

Discover Minerals

Traveling Through Geologic History One Rock at a Time!

Volume 1 Issue 1

www.discover-minerals.com

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Features

Mine of the Month

Yellow Pine

(Goodsprings District, NV)

One of the largest mines in Clark County, in which the Goodsprings District lies, the Yellow Pine was located in 1892, and typifies the lead-zinc deposits in the district.

Element of the Month

Zinc

With 30 protons in its nucleus, it is the first element of Group 12 on the Periodic table, and the 24th most abundant element in the Earth's crust. But its propensity to form beautiful secondary minerals is what makes it of particular interest to collectors.

Mineral Showcase

Hydrozincite



DM Field Trips

Red Rock Canyon NCA

Just a short drive to the western edge of the Las Vegas Valley at the base of the Spring Mountain Range reveals the popular natural wonder of the Red Rock Canyon National Conservation Area.

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Why Do We Collect?

For as long as humans have been collecting memories to measure our time on Earth, we have also collected...*things*. It is as much a part of our nature as our need to remain connected to our past, present, and future.

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The BIG Four

Alteration of the four primary base-metal sulfide minerals (pyrite, galena, sphalerite, and chalcopyrite) leads to an enormous suite of minerals that are favorites of mineral collectors the world over. How do these secondary minerals form, and under what conditions?

The BIG FOUR



Pyrite



Chalcopyrite



Galena



Sphalerite