Old Pueblo Archaeology Center presents:

Flyer date June 5, 2023

Archaeology, Paleontology, and Environmental Sciences Laboratories Tour

with Paul & Suzanne Fish, Robert Villa, Lynne Schepartz, & Donna MacEachern

Saturday July 22, 2023 8 am to 12:30 pm

$35 donation per person ($28 for Old Pueblo Archaeology Center members and Friends of S'edav Va'aki Museum members) benefits Old Pueblo's education and research programs

In this TOO-COOL SUMMER TOUR we'll visit two of Tucson's premiere environmental-science laboratories: The DESERT LABORATORY ON TUMAMOC HILL and the LABORATORY OF TREE-RING RESEARCH, both administered by the University of Arizona (UA).

The Tumamoc Desert Laboratory was established in 1903 as the Carnegie Desert Botanical Laboratory by the Carnegie Institution of Washington, and is now listed in the National Register of Historic Places. In 1940 the Carnegie Institution sold it to the US Forest Service for $1, and in 1956 the UA bought it from the US government, promising in the deed to use it solely for research and education. In its 120 years of existence, the Tumamoc Hill and Desert Laboratory staff have been on the cutting edge in the fields of paleontology and desert ecology.

The UA Laboratory of Tree-Ring Research (LTRR) also has a venerable record of research, in archaeology, astronomy, and environmental sciences. It was created in 1937 by UA Professor of Astronomy Andrew Ellicott Douglass, the founder of the science of dendrochronology. The LTRR has helped establish many other dendrochronology and tree-ring science laboratories around the world and remains a foremost facility for environmental research, teaching, and outreach.

For tour details see the following pages.

Donation prepayments are required 10 days after reservation request or by 5 pm Wednesday July 19, whichever is earlier. To register or for more information contact Old Pueblo Archaeology Center at 520-798-1201 or info@oldpueblo.org.

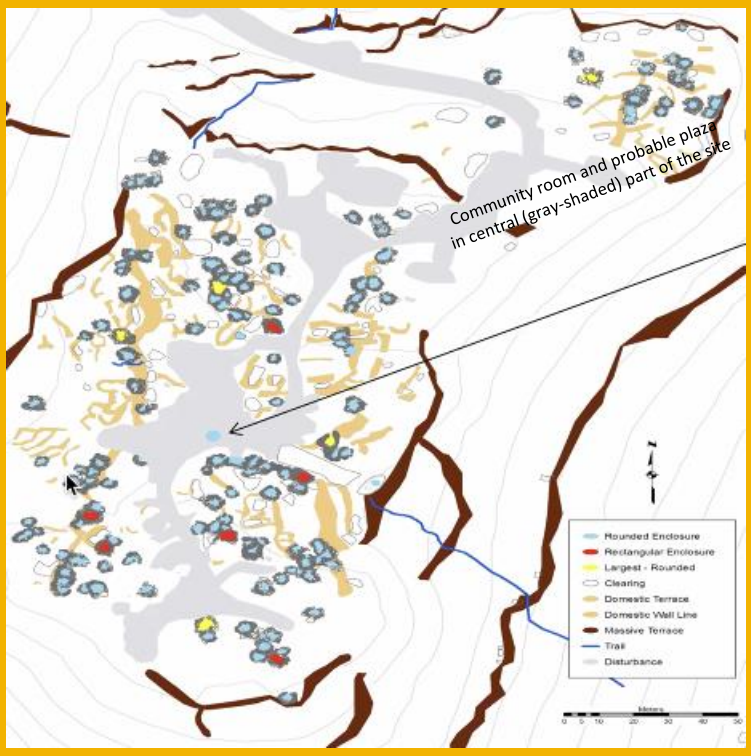
Tentative Tour Itinerary

The tour will meet at the Mercado San Agustín on W. Congress St. (see directions on next page). After a brief orientation there, participants will double up in carpools for the winding road trip up Tumamoc Hill to the Desert Laboratory since parking is limited at the Lab.

At the Desert Lab, Dr. Suzanne Fish and Dr. Paul Fish, who directed archaeological excavations atop Tumamoc Hill a few years ago, will give a presentation about their findings and interpretations.

Next, Desert Lab Community Outreach Assistant Robert Villa will tell us about the history of the Desert Laboratory on Tumamoc Hill, where cutting-edge environmental research still is being done in the historic buildings that were constructed starting shortly after the turn of the last century.

Following the presentations, Robert will guide our group through the main Desert Laboratory building, and the Desert Lab's Paleontology Collections Manager Dr. Lynne Schepartz will show us its Paleontology Lab annex (which includes numerous mammoth bones).



After our Tumamoc visit, we will carpool back to the Mercado San Agustín, where carpoolers will return to their own vehicles, then we will form a caravan to head to the Sixth Street Garage at the University of Arizona. From the garage we will walk across Santa Rita Ave. to the Bryant Bannister Tree-Ring Building that houses the Laboratory of Tree-Ring Research.

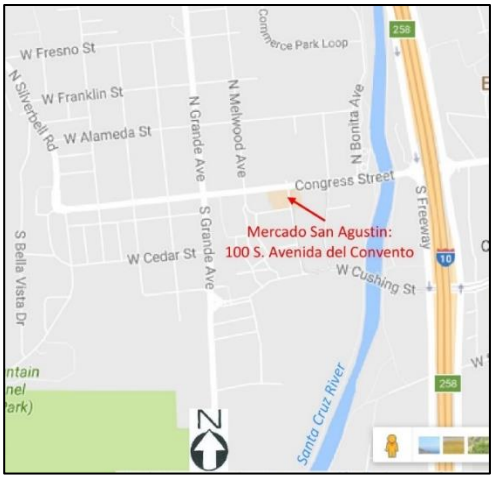
At the Tree-Ring Lab, docent Donna MacEachern will share some of the history of the Tree-Ring Lab and its founder, astronomer Dr. Andrew Ellicott Douglass. Then she will lead us through much of the Bannister Building, tentatively including its Southwestern Archaeology, Dendroecology, and Mediterranean Dendroarchaeology laboratories.

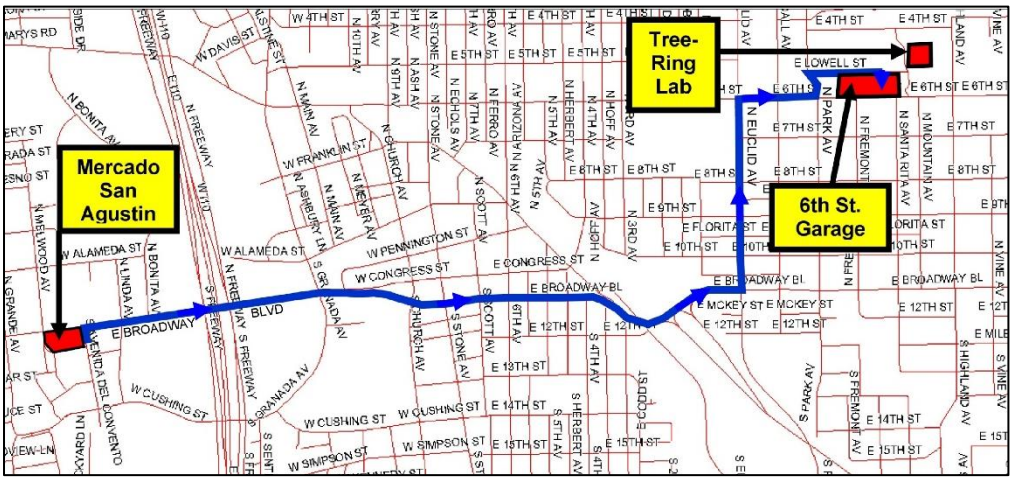
SEE NEXT PAGE FOR IMPORTANT INFORMATION

IMPORTANT TOUR INFORMATION

FIRST TOUR MEETING PLACE: The tour will meet in the courtyard at **Mercado San Agustín,** 100 S. Avenida del Convento, Tucson (at Congress St., see map).

SECOND MEETING PLACE: From the Mercado we will caravan eastward on Congress St., which becomes Broadway Blvd., then north on Euclid Ave., east on 6th Street, north on Park Ave., and east on Lowell St. to park in the U of A's Sixth Street Garage, which is just across Santa Rita Ave. from the Tree-Ring Lab.





Maps to the first (left) and second (right) meeting places

TRANSPORTATION: Registrants are responsible for their own transportation. All driving is along paved roads.

CARPOOLING IS REQUIRED: The first tour segment to the Desert Lab is limited to five vehicles on the Tumamoc Hill Road, so carpooling is required and no more than 20 people including Old Pueblo's tour coordinator (Allen Dart) can register depending on whether we can designate five 4-passenger vehicles for carpooling from Mercado San Agustin to and from the Desert Lab. After we leave Tumamoc Hill we will return to the Mercado, where carpoolers can rejoin their own vehicles and the entire group can caravan from the Mercado to LTRR for the second tour segment.

To register for the tour you must be willing to ride in another person's vehicle if Old Pueblo assigns you to a specific carpool vehicle other than your own.

ACCOMMODATIONS & MEALS: No lodging or meals are included in the tour donation.

COST AND PAYMENT POLICY: Reservations are accepted on a first-come basis. The full donation is due within 10 days of requesting the reservation or by the reservation deadline, whichever is earlier. A portion of the donation will be a tax-deductible contribution to Old Pueblo Archaeology Center in an amount to be determined based on tour expenses compared to revenues after all expenses have been paid. Any entrance fee savings from passes, permits, memberships, etc., become part of the donation to Old Pueblo Archaeology Center. We welcome singles, couples, and groups.

CANCELLATIONS less than seven days prior to departure date are not refundable. Cancellation notice must be received in writing or via email and will be effective as of the date received. Cancellations after final payment date/time will result in forfeiture of all money paid. No refund will be made for leaving a program in progress. Trip insurance is highly recommended. Old Pueblo reserves the right to cancel programs while in progress and to take action as needed on an individual or group basis, when in Old Pueblo's sole opinion the health, safety, or well-being of participants requires such action. The tour itinerary is subject to change at the discretion of Old Pueblo Archaeology Center, but participants will be notified of significant changes in advance if the change is under the control of Old Pueblo.

Check out Old Pueblo Archaeology Center's other activities at www.oldpueblo.org.

Page 1 upper photo: *Bryant Bannister Tree-Ring Building, from The University of Arizona Life & Work Connections website, https://lifework.arizona.edu/cwp/s4street/arch*

Page 1 lower photo: *Tumamoc Hill Desert Laboratory and Tumamoc Hill walkers at sunset, by C. Paul Mirocha, from Desert Lab website, https://tumamocsketchbook.com/2015/04/view-from-the-desert-lab.html*

Page 2 upper photo: *Map of Tortolita phase archaeological village site on Tumamoc summit, courtesy of Suzanne and Paul Fish*

Page 2 lower photo: *Giant sequoia tree cross-section at the Laboratory of Tree-Ring Research, photo by John Kay*