGOVERNITE</td>
<td>(Mn,Mg,Zn)₇₂As³⁺⁺₁₂As⁵⁺⁻₃₆Si⁻₆(OH)₂₃₂</td>
</tr>
<tr>
<td>MINEHILLITE</td>
<td>K₉Ca₉Zn₄Al₅Si₆O₁₁₂(OH)₁₆</td>
</tr>
<tr>
<td>MOOREITE</td>
<td>Mg₉Mn₉Zn₄(SO₄)₂(OH)₁₂·8H₂O</td>
</tr>
<tr>
<td>NELENITE</td>
<td>Mn₉Si₉₂O₉(OH)₁₆[As³⁺⁺₃O₆(OH)₆</td>
</tr>
<tr>
<td>PARABRANDTITE</td>
<td>Ca₃Mg(AsO₄)₂·2H₂O</td>
</tr>
<tr>
<td>PETEDunnITE</td>
<td>CaZnSi₆O₆</td>
</tr>
<tr>
<td>RETZIAN-(La)</td>
<td>Mn₉La(AsO₄)O(OH)₄</td>
</tr>
<tr>
<td>RETZIAN-(Nd)</td>
<td>Mn₉Nd(AsO₄)O(OH)₄</td>
</tr>
<tr>
<td>SAMFOWLERITE</td>
<td>Ca₆Mn₉Zn₂(Zn,Be)₂Be₉(SiO₄)₆(SiO₄)₆(OH,F)₆</td>
</tr>
<tr>
<td>SCLARITE</td>
<td>(Zn,Mg,Mn)₉Zn₉(CO₃)₄(OH)₁₀</td>
</tr>
<tr>
<td>STERLINGHILLITE</td>
<td>Mn₃(AsO₄)₂·4H₂O</td>
</tr>
<tr>
<td>TORREYITE</td>
<td>(Mg,Mn)₉Zn₉(SO₄)₂(OH)₂₂·8H₂O</td>
</tr>
<tr>
<td>WALKKILLDELLITE</td>
<td>Ca₃Mn³⁺⁺₄As⁵⁺⁺₄O₁₆(OH)₆·1₈H₂O</td>
</tr>
<tr>
<td>WAWAYANDAITE</td>
<td>Ca₃Mn₉B₆Be₁₂Si₁₇O₄₆(OH,Cl)₃₀</td>
</tr>
<tr>
<td>YEATMANITE</td>
<td>[Mn₉Sb₃][Mn₉Zn₄Si₆]O₃₄</td>
</tr>
</tbody>
</table>
- SHOW FLOOR PLAN LEGEND -

A - Franklin-Ogdensburg Mineralogical Society
B - Public Telephone
C - Microscope Demonstration
1 - Detrin Minerals
2 - Bartky Minerals
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 - Lange’s Fossils & Meteorites
12 - The Gemmery of Palm Coast
13 - Amazon Imports
14 - Martin’s Minerals
15 - Mountain Minerals
16 - Aurora Mineral Corp.
17 - The Rocksmiths
18 - Willis’ Earth Treasures
19 - Mohawk Enterprises
20 - Charles Ward Fluorescent Minerals
21 - New Hampshire Crystal Co.
22 - UV Systems
SHOW FLOOR PLAN

UNLOADING

7 8 9

17 16

19 18

13 12

15 14

10

5

6

4 3 2 1

22 EXHIBITS

PUBLIC PHONE

FLUORESCENT EXHIBITS DEALERS 20 & 21

LECTURE ROOM

A

B

MEN

WOMEN

ENTRANCE

UNLOADING

UNLOADING
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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

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FRANKLIN MINERAL MUSEUM INC.
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The Board of Trustees realized that the continued financial and educational success of the mineral museum was dependent 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. Only the income from the Endowment Fund is used to operate the museum. The principal of the Endowment Fund is restructured from any distribution to museum support or expansions.

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

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.

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Professional Service:

Amherst College
Pratt Museum Committee October 1993 to present

Books reviewed for journals

Friends of Mineralogy
Ad Hoc Committee on Locality Preservation

Grant proposals reviewed for governmental agencies

Harvard University
University Extension: Certificate in Museum Studies program
Instructor Muse E-100: Introduction to Museology 1991 - present
Instructor Muse E-115: Collections & Curation 1992 - present
Internship Coordinator 1991 - present

University Museums Council
Mineralogical & Geological Museum Representative 1978 -
Watch Dog Committee

International Mineralogical Association
Commission on Museums
National Representative 1987 - 1992
Secretary ad interim July, 1991 - September, 1994
Chairman 1994 - present

Lectures to mineral clubs and civic groups

Manuscripts reviewed for journals

Mineralogical Association of Canada
Associate Editor Canadian Mineralogist 1992-1994

Mineralogical Society of America
Representative to Friends of Mineralogy 1982-1983
Crystallographic Award Selection Committee 1993

Rocks & Minerals Magazine
Consulting Editor 1980-present

Society of Mineral Museum Professionals
Board of Directors 1993- 1995
Vice President 1993 - 1995
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4. **Life** - $500 one-time fee
   
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   (3). Name put on plaque.

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