

**53RD  
ANNUAL**

*Franklin - Sterling*

**GEM & MINERAL  
SHOW**

**SATURDAY & SUNDAY  
SEPTEMBER 26th & 27th, 2009**

*Sponsored By*



*Franklin, New Jersey  
The Fluorescent Mineral Capital Of The World*

# DEDICATION

## Steven Phillips

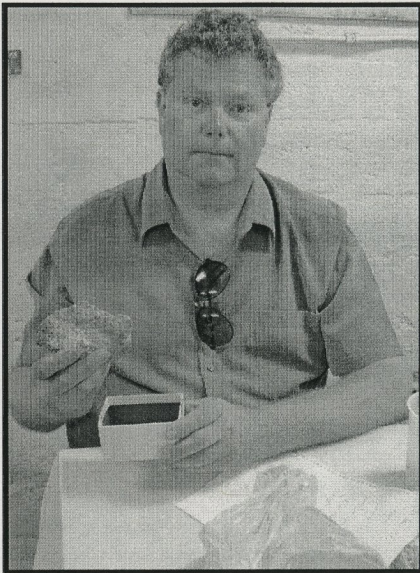


Photo by Tema J. Hecht

The Franklin Mineral Museum Show Committee is pleased to dedicate the 2009 Franklin-Sterling Gem & Mineral Show to Steven Phillips.

Steven was born and raised in Sussex County and was introduced to the Franklin mining area as a child when his father, Amos, purchased the Trotter and Buckwheat mine properties. Both areas are located across the street from the Franklin Mineral Museum. The Trotter property was used as a collecting site for years and was managed under the watchful eye of Nick Zipco. The Buckwheat pit area was developed into a family recreational site.

Steven developed an interest in the Franklin-Sterling Hill rocks and minerals in 1990 after his business, Phillips Enterprises, became one of the investors in the purchase of the Sterling Hill mine property. In 1988, the town of Ogdensburg had foreclosed on the New Jersey Zinc Company mine property.

Steven's interest in the area's unique mineralogy was the impetus for his becoming involved with the Franklin Mineralogy Museum. He served on the Museum board for several years and in 1999 was elected president. Under his guidance, the Museum made significant improvements to the physical facilities. These included designing and installing a new ramp into the Buckwheat dump collecting area and erecting an open-air pavilion for school and event use.

The Museum sponsors the fall mineral and gem show; this is the Museum's major annual fund raising event. Every year, the show committee, the Museum officers and trustees and the Franklin-Ogdensburg Mineralogical Society members work diligently to make this show a success. Steven has always provided a Herculean effort to assure that every necessary show task is accomplished or adequately covered. He doesn't just manage these efforts, he gets directly involved in a variety of tasks.

As examples of Steven's many show actions, he arranges the hiring of folks to set up and break down the show. Occasionally, some of them arrive late so Steven helps hustle dealer tables into place. He single handedly transports the Museum's daylight exhibit to the school and then assembles the display. He arranges for the Friday set up dinner for the show help and the dealers. Steven arrives very early each show day to check in the outside dealers. During the show, he and his wife, Judy, set up tables at the outside show to sell rocks and other items provided by the Museum for the Museum's benefit. At the end of the show, Steven disassembles, packs, and returns the Museum's display to the Museum. No other Museum president has ever been so actively involved in the show as has Steven. His exhaustive show efforts are extraordinary.

Steven's business experience gained as co-owner of the R.S. Phillips Steel Company has definitely been advantageous for the Museum's successful operation. He has infused efficient and effective business concepts into the Museum's daily operations. Steven has also led a personal campaign to improve the quality of the Museum's collections. On the Museum's behalf, he has achieved the acquisition of many mineral collections and has traveled far and wide to negotiate their donation or sale. At times, these collections contain specimens worthy of inclusion in the Museum's collections. Other specimens are offered for sale to the general public. These sales are important to help maintain and support Museum operations.

Steven's business expertise was uniquely tested in 2007. After months of negotiations with the dealer handling the sale and a disruption of his own winter vacation, he finally brought home to Franklin the prestigious Academy of Natural Science's suites of Franklin-Sterling Hill rocks and minerals. Nearly 100 of these historic minerals were added to the museum's permanent collections.

In addition to all these activities, Steven's role as president involves many other tasks required to make the Museum operate successfully. His contributions will not only ensure the Museum's future but also its status as a world class museum, "the Mecca of the Mineral World". Steven's efforts for both the Museum and its shows are innumerable and their value is incalculable.

And so, it is with pleasure that we honor Steven Phillip's work and dedicate the 53rd Annual Gem & Mineral Show to him.

# MINERAL SPECIES FOUND AT FRANKLIN-STERLING HILL, NJ

(Revised by FOMS Mineral List Committee September 2009)

This list conforms to the IMA nomenclature. The traditional names are shown in brackets.  
(fmm1954@earthlink.net)

|                       |                         |                           |
|-----------------------|-------------------------|---------------------------|
| Acanthite             | Biotite*                | Cyanotrichite             |
| Actinolite            | Birnessite              |                           |
| Adamite               | Bornite                 | Datolite                  |
| Adelite               | <b>Bostwickite</b>      | Descloizite               |
| Aegirine              | Brandtite               | Devilline                 |
| Akrochordite          | Breithauptite           | Digenite                  |
| Albite                | Brochantite             | Diopside                  |
| Allactite             | Brookite                | Djurleite                 |
| Allanite-(Ce)         | Brucite                 | Dolomite                  |
| Alleganyite           | Bultfonteinite          | Domeykite                 |
| Almandine             | Bustamite               | Dravite                   |
| Analcime              |                         | Duftite                   |
| Anandite              | Cahnite                 | Dundasite                 |
| Anatase               | Calcite                 | Dypingite                 |
| Andradite             | Canavesite              |                           |
| Anglesite             | Carrollite              | Edenite                   |
| Anhydrite             | Caryopillite            | Epidote                   |
| Annabergite           | Celestine               | Epidote-(Pb)              |
| Anorthite             | Celsian                 | Epsomite                  |
| Anorthoclase          | Cerussite               | Erythrite                 |
| Antlerite             | Chabazite-Ca            | Esperite                  |
| Apatite-(CaF)         | Chalcocite              | Euchroite                 |
| Apophyllite-(KF)      | Chalcophanite           | Evete                     |
| Apophyllite-(KOH)     | Chalcopyrite            |                           |
| Aragonite             | Chamosite               | Fayalite                  |
| Arsenic               | <b>Charlesite</b>       | Feitknechtite             |
| Arseniosiderite       | Chloritoid              | Ferrimolybdite            |
| Arsenopyrite          | <b>Chlorophoenicite</b> | Ferro-actinolite          |
| Atacamite             | Chondrodite             | Flinkite                  |
| Augite                | Chrysocolla             | Fluckite                  |
| Aurichalcite          | Chrysotile              | Fluoborite                |
| Aurorite              | <b>Cianciulliite</b>    | Fluorite                  |
| Austinite             | Clinochlore             | Fluoro-edenite            |
| Axinite-(Fe)          | Clinoclase              | Forsterite                |
| Axinite-(Mn)          | Clinohedrite            | Fraipontite               |
| Azurite               | Clinohumite             | <b>Franklinfurnaceite</b> |
|                       | Clinozoisite            | Franklinite               |
|                       | Clintonite              | <b>Franklinphilite</b>    |
| Bakerite              | Conichalcite            | Friedelite                |
| Bannisterite          | Connellite              |                           |
| Bariopharmacosiderite | Copper                  | Gageite                   |
| Barite (IMA = baryte) | Corundum                | Gahnite                   |
| Barylite              | Covellite               | Galena                    |
| Barysilite            | Cryptomelane            | Ganomalite                |
| Bassanite             | Cummingtonite           | Ganophyllite              |
| Baumhauerite          | Cuprite                 | Genthelvite               |
| Bementite             | Cuprostibite            | Gersdorffite-P213         |
| Berthierite           | Cuspidine               | <b>Gerstmannite</b>       |
| Bianchite             |                         |                           |

Glaucochroite  
Glaucodot  
Goethite  
Gold  
Goldmanite  
Graeserite  
Graphite  
Greenockite  
Grossular  
Grouitite  
Grunerite  
Guérinite  
Gypsum

Haidingerite  
Halotrichite  
**Hardystonite**  
Hastingsite

**Hauckite**  
Hausmannite  
Hawleyite  
Hedenbergite  
Hedyphane  
Hellandite-(Y)  
Hematite  
Hemimorphite

**Hendricksite**  
Hercynite  
Hetaerolite  
Heulandite-Na  
Hexahydrite

**Hodgkinsonite**  
**Holdenite**  
Hübnerite  
Humite  
Hydrohetaerolite  
Hydrotalcite  
Hydrozincite

Illite\*  
Ilmenite

Jacobsite  
**Jarosewichite**  
Jerrygibbsite  
Johannsenite  
Johnbaumite  
Junitoite

Kaolinite  
Kentrolite  
**Kittatinnyite**

**Kolicite**  
Köttigite  
**Kraisslite**  
Kutnohorite

Larsenite  
Laumontite  
**Lawsonbauerite**  
Lead  
Legrandite  
Lennilapeite  
Leucophoenicite  
Linarite  
Liroconite  
Lizardite  
Löllingite  
Loseyite

Magnesiohornblende  
Magnesioriebeckite

**Magnesiochlorophoenicite**

Magnetite  
Magnussonite  
Malachite  
Manganberzeliite  
Manganohörnesite  
Manganhumite  
Manganite  
Manganocummingtonite  
Manganosite  
Marcasite  
Margarite  
Margarosanite  
Marialite  
Marsturite  
Mcallisterite

**Mcgovernite**  
Meionite  
Meta-ankoleite  
Metalodèveite  
Metazeunerite

Microcline  
Mimetite  
**Minehillite**  
Molybdenite  
Monazite-(Ce)  
Monohydrocalcite

**Mooreite**  
Muscovite

Nasonite

Natrolite  
**Nelenite**  
Neotocite  
Newberyite  
Niahite  
Nickeline  
Nontronite  
Norbergite

Ogdensburgite  
Ojuelaite  
Opal  
Orthoclase  
Orthoserpierite  
Otatite

**Parabrandtite**  
Paragonite  
Pararammelsbergite  
Pararealgar  
Parasymplesite  
Pargasite  
Pectolite  
Pennantite

**Petedunnite**  
Pharmacolite  
Pharmacosiderite  
Phlogopite  
Picropharmacolite  
Piemontite  
Powellite  
Prehnite  
Pumpellyite-(Mg)

Pyrite  
Pyroaurite  
Pyrobelonite  
Pyrochroite  
Pyrophanite  
Pyrosmalite-(Mn)  
Pyroxferroite  
Pyroxmangite  
Pyrrhotite

Quartz

Rammelsbergite  
Realgar  
Retzian-(La)  
Retzian-(Nd)  
Rhodochrosite  
Rhodonite  
Richterite

|                     |                        |            |
|---------------------|------------------------|------------|
| Roebingite          | Sulfur (IMA = sulphur) | Wurtzite   |
| Roméite             | Sussexite              |            |
| Rosasite            | Synadelphite           | Xonotlite  |
| Rouaite             | Synchysite-(Ce)        |            |
| Roweite             |                        | Yeatmanite |
| Rutile              | Talc                   | Yukonite   |
|                     | Tennantite             |            |
| Safflorite          | Tephroite              | Zincite    |
| <b>Samfowlerite</b> | Tetrahedrite           | Zinkenite  |
| Sarkinite           | Thomsonite-Ca          | Zircon     |
| Sauconite           | Thorite                | Znucalite  |
| Schallerite         | Thortveitite           |            |
| Scheelite           | Thorutite              |            |
| Schorl              | Tilasite               |            |
| <b>Sclarite</b>     | Titanite               |            |
| Scorodite           | Todorokite             |            |
| Seligmannite        | <b>Torreyite</b>       |            |
| Sepiolite           | Tremolite              |            |
| Serpierite          | Turneaureite           |            |
| Siderite            |                        |            |
| Sillimannite        | Uraninite              |            |
| Silver              | Uranophane-alpha       |            |
| Sjögrenite          | Uranospinite           |            |
| Skutterudite        | Uvite                  |            |
| Smithsonite         |                        |            |
| Sonolite            | Vesuvianite            |            |
| Spangolite          | Villyaellenite         |            |
| Spessartine         |                        |            |
| Sphalerite          |                        |            |
| Spinel              |                        |            |
| Starkeyite          | Wallkilldellite        |            |
| Sterlinghillite     | <b>Wawayandaite</b>    |            |
| Stibnite            | Wendwilsonite          |            |
| Stilbite-Ca         | Willemite              |            |
| Stilbite-Na         | Wollastonite           |            |
| Stilpnomelane       | Woodruffite            |            |
| Strontianite        | Wulfenite              |            |

\*Biotite -Further study is needed to determine which species in the mica group occur at Franklin & Sterling Hill.

\*Illite – Further study is needed to determine which species in the mica group occur at Franklin & Sterling Hill.

Total Mineral Species Identified = 357

Total Unique Minerals = 32 (**Bold Type**)

# Fluorescent Minerals of Franklin and Sterling Hill, N.J.

A 2009 CHECK-LIST BASED ON OBSERVATIONS BY RICHARD C. BOSTWICK

FL = fluoresces; PH = phosphoresces; SW=shortwave ultraviolet radiation (UVC);  
MW=midwave ultraviolet radiation (UVB); LW=longwave ultraviolet radiation (UVA).

The Franklin-Sterling Hill area has more fluorescent minerals than anywhere else on earth, and nothing is simple at this locality. This check-list is not a treatise, so the descriptions are condensed and simplified. The most common fluorescent response is listed first. The UV wavelength or wavelengths listed for a mineral are those under which its fluorescence is brightest; "FL red SW" means that the mineral typically fluoresces red in shortwave UV, but may fluoresce less brightly under MW and/or LW. (Uncommon but significant fluorescences are in parentheses.) Subtleties such as fluorescent hue, saturation, and intensity are usually not mentioned.

For assistance in identification, the minerals are listed by assemblage, in brackets: [FM] = Franklin Marble. [W] = weathering minerals. [O] = ore minerals. [V] = vein minerals. [C] = calcisilicates. [AC] = altered calcisilicates. Not all local minerals fit neatly into this scheme. {FO} = Franklin only; {SHO} = Sterling Hill only.

CAVEAT: while mineral fluorescence can be a powerful tool for mineral identification, it should be used in conjunction with other identification techniques. Misidentifications based on fluorescence alone are common.

**Albite:** FL red SW [C]

**Anorthite:** FL pale yellow SW; rare, associated with corundum [FM]

**Apatite-(CaF):** FL bright to weak orange, "peach" SW [O,C], FL blue MW [FM]

**Apophyllite-(KF):** FL, PH weak white SW [V]

**Apophyllite-(KOH):** FL, PH weak white SW; rare [V] {FO}

**Aragonite:** FL, PH white/cream" LW (FL green SW); [W]

**Axinite-(Mn):** FL orange-red to red SW, PH very weak [AC,V]

**Barylite:** FL violet SW, best seen under iron arc; rare [AC] {FO}

**Baryte:** FL bright "cream" SW (FL yellow SW, MW, LW, can also PH) [O,C,V]

**Bassanite:** FL, PH violet SW; rare. [V] {SHO}

**Bustamite:** FL cherry red LW. [C, AC]

**Cahnite:** FL, PH "cream" SW. [V] {FO}

**Calcite:** typically FL bright orange-red SW with brief red-orange PH (also FL white, "cream," yellow, orange, green, red, cherry red, blue, violet; can change FL with UV wavelength; often PH). [all assemblages]

**Canavesite:** FL, PH violet LW; rare [V] {SHO}

**Celestine:** FL, PH "cream" LW (FL violet SW) [V]

**Cerussite:** FL yellow LW [W]

**Chabazite:** FL green SW [V]

**Charlesite:** FL pale blue SW, usually coated with cream-FL gypsum [AC] {FO}

**Chondrodite:** FL yellow to orange-yellow to yellow-orange SW [FM]

**Chrysotile-2M:** FL "tan" (orange-yellow) SW [V] {FO}

**Clinohedrite:** FL, PH bright orange SW [V] {FO}

**Corundum:** FL cherry-red LW [FM]

**Cuspidine:** FL bright orange-yellow SW with brief orange-red PH; MW FL has violet tint. [AC] {FO}

**Datolite:** FL "cream" SW [AC,V] {FO}

**Diopside:** FL blue SW, FL pale yellow MW, LW [FM]

**Dolomite:** FL, PH red SW (in "crazy calcite") [O]

**Dundasite:** FL pale yellow SW, MW, LW; rare [W] {SHO}

**Dyppingite:** FL, PH blue SW, MW, LW [V]

**Epsomite:** FL "cream" LW, violet MW [W]

**Esperite:** FL bright lemon-yellow SW, weak PH [C] {FO}

**Fluoborite:** FL "cream" SW [FM, V]

**Fluorite:** typically FL, PH blue-green SW, MW, LW (can FL, PH white, pale yellow, greenish-yellow, green, violet-blue, blue-violet). [most assemblages]

**Genthelvite:** FL green LW, SW, MW, (rarely FL yellow to orange MW). [C, V]

**Guérinite:** FL, PH pale yellow Sw, MW, LW; rare [W] {SHO}

**Gypsum:** FL, PH white, pale yellow, blue SW, MW, LW [V,W]

**Hardystonite:** FL violet to violet-blue SW, MW, LW [C] {FO}

**Hedyphane:** FL "tan," "cream" SW, rarely bright orange SW [V] {FO}

**Hemimorphite:** FL, PH white to pale yellow SW, MW, LW, rarely FL green, blue [W]

**Hexahydrite:** FL, PH white SW, MW, LW [W] {SHO}

**Hodgkinsonite:** FL, weak cherry red MW, LW

**Humite:** FL pale yellow SW; rare [FM]  
**Hydrocalcite:** FL "cream" LW; rare [V] {FO}  
**Hydrozincite:** FL bright blue SW (can PH pale yellow, also FL yellow MW, LW) [W]  
**Johnbaumite:** FL bright to weak orange SW [C, V]  
**Junitoite:** FL pale yellow LW; rare [V] {FO}  
**Magnesiohornblende:** FL greenish-blue SW [FM]  
**Margarite:** FL weak white("gray") SW, MW, LW [FM]  
**Margarosanite:** FL bright blue, red SW; red, orange MW; weak red, orange LW [AC] {FO}  
**Marialite:** FL orange SW, pink LW; rare [FM]  
**Mcallisterite:** FL "cream" SW [W] {SHO}  
**Meionite:** FL pinkish red, orange-yellow SW, MW; FL orange-yellow LW [FM,C]  
**Meta-ankoleite:** FL green SW; rare [V] {SHO}  
**Metalodèveite:** FL green SW, rare [V] {SHO}  
**Microcline:** FL blue, red SW [C]  
**Minehillite:** FL violet-blue MW, weak violet SW, weak pale yellow LW [AC] {FO}  
**Monohydrocalcite:** FL green SW, PH white [W] {SHO}  
**Nasonite:** FL pale yellow SW, MW [AC] {FO}  
**Newberyite:** FL "cream" SW, rare [W] {SHO}  
**Norbergite:** FL bright to weak yellow SW, less bright MW [FM]  
**Pargasite:** FL greenish-blue SW [FM]  
**Pectolite:** FL, PH orange SW, less bright MW [AC] {FO}  
**Pharmacolite:** FL, PH white SW, MW, LW; rare [W] {SHO}  
**Phlogopite:** FL yellow SW [FM]  
**Picropharmacolite:** FL, PH white LW, rare [W] {SHO}  
**Powellite:** FL yellow SW, MW [C,W]  
**Prehnite:** FL variable orangeish pink SW [AC] {FO}  
**Quartz:** FL yellow, pale orange SW, MW; FL green SW [V]  
**Roebingite:** FL red SW with brief red-orange PH [AC] {FO}  
**Samfowlerite:** FL weak red SW; rare [V] {FO}  
**Scheelite:** FL orange-yellow, pale yellow SW, MW, (blue SW) [C,V,FM]  
**Smithsonite:** FL, PH pale yellow SW, MW, LW; rare [V,W]  
**Sphalerite:** FL, PH orange, blue, orange-yellow, yellow-orange, green LW, MW, SW [O, C, V]  
**Spinel:** FL cherry red LW [FM]  
**Starkeyite:** FL, PH white SW, MW, LW, rare [W] {SHO}  
**Strontianite:** FL violet SW; rare [V] {FO}  
**Talc:** FL yellow SW, MW, LW [V,O]  
**Thomsonite-Ca:** FL pale yellow SW; rare [AC] {FO}  
**Tilasite:** FL yellow SW; rare [V] {SHO}  
**Titanite:** FL yellow-orange SW [FM]  
**Tremolite:** FL blue SW (yellow LW) [FM]  
**Turneaureite:** FL bright orange SW [C] {FO}  
**Uranospinite:** FL green SW; rare [W] {SHO}  
**Uvite:** FL orange-yellow SW [FM]  
**Willemite:** typically FL bright yellowish green SW, with occasional vivid PH; also can FL green MW, LW.  
 More rarely FL, PH yellow, greenish yellow, orange-yellow, and (!) pale blue. [O, C, AC, V, W]  
**Wollastonite:** FL bright to moderate orange, yellow-orange, orange-yellow, yellow, best under SW; PH is  
 often "redder" than FL [C]  
**Xonotlite:** FL, PH violet SW, MW, LW [AC] {FO}  
**Zincite:** FL yellow LW, MW, SW [O, V]  
**Zircon:** FL orange SW, MW [C, FM]  
**Znucalite:** FL green SW, MW [W] {SHO}

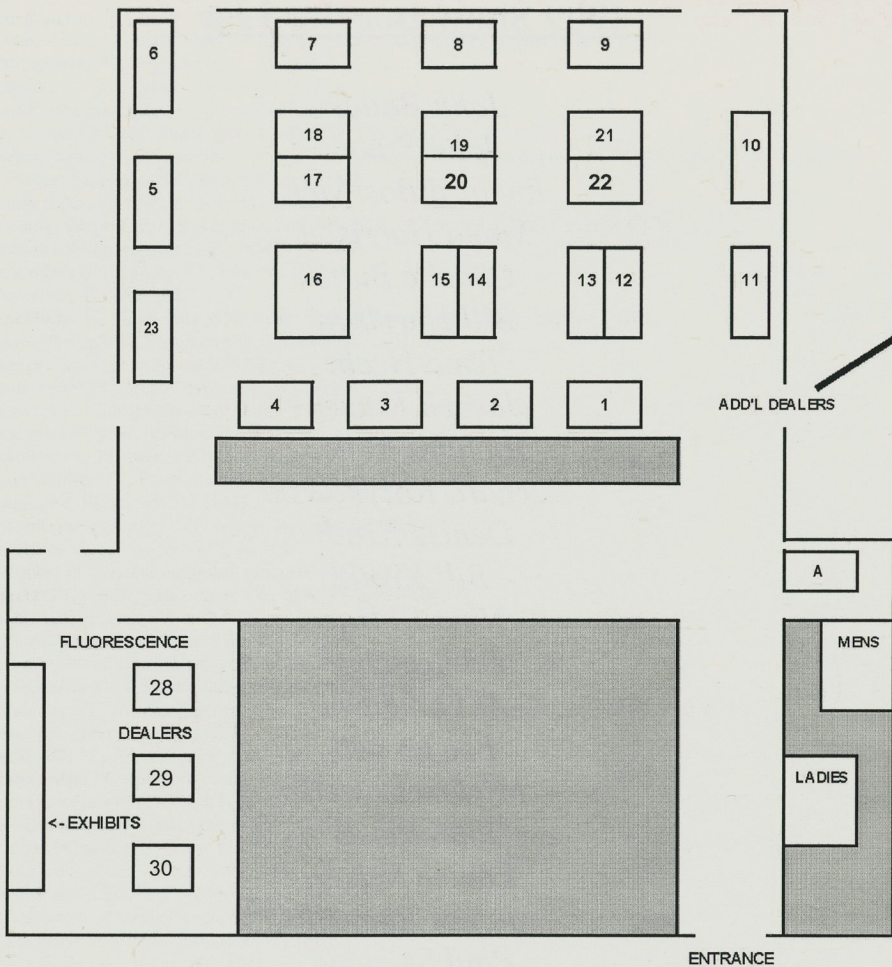
Notes on changes in mineral nomenclature:

Clinochrysotile is now chrysotile-2M  
 Fluorapatite is now apatite-(CaF)  
 Fluorapophyllite is now apophyllite-(KF)  
 Hydroxyapophyllite is now apophyllite-(KOH)  
 Manganaxiite is now axinite-(Mn)  
 Thomsonite is now thomsonite-Ca

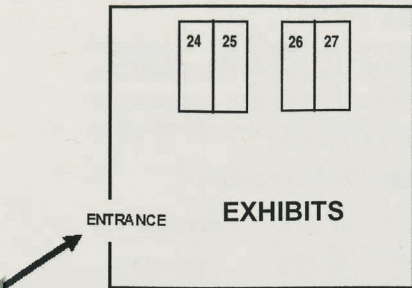


## 2009 Show Booster List

*John Bailey*  
*John Baum*  
*Richard Bostwick*  
*Mona Harrison*  
*Charlie Butts*  
*Bill Harrison*  
*Tema Hecht*  
*Joseph Kaiser*  
*Richard Keller*  
*Bernard Kozykowski*  
*Denise Kroth*  
*Bill Kroth*  
*Nina Kulsar*  
*Ed Letscher*  
*Al Lombardi*  
*Lee Lowell*  
*Miriam Lowell*  
*John Reiser*  
*Louise Reiser*  
*James Rumrill*  
*Paul Shizume*  
*Sarna Strome*  
*Franklin Tobey*  
*Bill Truran*  
*Earl Verbeek*  
*Anne Wronka*  
*Jim Wynd*  
*Fred Young*  
*Sharon Young*



A. Franklin Ogdensburg Mineralogical Society



- BOOTH #1      NATURES WINDOW • 610-373-1253
- BOOTH #2      DON MILLER FOSSILS • 302-474-8819
- BOOTH #3      ROUGH 'N TUMBLED • 973-838-0940
- BOOTH #4      EXCALIBUR MINERAL CORP. • 914-739-1134
- BOOTH #5      QUARRY ENTERPRISES • 201-768-9364
- BOOTH #6      EXOTIC RUSSIAN MINERALS • DMZVR@MAIL.RU
- BOOTH #7      CELINKA UNLIMITED INC. • 635-567-3342
- BOOTH #8      FOWLERS WIRE WRAPPING • 603-876-3304
- BOOTH #9      THE MINERAL CABINET • 908-464-7235
- BOOTH #10     ROCKO MINERALS • 845-586-3837
- BOOTH #11     ECCENTRICITIES • 518-797-5169
- BOOTH #12     KAINARO JEWELRY
- BOOTH #13     AMAZON IMPORTS • 800-888-GEMS
- BOOTH #14     K & S ENTERPRISES • 908-619-6107
- BOOTH #15     VERONICA MATTHEWS MINERALS • 800-284-2499
- BOOTH #16     STONETRUST • 860-693-9158
- BOOTH #17     AURORA MINERAL CORP. • 516-623-3800
- BOOTH #18     RAJ MINERALS INC. • 732-969-0782
- BOOTH #19     KHYBER GEMS & MINERALS • 845-454-4775
- BOOTH #20     JESSIES' GEMS • 413-667-8747
- BOOTH #21     ALLAN'S QUALITY MINERALS • 609-510-2470
- BOOTH #22     MOHAWK ENTERPRISES • 518-762-1338
- BOOTH #23     CHINA SOUTH SEAS INC
- BOOTH #24     GEMS ART STUDIO
- BOOTH #25     REGAL MINERALS • 718-261-8335
- BOOTH #26     GENE PAUL MINERALS • 201-391-9188
- BOOTH #27     GARY'S GEM GARDEN
- BOOTH #28     C.B. WARD FLUORESCENT MINERALS • 828-688-6901
- BOOTH #29     MINER SHOP • 615-536-5257
- BOOTH #30     FLUORESCENT CO OP • 973-962-9038

# Exhibitors of Fluorescent Minerals Franklin-Sterling Gem & Mineral Show, 2009

1. Franklin Mineral Museum, "*Franklin Classics*"
2. Sterling Hill Mining Museum, "*Franklin Miscellany*"
3. Peter Mackey, "*Franklin Favorites*"
4. Andrew Mackey, "*Fluorescent Finds*"
5. Steven Kuitems, "*Franklin Delights*"
6. Denis DeAngelis, "*Franklin Pastels*"
7. Claude Poli, "*Franklin Selections*"
8. Richard Keller, "*2009 Acquisitions*"
9. Pete and Chris Gillis, "*Local Classics*"
10. Pete and Chris Gillis, "*Apatite and Wollastonite*"

## DAYLIGHT EXHIBITS

|                              |   |
|------------------------------|---|
| <b>Dick &amp; Elna Hauck</b> | "25 Good Rocks"                             |
| <b>Bob Hauck</b>             | "Mining Stuff"                              |
| <b>Ray Latawicz</b>          | "A Miner Matter"                            |
| <b>Steven Phillips</b>       | "Franklin Copper"                           |
| <b>FMM</b>                   | "Classics"                                  |
| <b>John Kolic</b>            | "Classics From Franklin<br>& Sterling Hill" |
| <b>Steven Kuitems</b>        | "Franklin Classics"                         |

## Franklin Mineral Museum Membership

Please join us. The museum was established in 1964 dedicating itself to preserving and maintaining the mineralogy and mining heritage of the local area. In providing educational, and scientific research, the museum continues this today. With your help, the museum will continue for future generations.

You can make a difference.

|                                     |          |                                     |            |
|-------------------------------------|----------|-------------------------------------|------------|
| <input type="checkbox"/> Individual | \$15.00  | <input type="checkbox"/> Life       | \$500.00   |
| <input type="checkbox"/> Family     | \$25.00  | <input type="checkbox"/> Benefactor | \$1,000.00 |
| <input type="checkbox"/> Patron     | \$50.00  | <input type="checkbox"/> Sustaining | \$5,000.00 |
| <input type="checkbox"/> Supporting | \$100.00 |                                     |            |

Memberships renew on March 31 of every year

Yearly memberships include the following:

1. Personalized membership card
2. Museum newsletter, 2 issues per year
3. 10% discount in the gift shop, excludes consignment and monographs
4. Discounts on children's birthday parties
5. A special week of holiday shopping discounts, last week of November

Exhibit/collecting, and guest passes vary with each membership type as do membership benefits. Call the museum or check out the web site for details.

Collecting passes are not valid for special collecting events

Web: [www.franklinmineralmuseum.com](http://www.franklinmineralmuseum.com) • Email: [mineralinfo@earthlink.net](mailto:mineralinfo@earthlink.net)

---

Please complete this form and submit with payment

**Franklin Mineral Museum, 32 Evans Street, Franklin, NJ 07416**

Please print clearly

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Type of Membership \_\_\_\_\_

Amount Enclosed \_\_\_\_\_ CK or CC (please circle)

Card No. \_\_\_\_\_ Exp. \_\_\_\_\_

# Franklin-Ogdensburg Mineralogical Society, Inc.

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 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 to be paid by the 31<sup>st</sup> of January. A late fee of \$2.00 will apply.**

**Dues are \$20.00 for individual - \$25.00 for family membership**

**Make checks payable to FOMS**  
**Send payment with application to**  
**Denise Kroth**  
**240 Union Ave**  
**Woodridge, NJ 07075**

---

## MEMBERSHIP APPLICATION

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone(\_\_\_\_) \_\_\_\_\_ Fax(\_\_\_\_) \_\_\_\_\_

E-Mail \_\_\_\_\_

Individual \_\_\_\_\_  
Family \_\_\_\_\_ how many membership cards \_\_\_\_\_

## **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 is used for its stated purpose and not for general operations.

### **Present and Proposed Building Fund Projects:**

**New display cases** - for a \$1,500.00 donation a bronze plate will be mounted on a case with your name or dedication.

**Donations to either of these funds can be made out to the Franklin Mineral Museum and mailed to 32 Evans St., Franklin, New Jersey 07416**. Please indicate which of the funds the donation is for if you have a preference.

The trustees sincerely appreciate your support of 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.**

## *Buy A Souvenir*

*Buy a conversational piece, a paper weight  
and a memento of the  
50th Franklin-Sterling Show.*

*It is a piece of the exploration limestone drill core,  
1.25 billion years old.*

*On the face of the core,  
it has relief sculpture of a miner  
and a descriptive label in gold.*

*On sale at the door at the School  
and at the Mineral Museum*

---

# *The 53rd Annual F.O.M.S. Banquet and Auction*

***SATURDAY, SEPTEMBER 26, 2009***

**Time:** 6:30 PM Social Time  
7:00 Dinner Served

**Tickets:** \$18.00 per ticket admits one to all-you-can-eat buffet  
"American-Italian Style (BYOB)

**Auction:** Vandall King, Auctioneer

**Location:** Franklin Fire House  
137 Buckwheat Road, Franklin, NJ



# THE STORY OF ZINC MINING IN FRANKLIN, NJ

Franklin, NJ has had some of the greatest mineral deposits on planet Earth. Franklin has also contained some of the rarest specimens, and also the most variety. These ores have been mined since recorded history in the Western Hemisphere.

This is the story of that mining operation known the world over to geologists and mineralogists as *"The Fluorescent Mineral Capital of the World"*

## Franklin, NJ Mining for America

Fluorescent Mineral  
Capital of the World

Franklin, NJ Mining for America

William R. Truran

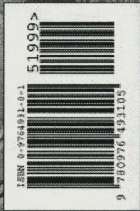


Complete description, with photos and words, of ZINC mining in Franklin, NJ!  
From underground drifts and blasting to the final products that helped make America great.

The book is available at the Franklin Mineral Museum and at the Sterling Hill Mining Museum or orders can be placed at [www.truran.com](http://www.truran.com)

A History of Franklin in Images and Words

William R. Truran



**MORTON  
HAHN INC.**  
*A NATURE PRODUCT*

30 ELM STREET  
ROCKAWAY, NEW JERSEY  
PHONE: 973-625-1764  
FAX: 973-625-5195  
E-MAIL: [MHAHN64368@AOL.COM](mailto:MHAHN64368@AOL.COM)

*SHELLS & FOSSILS  
MINERALS & AMETHYST  
TWIG PEN & PENCILS  
CEDAR & CACTUS RAINSTICKS  
WOODEN SNAKES & ANIMALS  
RAFFIA GIRAFFES  
BAMBOO FLUTES & BOOKENDS  
BUG IN A NUT LINE  
MINERAL & FOSSIL EGGS  
DINOSAUR PRODUCTS  
KITS & CARDED ITEMS  
INSECT & BUTTERFLY LINES  
RINGS, NECKLACES & OTHER JEWELRY  
PAKISTAN POTTERY  
GEODES & CHILDRENS ITEMS  
110 + TYPES TUMBLED STONES*

**STERLING HILL MINING MUSEUM**  
 30 PLANT STREET  
 OGDENSBURG, NJ 07439-1126



Welcome to  
**The Sterling Hill Mine**  
 in Ogdensburg, NJ

**UNDERGROUND MINE TOURS**

**PASSAIC & NOBLE PIT**  
**COLLECTING OPEN TO THE PUBLIC**  
 During the Franklin-Sterling Hill Mineral Show, Sept. 27, 2009  
**Open Sunday, 9 AM to 3 PM**  
 Admission: \$5.00 per person, \$1.50 per pound for anything taken

**STERLING HILL GARAGE SALE**

September 26th and 27th  
 Saturday and Sunday, from 10 AM to 3 PM



**MINE TOUR ADMISSION**

|                      |       |
|----------------------|-------|
| ADULT                | 10.00 |
| CHILDREN (UNDER 12)  | 7.50  |
| SENIOR CITIZEN (65+) | 9.00  |

**HOURS**

**OPEN 7 DAYS A WEEK**  
**HOURS 10 AM TO 3 PM**

**TOURS AT 1:00 PM DAILY**

**& OTHER TIMES BY CHANCE**  
**OR APPOINTMENT**  
**FROM APRIL 1 TO NOV. 30**

**MARCH AND DEC., WEEKENDS ONLY**  
**OTHER TIMES BY APPOINTMENT**

**JAN AND FEB., WEEKENDS ONLY**  
**OTHER TIMES BY APPOINTMENT**

**GROUP RATES AVAILABLE**

**For information call**  
**(973)209-7212**

**FAX 973-209-8505**

**www.sterlinghill.org**

**COLLECTING AVAILABLE**  
 7 Days A Week, April to Nov. 10 AM to 3 PM

# Franklin Mineral Museum

"Located in the Fluorescent Mineral Capitol of the World"

32 Evans Street

Franklin, Sussex County, New Jersey

The Museum features RARE and UNUSUAL MINERALS, world famous FLUORESCENT MINERALS, FOSSILS, ARTIFACTS, a MINE REPLICA, and hands-on ROCK COLLECTING on a 3.5 acre mine tailing dump.

← Picnic area & Gift Shop. →

## OPERATING SCHEDULE

March: Open weekends and by appointment

OPEN SEVEN DAYS

APRIL - NOVEMBER

M-F 10 - 4 SAT. 10-5 SUN 11-5

## SPECIAL EVENTS

May Appreciation Day

June Night Dig

September Gem Show

November Night Dig

check web page for dates

[FranklinMineralMuseum.com](http://FranklinMineralMuseum.com)

Nominal Admission Fees

Senior discounts, Group Rates

Book Early!

Tours and Collecting daily

**973-827-3481**