



**Diamond Dan
Publications**

Mineral Collector's Academy

Presented by Darryl Powell

*B.S. Geological Sciences (University of Rochester, Rochester, NY, 1984),
Author/Illustrator, Mineralogist, Mineral Collector (50+ years)*

- 1. Building a Collection (4 Sessions) \$150**
 - a. You are a Curator; What is your Philosophy of collecting
 - b. What to collect?
 1. Micro, TN, Hand, Cabinet
 2. Aesthetics
 3. "Perfection"
 - c. How to collect:
 - a. Field collecting
 - b. Trading
 - c. Silver pick
 - d. Record keeping, numbering
 - e. Labels
 - f. Storage
 - g. Long-term plan: "The Bagpipe Plan"

- 2. Mineral Names (2 Sessions) \$75**
 - a. How minerals were named
 - b. How minerals are named today
 - c. "Grandfathered" names
 - d. Named after places
 - e. Named after people
 - f. Named after chemical and physical properties

- 3. Crystallography (5 Sessions) \$175**
 - a. Introduction to Crystal Systems & Crystallography History
 - b. Isometric
 - c. Hexagonal
 - d. Rhombohedral
 - e. Tetragonal
 - f. Orthorhombic
 - g. Monoclinic

- h. Triclinic**
- I. Twinned crystals**

4. Important Mineral Collectors (Historic) (4 Sessions) \$150

- a. Overview**
- b. James D. Dana & Edward S. Dana**
- c. W.W. Jefferis**
- d. Clarence S. Bement**
- e. George F. Kunz**
- f. George L. English**
- g. J. P. Morgan**
- h. Henrietta Clive**
- I. Mineral Labels**

5. Mineral Oddities: Mineral Pranks (3 Sessions) \$100

- a. Pseudomorphs**
- b. Botryoidal**
- c. Ram's Horn Selenite**
- d. Twinned Crystals**
- e. Coralloid**
- f. Star Mica**
- g. Kidney Ore**

6. Mineral Books (3 Sessions) \$100

- a. Must Haves**
 - 1. A good field book: Peterson's Field Guide; Golden Guide, etc.**
 - 2. Good picture books**
- b. Classics**
 - 1. Dana's System of Mineralogy**
 - 2. Dana's Manual of Mineralogy**
 - 3.**
- c. Regional Mineralogy**
- d. Magazines**
 - 1. Rock & Gem**
 - 2. Rocks & Minerals**
 - 3. Mineralogical Record**
- e. The World of Antique Mineralogy Books**

7. Physical Properties or How Are Minerals Identified? (3 Sessions) \$100

- a. Friederich Mohs and the Hardness Scale**
- b. Philip von Jolly, the Jolly Balance and Specific Gravity**
- c. Color, Streak & Luster**
- d. Cleavage & Fracture**
- e. Chemical Formula**
 - 1. Chemical Groups**
 - 2. Variations**

TOTAL Cost: \$750 for all classes, a la carte.

TOTAL Full Academy Cost: \$500

In addition to the courses, all students will receive:

Crystals & Crystal Forms (eBook)

PDF Package of Catalog Pages

Format Details for Specimen Labels (DP will create a master sheet for each participant)

PDF of “Building a Mineral Collection” Book

Diamond Dan Pin Button and Mineral Collector’s Academy Pin

Mineral Collector’s Academy Certificate

10% Discount on Diamond Dan publications

A 1-year subscription to “Mini Miners Monthly,” the only eMagazine for mineral collectors.

(Total Value: \$90)

The first group of students will receive a 50% tuition discount for purchasing access to all 7 topics. Your cost will be \$250. Future groups will pay full price.