



P.O. Box 993777 • Redding, CA 96099 • ecoshasta.org

Shasta Environmental Alliance Blue Oak Acorn Planting on Westside Trail

Shasta Environmental Alliance will be planting more blue oak acorns on the Westside Trail in Redding during the month of January. This year we will be putting up small stakes and wire enclosures to keep out deer for 20 to thirty trees. For these trees we will haul up water in a garden wagon to deep water several times during the summer until they are established. The rest will be planted individually without protection. Due to COVID we can only take four or five new people each day and everyone must wear masks and social distance. The days will depend on the rain, however we have scheduled Saturday January 9 and 16 and will schedule other days as volunteers are available in January.

Later in the year we will also do some cutting of black and interior live oak trees that have sprouted from the root crown. This will involve cutting some of the suckers and leaving the tallest leaders so most of the growth of the plant will go into a few sprouts, resulting in a faster growing tree.

If you would like to volunteer, contact David Ledger at dledger@sbcglobal.net for further information. Thank you to Margaret Beck and Tom Morehouse for collecting many of the acorns. These efforts will not only restore habitat but will sequester a lot of CO₂ over the 250+ year life of a blue oak. Most of the blue oaks are not resprouting following the Carr Fire although black oak and interior live oak are. The toyon is doing great. If a COVID lockdown is declared for our area, this will be only be by individual effort.

SEA Volunteers Needed!!!

Would you like to help SEA? We could use volunteers in many areas: letter/email writing, writing articles for our newsletter, newsletter editor, creek cleanup, help organizing cleanups, planting acorns, watering the oak trees in the summer, helping with Oregon Gulch fencing project this spring, contacting city and county officials for information. If interested, email us at ecoshasta@gmail.com.

Op-Ed from Yahoo News: Is burning wood for power carbon-neutral? Not a chance

SEA previously presented the documentary film BURNED: Are Trees the New Coal? This documentary showed how Europe is meeting much of its carbon reduction goals by converting many of its electricity generating coal plants to wood burning biomass and rating the energy as carbon neutral because eventually the trees will grow back. Unfortunately, this will take 80 to 100 years and is resulting in the clearcutting of many forests in the US Southeast as well as in Europe. In the documentary they showed how wood biomass produces up to 150% more CO₂ greenhouse gases than coal power plants.

In the links below, you can go to the Yahoo article below and also see a link where 796 European scientists signed an appeal opposed to wood burning biomass electricity production because of the high CO₂ greenhouse gases produced. There is also an article on the opposition to wood burning biomass from the 27-nation European Academies Scientific Advisory Council.

This does not apply to waste wood at a lumber mill, scrap wood or wood that would be burned in piles. It *does* apply to logs left after a burn, but not the slash.

<https://www.yahoo.com/news/op-ed-burning-wood-power-111535561.html>

<https://easac.eu/publications/details/commentary-on-forest-bioenergy-and-carbon-neutrality/>

<https://empowerplants.files.wordpress.com/2018/01/scientist-letter-on-eu-forest-biomass-796-signatories-as-of-january-16-2018.pdf>

Recycle Corrugated Boxes

With the increased shipping via Amazon and other online companies due to the COVID outbreak, box manufacturers are now encountering a shortage of recycled corrugated to make new boxes. The fortunate side effect of this is the price of recycled corrugated materials is going up meaning many recycling operations, both public and private can see an increase in their profits. If you have clean used boxes lying around, make sure you recycle them as the less recycling material available, the more trees have to be used for pulp material. Remember, do not recycle oil-stained boxes such as pizza boxes as they will contaminate the pulp mixture and make weak boxes.

**As the Nest Turns:
The Continuing Saga of the Redding Eagles
Wintu Audubon Zoom Meeting
Wednesday, January 13, 7 pm**

Terri Lhuillier will share the continuing saga of our famous Redding Eagles as she begins her 17th nesting season closely monitoring the local bald eagle pair. Terri has been following “Liberty” for 17 years since the bald eagle pair first arrived and built a nest at Turtle Bay in Redding back in 2004. She has spent numerous hours observing, documenting and photographing Liberty with her 3 mates as they successfully raised 22 eaglets from egg to fledgling!

Terri will discuss how her passion for eagles has grown over the years and how now, she and her husband Dave, monitor seventeen bald eagle nests in Redding, Anderson, Palo Cedro, Red Bluff and Corning. Terri and Dave document annual nesting data for the nests which they share with several Fish and Wildlife and Whiskeytown biologists to help them monitor the local bald eagle population.

This presentation will be held at 7pm on **Wednesday, January 13th** on Zoom. Below is the link to sign on:

Join Zoom Meeting
<https://zoom.us/j/91500644744>

Shasta County is Increasing its Solar Power

Shasta County is increasing the conversion of many of its facilities to solar power after only being approved by the Board of Supervisors at the end of 2019. This conversion will reduce costs to the taxpayers and reduce CO2 gases from electricity generation.

The facilities that have completed, or nearly so, their conversion to solar power include: District Attorney’s office on West Street. (The old library); The Development Resources and Planning Department on Placer and West Streets; the Road Maintenance yard on Eastside Road; the Health Department at the end of Breslauer Road; and the Human Services Department on Breslauer Road, the old hospital. SEA sent a letter in support of the County investing in the solar power installations in 2019.

Shasta College completed a huge solar power installation in 2019 elevated above the east parking lot.

Solar Power, Cont.

This provides up to 80% of its electricity needs with a smaller nearby installation. The parking lot facility also has a number of charging stations.

The Bella Vista Water District completed a solar installation for its offices and maintenance yard in 2019. It also has smaller installations at various facilities in the district.

In a related area, the City of Redding purchased three more electric vehicles to its small fleet of about 20 EV’s. SEA sent a letter in support of the purchases.

Two local groups that have been urging local officials to do more to combat climate change are North State Climate Action, www.nsclimateaction.org and Citizens Climate Lobby www.citizensclimatelobby.org in Redding. CCL is a national organization and the Redding group also lobbies Congressman Doug LaMalfa. Both groups are SEA supporting organizations.



Planning Department, Court and West St.



Health Department Breslauer Lane

North State Giving Tuesday a Success!

This was the first year SEA participated in Giving Tuesday and we had 39 separate donations for a total of \$1750 net. We also received more donations via US mail. Thank you to all of you who have contributed. We are being frugal with your donations and have plans for expansion of our efforts after the pandemic is tamed. We are hoping to be able to start work this spring on fencing off Oregon Gulch to OHV's, but that will depend on contagion rate of COVID.

Thank you to the following individuals who are helping us with our work!

\$20 to \$99

Derle Gilliam, Catherine McKnight, Sabrina Hofkin, Allan Craig, Miki Catalfano, Ellen Sugg, Dan Scollon, Bob Madison, Tom O'Mara, Peter Alexander Linda Samuels, Belinda Higuera, Penny & Daryl Harris, Jonathan Foster, Shirley Flynn, John Deaton, Dawn Bieser, Ellen Sugg, Donald Yost, Margaret Beck, Kathy Grissom, John Livingston, Muffy Berryhill, Buck and Sue Lang, Richard Ramos, Cathy Reisfelt, Kathryn McDonald, Alexas Singer-Telles, Jim & Gayle Citta, John Springer, Steve and Cathy Callan, Gary Lauben, Ellen Suggs, Sharon Kennedy, Andrea Hughes, Janice Hunter, Jeff Morrow, MaryAnn McCray, Collette Streight, Tricia Hamelberg, Karen Hazeltine and three anonymous.

\$100 to \$249

Donald Owen, Mark Martinek, Alan Lefler, John & Lisa Kelsey, Dan Greaney, Barbara Featherstone, Doug Mandel, Susan Weale, Aileen Chris Gray, Pamela Sanchez, Connie Word, Aleta Carpenter, Anonymous, Karen Foss and Shelly Swanson, John Lefler, Dave Korman, Ron Dykstra, David Zoll, Bill Oliver, David Ledger, George and Darlene Horn, Linda Materson, Mark and Molly Wood, Judy Salter, Shasta County Green Party, California Oak Coalition

\$250 to \$499

Doug Craig, Bea Currie, Lang Dayton, Ray Pfister and Lisa Ross, Dave and Barb Klasson, Peter Waller

\$500 to \$999

Karen Little, Chris and Billie Harvey, Shasta Chapter, California Native Plant Society, Don and Laurie Burk, Shasta Group of Sierra Club, Wintu Audubon.

\$1000 & Up

Chris and Billie Harvey, Bob and Diane Madgic, Karen Little

If we missed your name, please let us know!!!

You can donate to SEA by mail at PO Box 993777. Redding, CA 96099 or going to our website at www.ecoshasta.org.

What is happening with the Tree Ordinance?

This is a long process, but we have been contacting city officials behind the scenes by phone, email and Zoom as well as industry officials. Unfortunately for the last 9 months we have been unable to give presentations to meetings of various civic groups due to COVID and it is hard to collect signatures during this time. However, if you have not signed our online petition at <https://www.ecoshasta.org/redding-tree-ordinance-2/> or our paper one, please do so as we have not yet reached 1000 signatures.

Keep us notified if you see trees being cut down on lots over one acre that aren't a planned development as we have started to increase our notification to the City of violation of the ordinance. Do you see equipment parked under oak trees in a new subdivision? That is a violation of the ordinance, they should not be parked within the dripline of a tree. This is during the construction phase.



Redding Tree Ordinance Violation: No fencing around dripline of tree, equipment parked underneath trees.

Fountain Wind Project

SEA sent in comments on this project.