

## Tallest Trees in the World!

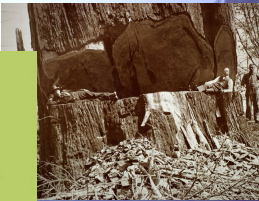
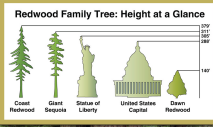
**Common name:** coast redwood  
**Scientific name:** *Sequoia sempervirens*

**Description:**  
Height: average 200-240 feet  
Diameter at base: average 15 feet  
Lifespan: over 2000 years




**Reproduction:** primarily sprouts new trees from the base of existing trees, can also grow from seed

**Energy connections:**  
Gets energy from: nutrient rich water and sunlight  
Gives energy to: black bears, elk, and rodents

**Fun fact:** Coast redwood trees are the tallest trees in the world. In our North Coast State Parks, we have several over 350 feet tall, rivaling the Statue of Liberty!

## Conifers

- Needles

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### Cones

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## Fires

- **Important role**
  - Rid the forest floor of combustible materials.
  - These fires create \_\_\_\_\_ for redwood seedlings (and other plants) to grow
    - Seeds germinate best on mineral soil as is \_\_\_\_\_ by flooding, fire, or wind.
    - Prefer full sunlight and grow rapidly.
  - Recycle \_\_\_\_\_.
- In contrast, **fire suppression** practices usually result in the accumulation of dead plant material that may fuel intense, destructive



## Weather

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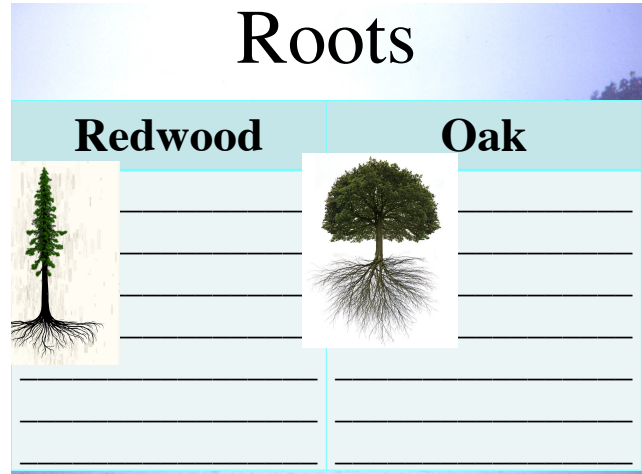
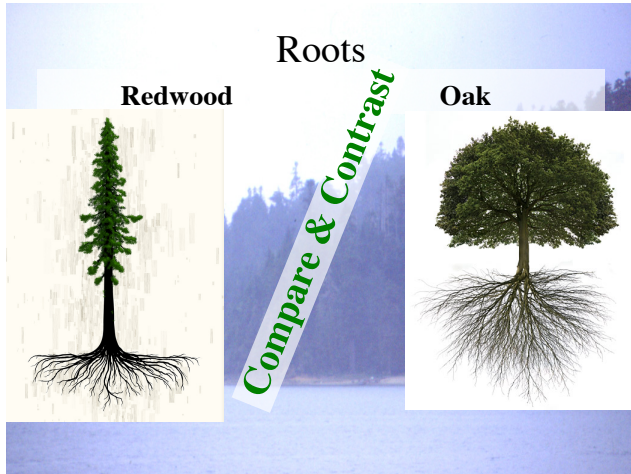
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- Redwoods can increase rainfall in forests by 10inches a year!



**Redwood Ranger Minute: Fog in the Redwoods**



**YOUR DAILY DEBBIE DOWNER DOSE**

**AFTER 150 YEARS OF LOGGING AND REAL-ESTATE DEVELOPMENT, APPROXIMATELY 5% OF THE ORIGINAL 2 MILLION ACRE COAST REDWOOD FOREST REMAINS.**