



Fluorescent Mineral Society

December 2001 Fact Sheet

The Fluorescent Mineral Society, Inc. (FMS) is an international organization of professional mineralogists, gemologists, amateur collectors, and others who study and collect fluorescent minerals. The society was founded in 1971 and incorporated in 1993.

PURPOSE:

❶ To share knowledge and experience in collecting, identifying, and displaying of fluorescent minerals as well as minerals displaying other forms of luminescence such as phosphorescence, triboluminescence, and thermoluminescence.

❷ To help organize seminars, research, displays, and exchanges of luminescent minerals, and to disseminate information about luminescent minerals.

❸ To encourage interests related to fluorescent minerals such as the photography of fluorescent minerals, the study of other luminescent minerals, and the various uses of ultraviolet lights.

PUBLICATIONS AND RESEARCH:



The FMS publishes a newsletter, the *UV Waves*, several times a year and the *Journal of the Fluorescent Mineral Society*, a technical publication, annually or biennially. In 1993 we also published our initial FMS Advertising Supplement with ads from UV light manufacturers and dealers in fluorescent minerals.

The FMS promotes displays of fluorescent minerals, and sponsors projects related to ultraviolet lights and fluorescent minerals. A recent accomplishment of the FMS was organizing the 76-case fluorescent mineral displays at the 1996 Tucson Gem & Mineral Show. This was by far the largest exhibit of fluorescent minerals ever in one place.

The results of one of our research activities was published in the 1988 proceedings of SPIE - The International Society for Optical Engineering. It is titled "Solarization of Short-Wave Ultraviolet-Transmitting, Visible-Absorbing Filters", by Don Newsome. *The Henkel Glossary of Fluorescent Minerals*, edited by Dr. Earl

Verbeek and Dr. Peter Modreski, was another project. It was published as a 1988-89 special issue of the *Journal of the Fluorescent Mineral Society*. All of the original 1000 copies have been distributed, so it has recently been reprinted.. There are at least four research projects under way : (1) development of a Standard for the long wave and medium wave UV tubes, (2) development of a Fluorescent Color Standard to compare with fluorescent specimens (both coordinated by Don Newsome), (3) research into activators that cause fluorescence in some minerals (coordinated by Manuel Robbins), and (4) editing and publishing of the most complete list of known fluorescent mineral locations and fluorescent colors, compiled by the late Dr. Gerhard Henkel.

MEMBERSHIP:



The FMS has 509 members in 46 states of the U.S.A. and 19 other countries. It has regional vice presidents in the Northeast, Northwest, Northern California, Southern California, Desert (Southwest), South Central, and Rocky Mountain sections of the U.S.A., as well as Europe and South Africa.

The registration fee for new FMS members is \$2.00 (U.S. \$3.00 for those outside the U.S.A.), plus yearly dues of \$15.00 for members in the U.S.A., U.S. \$23 for addresses outside the U.S.A..

MEETINGS:



Most interaction takes place through publications, letters, and e-mail. Informal meetings are held periodically by the different regional groups in the USA and abroad, and include meetings at mineral shows such as those at Denver, Tucson, and Franklin, NJ. Monthly meetings are held in Pasadena, CA by the officers to conduct the society's business.

For further information about the FMS, contact Dr. Rodney Burroughs, P.O. Box 572694, Tarzana, CA 91357, USA; or by Internet mail, president@uvminerals.org.

See our web site at <http://www.uvminerals.org>.