

Mineral Spotlight: Conichalcite

This week's Mineral of the week is conichalcite! It is an arsenate mineral that takes on various shades of green. Typically, the crystals are found in a botryoidal form or as reniform crusts. Conichalcite occurs at copper deposits in the oxidation zone. Oftentimes, it is found associated with several other varieties of copper-related minerals such as smithsonite and malachite. The deposits of conichalcite themselves form from oxygen enriched groundwater reacting with copper sulfides and oxides.

Common localities for conichalcite in the United States include Utah, Arizona, and Nevada. It's also frequently found in Namibia and Mexico.

This feature was created by curator Andrew Mulder and posted on Dice Museum social media on 2/27/2023

