

Place:
Arden Community Hall
636 Hall Rd
Arden, WA



Third Tuesday of the Month
Time:
April – September
7:00 PM
October – March & August
6:00 PM

The Panorama Prospector

November 2018

PANORAMA GEM AND MINERAL CLUB

Minutes for Meeting

October 16, 2018

6:00 p.m.

The meeting was opened by President Johnie Pitman at 6:00 p.m. Johnie asked if any members left stuff at his house after last work day. There was no response.

Vice President Bob Bristow brought Prospectors magazines to share with club members and he also shared a book called "Mineralogy" that can be obtained at Barnes and Noble. He said it is an excellent book for identification of specimens.

Secretary Sheila Stratton read letter from Pat Lambert, show coordinator, from the Northwest Newsletter (Northwest Federation of Mineralogical Societies). She is going to post our upcoming show in the newsletter and also gave ideas of other ways to advertise.

Treasurer Frank Stratton gave treasury report and he let the club know that he has copies available if anyone would like a copy.

Sharon Borgford shared about how she obtained the dinosaur display from Wal-Mart that she is going to use for the show. She also brought a beautiful dinosaur egg that she painted on a rock.

Johnie reported that the trailer for the show equipment is still at his house and he needs a place to park it before the winter hits. He talked to Laurie at the Colville Fairgrounds but has not heard back from her (since the meeting the trailer has been moved to Colville Fairgrounds). He also reported that Dennis Gibbens made crates to store the liners of the cases.

Continued Page 4

John Sinkankas **Writer, Gemologist, Mineralogist** **and Gem Cutter**

By: Jim Retzer

At the October 2018 meeting our Vice-President, Bob Bristow, presented an outstanding mineralogy book that is written not only for the professional mineralogist but also for the amateur collector. The author, John Sinkankas, has written several other books dealing with mineralogy, gemology, collecting, and the several facets of lapidary. As with his book on mineralogy these are written in a way that the newcomer, as well as the seasoned rockhound, mineralogist, or lapidarist, will find informative and instructional.

John Sinkankas was an internationally known mineralogist, gemologist, lapidarist, author and illustrator. His first publication in this field was *Gem Cutting: A Lapidary's Manual* published in 1955 with later editions in 1959, 1974 and 1984. This was followed by his first volume of *Gemstones & Minerals of North America* as well as *Gemstones & Minerals: How & Where to Find Them* and *Mineralogy (Mineralogy For Amateurs)* along with several other books in this field. He was a profuse writer writing over 15 books and more than 150 articles. He was also the editor of *Gems & Gemology* and *Lapidary Journal*.

Along with his writing John and Marge Sinkankas quickly compiled a library of over 3,000 volumes of mineralogical literature. With the extra and duplicate volumes they accumulated they opened Peri Lithon Books to market their excess. John and his wife's passion expanded their book collection to over 14,000 volumes which made up the John and Marjorie Jane

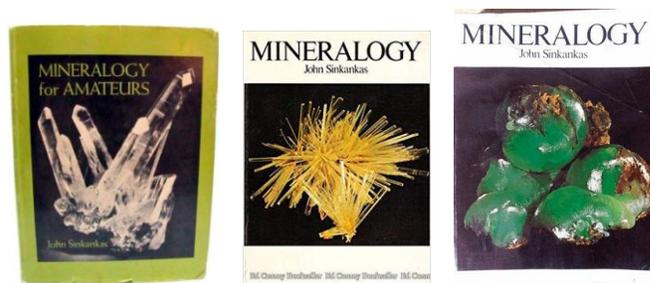
Sinkankas Gemological and Mineralogical Library. In 1988 this library was acquired by the Gemological Institute of America where it now forms the core of GIA's Richard T. Liddicoat Library in Carlsbad California. John's long-time project was the accumulation of bibliographic information on mineralogical and gemological works. This research culminated in 1993 with his publication of *Gemology: An Annotated Bibliography*. This is considered the most comprehensive annotated bibliography on gemology ever published. In its 1,179 pages are 7,458 entries which cover gemological literature published between 1469 and 1990 with content dating from 300 BCE to the 20th century. The GIA Library's digitization project provides access to *Gemology* plus hundreds of rare books from the Sinkankas Collection; these works are available on Internet Archive:

<https://archive.org/details/gialibrary>

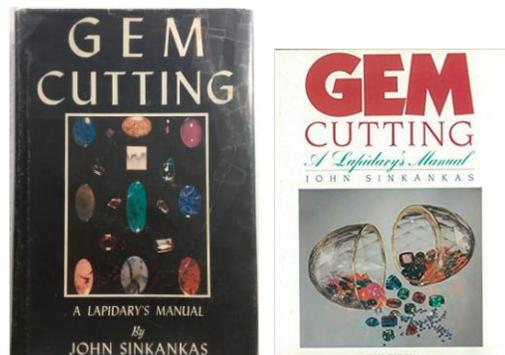
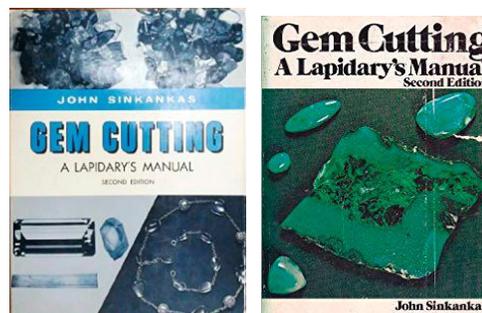
Along with his writing he was also an avid watercolorist, providing many of the illustrations for his books. He not only wrote about Gemology, Mineralogy and Lapidary he participated in these fields himself. His vast abilities as a gem cutter can be seen in the Smithsonian Institution. Their collection holds a 7,000-carat faceted quartz egg and a 2,054-carat faceted golden beryl along with many other stones he cut.

The value of his books can be attested to by their many updated editions and republications. When a list is made of what books should be in a library of anyone with interests in mineralogy, gemology, rock collecting, or lapidary his books are usually at the top. If a person is limited in the size of their library three of his books stand out as should have: *Mineralogy* (also published as *Mineralogy for Amateurs*), *Gem Cutting: a Lapidary's Manual* and *Gemstones & Minerals: How & Where to Find Them* (also published as *Prospecting for Gemstones & Minerals* - 1970 and *Field Collecting Gemstones & Minerals* - 1988).

Mineralogy, which was presented at our clubs last meeting, is an outstanding book. It is written in an easy to understand format explaining mineralogy in a way that most people can understand. It is heavily illustrated with over 300 photographs and drawings.

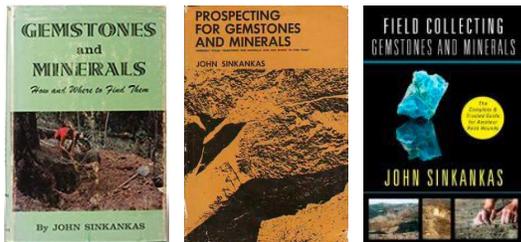


Gem Cutting: A Lapidary's Manual, Sinkankas' first book in the mineral, gem and lapidary field, covers the basics of lapidary. It presents the many aspects of this art including sawing, grinding, lapping, rock drilling, tumbling, capping, faceting, sphere-making, carving, in-lay and much more. Here you will find Sinkankas' tips on techniques and tools needed to do the job.



Gemstones & Minerals: How and Where to Find Them is found in 3 different editions. First published in 1961 as *Gemstones & Minerals: How and Where to Find Them* was followed by *Prospecting for Gemstones & Minerals* a revised edition published in 1970, and finally *Field Collecting Gemstones &*

Minerals a revised edition published in 1988. This book, in any of the three editions, presents the how, where and why gem and mineral deposits form and how to get the crystals out of the ground. As with his other books the information is presented in easy to read and understand language.



Books published by John Sinkankas include:

Gem Cutting: A Lapidary's Manual
Gemstones of North America Volume 1
Gemstones & Minerals: How & Where to Find Them

(Also published as - ***Prospecting for Gemstones & Minerals***
Field Collecting Gemstones & Minerals)

Mineralogy (Also titled – ***Mineralogy for Amateurs***)

Mineralogy: A First Course
Van Nostrand's Standard Catalog of Gems Gemstone & Mineral Data Book
Gemstones of North America Volume 2
Emerald & Other Beryls
Beryl – Butterworths Gem Book
Gemology: An Annotated Bibliography (2 Volumes)
Gemstones of North America Volume 3

Many of these books are out of print but can still be found though several used book sources such as Amazon.com and Bookfinder.com or just a Google search by title and author. They come as hardbound or softbound and with the many different editions and printings. With the variations in titles, covers and bindings you need to make sure the book you order is the one for the information you want.

You will find his books selling for between \$10.00 to \$100.00 with ***Gemology: An Annotated Bibliography*** selling in the \$200 to \$400+ range

depending on edition, condition, publisher, and just what the seller wants to price them at. With some research you can find most of these books in the \$10.00 to \$25.00 range (I just purchased a hardbound edition of ***Mineralogy for Amateurs*** for \$16.00 plus \$3.50 shipping).

With their easy to read and comprehend style John Sinkankas's books could make for some good reading over the coming winter months.

Some Outstanding Items At The Annual Auction

By: *Johnie Pitman*

The November auction this year is to raise some funds to help pay for the cargo trailer that now stores the clubs show equipment. The trailer is presently parked at the fair grounds in Colville.

Some of the items that will be there are:

1. A 10" trim saw (Highland Park) with a nice stand that has wheels, I drained the oil out and sharpened the blade some, but should be sharpened some more. One way (cheapest) is to cut an old grind stone like those used to sharpen tools. There are sharpening blocks sold to do the job also.
 2. A 10' flat lap, it only has one bowl and it is for polish I think, another bowl for the rougher grits is needed.
 3. 4 pounds of 80 grit, and 4 pounds of 220 grit.
 4. 8" Lortone expandable rubber lapidary drum and a 6" flat drum.
 5. 8" carbide grinding wheel.
 6. Arbor with 8" dia. 2" wide sanding belts.
 7. Shaft with bearings.
 8. 1/6th H.P. motor (it's older).
 9. Bucket of petrified wood from the Yakima Firing Range, that area has never been open for collecting, it will work for tumbling just fine but looks like it is opalized instead of agatized.
 10. 1.5 gallons of rock saw oil (lube).
 11. A small 3" plate of amethyst crystals.
 12. A thunderegg sphere, well it was started to be one but then ended up in the tumbler.
 13. India blackskin agate with the face polished.
- More items are needed** so if you have something to donate please bring it with you. There will be numbers for everyone that wants to bid on the items so get them before it starts. It should be a very fun time!!! Johnie

Meeting Minutes

Continued From Page 1

The nominating committee, consisting of Deborah, Luci, and Chana, reported that they have people that have committed to take the following positions:

President: Rick McDougald
Vice President: Bob Bristow
Secretary: Sheila Stratton
Treasurer: Frank Stratton
New Trustee: Jim Peters

The show dates are March 8th & 9th for next year. Johnie said he would serve as show chairman. Bruce Hurley suggested that two more people are needed to help Johnie.

Frank passed out copies of by-laws to people who did not receive a copy. Items that were mentioned or questioned were as follows:

- 1st line of Section 2: Johnie's address 701 instead of 901.
- Deborah had question about trustees reviewing scholarships and that we need someone to go to the schools.
- Gene questioned about being incorporated.
- Rick brought up page 5, Section 1 – Records Code of Washington. Rick looked it up and it does not exist.
- Johnie mentioned that it was good to have executive board meeting three times a year.
- Deborah had questions about the library. Johnie said it is in his barn and consists of mainly magazines and a few other miscellaneous items.
- Gene mentioned a safe. We do not have a safe and Gene offered to donate one. Johnie said to let the executive board decide.
- Rick suggested job descriptions need to be gone over and have more detail.
- Deborah asked if Show Chairman was for five years. Johnie said that would be discussed by executive members.

Johnie brought up about Joe retiring a newspaper editor. He asked Joe to expand on what the job requires. Joe recommended a committee. Emailing newsletters was brought up, but there are 17 who do not have computer access.

Jim Retzer volunteered to act as editor. Deborah said she would be willing to assist him. He said he wanted a meeting with Joe and others that would be contributing to the newsletter.

Johnie reported that on November 3rd, between 1:00 p.m. and 4:00 p.m., the Arden Community Center is holding a Bingo game to help pay to keep the community center open. He encouraged members to attend this to show support.

Joe brought Sheelite to examine with the black light.

Refreshments were served.

Drawing and silent auction was held.

The meeting was concluded with DVD shown by Bruce Hurley, "The Back Way to Fire Mountain." Bruce shared facts about Mount St. Helens.

PANORAMA GEM AND MINERAL CLUB

Executive Board

Minutes for Meeting October 9, 2018

The President, Johnie Pitman, called an Executive Board Meeting to update the Club's current By-Laws & Standing Rules only.

Present were Johnie Pitman, Vice President Bob Bristol, Treasurer Frank Stratton, Trustees Sherryl Sinn, Dennis Gibbons, and Jim Peters. Also, in attendance was member Rick McDougald.

Absent was Secretary Sheila Stratton. Frank volunteered to take the notes for the meeting.

Everyone present had a copy of the current By-Laws & Standing Rules. Each Article was gone over for recommendations to make changes that were needed to be bring them up to date.

Once completed, a copy of the changes will be indicated by "Strikethrough lettering" to remove and "Bold lettering" to make changes.

Frank will make the changes and send a copy to all current attending members for their review and discussion at the next schedule club meeting being held on October 16, 2018.

Columbia River Rocks

By: Sharon Borgford



Our modern rivers did not always flow in the channels they now occupy, and determining their ancient paths is the focus of ongoing geological studies.

One significant clue to their prior location is the fact that each of the three major drainage systems in eastern Washington (the Yakima, Columbia, and Snake rivers) consist of significantly different rock types. Deposits of their tumbled, rounded river rocks trace their prior routes. The distinctive rocks of the Columbia River are the quartzites from our northeastern Washington area.

This past summer I visited one of the deposits of the old Columbia River route near the town of Granger in southern Washington, 24 miles from the modern Columbia. It is located high on the bank above the valley along Emerald Road east of Granger. The individual stones continually weather and accumulate along the roadside.

Close up of cliff face showing rock variety to be found - not only quartzites (which are the majority), but also quartzite conglomerates, granites, argillites, gneisses, and others.



One layer of the Addy quartzite is a distinct purple color. Shown is a purple quartzite cobble from the Granger site alongside a fresh sample of the local purple quartzite (Specific identification not confirmed).



Quartzite cobble from Granger site showing typical crossbedding.



I learned of these deposits from the excellent lectures by Nick Zentner of Central Washington University, available at www.nickzentner.com. <https://www.youtube.com/watch?v=0IjLO9ABKYU> (1 hour version), and See <http://www.nickzentner.com/new-blog/> for a (5 minute version).

Do you have a particular interest or is there something you would like to see the club present. Let us know we are always looking for fresh ideas.

Membership Dues:

\$20.00 per household per year is due to the club Treasurer Johnie Pitman (address below) on the third Tuesday of November for regular members.

Webpage: <http://panoramagem.com/>
 Contact: Johnie Pitman, President, 509-684-8887

We, **The Panorama Gem and Mineral Club**, are a multi-faceted group of mineral-minded people. Our proud members include some real gems, a few fossils, and even some diamonds in the rough. A few have lost some of their marbles, but they know where to get more! A few need to polish their coordination because they are always tumbling! And some are miners who use the “silver pick” as their tool of choice! It should be crystal clear, that we all enjoy this unique conglomeration and above all else we strive to **HAVE FUN**. And we never throw stones (away).

November Meeting 6 PM

The next meeting of the Panorama Gem and Mineral Club will be held Tuesday, November 20th at 6 pm. Rick McDougald will open up the Arden a little earlier so auctions items can be set up. Gene Fisher will bring the items that were donated to the club to set up at that time. **If you have items to donate to the auction bring them early so they can also be setup.**

Vice-President, Bob Bristow will be facilitating the meeting. A brief business meeting will begin the evening followed by refreshments. The remainder of the meeting will be for the Annual Auction.

Members are encouraged to donate any rocks, machinery, or other related items to this auction, as the money raised goes to a good cause.

Hope to see yo'al there, *Deborah Danielson*

Panorama Gem and Mineral Club: Organizational Chart

Officers

President:	Johnie Pitman	701 B Williams Lake Rd Colville	509-684-8887
Vice-President:	Bob Bristow	PO Box 1165; 2567 Mud Lake Rd. Chewelah WA 99109	509-935-4375
Secretary:	Sheila Stratton	79 Mary Ellen Rd, Kettle Falls, WA 99141	909-228-0546
Treasurer:	Frank Stratton	79 Mary Ellen Rd, Kettle Falls, WA 99141	909-228-0546
Trustee 1:	Sherryl Sinn	725 S. Chester, Colville, WA 99114	509-684-6093
Trustee 2:	Gene Fisher	294 Gold Creek Loop Rd, Colville, WA 99114	509-684-8546
Trustee 3:	Dennis Gibbens	827 Hwy 20 E, Colville, WA 99114	509-684-3532

Committee Chairs

Program Coordinator:	Bev Bockman	1750 N Havichur Loop, Post Falls, ID 83854	208-773-5384
Hospitality:	Sherryl Sinn	725 S. Chester, Colville, WA 99114	509-684-6093
Club Shop:	Gene Fisher	295 Gold Creek Loop Rd, Colville, WA 99114	509-684-8546
Historian:	Carol Price	PO Box 77, Laurier, WA 99146	509-684-2857
Newsletter:	Jim Retzer	9 Ponderosa Park Dr. Kettle Falls, WA 991441	509-738-2503
Show Chair	(vacant)		