

Oldest trees on East Coast date to Roman times

Bob Whitby

University of Arkansas

FAYETTEVILLE, Ark. – A recently documented stand of bald cypress trees in North Carolina, including one tree at least 2,624 years old, are the oldest known living trees in eastern North America and the oldest known wetland tree species in the world.

David Stahle, Distinguished Professor of geosciences, along with colleagues from the university's Ancient Bald Cypress Consortium and other conservation groups, discovered the trees in 2017 in a forested wetland preserve along the Black River south of Raleigh, North Carolina. Stahle documented the age of the trees using dendrochronology, the study of tree rings, and radio carbon dating.

The ancient trees are part of an intact ecosystem that spans most of the 65-mile length of the Black River. In addition to their age, the

trees are a scientifically valuable means of reconstructing ancient climate conditions. The oldest trees in the preserve extend the paleoclimate record in the southeast United States by 900 years, and show evidence of droughts and flooding during colonial and pre-colonial times that exceed any measured in modern times.

"It is exceedingly unusual to see an old-growth stand of trees along the whole length of a river like this," Stahle said. "Bald cypress are valuable for timber and they have been heavily logged. Way less than 1 percent of the original virgin bald cypress forests have survived."

For the newest study, researchers used non-destructive core samples from 110 trees found in a section of the wetland forest they had not previously visited. "The area of old growth bald cypress was 10 times larger than I realized," Stahle said. "We think there are older trees out there still."



Dan Griffin

An ancient bald cypress towers above a wetland near Raleigh, North Carolina. The trees along the Black River are more than 2500 years old.

WHAT'S HAPPENING

SEE THE EXPANDED ONLINE CALENDAR AT EASTERNOREGONEVENTS.COM

THURSDAY, AUGUST 1
KICKBOXING FITNESS CLASS: 5:15 a.m. The Vault in Enterprise. Hurricane Point Fitness. No experience necessary. Certified instructors. 541-398-2131.

PILATES IN WALLOWA: 9 a.m. Wallowa Senior Center. Sponsored by Community Connection.

FLORA SCHOOL SIP, SEW & SING: 9 a.m. to 3 p.m. Flora School. Bring a drink/snack, sewing/crafts and sing (or not) every Thursday.

LIBRARY STORY TIMES: 10:30 a.m. to 11:30 a.m. Enterprise City Library. Parents and children 0-5. Circle time, story-time and activity at the Library.

FREE SUMMER LUNCH IN THE PARK: Noon to 12:30 p.m. Monday through Thursday. For children 0-18. At Wallowa, Enterprise and Joseph parks. Sponsored by Building Healthy Families.

WALLOWA COUNTY CHESS CLUB: 4 p.m. to 8 p.m. Joseph Center, Joseph. Free. Tourists and players of all levels are welcome.

COURTHOUSE CONCERT SERIES: 5:30 p.m. Courthouse gazebo, Enterprise. Free outdoor musical gathering.

ANNUAL STAR PARTY: 7 p.m. to midnight. Wallowa Lake State Park's Day Use area. Astronomy activities and dark sky viewing with local and visiting astronomy enthusiasts. All ages welcome. Free.

FRIDAY, AUGUST 2
ZUMBA: 6:30 a.m. The Place, Joseph. No experience needed. Instructor: Tammi Chapman.

PARENT/CHILD PLAYGROUPS: 9:30 a.m. to 10:30 a.m. Building Healthy Families. Targeting parents and children 0-5. Songs, stories, snacks and activities focusing on developing kindergarten readiness skills.

RESTORATIVE YOGA: 9:45 a.m. to 11:15 a.m. Above the Lostine Tavern in Lostine. A gentle style of yoga. Instructor: Esther Petrocine. salutations-studio.com

SUMMER YOUTH ART: 10 a.m. to 4:30 p.m. Joseph Center.

FOOD GIVEAWAY: 11:30 a.m. Wallowa Senior Center in Wallowa, 11 a.m. Enterprise Senior Center and noon at The Place in Joseph. Sponsored by Wallowa Fresh

Food Alliance. Perishable food available.

LOWER VALLEY FARMERS MARKET: Noon to 6 p.m. Held indoors, on Main Street, across from Wallowa Food City in Wallowa. Produce, eggs, grass fed beef, handcrafted items.

OPEN STUDIO PAINTING: 2:30 p.m. to 4:30 p.m. Joseph Center.

DISCOVERY WALK: 3:30 p.m. to 5:30 p.m. Leave from Wallowology. Family friendly! Free.

BACK COUNTRY BASH: 6 p.m. to 10 p.m. Harley Tucker Arena, Joseph. Enjoy a week-end of American/Red Dirt music, onsite camping, vendors and an after party breakfast. Presented by CJD Rodeo Committee.

OPEN MIC NIGHT: 7 p.m. to 10 p.m. Terminal Gravity, Enterprise.

FAMILY MOVIE NIGHT: 8:30 p.m. to 10 p.m. Wallowa Lake State Park, campground program area.

SATURDAY, AUGUST 3
MILITARY RIFLE MATCH: Registration 8 a.m. to 8:45 a.m.; match begins at 9 a.m. Eagle Cap shooting range, 7 miles north of Enterprise on Hwy 3. Turn right on Ant Flat Road. Military rifles with iron sites or scopes, or both with different rifles. Forty rounds per rifle, per entry. Cost is \$15 for each entry. www.eaglecapshooters.com

WALLOWA LAKE STATE PARK TRIATHLON & 5K WALK/RUN: race starts at 8 a.m. to noon. Wallowa Lake Marina. 541-426-4004 or www.wcsafe-harbors.com

WALLOWA COUNTY FARMERS MARKET: 9 a.m. to 2 p.m. Next to Stein Distillery in Joseph. Fresh local food, handmade arts & crafts, live music and community. WIC, SNAP, Double Up Food Bucks & Veggie Rx vouchers accepted.

SUNRISE IRON MUSEUM DAY: All day. 65708 Sunrise Rd., Enterprise. Wheat farmer Erl McLaughlin opens his showroom to share his awe-inspiring collection of over 100 tractors, plows, cultivators and other antique machinery from the early 1900's. Free.

ZUMBA GOLD: 9 a.m. 30 minute seated class; 9:30 a.m. standing class. Enterprise Senior Center. A fitness class for seniors that combines Latin dance music with fitness moves. A doctor's note

releasing you to participate in Zumba Gold is required. Call Becky McAuliffe for info at 541-263-0224.

WALLOWA COUNTY FAIR: 9 a.m. 4-H Dog Show begins. Fairgrounds.

DISCOVERY WALK: 9:30 a.m. to 11:30 a.m. Leave from Wallowa Lake Lodge. Family friendly! Free. Sponsored by Wallowology.

LOWER VALLEY FARMERS MARKET: 10 a.m. to 4 p.m. Held indoors, on Main Street, across from Wallowa Food City in Wallowa. Produce, eggs, grass fed beef, handcrafted items.

BACK COUNTRY BASH: 3 p.m. to 11 p.m. Harley Tucker Arena, Joseph.

SUNDAY, AUGUST 4
LOWER VALLEY FARMERS MARKET: 10 a.m. to 4 p.m. Held indoors, on Main Street, across from Wallowa Food City in Wallowa. Produce, eggs, grass fed beef, handcrafted items.

WALLOWA COUNTY FAIR: Noon. 4-H Horse Show begins. Fairgrounds.

BINGO: 1 p.m. to 4 p.m. VFW Hall, Enterprise.

MONDAY, AUGUST 5
ZUMBA: 6:30 a.m. The Place, Joseph. No experience needed. Instructor: Tammi Chapman.

WALLOWA COUNTY FAIR: 8 a.m. to noon. Open Class non-perishable entries delivered to Cloverleaf Hall.

WALLOWA COUNTY FAIR: 9 a.m. to 11 a.m. 4-H exhibits (except livestock) delivered to Cloverleaf Hall kitchen.

OPEN STUDIO - PRINTMAKING: 10 a.m. to 3 p.m. Joseph Center.

KICKBOXING FITNESS CLASS: 6:15 p.m. Oddfellows Hall in Enterprise. Hurricane Point Fitness. No experience necessary. Certified instructors. 541-398-2131.

FAIR BOARD MEETING: 6 p.m. to 7 p.m. Wallowa County Fairgrounds, Enterprise.

TUESDAY, AUGUST 6

WALLOWA COUNTY FAIR: 8 a.m. to noon. Open Class perishable entries delivered to Cloverleaf Hall.

PILATES IN WALLOWA: 9 a.m. Wallowa Senior Center.

QUILTING GROUP: 10 a.m. to 3 p.m. Wallowa Senior Center, 204 E. 2nd St., Wallowa. Sponsored by Community Connection.

ADULT CERAMICS CLASS: 4 p.m. to 7 p.m. Joseph Center.

GENTLE YOGA: 4:15 p.m. to 5:45 p.m. Ideal for beginners, people with injuries, pregnant women, new mothers or anyone seeking a calming, therapeutic practice. The Place, Joseph. Esther Petrocine.

WEDNESDAY, AUGUST 7
ZUMBA: 6:30 a.m. The Place, Joseph. No experience needed. Instructor: Tammi Chapman.

"UNDERSTANDING POVERTY" WORKSHOP: 10 a.m. to 2 p.m. Island City Hall, 10605 Island Ave. \$25 includes lunch. Roundtable discussions for volunteers, boards and staff members to learn, share and discuss DEI methods and strategies. Presented by trainer Erica Tucker and sponsored by Northeast Oregon Economic Development District. Register at <https://bit.ly/327zaex>.

WALLOWA COUNTY FAIR: 10 a.m. Cloverleaf Hall opens.

FOOD GIVEAWAY: 11:30 a.m. Wallowa Senior Center in Wallowa, 11 a.m. Enterprise Senior Center and noon at The Place in Joseph. Sponsored by Wallowa Fresh Food Alliance. Perishable food available.

ROTARY CLUB OF WALLOWA COUNTY: Noon, St. Katherine Catholic Church, 301 E. Garfield St., Enterprise. Public is invited.

WALLOWA COUNTY FAIR: 2 p.m. 4-H/FFA Livestock entries begin.

WINE GLASS PAINTING: 5:00 p.m. to 7 p.m. Joseph Center. Free wine glass painting lesson with Kodi McCleary. All materials provided and the result is donated to the Wallowa Valley Festival of Arts opening night festivities.

SALUTING THE SUN: 5:30 p.m. to 7 p.m. Above Lostine Tavern. Gain essential tools to help alleviate back pain or discomfort.

KICKBOXING FITNESS CLASS: 6:15 p.m. Oddfellows Hall in Enterprise. Hurricane Point Fitness. No experience necessary. Certified instructors. 541-398-2131.

"WHO ARE THE DESERVING POOR?": 7 p.m. Building Healthy Families, 207 E Park St., Enterprise. Erica Tucker facilitator. Free, no registration required. Public is welcome. For more info, <https://bit.ly/2FYq7Ds>.

OBITUARIES

Lee Johnston Stockton

April 30, 1940-July 10, 2019

Lee Johnston Stockton, 79, of Show Low, Arizona passed July 10, 2019 in Lakeside, Arizona due to Myelodysplastic Syndrome (MDS), a form of bone marrow cancer. He fought this disease with all his might for several years. Lee was born April 30, 1940 to Cecil Clarence Stockton and Elizabeth Johnston Stockton in Burbank, California.

During his teenage years he was an active member of the DeMolay and served as Chaplain for several terms. He graduated from Verdugo Hills High School in Sunland, California in January, 1959. He enlisted in the U.S. Army serving his country at several posts in the United States, Korea and Germany. After his Honorable Discharge in 1962 he returned to California and worked at Lockheed Aircraft in Burbank as a machinist, retiring from Lockheed in 1999 after 37 years with that company.

Lee was married in 1964 to Susan Wall. They raised three daughters.

In 1995, Lee re-married and Marjorie became his wife. They lived in Palmdale, California until 2004.

In 2004, Lee and Marjorie moved to Enterprise, Oregon. In 2011, they moved to Show Low, Arizona, where Lee became a member of the Freemasons and the Order of the Eastern Star.

Survivors include his wife, Marjorie of Show Low, Arizona; his three (3) daughters and their families namely Jenny (Mark) Hackett of Virginia; Lisa (Steve) Madaras of Oregon; Lynette (Curt) Hod-

nefield of Florida; along with Grandsons Nicholas, Noah and Zachary Hackett; Elijah Madaras; Cameron (Catie) Hodnefield, and Mason (Nilssa) Hodnefield; and great-granddaughter Gemma Hodnefield.

Also, surviving is Lee's twin brother Robert (Linda) Stockton of Oregon; step-children Michael Lara of Vernon, Arizona; Rhonda (Bob) Tackett of Kingman, Arizona; step-grandchildren Jennifer (Josh) Zone, Steven (Kayla) Moore, Michael Moore; and four step-great-grandchildren Carlee, Parker, Jensen, and Emery.

He was predeceased by his parents, Cecil and Elizabeth Stockton; and step great-grandson, Payton Moore.

Lee requested his body be donated for scientific purposes. He will have a Masonic and Eastern Star memorial service and then will be resting at Arlington National Cemetery.

Lee's wife, Marjorie and his family greatly appreciate the outstanding care Lee received from Haven Health of Lakeside, Arizona for the last sixteen months; in particular, Dr. Brian Goodman, Catalina Browning, D.O.N. and her staff.

Services for Lee will be Sunday, September 15, 2019 at 3:00 pm and will be held at the Masonic Hall, 741 E. Whipple St., Show Low, Arizona 85901.

In lieu of flowers, please consider sending memorial contributions to any one of the many Shriner's Children's Hospitals; or to White River Lodge #62 (Masons), P.O. Box 336, Show Low, Arizona 85902.

DEATH NOTICES

Wilfred Daggett

Wilfred Daggett of Joseph died July 25 at Boise, Idaho. A graveside service will be held Friday Aug 2 at 2:00 pm

at the Joseph Cemetery with vault interment to follow. Bollman Funeral Home entrusted with arrangements.

ABOUT OBITUARIES

News obituaries are a free service of the Wallowa County Chieftain. Obituaries are accepted from family members or a funeral home. No handwritten obituaries will be accepted. Information submitted is subject to editing. Obituaries that exceed 400 words will be referred to the advertising department for paid memorials. Send obituaries by email to editor@wallowa.com; fax to 541-426-3921 or mail to P.O. Box 338, Enterprise, OR 97828. Deadline to submit an obituary is 10 a.m. Monday for publication the same week. Obituaries submitted after deadline will be queued for publication in the next edition. Info: 541-426-4567.

Weather Forecast



Courtesy of Weather Underground • wunderground.com

	High	Low	Conditions
Aug. 1	85	52	Sunny
Aug. 2	80	48	Sunny
Aug. 3	82	50	Sunny
Aug. 4	87	55	Mostly sunny
Aug. 5	86	54	Mostly sunny
Aug. 6	85	53	Mostly Sunny
Aug. 7	83	51	Mostly Sunny

Phases of the moon

July 31	Aug. 7	Aug. 15	Aug. 23
New Moon	1st Quarter	Full Moon	Last Quarter

WALLOWA COUNTY SUNRISE & SUNSET AUG. 1-7
(from the U.S. Naval Observatory)

THUR	FRI	SAT	SUN	MON	TUES	WED
5:33	5:34	5:35	5:37	5:38	5:39	5:40
8:17	8:16	8:14	8:13	8:12	8:10	8:09

RAILRIDER CYCLING
JOSEPH BRANCH
541.786.6149

NEW RIVER RUN from Minam

The Joseph Branch has added new tours! 2, 6 and now 4-hour round trip adventures!

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Reservations are required for all departures from Minam

For more information JBRAILRIDERS.COM

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