
HUI PŌHAKU 'O HAWAII

Rock & Mineral Society of Hawai'i, Inc.



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

Rock and Mineral Monthly Club Meeting

Date : October 25, 2023

Start Time - 6:15 P.M.

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

**Topic of the Month for
October**

**Black Minerals /
Gemstones / Jewelry**

Upcoming topics selected

**November - Orange and
Yellow Minerals,
Gemstones, Jewelry**

**December - Christmas
Party**

Black minerals are most commonly colored black due to the presence of iron, manganese and graphite. The major categories that affect the black color of minerals are determined by the following natural events.

1. The presence of an element essential to the mineral composition.
2. The presence of a minor chemical impurity
3. Physical defects in the crystal structure.
4. The mixture of very fine impurities through weathering processes.
5. The presence of finely spaced structures within the mineral.

Hematite and Magnetite is the most common black sedimentary minerals due to its presence of iron oxides.

Calcite normally colorless may be colored black by carbon or a high content of aluminum.

Mica which forms sheetlike black crystals are composed of varying amounts of potassium, magnesium, iron, aluminum and silica.



Feberite occurs as black, fine grained blocky masses as well as slender prismatic crystals. It is also an important ore of tungsten.

Highly desired specimens are from the Yaogangxian Mine in Hunan, China.

Board of Directors 2023

President - Matthew Martin

Vice President - Jon Bly

V.P Lapidary - Dean Sakabe

Treasurer - Debbie Iijima

Secretary - Blair Ishitani

1 Year Officer - Markus Faigle

2 Year Officer - Teresa Hirscher

3 Year Officer - Eric DeCarlo

3 Year Officer - Roger Kwok

Business Notes from meeting on September 27, 2023

1. Meeting Start 6:30 P.M. - conducted by Matt Martin
2. Total of 23 members in attendance.
3. Treasury report announced
4. Board of Director's nominations taken for 2024. Voting will be done at Octobers Meeting.
5. Upcoming show details for advertising briefly discussed..
7. Dues for 2024 to be discussed as well as updating the membership forms for dues increase.
8. Matthew will do a quarterly presentation on Fake Meteorites and Moldavites during Novembers club meeting.



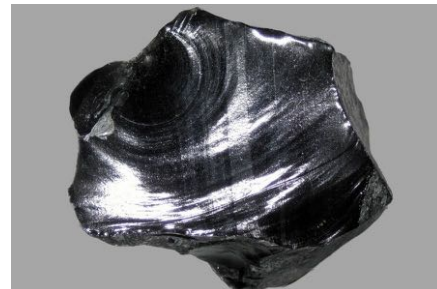
Black Opal from the Lightning Ridge Area in South Wales , Australia is renowned for producing some of the finest specimens in the world.

Formed millions of years ago in a specific geological condition, groundwater carrying dissolved silica seeped into rock voids alongside the decomposition of ancient fossils and organic matter.



Schorl is the most common variety of Tourmaline. It accounts for up to 95% of all the tourmalines found in nature.

It is a crystalline silicate which boron is compounded with elements such as aluminum, iron, magnesium, sodium, lithium and potassium.



Obsidian is a common igneous rock that formed from molten lava and silica that rapidly cooled. This created a volcanic glass structure with no clearly defined shape or form.

These stones are constantly broken down and altered by weathering, heat, or natural occurrences.

Obsidian can be found on many worldwide locations where a volcanic activity occurs.

Ancient civilizations prized these stones for making knives and spears and arrowheads for weapons.

THE BLACK ORLOV - A CURSED BLACK DIAMOND



The story begins in 19th century Pondicherry, a southern town of India where a monk thief steals an 195 uncut black diamond from the eye of a Brahma statue, a Hindu God of Creation. Monks of this temple in their anger puts a curse on the gemstone of bad tidings to whoever makes contact with the gemstone.

It is not until the 1940's that this gemstone surfaces in Russia owned by Princess Nadia Vygin - Orlov (whom the diamond is named after), and upon her death of suicide by jumping off a building, her sister Leonile Viktorovna Bariatinsky inherits the gemstone but as fate would have it, she too would commit suicide in the same manner. In the 1950's Charles F. Winson bought the uncut diamond for \$ 300,000. He then faceted the diamond to break its curse now known as the Black Orlov weighing at 67.5 carats. He also would commit suicide by jumping off a skyscraper in New York City.

Decades of changing hands to private dealers, as of 2006 the last registered owner is Dennis Petimezas. He has this 67.5 carat black diamond surrounded with 108 white diamonds in a brooch with a 124 white diamond necklace. It is on display at the American Museum of Natural History in New York City.



October Club Meeting

Voting for 2024 Board of Directors

(member attendance requested)

Updates for show on Oct 28th,
29th

HUI PŌHAKU 'O HAWAII

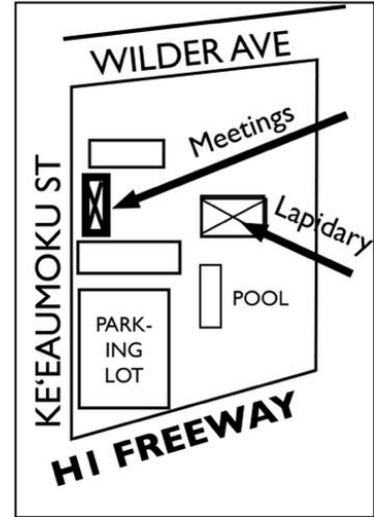
Rock and Mineral Society of Hawai'i, Inc.



Established in 1970, the **Rock & Mineral Society of Hawai'i, Inc.** is a community benefit organization (non-profit), educational organization dedicated to mineral and rock collecting and appreciation.

The group meets on the **fourth Wednesday of each month** at the **Makiki District Park** on **Ke'eaumoku Street** in Honolulu from **6:15 to 8:00ish pm**. The public is invited to attend any single meeting as guests. Parking is free but limited. Membership is open to all ages (families welcome!), including non-residents. The benefits of membership include:

- Attendance at informative monthly meetings.
- Monthly newsletter, electronic distribution via email.
- Participation in club-sponsored shows and exhibits where members can display and/or sell minerals, rocks, fossils and lapidary items including jewelry.
- Networking with other members to exchange ideas and information.
- **Benefit for the entire family:** Access to the only **well-equipped lapidary shop** on the Island, also in **Makiki District Park**, open to all club members. Classes and training in lapidary techniques provided by experienced club members. Thursday evenings periodically throughout the year (attend meeting for details).
- Occasional rockhounding field trips to various locations around the islands.



For more information visit our website: www.rockandmineralsocietyofhawaii.org

Facebook: www.facebook.com/RockandMineralSocietyofHawaii

President – Matthew Martin, Vice-President Admin: Jon Bly, Vice-President/Lapidary Dean Sakabe

MEMBERSHIP APPLICATION FORM

Membership for calendar year: _____

___ Single \$20 ___ Family (2 or more) \$30.00 ___ New Member ___ Renewal (**Please, before January 31 of the year**)

Name(s): _____

Please list children's names and ages: _____

Mailing address: _____

City: _____ State: _____ Zip: _____

Phone Number(s): _____ Cell: _____

Email _____

Please send the monthly newsletter: ___ via email (PDF file)

Special interests: ___ Lapidary ___ Faceting ___ Thumbnails ___ Micromounts ___ Fossils

Please make check payable to: Rock & Mineral Society of Hawai'i, PO Box 23020, Honolulu, HI 96823-3020

RMSH Use Only: Received by: _____ Date received: _____

Amount received: \$ _____ Method of payment: ___ Cash ___ Check # _____ Receipt given: Y / N