

Mineral of the Month Club



June 2016

Featured Mineral Fluorapatite

Our June Mineral of the Month is fluorapatite, or calcium fluorophosphate, from the Cerro de Mercado iron mine near the city of Durango in the state of Durango, Mexico. Cerro de Mercado, an important source of iron for the past 110 years, is also a classic locality for fluorapatite. Our specimens consist of yellow, terminated, transparent-to-translucent, hexagonal prisms atop a complex matrix of altered limestone, hematite, and calcite. Hematite is present in both a red, particulate form and a black, crystalline form. Some of the black hematite is pseudomorphic hematite-after-magnetite and exhibits the octahedral shape of the original magnetite crystals. The calcite is of relatively recent origin and appears as a crusty, white coating.

Our Platinum Level specimens of fluorapatite are divided into three groups. In all groups, our specimens consist of well-developed, terminated, hexagonal prisms with a distinctive yellow color atop a complex matrix. The specimens in each group vary primarily in the size of the individual fluorapatite crystals, and in the degrees of transparency and crystal development.

To select your Platinum Level specimen, please call or email Christine, Monday through Friday to discuss the specimen that best suits your preferences.

As always, thanks to all our members for making the Mineral of the Month Club what it is today!

Dimitri, Mary, Christine, and Lora

Featured Mineral Fluorapatite

Group 1



Size : 1.5" x 1.5" to 5" x 6" x 4"
Price range: \$40.00- \$340.00

The fluorapatite crystals vary in transparency from translucent to sub-transparent, with the crystal size ranging in length from a quarter inch to a half inch.

Featured Mineral Fluorapatite

Group 2



Size : 2" x 2" to 4" x 5" x 4"
Price range: \$50.00- \$190.00

These specimens range in length from about one-half inch to one inch, the fluorapatite crystals in this group are larger and better developed than those in Group 1, with sharp edges, perfect terminations, and glassy faces. These fluorapatite crystals are generally sub-transparent.

Featured Mineral

Fluorapatite

Group 3



Size : 1.0" x 1.5" to 2.5" x 2.5" x 2.5"

Price range: \$45.00- \$95.00

In size and crystal development, the specimens in this group are generally similar to those in Group 2, but they have an exceptional degree of transparency that refracts light to best display their distinctive, yellow color.

These specimens exhibit all the classic characteristics of Cerro de Mercado fluorapatite.

Further Information

Coming in August



Almandine Garnet in matrix

We love to hear from our members, so please call or email anytime!

Discounts available: If you order 4 or more minerals from the Featured Mineral letter and/or the Offering sheet you will receive a 10% discount on your mineral purchase.

Ordering: To place an order you can call #800-941-5594 or email christine@celestialearthminerals.com

Shipping: As always, shipping is free on all orders over \$100.00 shipping in the United States.

Specimen size: All our specimens are approximate in size.

Method of payment: We accept, Visa, MasterCard, American Express, Discover, PayPal and checks.

Please make checks payable to Celestial Earth Stones.

