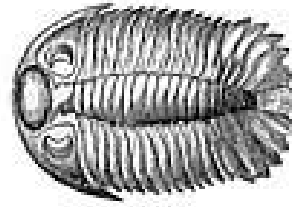


The Trilobite



Wisconsin Geological Society

Nov. 2020

NEXT WGS MEMBERSHIP MEETING Monday, November 9, 2020

Kathy Harvey will host a Zoom virtual meeting November 9 at 7:00PM.
A week before the meeting she will send out the invitation with the link and password.

As usual, people are allowed to enter 15 minutes prior to the start time.

If you are not yet setup to use Zoom, you can download the app at zoom.com
You will need a camera on your computer as well as speakers.
It is easy to setup and test ahead of time. Just make sure you have audio and visual set on after you enter the meeting.

There is a lot on information on the web on how to setup and use zoom. Just google zoom.

If you get the Trilobite by mail and would like to be included in the zoom meeting, send me an e-mail and I will put you on the zoom invitation list. If you get the Trilobite by e-mail you are already on the list..

WGS Minutes, October 12, 2020 Online Zoom Meeting

The business meeting was called to order at 7:11PM by our President, Pierre Couture.

Attendees: Kathleen Harvey, Barbara Brown, Richard Hopefl, Judy Budnik, Paul Schmidt, Don Shervey family, John Hammetter, Kitty and Steve Klein, Darin Dubinsky Family, Sue Eyre, Jody Ry-maszewski, Pierre Couture, Dave Okruhlica, Chuck Riel.

The minutes of the September meeting were printed in *The Trilobite*. A member made a motion to accept the minutes as published. Another member seconded. The minutes were approved.

New Memberships: None
Guests: None

Treasury Report: Pierre Couture. The motion made and accepted to make a provisional acceptance of the Treasurer's Report.

Continued on next page.....

Minutes continued from page 1

Committee Reports:

Show: We may have a smaller show in Hart Park for 2021 or have an outdoor show similar to a rock swap next year, depending on Covid.

Newsletter: nothing new

Lapidary: nothing new

Mineral & Fossil Study Groups: nothing new

Field Trips: On hold during Covid.

Junior Rockhounds: nothing new

Sunshine: nothing new

Unfinished Business:

Meeting Location Update: We still have a storage locker at the Immaculate Heart of Mary. Hopefully, we will be able to meet in the future. Jody will look into it. We still have our meeting location.

Website: Darin Dubinsky may reach out to MATC students to work on our webpage. Darin contacted the website teachers, but the teachers have not contacted him back. We also have a Facebook group. Pierre is looking for more people to act as an administrator to answer questions we get via messaging. Darin will be willing to work a group page in addition to our organization page for Paul Schmidt to work on. WGS Wisconsin Geological Society is the name of the new group page.

New Business:

The group agreed to do another Zoom meeting for November.

Announcements: none

Several members showed their rock specimens on video.

Door Prizes: No door prizes.

Adjournment: A member made a motion to adjourn. Another member seconded. The motion was approved. The meeting adjourned at 8:07 PM.

Barbara Brown, WGS Secretary

CALENDAR OF EVENTS

The Midwest Federation website has an extensive calendar of shows and activities throughout the Midwest. <http://www.amfed.org/mwf/Calendar/calendar.html>

An extensive list on mineral shows is also at: <http://www.the-vug.com/vug/vugshows.html>

The Badger Lapidary & Geological Society's October 2020 show has officially been cancelled. The Craig Center will not be available for the remainder of the year. The new dates are March 27 & 28, 2021. Hopefully everything thing will work out and we will be able to celebrate our 50th Rock & Mineral show in the new year

As of right now, the 2021 MWF Convention is to be held in Toledo, Ohio in September.

There are no local area shows scheduled that I know of. Everything is cancelled because of the virus.

Bob Bialecki's cousin Brian Hojak has donated his rock collection, equipment and display cases to our club. Pierre, Bob and I help move them from the house where they are stored to my garage. Pierre took some of the rocks and display cases to the Glacial Drifters Rock Swap in Plymouth and sold over \$700 for the club. Thanks Brian!

If push comes to shove for our 2021 show, we may have to do something like that rock swap, where we have the dealers set up in some outdoor setting. We would need a big enough parking lot somewhere in the area. If we have limited access to Hart Park, we may need to limit the number of dealers to space things out and help with distancing. I would appreciate any thoughts on this.

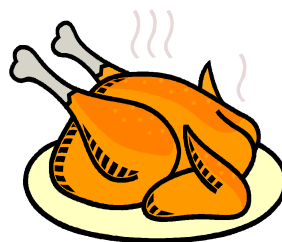
The Wisconsin Geological and Natural History Survey of Wisconsin has added "Fossils of Wisconsin" to its webpage.

The content of these webpages was adapted from *Common Paleozoic Fossils of Wisconsin* by Ross H. Nehm and Bryan E. Bemis (2002). Photos were generously provided by the Milwaukee Public Museum unless otherwise noted.

This is great information and worth a look.

<https://wgnhs.wisc.edu/wisconsin-geology/fossils-of-wisconsin/>

[Wisconsin Geological & Natural History Survey » Fossils of Wisconsin](#)



Amber

From the Canaveral Moonstone. The newsletter of the Canaveral Mineral and Gem Society
By Dave Jacobson

Amber is fossilized tree sap, succinic acid, with the approximate of chemistry $C_{10}H_{16}O$. Amber is in the Mineraloids Class. It does not have the necessary crystalline structure to be classified as a mineral.

Amber has been used since prehistoric times for making jewelry. Some specimens contain fossilized insects or plant material which were trapped in the amber when the sap was still in its resinous state. Notable finds of amber have occurred in all the Baltic countries, Venezuela, Russia, Rumania, Burma and the Dominican Republic. The primary use of amber is in the making of jewelry and as a specimen in mineral or fossil collection. Specimens containing rare, fossilized material are highly prized. The color of amber can run from light yellow to brown, red, nearly colorless, milky white, blue, black and greenish. Hardness is 2 to 2.5. Specific gravity is typically 1.1 with a maximum gravity of 1.3. It is very light and can float in salt water. Streak is white. It has no cleavage and is brittle with a conchoidal fracture. Amber will burn. It will also fluoresce bluish-white to yellow-green. Amber will also take a charge and attract small particles when rubbed with a cloth. Amber does not belong to any crystal system since it is amorphous, which means it does not have an ordered crystal structure.

I used the following reference materials in preparing this article. Simon & Schusters Guide to Rocks and Minerals. Gemstones of The World by Walter Schumann. Amethyst Galleries Mineral Gallery on the internet (URL is www.galleries.com). If you have internet access and are interested in minerals. I suggest you check out this site. Another very good internet site is Bob's Rock Shop at <http://www.rockhounds.com>. This site covers all aspects of the hobby from rocks and minerals to faceting diagrams and much more.



WGS Members, Please Note:

Your Membership Dues are renewed in November.

\$15.00 Single Membership, \$20.00 Family Membership

Please remember to send your check to Club Treasurer
Christopher Nohl, 3240 N. Summit Ave , Milwaukee 53211

Charmouth Beach in the county of Dorset on the south coast of England, known as the Jurassic Coast, is one of the best fossil collecting sites on earth for amateurs.

Around 200 million years ago, this shoreline was entirely submerged by a tropical sea. The area was then around the latitude of Morocco, and its warm water supported a rich marine ecosystem filled with everything from ammonites (marine mollusks with a protective coiled shell) to ferocious 10-meter-long reptiles. Over time, the sea receded and the tectonic plate on which England sits drifted northward, but the sedimentary rocks and clay that formed the ancient seabed remained intact.

With each new storm or high tide, those rocks erode away from the steep coastal cliffs, revealing the spectacular remains of creatures that once swam in the ancient sea. The Jurassic Coast, as the region is called, stretches for 155 kilometers through Dorset and East Devon. It has been a World Heritage Site since 2001 and is renowned as one of the most extraordinary fossil-collecting sites on Earth, offering glimpses into an astounding range of geological epochs.

In some parts of the world, all fossils are considered the property of the state, and even where this is not the case, regulations can make it hard for amateur collectors to take part. But on the Jurassic Coast, fossils can be revealed one day and destroyed by pounding waves or swept out to sea the next, meaning that neither landowners nor scientists can hope to save even a fraction. This means the involvement of the general public is key to ensuring the maximum number of fossils are collected for scientific research and public viewing. A progressive collectors' code formalizes the average person's ability to gather fossils and has contributed to a massive surge of interest in recent years, further stoked by social media and dinosaur movies.

The West Dorset Fossil Collecting Code of Conduct applies to a 17-kilometer stretch of coast between Lyme Regis and the village of Burton Bradstock, and was recently replicated in East Devon. Hammered out in the winter of 1998 by landowners, scientists, collectors, government agencies, and cultural and environmental organizations, the code clarifies ownership and seeks to ensure both that key specimens are preserved for posterity and that collecting happens in a safe and nondestructive manner. Collectors are free to take home small or common fossils but can only keep more significant finds—referred to as category one fossils—after reporting them. A collector who wants to sell a category one fossil has to offer it to museums before private buyers and must report the details of the sale.

Every day that the Charmouth Heritage Coast Centre is open, hundreds of people come in with fossils. Between 20 and 30 of the finds turn out to be of scientific interest each year, says Davidson, whose desk is covered with paperwork, cables, and scattered ammonites, under the watchful eye of a stuffed plesiosaurus toy. "Lots are found by professionals ... but lots are also found by amateurs, even first-time fossil hunters."

The rise of citizen fossil collecting is a fitting salute to Lyme Regis's most famous denizen, Mary Anning. By the age of 12, Anning—with her brother's help—had uncovered one of the world's first ichthyosaurs. The discovery took place in the early 1800s, before the term *dinosaur* had even been coined. Anning, whose key role in the development of paleontology in the United Kingdom was largely obscured until long after her death, collected dozens of scientifically important specimens, some of which still take pride of place at museums around the world. In recent years, she has been the subject of several books, and a new film about her life, starring Kate Winslet, is due to be released this year, which may bring a further wave of collectors.

Continued next page.....

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This was from an article published in Smithsonian Magazine that was taken from Hakai Magazine, an online publication about science and society in coastal ecosystems. The author was Tommy Trenchard. Some of his pictures are below.

You can read more stories like this at hakaimagazine.com.



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The Purpose of the Wisconsin Geological Society, Inc is to:

Create an interest in the study of Geology

Provide a means for personal development in Geology.

Disseminate knowledge concerning all phases of Geology.

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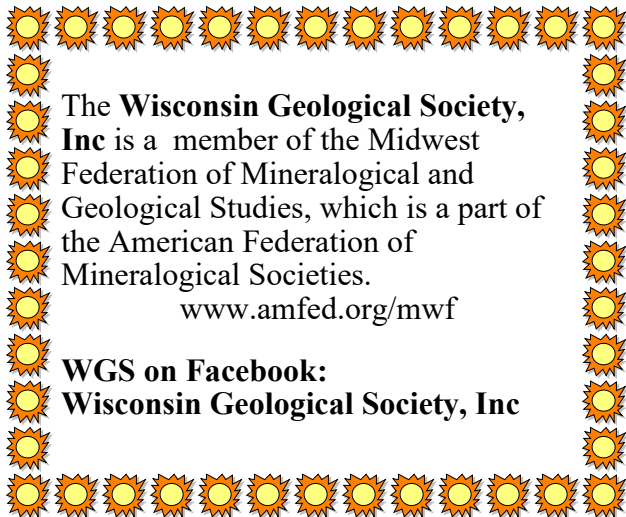
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The Wisconsin Geological Society, Inc is a member of the Midwest Federation of Mineralogical and Geological Studies, which is a part of the American Federation of Mineralogical Societies.
www.amfed.org/mwf

**WGS on Facebook:
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General Membership meetings are held each month (except July and August) on the second Monday of the month at 7:00p.m. in the Parish Hall (lower level) of the Immaculate Heart of Mary Catholic Church, 1212 South 117th Street; West Allis, Wisconsin.

All news, articles, and pictures to be included in the Trilobite should be forwarded to the editor by the 15th of the month. They can be mailed or e-mailed to:
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pvs@wi.rr.com

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*Please remember to send your check to
Club Treasurer Christopher Nohl
3240 N. Summit Ave , Milwaukee 53211*

The check should be made out to WGS

**The Wisconsin Geological Society, Inc
is now in it's 84th year**