



# MICROMOUNTERS

## OF NEW ENGLAND

### NORTHEAST MEETING

Saturday, May 11, 1996

4-H Conference Center  
Ashland, Massachusetts

#### Program:

- 9:00 Registration and Informal Session  
12:00 Lunch  
1:00 Presentation

Microminerals from Selected Phosphate Localities  
by  
Daniel Behnke

- 2:00 Doorprize drawings  
4:00 Departure

---

President—Ralph Carr

Vice-President—Jim Clark

Secretary—Patricia Barker

Treasurer—Janet Cares

Newsletter Editor—

Mike Swanson

---

*Additional Information* \_\_\_\_\_

*Mrs. Janet Cares, 18 Singletary Lane, Sudbury, Massachusetts, 01776, (508) 443-9180*

GUEST SPEAKER:

Daniel W. Behnke  
2981 Landwehr Road  
Northbrook, Illinois 60062

Dan is known to micromounters for his excellent photographs of microminerals which have appeared in such publications as Quintin Wight's *Complete Book of Micromounting*, the second edition of the *Encyclopedia of Minerals* of Roberts et. al., and in such periodicals as the *Mineralogical Record*, *Rocks & Minerals*, *Earth Sciences*, and *Mineralien Welt*. He is an associate photographer for both *Mineralogical Record* and *Rocks & Minerals*.

He first began collecting and photographing micros in 1973, and now has a collection of more than 11,000 specimens representing over 750 species. Originally he photographed his specimens through the microscope, but soon switched to the use of bellows, which he prefers. His methods are set forth in "Photomacrography of Microminerals" in the November/December 1991 issue of the *Mineralogical Record*. In the same journal (July/August, 1983) he authored an article on the minerals of Michigan's Upper Peninsula, illustrated with his own photographs. He was the subject of an interview by Tom Rosemeyer in Tom's column "Through the Scope," in *Rocks & Minerals*, March/April 1991. He has served as the micromount chairman of the Midwest Federation and as chairman of the micromount study group of the Earth Science club of Northern Illinois (ESCONI).

After retiring from an executive position with the State of Illinois, Dan owned and operated a used/out-of-print bookstore in Chicago. He closed the store in 1995, but continues to deal in used books of all kinds, mainly through book fairs and limited mail order.

His wife, Esther, collects larger minerals, but concentrates on thumbnails. The Behnkes have three children, four grandchildren, and four "granddogs." They have resided in the Chicago area for their entire lives.

## A BIBLIOGRAPHY OF SELECTED PHOSPHATE LOCALITIES

These localities were chosen because of their special interest to micromounters. References are confined to publications readily available to MMNE members

### CLEAR SPRINGS MINE, Bartow, Florida

Denicourt, R. 1984. Mineral collecting in Florida. *MMNE Northeast Meeting Program Book*, pp. 12-13

### EMMONS QUARRY, Greenwood, Maine

Bearss, G. T. 1993. Emmons (Uncle Tom Mountain) Quarry. *Best of MMNE*, pp. 70-77 (MMNE Newsletters #138-143)

### FOOTE MINE, King's Mountain, North Carolina

Hanahan, J. 1985. The Foote Quarry. *Rocks & Minerals*. 60:76-82

Marble, L. and J. Hanahan. 1978. The Foote Minerals. *Rocks & Minerals*. 53:158-173

*MMNE Northeast Meeting Program Book*. 1991. Minerals of the Foote Mine, p. 18.

### INDIAN MOUNTAIN, Alabama

Barwood, H. L. 1983. Phosphate minerals of Alabama. *Rocks & Minerals*. 58:56-63

Jennings, G. B. Jr. and C. L. Hollabaugh. 1989. Phosphate Minerals of the Indian Mountain area. *Mineralogical Record*. 20:355-362

### NEWRY, MINE, Newry, Maine

Janules, R. 1993. Crandallite At Newry. *Best of MMNE*, p. 26 (MMNE Newsletter #156)

King, V. T. 1982. Tips on collecting microminerals at Newry, Maine. *MMNE Northeast Meeting Program Book*, p. 10

King, V. T. 1975. Newry, Maine, a pegmatite phosphate locality. *Mineralogical Record*. 6:189-204

### PALERMO NO. 1 PEGMATITE, Groton, New Hampshire

Dallaire, D. and R. Whitmore. 1990. Mines and Minerals of North Groton, New Hampshire. *Rocks & Minerals*. 65:350-360

George, G. 1993. Palermo. *Best of MMNE* pp. 64-67 (MMNE Newsletters #4-6)

*MMNE Northeast Meeting Program Book*. 1983. Type locality minerals—Palermo, p. 14

Segeler, C. et al. 1981. Phosphate minerals of the Palermo no. 1 pegmatite. *Rocks & Minerals*. 56:197-214

Whitmore, R. 1982. Phosphates in quartz. *MMNE Northeast Meeting Program Book*, p. 9

### PARKER MOUNTAIN (BUZZO) MINE, Strafford, New Hampshire

Morong, D. 1993. Parker Mountain. *Best of MMNE*, p. 68. (MMNE Newsletter #108A)

### TIP TOP PEGMATITE, Custer, South Dakota

Campbell, T. J. and W. L. Roberts. 1986. Phosphate minerals from the Tip Top Mine. *Mineralogical Record*. 17:237-254

*MMNE Northeast Meeting Program Book*. 1988. Phosphate minerals of the Tip Top pegmatite, p. 18

Roberts, W. L. et al. 1983. Red montgomeryite and associated minerals from the Tip Top pegmatite. *Mineralogical Record*. 14:195-197

### VESUVIUS, Virginia

Barwood, H. L. and L. W. Zelazny. 1982. Phosphate minerals in the Vesuvius, Virginia area. *Rocks & Minerals*. 57:20-22

THANKS——are due to many people for their help in making this meeting a success. It would be impossible to list everyone who contributed, so only those responsible for the various aspects are named here. Others will be credited in the Newsletter.

Margaret Stewart—Registrar

Edna Lerer—Sales and door prizes

Steve Cares—Specimen giveaways

Marilyn Dodge—Donor of framed mineral photos for drawing

Pat Barker and the Stewarts—Refreshments

Janet Cares—Souvenir Program Editor

Shelley Monaghan—Computer Graphics

All others who contributed time, specimens, food, or talent

