

The O.M.S.I. Crew Goes Batty

You may have seen them cooling down at Sligar's Thousand Springs Resort during the day, or more likely, prowling the area at night with headlamps and hi-tech bat detecting equipment. In early July a group of 8 high school science students came to town for several days to study bats in Hagerman Fossil Beds NM and the surrounding area. The team, organized through a collaboration between the National Park Service-Upper Columbia Basin Network and the Oregon Museum of Science and Industry, is known simply as OMSI. While OMSI has a long tradition of providing research opportunities for teenagers, this "tent and van" based research team was the first of its kind, and represents the first formal collaboration between OMSI and the Upper Columbia Basin Network. The team succeeded in making a significant contribution to the network's inventory and monitoring program in the Hagerman Fossil Beds as well as Craters of the Moon National Monument near Arco, Idaho and the John Day Fossil Beds National Monument in eastern Oregon.

Students from as far away as Texas and Illinois were trained in the methods and topics required to study bats in the Pacific Northwest, including the operation of mist

nets, bat call recording equipment, and identifying captured bats. Students enhanced field activities with investigation and presented life histories of the 12 bat species encountered during the program.

Notable findings from the team's work include documentation of 8 species of bats in the Hagerman Valley, including the hoary bat, pallid bat, Townsend's big-eared bat, and western pipistrelle. The team couldn't find the elusive spotted bat along the rim of Malad Gorge, but they remain convinced that the rare black and white bat, found in desert areas with large cliffs and water, is sure to occur in the area.

Traveling from the John Day Fossil Beds to Hagerman Fossil Beds NM provided a great opportunity to see the evolution of mammalian fossils (including those of bats!) spanning about 50 million years. The trip provided a fantastic backdrop to the student's study of current mammalian fauna. Students concluded the program by assembling a final report submitted to each of the monuments, complete with computer-generated tables and maps. – *Tom Rodhouse, NPS Upper Columbia Basin Network, Moscow, Idaho*

Hagerman Fossil Beds National Monument
Minidoka Internment National Monument
P.O. Box 570
Hagerman, ID 83332-0570

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Oregon Museum of Science and Industry bat research team students demonstrate the Anabat bat call recording equipment to Hagerman Fossil Beds manager Fran Gruchy on top of Malad Gorge in early July.

July 2004

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Park News
Summer 2004 Volume 14, No. 2

National Park Service
Department of the Interior
Hagerman Fossil Beds National Monument
Minidoka Internment National Monument



The Fossil Record

Free Fun Summer Programs !



Sunday Symposiums

- **The Life and Works of Ezra Pound**
July 25, 2004 2:00 -3:00 p.m.
Ted Dyer explains Pound's enormous contribution to the literary movement known as modernism. He is a member of the Ezra Pound Association, devoted to the preservation of Pound's birthplace in Hailey and a writing teacher at the Hailey extension of CSI.
- **Meriwether Lewis, Letters Home**
August 1, 2004 1:00 - 3:00 p.m.
Tim McNeil, as Meriwether Lewis, interprets the 1804 - 1806 expedition. The character comes to life through props, costume, and quotations from Lewis' journals as he "*writes letters home*" about the journey.
- **Minidoka: A Japanese American Prison Camp**
August 8, 2004 1:00 - 2:00 p.m.
Dr. Robert Sims, professor emeritus at Boise State, will present the second in a series about Minidoka. He will be describing life in Minidoka and its great impact on Idaho during the war years.

- **African Music**
August 15, 2004 2:00 - 3:00 p.m.
Valerie Chisholm, a local artist, will be discussing and demonstrating the art of traditional African music. Come and enjoy the energetic cultural sounds.

- **Art in WWII Japanese American Camps**
August 22, 2004 1:00 - 2:00 p.m.
Dr. Sims joins us for the last in his series about Minidoka. This time he will display and discuss the importance of art in the internment camps and how it was used to sustain their spirits during difficult times.

All presentations are free and will be held at the Hagerman Fossil Beds National Monument Visitor Center.

Fossil Beds Visitor Center

The Visitor Center is located across from the high school at 221 North State Street in Hagerman, Idaho. View the improved DVD show on our new big screen, enjoy our fossil exhibits, Minidoka Internment National Monument exhibit, and stop by the Natural History Association bookstore. Entering the Visitor Center or Monument is free. Summer hours are Sunday to Thursday 8 a.m. - 5 p.m. Friday and Saturday 8 a.m. - 8 p.m. For more information visit our website: www.nps.gov/hafo or call (208) 837 -4793.



EXPERIENCE YOUR AMERICA™

Meet Our Summer Seasonals

April Davis has worked with the National Park



Service for two years as a Visitor Use Assistant. She develops programs, gives tours, and greets the public. She is our resident artist, too. You can see her artwork in the auditorium. April is a native of Hagerman and attends the

College of Southern Idaho in Twin Falls, where she is studying to become a Radiologic Technologist. April loves the outdoors, reading, and anything associated with the arts.

Kyna Herzinger was born in the Twin Falls area, but grew up in Southern Oregon (Klamath Falls). Currently she is attending Whitworth College in Spokane, WA, where she is studying history. She graduates next



spring. Her particular interest lies with the internment of Japanese Americans at Minidoka. She hopes to use her experience with the Park Service to further the study and application of public history. She also enjoys

reading, volleyball, and jogging.

Jack Hompland is 20 yrs. old. He was born and raised in Idaho. A 2002 graduate from Jerome High School he is a junior at the University of



Idaho, College of Engineering and aspires to work as a mechanical engineer. This summer he is working on the maintenance crew. He enjoys the work because it allows him to obtain valuable experience that could not be found elsewhere. When not

working, he can usually be found hunting or fishing. He spends much of his winter free time snowboarding.

Cory Wayne Musgrave has returned for a second year here at the Fossil Beds. He is currently enrolled at the



University of Mary in Bismarck, North Dakota where he is studying to be an elementary teacher. His minor is coaching and special education. When he graduates he hopes to return to Idaho to teach. He loves to play sports, especially basketball and football. At the university he participates in track and field. He enjoys fishing and hiking as well.

Malorie Graybeal was born and raised in Southern Idaho. She graduated from Castleford High School and currently is a student at Boise State University. She will be taking required classes for the nursing program. She enjoys traveling and meeting new people. She has always been involved in athletics. She participates in many different sports including: softball, track, dance, volleyball, and basketball. She likes spending time with family and friends, and watching her cat play.



Kyle Davis is the youngest of three with two older sisters, Jenny and April. Born in Jerome, Kyle has lived his entire life in Idaho. He graduated from Hagerman High School in 2004. While in high school he played football, basketball, and ran track. After working this summer at Hagerman Fossil Beds he will attend the College of Southern Idaho. After the school year he plans to serve an LDS mission for two years. He then plans to return to school.



Summer Library Program

Partnering together with the Hagerman Library, the summer reading program, *Discover New Trails @ Your Library*, was offered Thursdays during June and July.

Headed by Mrs. Wilma Butigan, librarian, the children learned about Lewis and Clark and their marvelous expedition. Many books were read and participants were presented with an Explorer Certificate, prizes, and a book of their own.



Upcoming Events

Have you noticed that we seem to be participating in some fun and different events this year?

We were at Fossil Days (of course), did Scat & Tracks at the Buhl Library for their summer program, and made fun casts at the Buhl Frontier Days. Where will we go next?

Well, August 21st we will be grooving at the 2nd annual **Blues in the Park** at Billingsley Creek State Park, Hagerman. September 1-6, you will find us indulging at the **Twin Falls Fair!** September 25th - 26th we will be enjoying the **1000 Springs Art Festival**.

Be sure to stop by and say hello. We'd love to meet you and hear your comments. Till then, keep an eye open for us as you never know where we'll show up next.



Phil Finds Fabulous Fish Fossil!

Phil Gensler, the Monument's paleontologist, recently discovered a beautiful fish fossil *in situ* or in its natural setting. Also found in the area were some turtle fragments.

Phil explains, "These are rare finds, as we seem to only discover nearly complete skeletons once every 2 - 3 years. This may be the most complete fish skeleton we have recovered to date." The fossil was carefully removed from the area to prevent deterioration from harsh Idaho winds. The fossil was taken to the lab for cleaning and study.



NPS Photo

Our Volunteers are V.I.P.s (Very Important People!)

Hagerman Fossil Beds NM was fortunate this year to have a number of talented volunteers helping with a variety of projects.

Lynn Bondurant engaged in taking nature photos. She specialized in the photography of spring flowers. We now have a beautiful photo collection of flowers and creatures found on the monument.

Our next volunteers come to us as returning teams. **Cliff and Jean Dickey** were focused on digital photography. Cliff and Jean spent many hours each day photographing plants and animals for our use in the Visitor Center and Monument programs. They attended different events and documented our programs and activities. They were instrumental in redoing the Visitor Center mural to make it easier to see and enjoy. We will miss their presence now that they have moved on to another park.

Bob and Midge Lorkowski were a very helpful returning duo. Bob worked with Neal Farmer, our physical scientist, exploring Monument stratigraphy. He gave a wonderful geology presentation. His wife, Midge, helped do office work and organize files. Their contributions have helped a number of projects.

Call the office at (208) 837-4793 to learn about joining the Volunteer In Parks program. Our volunteers do make a difference!