

HUI PŌHAKU 'O HAWAII

Rock & Mineral Society of Hawai'i, Inc.



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DRUSY

Drusy literally means “covered by a large number of minute crystals”. The term Drusy has often been misspelled as Druzy, Druse, or Druzie(s), but they all refer to the same thing. Whether the crystals appear on the surface of the mineral or are recessed into a crevice the result is the same: a stunning gemstone.

It is formed by ground water, carrying dissolved silica, having been forced into a porous area of the rock, rapidly cooling, causing the formation of tiny crystals on the surfaces or in cavities of the rock. The clear crystals often form on top of previously deposited minerals. This is called a Drusy.

Rainbow Pyrite

Rainbow pyrite has a startling array of bright golds, brassy coppers, blues, greens and rose hues. Found along the banks of the Volga River in central Russia, rainbow pyrite is collected during the summer when the riverbanks are least muddy.

Cobalto Calcite

this cobalt carbonate, is also known as Sphaerocobaltite, was discovered in Zaire, Africa, in the mid 1990's. The presence of the cobalt in the calcite produces the pink coloration. Cobalto Calcite is found as crusts and small crystals in many of the cobalt ore locations around the world, but it is the mines of Shaba, Zaire that have produced the most outstanding specimens. Some specimens are draped with acicular dark green malachite crusts and the combination makes for a very colorful specimen.



Cobalto Calcite, Conco

Uvarovite Garnet

The rarest of the three green garnets (Tsavorite and Demantoid being the other two). Uvarovite Drusy is the classic chrome green, but with the highest refractive index of all the garnets. Uvarovite forms rounded crystals with 12 rhombic or 24 trapezoidal faces, or combinations of these and some other forms. Uvarovite is formed from the metamorphism of impure siliceous limestones with some other rocks that contain chromium. Found around Sarany in the Ural Mountains region of Russia, Uvarovite was named after the Russian Count Uvarov of the mid 1800's. It is also found in Finland, South Africa, and California.



Uvarovite Garnet, Russia

MEETING

Wednesday

January 23,, 2008

7:00—9:00 pm

Makiki District

Park

“Drusy Minerals”

NEXT MONTH

Wednesday

February 27, 2008

“China Minerals”

LAPIDARY

Classes on Thurs-

day

Evenings

7:00—9:00 pm

MEMBERSHIP

COSTS

2008

Single: \$10.00

Family: \$15.00