

# McCallum's Urban Forest: a Heritage Tree Guide

## What is an Urban Forest?

An urban forest is a collection of trees in cities, towns, and suburbs.

## What is a heritage tree?

A heritage tree, according to the City of Austin is a tree that has a diameter of 24 inches or more, is 4.5 feet above ground prior to developments, and is one of the following species:

- All Oaks
- American Elm
- Arizona Walnut
- Bald Cypress
- Bigtooth Maple
- Cedar Elm
- Eastern Black Walnut
- Pecan
- Texas Ash
- Texas Madrone



Brought to you by the Youth Forest Council

Learn more at [austintexas.gov/youthforestcouncil](http://austintexas.gov/youthforestcouncil)





## 1 - Sunshine

**Common Name:** Southern Live Oak

**Scientific Name:** *Quercus virginiana*

**Fun Fact:** A mature tree can absorb up to 150 kg of CO2 per year.



## 2 - Rainbow

**Common Name:** Southern Live Oak

**Scientific Name:** *Quercus virginiana*

**Fun Fact:** Spending time near trees improves physical and mental health.



## 3 - Cowboy

**Common Name:** American Elm

**Scientific Name:** *Ulmus Americana*

**Fun Fact:** Trees absorb and block noise from the urban environment.



## 4 - Squishy

**Common Name:** American Elm

**Scientific Name:** *Ulmus Americana*

**Fun Fact:** Shade from urban trees can cool the air up to 8 degrees Celsius, reducing energy use.



## 17 - Waffles

**Common Name:** Red Oak

**Scientific Name:** *Quercus rubra*

**Fun Fact:** The number of trees in East Austin is significantly less than in West Austin due to the historical redlining of low income BIPOC communities.

Learn more about Austin's tree priorities with Austin's Community Tree Priority Map here:

<https://www.austintexas.gov/blog/explore-austins-community-tree-priority-map>



## 18 - Zorro

**Common Name:** Red Oak

**Scientific Name:** *Quercus rubra*

**Fun Fact:** Named after the fox family often spotted in this courtyard during online learning. "Zorro" means "fox" in Spanish.

This was a Community Action Project by Youth Forest Council intern Keira Boehle (Mac Class of 2022), and includes a toolkit for creating tree appreciation projects on other AISD campuses. To receive Keira's toolkit, email [youthforestcouncil@austintexas.gov](mailto:youthforestcouncil@austintexas.gov).

Thank you to the Youth Forest Council for its guidance and funding, and to the McCallum Art Society and Mac Environmental Knights for their help in making the tree signage. Thanks also to the entire McCallum community for suggesting tree names.

We hope you feel a further sense of connection to your campus and urban forests everywhere.







## 14 - Chloro-Phil

**Common Name:** American Elm

**Scientific Name:** Ulmus Americana

**Fun Fact:** Trees communicate with each other through fungus underneath the soil called mycorrhizal networks.

## 5 - Heartwood

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Named after the heartwood of trees, which is the supporting pillar of the tree.



## 15 - Seymour

**Common Name:** Southern Live Oak

**Scientific Name:** Quercus virginiana

**Fun Fact:** Wood from southern live oaks is so tough that a ship during the War of 1812 made of southern live oak survived multiple cannon fires. It was nicknamed "Old Ironside."

## 6 - McStickems

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Large trees are excellent filters for urban pollutants and fine particulates.



## 16 - Eden

**Common Name:** Southern Live Oak

**Scientific Name:** Quercus virginiana

**Fun Fact:** There are two main types of tree roots: anchoring roots and feeder roots. Anchoring roots are much deeper in the soil to add strength to the tree. Feeder roots are near the surface and absorb water and nutrients.

## 7 - Mushroom

**Common Name:** American Elm

**Scientific Name:** Ulmus Americana

**Fun Fact:** American Elms used to be the most common street tree until Dutch Elm Disease wiped out most of the population.





## 8 - Nelson

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Named after our amazing band director since 1980, Ms. Carol Nelson. Thank you for all of your years of dedication and education.



## 9 - Ken

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Named after the delightful Kenneth Sterling, a Mac custodian. Thank you for making us smile. And thank you to all of our custodians.

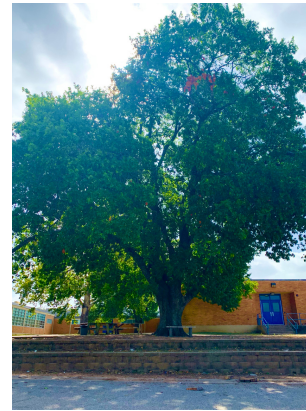


## 11 - Barktholomew

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Oak wilt is killing oak trees in Central Texas in epidemic proportions. You can spot oak wilt when the leaves turn to an autumn color in summer, or when fungal mats form underneath the bark.



## 12 - Gaia

**Common Name:** Red Oak

**Scientific Name:** Quercus rubra

**Fun Fact:** Austin's urban forest currently has over 33 million trees.



## 10 - Groot

**Common Name:** American Elm

**Scientific Name:** Ulmus Americana

**Fun Fact:** Trees help reduce the urban heat island effect, which is when urban areas are significantly warmer than surrounding rural areas because of human activities.



## 13 - Elmer

**Common Name:** American Elm

**Scientific Name:** Ulmus Americana

**Fun Fact:** You can tell this is an American Elm by its oval leaves with jagged edges. Usually one side of the leaf is shorter than the other, giving it a lopsided look.

