



Earthwatch California Urban Tree Program

This deck supports the Earthwatch Urban Resiliency Program, looking at the health of 10 species of trees across a climatic gradient in the greater Los Angeles, CA region.

Find out more about this program at:
<http://earthwatch.urbanresiliency.org/>

Find this card deck and more at:
education.eol.org/species_cards



Title Image Credit: eGuide Travel CC-BY

Project Description

Brisbane Box *Lophostemon confertus*

eol
Tree



Urban Habitats

AUTO
Foodweb Role

Height	9 - 15 m
Leaf Shape	Oval
Flower Color	White
Water Need	Low to moderate
Growth Rate	Fast

NE
IUCN Redlist™

Native / Non-native status:
Non-native

Image: Smithsonian Institution, NMNH, CC-BY-NC-SA

California Sycamore *Platanus racemosa*

eol
Tree



Urban Habitats

AUTO
Foodweb Role

Height	15 - 27 m
Leaf Shape	Palmette
Flower Color	Green
Water Need	Moderate to regular
Growth Rate	Fast

NE
IUCN Redlist™

Native / Non-native status:
Native

Image: Justin CC-BY

Common Name

Scientific Name

Taxon Group

Food Web Roles

DECO	Decomposer: Energy from dead material
AUTO	Autotroph: Energy from sun, water, CO ₂
HERB	Herbivore: Energy from plants
OMNI	Omnivore: Energy from plants, animals
CARN	Carnivore: Energy from animals
APEX	Apex Predator: Top predator
DETR	Detritivore: Energy from dead vegetation
SANG	Sanguinivore: Energy from blood
MULT	Multiple: Energy from multiple sources

Habitat (where species is found)
+ (indicates species is also found in other habitats)

Species Conservation Status

IUCN Redlist™

International Union for
Conservation of Nature

LC	Least Concern
DD	Data Deficient
NT	Near Threatened
EN	Endangered

NE Not Evaluated

VU	Vulnerable
CR	Critically Endangered
EW	Extinct in Wild
EX	Extinct

Coast Live Oak *Quercus agrifolia*

eol
Tree



Urban Habitats

AUTO
Foodweb Role

Height	9 - 18 m
Leaf shape	Elliptical
Flower color	Yellow-green
Water need	Little
Growth rate	Moderate

NE
IUCN Redlist™

Native / Non-native status:
Native

Image: 2013 Al Keuter CC-BY-NC-SA



Crepe-myrtle

Lagerstroemia indica

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	5 - 6 m
Leaf Shape	Elliptical
Flower Color	Various
Water Need	Moderate
Growth Rate	Moderate

IUCN Redlist™
NE

Native / Non-native status:
Non-native

Image: Smithsonian Institution, NMNH, CC-BY-NC-SA

Jacaranda

jacaranda

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	8 - 12 m
Leaf Shape	Bipinnate, compound
Flower Color	Lavender blue
Water Need	Moderate
Growth Rate	Moderate

IUCN Redlist™
VU

Native / Non-native status:
Non-native

Image: Valter Jacinto CC-BY-NC-SA

African Fern Pine

Afrocarpus gracilior

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	20 - 40 m
Leaf Shape	Lance shape
Flower Color	Yellow, inconspicuous
Water Need	Low
Growth Rate	Slow

IUCN Redlist™
LC

Native / Non-native status:
Non-native

Image: Forest & Kim Starr CC-BY

Engelmann Oak

Quercus engelmannii

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	14 - 18 m
Leaf Shape	Rounded, small lobes
Flower Color	Yellow
Water Need	Deep
Growth Rate	Moderate

IUCN Redlist™
VU

Native / Non-native status:
Native

Image: BJ Stacey CC-BY-NC

Shamel Ash

Fraxinus uhdei

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	21 - 24 m
Leaf Shape	Pinnate compound
Flower Color	Varies; inconspicuous
Water Need	Moderate
Growth Rate	Fast

IUCN Redlist™
CR

Native / Non-native status:
Non-native

Image: CONABIO CC-BY-NC-SA

Southern Magnolia

Magnolia grandiflora

eol
Tree



+ Urban Habitats Foodweb Role
AUTO

Height	18 - 24 m
Leaf Shape	Elliptical
Flower Color	White
Water Need	Regular
Growth Rate	Moderate

IUCN Redlist™
LC

Native / Non-native status:
Non-native

Image: Forest & Kim Starr CC-BY



Chitalpa
x Chitalpa tashkentensis

eol
Tree



Urban Habitats + **AUTO** **Foodweb Role**

Height	6 - 8 m
Leaf Shape	Lance shape
Flower Color	White; pink; lavender
Water Need	Low to moderate
Growth Rate	Fast

IUCN Redlist™ NE

Native / Non-native status:
Non-native

Image: Wendy Cutler, some rights reserved (CC-BY)

eol species cards

Adaptation: A physical characteristic or behavior that helps an organism survive in its environment

Brood/Litter: Group of young produced at one time

Carapace: Shell of a turtle or head and thorax of arthropods

Clutch Size: Number of eggs laid in a nest at one time

Complete Metamorphosis: Some insects have a four stage life cycle: egg, larva, pupa, adult

Crepuscular: Active at dawn and dusk

Diurnal: Active during the day

Vocabulary

eol species cards

Habitat: The area an organism lives and can find its resources

Growth Form: Classification of plants as trees, shrubs, herbaceous, and grasses

Incomplete Metamorphosis: Some insects have a three stage life cycle: eggs, nymph, adult

Molt: The act of shedding exoskeleton, skin or feathers as an animal grows

Snout-vent Length: In amphibians and reptiles, the length from tip of nose to tail base (cloaca)

Standard Length: In fishes, length from tip of snout to end of last vertebra

Vocabulary

