

Mineral of the Month Club



Featured Mineral- Calcite

March 2015

Our featured mineral this month is the very attractive, crystalline variety of yellow calcite from the Elk Creek locality in Meade County, South Dakota. In addition to the yellow calcite specimens we have available composite specimens that are considered the most desirable and valuable specimens from the Elk Creek locality that consist not only of yellow calcite, but also of gemmy, transparent, well-formed crystals of barite, that vary in color from golden amber to a deeper root beer. This barite occurs as stubby-to-elongated prisms of transparent barite lying atop a matrix of translucent, yellow calcite. These barite crystals are terminated in a tapered chisel-point habit. Because these crystals form in large boulder-sized septarian modules it is extremely hard to find specimens with no imperfections. These composite specimens of calcite and barite represent a very unusual mineralogical association as well as an interesting color combination.

Commercial collectors estimate that, at the Elk Creek locality, only one in every 40 or 50 concretions filled with crystals of yellow calcite also contain crystals of barite. We were able to acquire only a limited number of these composite calcite-barite specimens and have picked the best quality we could find.

As you will see in groups 1, 2 and 3 on the following pages, our composite calcite-barite specimens vary in the size and number of barite crystals associated with the yellow calcite crystals. We also have some calcite crystals available that we added to group 1. We look forward to providing you with just the right calcite-barite composite specimen for you.

As always we thank you for being a part of the Mineral of the Month Club Community!

Please email or call Christine to place your orders at christine@celestialearthminerals.com, phone #800-941-5594.

Many Blessings,

Dimitri, Mary, Christine, and Lora

Featured Mineral

Calcite & Barite

Group 1



Calcite and Barite - Specimen Sizes: 2.5" x 3.75" to 3" x 4" Price range: \$140.00 - \$200.00

The barite crystals measure approximately .25" x .5"

Calcite – Specimen sizes: .5" x 2" to 3" x 4" Price ranges: \$30.00 to \$35.00

Featured Mineral

Calcite & Barite

Group 2



Specimen Sizes: 3" x 3" to 2.5" x 5" Price range: \$120.00 - \$225.00

This group has amber colored barite crystals that are approximately .25" x .5" that are sprinkled through out the calcite.

Featured Mineral

Calcite

Group 3



Specimen Sizes: 4" x 4" to 4" x 6" Price range: \$225.00 to \$450.00

This group has deeper colored root beer barite crystals that measure approximately
.25" x.5" to .25" x 2"

Further Information

Coming in April



The featured mineral in April will be a composite of gyrolite and apophyllite-(KF). Composite specimens consist of two or more minerals that are more-or-less equally prominent. Our specimens of gyrolite and apophyllite-(KF) provide a fine opportunity for a side-by-side comparison of the physical properties of these two minerals. The gyrolite forms translucent, white spherules and nodular aggregates of radiating, lamellar, internal crystals that contrast nicely with the well-developed, colorless, transparent apophyllite-(KF) crystals. Gyrolite, a mineral we have never featured before, will serve as the primary mineral in our upcoming write-up.

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 christlne@celestialearthminerals.com

Shipping: As always, shipping is free 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.

