

All are invited to attend the monthly meeting of **Nittany Mineralogical Society**
Wednesday, Jan. 16, 2019 - Room 116 EESB, Penn State

Fluorescent Minerals of Pennsylvania

by James Van Fleet, Bucknell University

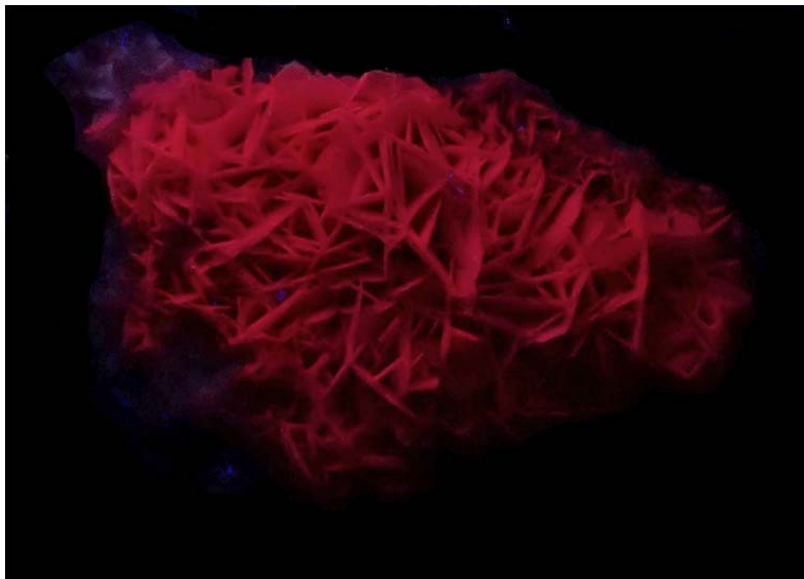
*Our January meeting will be held Wednesday the 16th in room 116 (the smaller auditorium) **Earth & Engineering Sciences Building** on the west side of the Penn State campus in State College, PA. Maps are available on our web site.*

*6:45 to 7:45 p.m.: **Social hour**, refreshments in the lobby.*

7:45 to 8:00 p.m.: announcements, questions, answers

*about 8:00 p.m.: **featured program***

*The event has free admission, free parking, and free refreshments, and is open to all; **parents/guardians must provide supervision of minors**. Bring your friends and share an interesting evening!*



Calcite "paper spathe" crystals under short-wave ultraviolet light, Kibblehouse Quarry, Perkiomenville, Pennsylvania

Fluorescence in mineral specimens is a phenomenon that is often overlooked by mineralogists, and even by field collectors and hobbyists. Mineral luminescence is sometimes useful in identification, and in prospecting, but its primary interest is the simple beauty and wonder of mineral specimens that respond to light in an unusual and unexpected way.

While mineral genesis, chemistry, or even a comprehensive review of mineral localities is beyond the scope of my presentation, I will provide a photographic review of luminescent mineral species from Pennsylvania, and specifically specimens that fluoresce under short wave or long wave ultraviolet light. Pennsylvania hosts a large number of fluorescent mineral species, in a wide variety of geologic settings. I will also introduce a new tool for detecting mineral fluorescence, which has proven to be especially effective at highlighting fluorescent minerals of Pennsylvania.

Please join us for this well-illustrated presentation!

See web site for any updates or changes:

www.nittanymineral.org