

GEM & MINERAL SHOW

2016

SATURDAY, SEPTEMBER 24th • 9-5 SUNDAY, SEPTEMBER 25th • 10-4



The Original Franklin
Mineral Show
Celebrating Its 60th
Anniversary

FRANKLIN, NEW JERSEY
The Fluorescent Mineral Capital of the World

A look back at the show's origins...



A distinguished crowd enjoys the mineral show at the Franklin Armory, October 9, 1965, the same day as the official opening of the Franklin Mineral Museum, which then was also a Kiwanis Club project.



The annual Franklin mineral show, which celebrates its 60th year in 2016, was started by the Franklin Kiwanis Club. This is the original Kiwanis exhibit of Franklin minerals, the "ground zero" of what would become the Franklin-Sterling Gem & Mineral Show.

MINERAL SPECIES FOUND AT FRANKLIN-STERLING HILL, NJ

Revised by the Mineral List Committee, August 2016 (fmm1954@earthlink.net)

Gageite - F (TL)

Gahnite - F,O

	Bementite – F (TL), O	Cuprostibite – F
Acanthite – F,O	Berthierite – O	Cuspidine – F
Actinolite – F,O	Bianchite – O	Cyanotrichite – O
Adamite – F,O	Birnessite – O	- J
Adelite – F,O	Bornite – F,O	Datolite – F
Aegirine – F,O	Bostwickite – F (TL)	Descloizite – O
Aegirine-augite – F	Brandtite – O	Devilline – O
Akrochordite – O	Breithauptite – F	Digenite – O
	Brochantite – F,O	Diopside – F,O
Albite – F,O		Diopside – F,O Djurleite – F,O
Allactite – F,O	Brookite – F	
Allanite-(Ce) – F	Brucite – F,O	Dolomite – F,O
Alleghanyite – F,O	Bultfonteinite – F	Domeykite – F
Almandine – F	Bustamite – F (TL), O	Dravite – F,O
Analcime – F		Duftite – O
Anandite – O	Cahnite – F (TL)	Dundasite – O
Anatase – F	Calcite – F,O	Dypingite – F,O
Andradite – F,O	Canavesite – O	
Anglesite – F,O	Carrollite– F	Edenite – F,O
Anhydrite – F,O	Caryopilite – F,O	Epidote – F,O
Annabergite – F	Celestine – F,O	Epsomite – O
Annite – O	Celsian – F	Erythrite – F,O
Anorthite $-F$,O	Cerussite – F,O	Esperite – F (TL)
Anorthoclase – F	Chabazite-Ca – F,O	Euchroite – O
Antigorite – F	Chalcocite – F,O	Eveite – O
Antlerite – F	Chalcophanite-F,O (TL)	
Aragonite – F,O	Chalcopyrite – F,O	Fayalite – F,O
Arakiite – F	Chamosite – F	Feitknechtite – F (TL)
Arsenic – O	Charlesite – F (TL)	Ferrimolybdite – O
Arseniosiderite – O	Chloritoid – F	Ferro-actinolite – F
Arsenolite – O	Chlorophoenicite–F (TL)	Ferrohornblende – O
Arsenopyrite – F,O	Chondrodite – F	Flinkite – F
Atacamite – F	Chrysocolla – F,O	Fluckite – O
Augite – F,O	Chrysotile – F,O	Fluoborite – F,O
Aurichalcite – F,O	Cianciulliite – F (TL)	Fluorapatite – F,O
Aurorite – O	Clinochlore – F,O	Fluorapophyllite-(K) – F,O
Austinite – F,O	Clinoclase – O	Fluorapophyllite-(Na) – F
Axinite-(Fe) – F	Clinohedrite – F (TL)	Fluorite – F,O
Axinite- $(Mn) - F(TL)$, O	Clinohumite – O	Fluorophlogopite – F,O
	Clinozoisite – O	Fluor-uvite – F (TL), O
Azurite – F,O		Forsterite – O
D.1. '4. F	Clintonite – F	
Bakerite – F	Conichalcite – O	Fraipontite – O
Bannisterite – F (TL)	Connellite – O	Franklinfurnaceite-(TL)
Bariopharmacosiderite – O	Copper – F,O	Franklinite – F (TL), O
Barite (IMA = baryte) $-$ F,O	Corundum – F,O	Franklinphilite – F (TL)
Barylite – F	Covellite – O	Friedelite – F,O
Barysilite – F	Cryptomelane – O	
Danasaita O	Cumminatanita 0	Coggita F (TI)

Cummingtonite - O

Cuprite - F,O

Bassanite - O

Baumhauerite - O

Galena – F,O
Ganomalite – F
Ganophyllite – F
Genthelvite – F,O
Gersdorffite – F
Gerstmannite – O (TL)
Glaucochroite – F (TL)
Glaucodot – F
Goethite – F,O
Gold – O
Goldmanite – O
Graeserite – O
Graphite – F,O
Greenockite – F,O
Grossular – F,O
Groutite – F
Grunerite – F
Guérinite – O
Gypsum – F,O
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Haidingerite – O
Haidingerite – O Halotrichite – O Hancockite–F(TL)
Haidingerite – O Halotrichite – O Hancockite–F(TL)
Haidingerite – O Halotrichite – O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hedyphane – F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hedyphane – F Hellandite-(Y) – F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F Heulandite-Na – O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F Heulandite-Na – O Hexahydrite – O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F Heulandite-Na – O Hexahydrite – O Hodgkinsonite –F(TL), O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F Heulandite-Na – O Hexahydrite – O Hodgkinsonite –F(TL), O Holdenite – F (TL), O
Haidingerite – O Halotrichite – O Hancockite–F(TL) Hardystonite – F (TL) Hastingsite – F,O Hauckite – O (TL), F Hausmannite – F Hawleyite – F,O Hedenbergite – F Hellandite-(Y) – F Hematite – F,O Hemimorphite – F,O Hendricksite – F (TL), O Hercynite – F,O Hetaerolite – O (TL), F Heulandite-Na – O Hexahydrite – O Hodgkinsonite –F(TL), O

Ilmenite – F

Jacobsite – F **Jarosewichite** – F (TL) Jarosite – F Jerrygibbsite – F (TL)

Hydrohetaerolite – O (TL)

Hydroxyapophyllite-(K)-F

Hydrotalcite - F,O

Hydrozincite - F.O

Johannsenite – F (TL) Johnbaumite – F (TL), O

Junitoite – F

Kaolinite – O Kentrolite – F **Kittatinnyite** – F (TL)

Kittatinnyite – F (TL) Kolicite – F,O (TL)

Köttigite – O

Kraisslite – O (TL) Kutnohorite – F,O

Larsenite – F (TL) Laumontite – O

Lavendulan – O Lawsonbauerite – O (TL)

Lead - F

Legrandite – O

Lennilenapeite – F (TL) Leucophoenicite – F (TL)

Linarite – O Liroconite – O

Lizardite – F Löllingite – F,O

Loseyite – F (TL)

Magnesiochlorophoenicite

F (TL)

Magnesio-hornblende – F,O Magnesio-riebeckite – F

Magnetite – F,O Magnussonite – O Malachite – F,O Manganberzeliite – F

Manganhumite – F Manganite – F

Manganocummingtonite - F,O

Manganohörnesite – O Manganosite – F

Manjiroite – O Marcasite – F

Margarite – F,O Margarosanite – F (TL)

Marialite – F Marsturite – F (TL)

Mcallisterite – O

Mcgovernite – O (TL)

Meionite – F,O Meta-ankoleite – O

Metalodèvite – O Metazeunerite – O

Microcline - F,O

Miguelromeroite - O (TL)

Minetite – F,O

Minehillite – F (TL) Molybdenite – F,O

Monazite-(Ce) – F Monohydrocalcite – O

Mooreite – O (TL) Muscovite – F.O

Nasonite – F (TL)

Natrolite – O

Nelenite – F (TL)

Neotocite – F,O Newberyite – O

Niahite – O

Nickeline – F

Nontronite – O

Norbergite – F,O

Ogdensburgite – O (TL)

Ojuelaite – O Opal – F,O

Orthoclase – F Orthoserpierite – O

Otavite – O

Parabrandtite – O (TL)

Paragonite – O Pararammelsbergite – F

Pararealgar – O

Parasymplesite – O

Pargasite – F Pectolite – F

Pennantite – F

Petedunnite - F (TL)

Pharmacolite - O

Pharmacosiderite – O

Phlogopite – O

Picropharmacolite – O

Piemontite – O

Pimelite – F.O Powellite – F.O

Prehnite – F

Pumpellyite-(Mg) – F

Pyrite – F,O

Pyroaurite – O Pyrobelonite – F

Pyrochroite-F,O

Pyromorphite – O

Pyrophanite - O

Pyrosmalite-(Mn) – O (TL)

Pyroxferroite – F Pyroxmangite – F,O

Pyrrhotite – F,O

Quartz - F,O

Rammelsbergite - F

Realgar - O

Retzian-(La) – O (TL)

Retzian-(Nd) – O (TL) Rhodochrosite – F,O

Rhodochrosite – F,O Rhodonite – F,O

Ribbeite – F

Richterite – F Roeblingite – F (TL)

Roméite¹– F

Rosasite – F,O

Rouaite – O (TL) Roweite – F (TL)

Rutile - F,O

Safflorite-F

Samfowlerite - F (TL)

Sarkinite – F,O

Sauconite – O

Schallerite – F (TL) Scheelite – F,O

Schorl – O

Sclarite – F (TL)

Scorodite – O

Seligmannite-O

Sepiolite – F

Serpierite - O

Siderite – F,O Sillimannite – O

Silver – F,O

Skutterudite – F

Smithsonite – F,O

Sonolite – O Spangolite – O

Spessartine – F,O

Sphalerite – F,O

Spinel – F,O

Starkeyite – O

Sterlinghillite – O (TL)

Stibnite – O Stilbite – O

Stilpnomelane-F

Strontianite – F

Sulfur (IMA = sulphur) – O

Sussexite – F (TL), O

Synadelphite – O

Synchysite-(Ce) – F Szaibélyite – O

Talc - F,O

Tennantite - F,O

Tenorite – F

Tephroite - O (TL), F

Tetrahedrite - O

Thomsonite-Ca – F,O

Thorite – F

Thortveitite-O

Thorutite – F

Tilasite - O

Titanite – F,O

Todorokite – F,O

Torreyite - O (TL)

Tremolite – F,O

Turneaureite – F (TL)

Uraninite – F,O

Uranophane – O Uranospinite – O

Vesuvianite – F,O

Wallkilldellite - O (TL)

Wawayandaite - F (TL)

Wendwilsonite (TL) – O

Willemite - F,O

Wolfanite – F,O Woodruffite – O (TL)

Wulfenite – O Wurtzite – O

Xonotlite- F

Yeatmanite – F (TL), O

Yukonite – O

Zincite - F (TL), O

Zinkenite – O Zircon – F,O

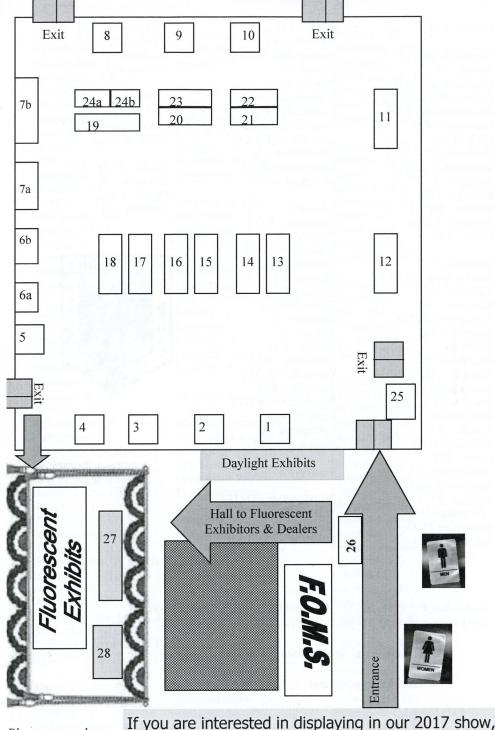
Znucalite - O



In this list F = Franklin, O = Ogdensburg, (TL) = type locality, **bold type** = mineral unique to the Franklin-Ogdensburg area.

Total Mineral Species Identified = 366

Total Unique Minerals = 19 (bold)



Please note: drawing is not to scale If you are interested in displaying in our 2017 show, please email pesolutions.minerals@gmail.com

Booth #	Dealer's Name	Booth #	Dealer's Name
1	AYS International, Inc.	15	Gary's Gem Garden
2	Alan's Quality Minerals	16	Gem Art Studio
3	Land of Crystals	П	Zembla Minerals & Fossils
4	Geosand	18	Raymond's Minerals
5	MKS Unlimited	19	Ana's Botanica
6a	Amber America	20	Crystal Dawn Gems
6b	Great Googly Moogly	21	Momma Wamma Jewelry
Та	Argentum Sales	22	Raj Minerals Inc.
7b	The Kyanite King	23	Jessie's Gems
8	Goldnik, Inc.	24a	Earth Treasures
9	Fowlers Wire Wrapping	24b	Amber J.E.N.
10	The Mineral Cabinet	25	China & South Seas, Inc.
11	Stonetrust	26	Gulf Jewelry House
12	Eccentricities	27	Gorginak
13	Exotic Minerals	28	Fluoresence
14	Amazon Imports		Take the Control of t

Franklin – Sterling Show Fluorescent Exhibits

Richard Bostwick - Exhibit Coordinator

1. Franklin Mineral Museum, I'm Feeling Blue

2. Sterling Hill Mining Museum, Wollastonite From Sterling Hill

3. Steven & Daniel Kuitems, Franklin Delights

- 4. Denis DeAngelis, Shortwave Sunshine
- 5. Claude Poli, Remembering Gerry: Specimens from the McLoughlin Collection
- 6. Alex Kerstanski, Extraordinary Esperites and More

7. Mark Dahlman, What's in Your Fireplace?

- 8. Len and Lenny Lee, I Spy, With My Little Eye...
- 9. Andrew K. Mackey, The Many Colors of Franklin and Ogdensburg
- 10. Howard Green, Fluorescent Minerals of Sweden: My Summer Vacation x 6
- 11. Pat Hintz, Swedish Fluorescents

Daylight Exhibits

Steven Misiur—Exhibit Coordinator

- 1. Dick and Elna Hauck, Zincite
- 2. Franklin Mineral Museum, Zincite
- 3. Mark Mayfield, Paintings and Minerals
- 4. Steven Kuitems, Franklin Classics
- 5. Steve Stanford, Attractive Pieces That Are Sill Instructive Part II
- 6. Mark Boyer, Williemite Classics

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

A 2016 CHECK-LIST BASED ON OBSERVATIONS OF CONFIRMED SPECIMENS By Richard Bostwick, with the assistance of

Earl Verbeek, Mark Boyer, Paul Shizume, Steven Kuitems, Richard Keller, Paul Carr and others.

FL = fluoresces; PH = phosphoresces; SW=shortwave ultraviolet radiation (UVC); MW=midwave ultraviolet radiation (UVB); LW=longwave ultraviolet radiation (UVA). BL=blue light, peaking at 445 nm.

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 idenfication, the minerals are listed by assemblage, in brackets: [FM] = Franklin Marble. [W] = W weathering minerals. [O] = W or minerals. [V] = W minerals. [C] = W calculates. 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]

Aragonite: FL, PH white/"cream" LW (FL green SW); [W] **Axinite-(Mn):** FL orange-red to red SW, PH very weak [AC,V]

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

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

Bassanite: FL, PH violet SW; rare. [V] {SHO} Bianchite: FL blue-white SW, weak PH 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: 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, W; rare [W] {SHO}

Dypingite: FL, PH blue SW, MW, LW [V]
Epsomite: FL violet MW,cream LW [W] [SHO]

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

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

Fluorapatite: FL bright to weak orange, "peach" SW [O,C], FL blue MW [FM]

Fluorapophyllite-(K): FL, PH weak white SW [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] Fluor-uvite: FL orange-vellow SW [FM]

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

Gerstmannite: FL weak olive green BL (SHO) Greenockite: FL cherry-red LW; rare [W] {FO} Guerinite: 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] {SH} Hodgkinsonite: FL cherry-red MW/LW [V] Holdenite: FL dull orange BL [V] Humite: FL pale yellow SW; rare [FM] Hydrotalcite: FL "cream" LW; rare [V] {FO} Hydroxyapophyllite-(K): FL, PH weak white SW; rare [V] {FO} Hydrozincite: FL bright blue SW (can PH pale yellow, also FL yellow MW, LW) [W] Johannsenite: FL orange BL [O] 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} Metalodèvite: 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] Opal: FL green SW [FM,O,C] 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} Pyromorphite: FL weak orange MW [W] Ouartz: FL yellow, pale orange SW, MW; FL green SW [V] Rhodonite: FL weak deep red SW, very rare [V] {FO} Roeblingite: 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: 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} 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] [AC] Xonotlite: FL, PH violet SW, MW, LW [AC] {FO}

Znucalite: FL green SW, MW [W] {SHO}

Mineral nomenclature in this fluorescent mineral check-list conforms to the 2016 list of local mineral species, compiled by the Mineral List Committee and included in this program.

Comments about the fluorescent mineral check-list can be e-mailed to rbostwick@att.net.

Zincite: FL yellow LW, MW, SW [O,V] Zircon: FL orange SW, MW [C, FM] The Franklin Mineral Museum board of trustees would like to thank everyone who helped produce this show for the 60th year. This is our once-a-year fundraiser that helps support the museum and continue our work.



Special Thanks to our 2016 Volunteers

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Tema Hecht

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Mark Dahiman

Advisory Council

Earl Verbeek, Ph. D., Curator

Steven Phillips, Sales

SATURDAY 9/23/17

&

SUNDAY 9/24/17

61st ANNUAL FRANKLIN-STERLING GEM & MINERAL SHOW



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

Individual	\$15.00
Family	\$25.00
Patron	\$50.00
Supporting	\$100.00
Life	\$500.00

Memberships renew on March 31 ever year.

Yearly memberships include the following:

- 1.Personalized membership card
- 2.Museum newsletter
- 3.10% discount in the gift shop, excluding consignment and monographs 4.Discounts on children's birthday
- 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.

Collecting passes are not valid for special collecting events.

To become a member, please send your name, address, phone number and type of membership to mineralinfo@earthlink.net or mail information along with payment to:

Franklin Mineral Museum 32 Evans Street Franklin, NJ 07415

Ouestions? Call 973-827-3481

Coming soon ...



Mineralogy of Franklin and Ogdensburg, New Jersey: A Photographic Celebration

An illustrated mineralogy book of as many of the Franklin District's minerals in full-color as could be recorded. The book will be hardcover, 8.5 x 11 inches, 500+ pages containing over 1200 images to include cabinet-sized specimens, micromounts, gems, fluorescent minerals and rare species. Numerous well-known collections locally as well as from across the USA and Europe will be represented by individual photographs. The chapters will chronicle mine locations, history of mining, history of the Franklin Mineral Museum, history of "The Fluorescent Mineral Capital of the World", a much detailed Franklin District mineral list and description of rock types, Parker Shaft Assemblage, detailed District fluorescent mineral list, A-Z gallery of fluorescent minerals, featured institutional collections, featured private collections, and the largest chapter will be the gallery of A-Z specimens.

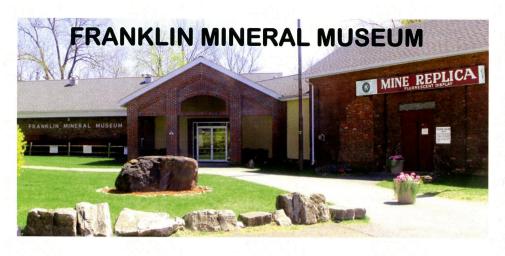
Something of interest for every collector!

A "color book" you will enjoy to own,

browse and display.

Books will be available for sale by The Franklin Mineral Museum.

Projected retail price will be \$125.00.



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 dump.

Our Gift Shop is stocked with hundreds of unique souvenirs and gift ideas for all occasions.



Please check out our website: www.franklinmineralmuseum.com Group Rates (Class trips etc.) Book Early!!!

Museum Hours:

March*- November Sat: 10:00 am - 5:00 pm Sun: 11:00 am - 5:00 pm

Mon - Fri: 10:00 am - 4:00 pm (March * weekdays by appointment only)

The Franklin Mineral Museum 32 Evans Street Franklin, New Jersey 07416 973-827-3481

