



# NHSM Fossil Club Snapshot 2021

**About the Club** - Natural History Society of Maryland's Fossil Club is a community of novice and experienced collectors who meet to exchange knowledge with one another, help with fossil ID, go on fossil hunts, host educational events and speakers and generally "nerd out" on all things fossils. All ages are welcome. No experience is required. Monthly meetings are held the first Wednesday of every month via Zoom, in person, or hybrid.

## MEMBERSHIP

**247** members  
as of December  
31, 2021.

The club welcomed **123**  
new members in 2021.

<b>1/6/2021</b>	From Caves to Canyons, Searching for Ancient Sharks in Our National Parks
<b>2/3/2021</b>	Fossil Show and Tell
<b>3/3/2021</b>	Meet the Denisovans, Enigmatic Archaic Cousins to the Neanderthals
<b>4/7/2021</b>	More than Teeth: Megalodon's Morphology and Ecology
<b>5/5/2021</b>	Triceratops – The Frill of It All
<b>6/2/2021</b>	Maryland's Fossil Sharks: What tales do shark teeth tell?
<b>7/7/2021</b>	Travelling Deep Time Along Country Roads: The Devonian in West Virginia
<b>8/4/2021</b>	Plant Evolution Through Geological Time
<b>9/1/2021</b>	Taung: The Nexus of African Palaeoanthropology
<b>11/3/2021</b>	How to Start a Fossil Collection
<b>12/1/2021</b>	Fossil Sharks of Alabama

## FIELD TRIPS

- Chesapeake Ranch Estates, MD
- Stratford Cliffs, VA (Monthly)
- Scientist's Cliffs, MD
- Beltzville State Park, PA



## SIGNATURE PROGRAMS

### 4<sup>th</sup> Annual Shark Fest – August 15, 2021

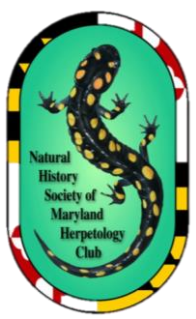
Where fear and misinformation is replaced with fascination and facts. Visitors learned through hands-on activities, presentations and exhibits that covered shark evolution, morphology, anatomy, natural history and ecology. In the kid's zone, children dug for real shark teeth.

### National Fossil Day – October 13, 2021

This was the first year that NHSM hosted an event to celebrate National Fossil Day, an annual celebration held to highlight the scientific and educational value of paleontology and the importance of preserving fossils for future generations. Several educational displays featuring dinosaur teeth, tracks, and coprolite as well as a look at plant evolution through the fossil record were on display. Folks were invited to bring in fossils for ID. All visitors left with a bag of fossils that were the foundation of a follow-up Zoom fossil tutorial held 2 weeks later.

## NEW FOR 2022

- Fossil docent program
- Scout merit badge
- Different field trip locations



# NHSM Herp Club Snapshot 2021

The NHSM Herpetology Club is dedicated to the study and conservation of reptiles and amphibians, as well as promoting responsible ownership and captive breeding of this beneficial group of animals. Club meetings are held the second Wednesday of each month – Zoom, Hybrid or In person. Meet, learn from and herp with fellow “Herpers”! Amateurs, professionals, and kids of all ages are welcome!

## MEMBERSHIP

**151** members as of December 31, 2021.

The club welcome a total of 62 new member, 113.79% more then we welcomed in 2020.

1/21/21	So Much More than Ribbit: Frog Calls of Maryland
1/28/21	Good Fences Make Good Neighbors: How a University and a Town Came Together to Protect an Endangered Turtle
2/10/21	Salamanders to Rattlesnakes: Herpetology Footwear Innovation
3/10/21	Vernal Pool Primer and Member Show-n-Tell
4/14/21	Herping the Trans-Pecos Region of Texas
5/12/21	Fungal Pathogens Impacts on Amphibian Biodiversity
6/9/21	Banneker BioBlitz Orientation: NHSM Herp Club June Meeting
7/21/21	Caring for Red-eared Sliders and Snake Sitting: NHSM Herp Club Hybrid Meeting
8/26/21	Nature's Odd Couple: Spotted Salamanders and Algae
9/8/21	Protecting your Right to Possess and Breed Reptiles and Amphibians
10/13/21	The Mysteries of Painted Turtle Stripe and Spot Color
11/10/21	Rat Snakes of North America
12/16/21	Rattlesnake Conservation in North America

## FIELD TRIPS

- Vernal Pool Night Hikes
- Banneker BioBlitz
- Marshy Point Herp Hunt

## World Turtle Day – May 23, 2021

World Turtle Day 2021 was the first in-person on-site event since the start of the pandemic. Attendees had the opportunity to interact with at least nine species of turtle, learn about ongoing conservation efforts to support turtle populations in Maryland, see select specimens from the NHSM collection- including the first bog turtle found in Maryland in 1940, and have the opportunity to feed and be photographed with a giant mountain tortoise.

*World Turtle Day was founded in 1990 as an annual observance to help people celebrate and protect turtles and tortoises and their disappearing habitats around the world. Maryland has a total of 22 species of turtle, 19 of which are native.*



## NEW FOR 2022

- Exclusive field trips
- Reptile and Amphibian Showcase





# NHSM Lep Club Snapshot 2021

The Lep Club, is made up of novice and expert lepidopterists who meet to exchange knowledge and support concerning habitat, threats, food sources, identification, and life cycle of butterflies and moths. Club meetings encourage a sharing of knowledge for the raising and breeding of moths and butterflies through hands-on lessons and guest speakers. Club members are also involved in outreach in the greater Baltimore community through educational programs and service projects. Club meetings feature a guest speaker that share their knowledge on a topic related to moths and butterflies as well as time to distribute caterpillars and eggs. Club meetings are held the fourth Wednesday of each month – Zoom, Hybrid or In person.

## MEMBERSHIP

**141** members as of  
December 31, 2021.

The club welcome a total of 42 new members.

2/4/2021	Overlooked Life History: Butterfly and Moth Overwintering Ecology
2/25/2021	Wintering Tips, Tricks, and Practices for Spring Butterflies
3/6/2021	Monarch Butterfly Community Science Project Sampler
3/25/2021	Select Lepidoptera from Vietnam
5/26/2021	Extirpated and Endangered Butterflies of Maryland
6/16/2021	New Annual Butterfly Count for Maryland
8/25/2021	Photographing Butterflies and Moths: Tips and Tricks
9/22/2021	Moth Friendly Moon Gardening
10/27/2021	Butterflies in Space
11/24/2021	Butterfly or Moth: With Lookalikes, How can you Tell?

## FIELD TRIPS

- Moth Nights
- Ladew Garden Butterfly House

## Moth Week 2021

National Moth Week celebrates the beauty, life cycles, and habitats of moths. The Lep Club hosted two Moth Nights in Gunpowder State Park. Mercury vapor lights shone on a wall of sheets calling in the moths. Those in attendance were amazed at the variety of moths and other insects that came to visit.

## NEW FOR 2022

- New field trips
- Community science
- Pinning Workshops





# NHSM Archaeology Club Snapshot 2021

The Natural History Society of Maryland's Archaeology Club was founded in 2019 to promote the value of archaeology in Baltimore City, Baltimore County, and surrounding areas. The goal of the Archaeology Club is to educate citizenry in the ethics, methods, and artifact preservation methods of archaeology and how archaeology can be used to document, discover, and promote local history. The Archaeology Club is inclusive to all persons who have an interest in archaeology.

## MEMBERSHIP

**160** members as of  
December 31, 2021.

The club welcome a total  
of 72 new members.

## FIELD TRIPS

Archaeology of the  
Patuxent River

Green Mount Cemetery

## NEW FOR 2022

New field trips  
Archaeology Fest  
Archaeology Merit Badge

1/27/2021	3 Families; 4 Generations: Archaeological Evidence of Ecosystem Alterations The Sellman Plantation
2/27/2021	Research, Conservation, and Curation at the MAC Lab
3/24/2021	Excavating the Susquehannocks
4/28/2021	Spirit Photography: Fact or Fraud
5/19/2021	Songs and Stories of the Susquehanna River
6/23/2021	The Maryland Fluted Point Survey: New Insights in the Paleo Indian Occupation of Maryland (13,000 - 10,000 BPY)
7/14/2021	The History of Colonial Clay Pipes, What they Reveal about Trade between the UK and the US.
8/18/2021	The Caulkers' Houses in Baltimore
9/15/2021	Texas, Maryland and the history of the Irish Immigrants
10/20/2021	Rewriting the History of the Precontact Peoples in Cecil County, Maryland: An Examination of the NHSM Legacy Conowingo Collection
11/17/2021	Indigenous Food and Native Cuisine of the Chesapeake Bay

## Founder's Day Celebrates NHSM Contributions to Archaeology

In 1929, a group of men interested in the natural sciences broke away from the Maryland Academy of Sciences and formed the Natural History Society of Maryland. The Society's Charter was officially signed on April 2nd of that year. Dr. Lisa Kraus, NHSM Archaeology Curator presented on her predecessor, Richard Stearns who was NSHM Archaeology Curator for more than 30 years, a pioneer in Maryland archeology, and instrumental in recording much of Maryland prehistory.

