

THE SANTA CRUZ MOUNTAINS BIOREGIONAL COUNCIL
PRESENTS

Research and Recovery After the Fire at Big Basin Redwoods State Park

A Virtual Symposium – Wednesday Nov. 15, 2023

To be live-streamed from 6:00 to 8:00 PM at:

<https://www.youtube.com/live/DtdmH3KCU8s>

-- This is a free event with no passcode required --

SYMPOSIUM AGENDA

Program moderator: Zane Moore, PhD Candidate, UCD

6:00 PM **Introductory Remarks** — *Jen Michelsen, President, SCMBC*

It's now been three years since the CZU fire occurred and species recovery has been mixed. Some species are recovering nicely and some species not at all. The recovery status of many species is still unknown. We encourage the use of scientific research in the park, such as those projects featured here, as a way to answer these and other questions.

6:15 PM **Impacts of the Fire on Streamside and Stream Channel Conditions for Fish and Frogs in Coastal Waddell Creek** — *Jerry Smith, PhD, Emeritus, San Jose State University*

Note: Jerry's detailed report, "[Waddell Creek CZU Post-Fire Surveys 2020 - 2023](#)" can be found here [link].

6:35 PM **Old Reserves and Ancient Buds Fuel Resprouting Redwoods at Big Basin** — *Drew Peltier, Assistant Professor, Univ. of Nevada at Las Vegas, School of Life Sciences*

6:55 PM **Postfire Recovery After the CZU: Ceanothus Invasion of the Redwood Understory and Threatened Knobcone Stands on Adjacent Slopes** -- *Jon Keeley,*

Senior Scientist, Western Ecological Research Center, USGS, and Adjunct Full Professor, Ecology and Evolutionary Biology, UCLA

7:15 PM Initial Impacts of the CZU Lightning Complex Fire on Breeding Birds – Alex Rinkert, Consulting Biologist

7:35 PM Reimagining Big Basin: Park Planning Post-CZU Fire – Will Fourt, Senior Planner, California State Parks

8:00 PM End of Symposium

CLICK ON CAPTIONS TO VIEW LARGER PHOTOS

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From left to right: (1) Former deep pool on main stem of Waddell Creek now filled with sediment from the burn area; (2) Basal sprouting of redwood two months after the fire; (3) *Ceanothus thyrsiflorus* went from largely absent before the fire to abundant afterwards; (4) Marbled murrelet chick on a nest (photo by A. Rinkert); (5) Most of the park is still off-limits to the public while trails are being rebuilt and planning proceeds.

Note: Proceedings will be recorded and made available for viewing in about two weeks' time through a link to appear on our website, www.scmhc.org. Much additional information about the 2020 CZU Fire and climate change can also be found there.