



**DECEMBER 2019**

**MARILYN DAVIS BROWN BAG LECTURE SERIES TOPICS**

**DEC 6 CURRENT PHYSICAL SCIENCE RESEARCH ON GRAND CANYON -  
PARASHANT NATIONAL MONUMENT – ETHAN MCINTYRE**

Mr. McIntyre, Physical Scientist with the Grand Canyon Parashant National Monument, will discuss the current physical science research occurring on Grand Canyon Parashant National Monument. Current projects cross a wide variety of disciplines including acoustical monitoring, viewsheds, bat research, caves, weather stations, water quality, relict leopard frogs, Pakoon Springs restoration, invasive plant monitoring, vegetation mapping, vital signs monitoring, rehabilitating Mojave desert ecosystem, rangeland condition assessments and dark sky monitoring.

**DEC 13 HISTORY OF THE SHIWITS PAIUTE RESERVATION – LEO LYMAN**

Edward Leo Lyman received a Ph.D. from the University of California, Riverside. After 17 years in Victor Valley CA, he moved to Silver Reef UT in 2004. He continues to be a very active historian here in the southwest. This presentation will focus primarily on events in local history that culminated in the creation of the Shivwits Paiute reservation.

**DEC 20 KEITH BEHUNIN AND HIS FERTILE DIRT BAND**

A favorite holiday Brown bag tradition, the Fertile Dirt Band returns! The Fertile Dirt Band is an audience interactive bluegrass band utilizing the musical instruments that were available in the days of the pioneers. Our audience will recreate that pioneer music sound with washboards, spoons, cow bells, jugs, washtub bass and bending saws, the sounds of which have not been heard for 150 years. Fun takes precedence over aural (of the ear) sensuousness!

**DEC 27 NO LECTURE DUE TO HOLIDAYS**

**JAN 3 NO LECTURE DUE TO HOLIDAYS**

**IMPORTANT NOTE REGARDING REGISTRATION TO ATTEND BROWN BAG LECTURES:**

Due to limited seating and high demand, you must register to attend any lecture. Sign up begins one week prior to each program at approximately 1:10 p.m. on each Friday at the conclusion of the program. Sixty seats are reserved for general admission, with an additional 20 seats for DASIA members. An additional 30-slot waiting list will be made available when the program is oversubscribed. Those on the waiting list will be contacted by telephone when a seat becomes available. Please be at the Public Lands Information Center by 11:45 a.m. to claim your seat.

Reservations may be made by calling the Public Lands Information Center at 435.688.3200