

WHAT YOU NEED TO KNOW ABOUT

CLIMATE CHANGE



& PALO CORONA
REGIONAL PARK'S
REDWOODS

Redwood forests make up the second largest habitat in Palo Corona Regional Park. Most of the redwoods can be found in the backcountry, in the valleys between ridges alongside streams

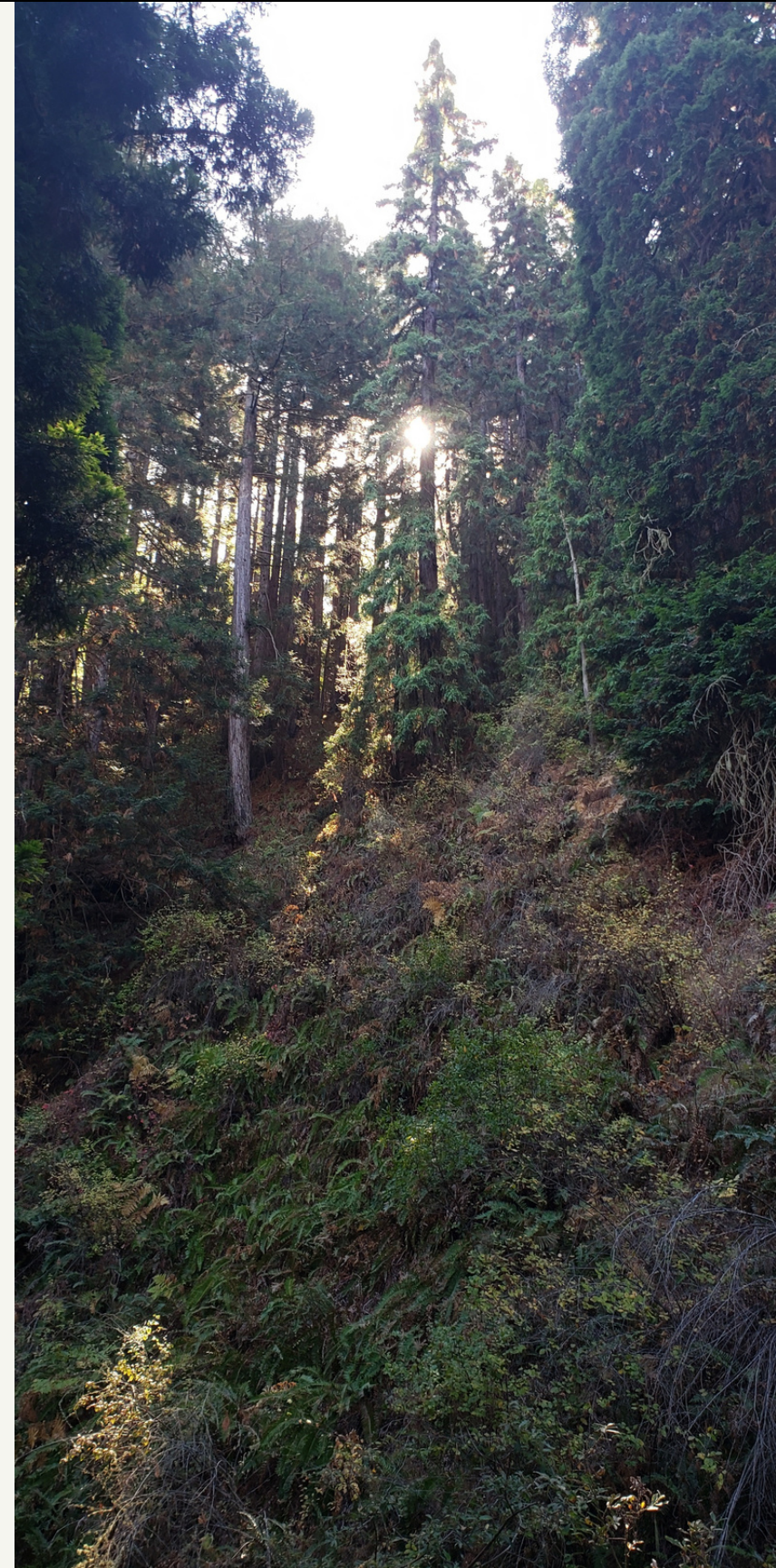
(MPRPD)



Redwoods absorb the most carbon per acre over any other forest on earth -

In fact, just one acre of redwoods can hold 1,000 metric tons of carbon

(Redwood NPS, What Good Is a Redwood?)



960
THOUSAND
TONS
CARBON
DIOXIDE = 192
THOUSAND
CARS
stored by Palo
Corona's
Redwoods
running over one
year





REDWOODS HERE IN
THE MONTEREY
PENINSULA COULD BE
AT RISK FROM
CLIMATE CHANGE BY
AS EARLY AS 2030

(McClosky)



Redwoods need a special climate to thrive: they like the air to be moist and fog-rich, with mild temperatures year-round

(County of Monterey)

Any major changes in these conditions, and redwoods can no longer survive

(National Parks Service)

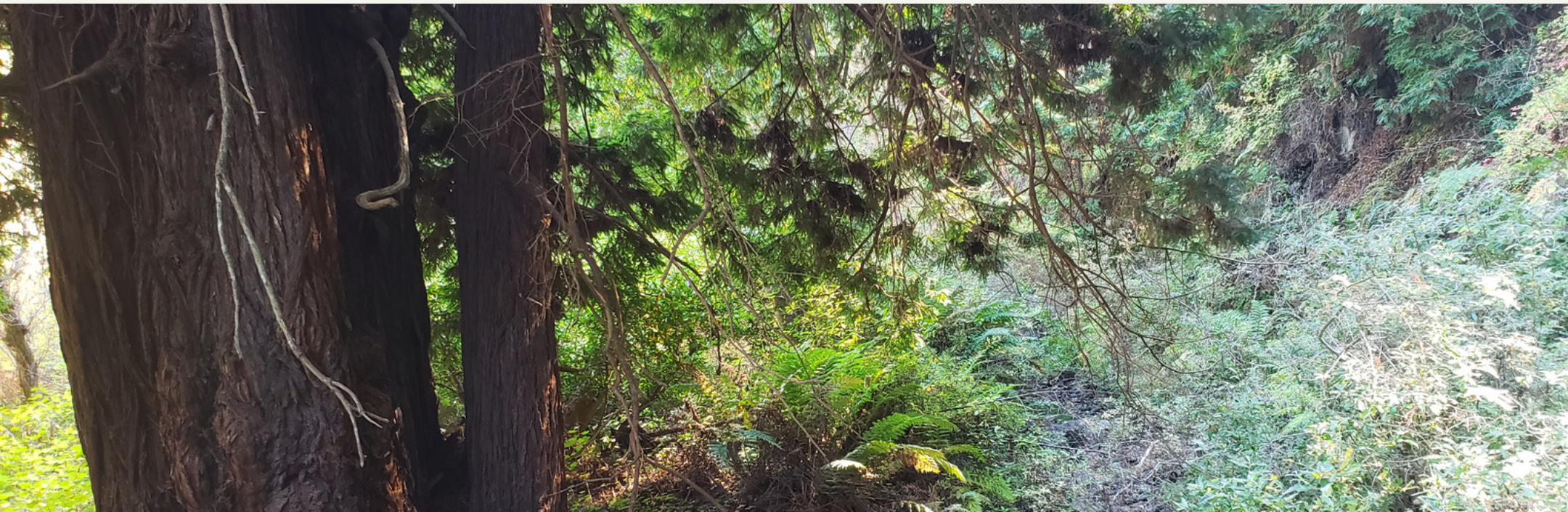


HOW WILL CLIMATE CHANGE AFFECT REDWOODS?

TEMPERATURE

Increasing temperatures are expected to increase stress on redwoods

(Gonzalez)





RAIN Changes in rain patterns will affect where redwoods are able to grow and survive
(National Parks Service)

FOG Fog can't form when it gets too hot; redwoods need fog to get the water they need.
(Gonzalez)



WHAT CAN YOU DO?

- **Vote** for people committed to protecting the environment and stopping climate change
 - **Volunteer** with local organizations that help the environment: www.mprpd.org/volunteer-community-alive
 - **Write** or call your local or state representatives to let them know you are concerned about climate change and want them to take action
 - **Know** that by working with your community, you can make a difference!
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SOURCES

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