

THE IMPORTANCE OF PROPER TREE CARE IN BENICIA

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01

INTRODUCTIONS



Introduction-Our Goal

We will discuss the benefits that trees have on our community and why maintaining/planting more of them is crucial.

Pruning and maintaining trees is essential to the lifespan and quality of the trees, and will be going over proper tree care. Our goal is to get the community involved, educated and motivated. We are also working with the Benicia Tree Foundation to achieve these goals





02

Why are trees/ tree care essential?

Why are trees important?



- *They remove 53 tons of carbon dioxide and 430 pounds of air pollutants annually*
- *They absorb harmful pollutants and release clean oxygen*
- *A single tree can be home to hundreds of species of insect, fungi, moss, mammals, and plant*
- *Trees are a key ingredients in 25% of all medicines.*

Why is planting new trees important?



-Planting new trees is needed

-Current tree population struggling due to a variety of factors

-Decrease of existing trees means we can never really plant enough trees!

Why is taking care of existing trees important?



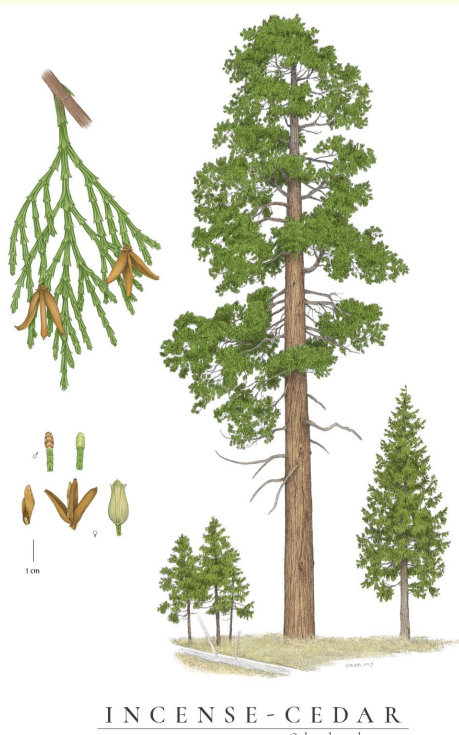
- *Without tree care, the trees will not be as healthy as they possibly could*
- *Maintaining the tree's structure helps to mitigate the risk of broken limbs and falling Branches.*
- *Proper tree growth*
- *Trees are more likely to live and thrive longer than an unpruned tree that isn't properly taken care of*



03

How to properly prune/Plant Trees

NATIVE TREES in BENICIA



California Incense Cedar:

- The California Incense Cedar is an evergreen tree that can grow up to 75 feet tall
- Fire tolerant
- Drought tolerant



Quercus agrifolia, Coast Live Oak:

- The Coast Live Oak grows up to 20 - 70 feet
- Drought resistant
- Cultural importance

NATIVE TREES in BENICIA pt 2



CALIFORNIA COASTAL REDWOOD

- Native to the coast range
- Between 0 and 3,600 feet
- Capture the most carbon dioxide



TOYON

- Easily reaches 12-18 feet
- Drought adapted with leaves
- Helps wildlife
- Also known as “Christmas berry” tree/shrub

HOW TO PRUNE/PLANT YOUR TREES SAFELY

If you do not already have one, please feel free to grab an informational flyer. The flyer has step by step instructions on how to properly prune and plant trees!



04

BENICIA COMMUNITY IMPACT



BENICIA TREE FOUNDATION

The path they are creating for Benicia...



Strengthening community by promoting and supporting tree planting, maintenance, and education.

www.beniciatrees.org

IF YOU ARE INTERESTED IN GETTING INVOLVED...

- *Tree care days are every 2nd Saturday and 3rd Thursday for most months of the year*
- *Check out their website for more in-depth look at their events planned*
- *Donate your equipment and skills!*

<https://beniciatrees.org/volunteer/>



BHS Tree Service Club

Partnered with the Benicia Tree Foundation



For the duration of the 2022-23 school year, we have created & led the Benicia High School Tree Service Club.

We have...

- ~ Recruited members interested in the upkeep and planting of trees*
- ~ Worked with the Benicia Tree Foundation (attending tree planting and care days)*
- ~ Spread the importance of trees to other high schoolers*
- ~ Signed the Arbor Day Proclamation for City Council*



Sources cited

<https://www.nationalgeographic.com/science/article/grand-old-trees-are-dying-leaving-forests-younger-shorter>

<https://www.permogreen.com/blog/2015/november/five-reasons-why-your-trees-need-pruning/>

<https://www.savatree.com/whytrees.html>

<https://patch.com/california/benicia/trees-for-your-california-native-yard>

<https://onetreepanted.org/pages/why-trees>



THANK YOU!!

In case you want to donate to any global organizations that plant trees, here are the names of the organizations :)

[NATIONALFORESTFOUNDATION.ORG](https://www.nationalforestfoundation.org)

INTERNATIONAL TREE FOUNDATION

TREES FOR THE FUTURE

ONE TREE PLANTED

THE NATURE CONSERVANCY