
HUI PŌHAKU 'Ō HAWAII

Rock & Mineral Society of Hawai'i, Inc.



P.O. Box 23020 Honolulu, Hawaii 96823-3020
www.rockandmineralsocietyofhawaii.org

Zoom Meeting

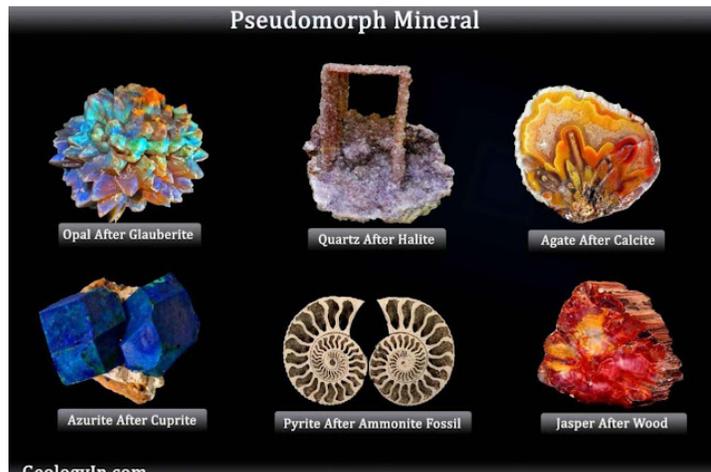
Date : July 27, 2022

Start Time - 6:15 P.M.

Meeting will be held in person at the Makiki Admin Bldg.

Topic of the Month (July)

Pseudomorphs



The word Pseudomorph literally means “ false form”. Mineral specimens with complex compounds creates a formation process of substituting or replacing over an existing mineral specimen.

Pseudomorph specimens are often defined by the process of how it was created which can vary through a wide range of environments that that will mimic or exhibit traits of another compound. These formations can be complex, diverse and most interesting to collectors.

To make things less complicated Pseudomorph specimens are often labeled “**after**”, by the process of how it was created into three different categories being substitution, encrustation or alteration.

Board of Directors

2021 - 2022

President - Matthew Martin

Vice President - Jon Bly

V.P Lapidary - Dean Sakabe

Treasurer - Debbie Iijima

Secretary - Blair Ishitani

1 Year Officer - Eric DeCarlo

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3 Year Officer - TerriLea Burnett

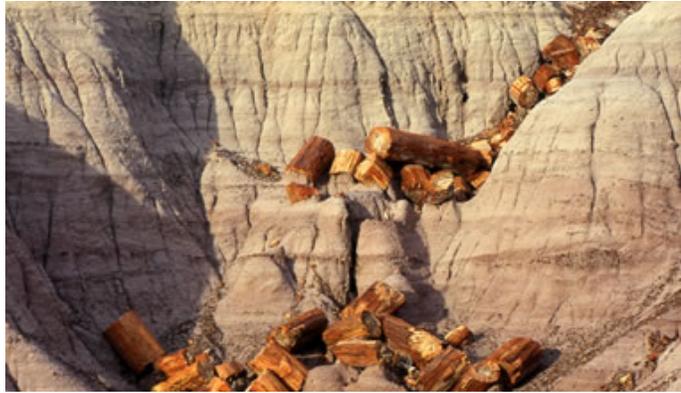
3 Year Officer - Roger Kwok

Business Notes from Zoom Meeting on June 22, 2022

1. Meeting Start 6:17 P.M.
2. Treasury reports as of 5/31/2022 \$3,770 checking, \$148 cash.
3. Total of 10 Zoom members participating.
- 4. In person meeting will be held at the Makiki Admin Bldg for July.**
5. Matthew will look into trying to have our meeting via Zoom hybrid for our out of town members.
6. Meeting end - 7:05 P.M.

7. August Meeting Topic

Peridot / Olivine



Petrified Forest National Park

Located in Holbrook, Arizona is the most famous locality for observing petrified wood in the world. This area believed to be 225 - 250 million years old as once a dense tropical forest that was devastated through floods and volcanic activity.

This area of 346 square miles was designated as a U.S. National Park in 1962. The park is filled with fossils from plants and animals but most importantly its display of trees that has been petrified and its desert climate revealing its geological wonders giving it the name Painted Desert.

Petrified wood formed from rich silica groundwater from volcanic ash creating quartz crystals that replaced all organic matter

It is illegal to take any treasures within the park but not enforced. However much like lava that is taken from Hawaii, it is believed that bad luck has happened to those who have done so since the area is considered to be on sacred land between the Apache and Navajo tribes.

There is a designated area where these stolen rocks have been sent back.



Copper Queen Mine

Probably one of the most collected and highly prized pseudomorph specimens of Azurite and Malachite combinations came from the Copper Queen Mine in Bisbee, Arizona.

For almost 100 years 1875 - 1975 , this area has produced the largest mining valuations in the world.

1. Over 8 billion pounds of Copper
2. Over 2.8 million ounces of Gold
3. Over 77 billion ounces of Silver
4. Over 300 million pounds each of Lead and Zinc.

Currently , there is a visitor center and an underground mine available.



Malachite after Azurite, Copper Queen Mine,
Bisbee, Arizona

