

# Crepe Myrtle *Lythraceae Lagerstroemia indica* L.

symbol: LAIN

**vTree**

**Leaf:** Opposite or some leaves alternate or whorled, simple, elliptical, entire margin, 1 1/2 to 3 inches long, dark green above, paler below.

**Flower:** Very attractive, white, pink red or purple (depending on cultivar), occurring in 8 inch spike-like clusters, appearing in late summer.

**Fruit:** Dry, 6-parted, brown capsule in upright spikes, each capsule 1/2 inch long, persistent through the winter.

**Twig:** Slender, brown (initially red or green), ridged or angled, buds very small.

**Bark:** Gray-brown, smooth, exfoliating and exposing shades of brown, reddish brown and green, very attractive.

**Form:** Medium to large shrub or a small multi-stemmed tree to 40 feet.







# Desert Willow

*Chilopsis linearis*

Zone: 6  
Height: 15-20'  
Spread: 15-20'  
Flower: Pink  
Bloom Time:  
Summer

A large shrub or small, usually multi-stemmed tree with narrow, willow-like leaves on arching to slightly weeping branches. Clusters of bell-shaped flowers in white, burgundy or pink bloom in late spring and sporadically later in the season. Prefers sandy, well drained soil.



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# Hot Wings Maple

*Acer tataricum 'GarAnn'*

**Zone:** 3

**Height:** 20'

**Spread:** 24'

**Shape:** Rounded, spreading

**Foliage:** Medium green

**Fall Color:** Yellow to red

**Flower:** White clusters in May

**Fruit:** Bright red samaras

Showy red samaras (winged seeds) shine in bright contrast to the summer foliage of this small tree that is an excellent performer in rugged climates. Broadly oval when young, its branches spread wider than tall, becoming rounded at maturity.



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# Shantung Maple

**Shantung maple** *Aceraceae* *Acer truncatum* Bunge. 🌿 symbol: --

**Leaf:** Opposite, simple, overall shape a half circle, 3 to 6 inches wide, usually 5 v-shaped lobes (may resemble a sweetgum leaf) with entire margins, usually with a truncate leaf base, exudes milky white

**Flower:** Yellow to green, each flower to 1/2 inch wide (large for a maple), clustered in 3 inch flower heads, appearing in spring.

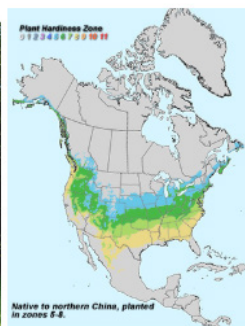
**Fruit:** Two-winged pair of samaras about 1 inch long, forming a broad U shape or tight V shape, oval seed cavity, matures in early fall.

**Twig:** Reddish brown to grayish brown (some with a purple tint), buds plump and green to purplish brown, somewhat elongated.

**Bark:** Variable, but generally grayish brown or with a purple tint, young bark warty; older trees may be somewhat furrowed, with short, thick, irregular curling-outward ridges.

**Form:** A small tree with a round crown, commonly to 25 feet (subsp. mono to 40 feet and more, spreading).

**Looks like:** [Norway maple](#) - [sweetgum](#) - [Miyabe maple](#)







# Krauter Vesuvius Plum

*Prunus cerasifera* 'Krauter Vesuvius'

Zone: 5  
Height: 20'  
Spread: 15'  
Shape: Upright  
Foliage: Dark purple  
Flower: Light pink

Similar to Thundercloud in appearance, but a little smaller and more upright. Due to its tolerance of hot dry weather, it seems to be the best flowering plum for southern climates.



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# Raywood Ash

*Fraxinus oxycarpa* 'Raywood'

**Zone:** 6  
**Height:** 25-35'  
**Spread:** 20-25'  
**Shape:** Oval with dense crown  
**Foliage:** Narrow, green, leaflets. Fine textured  
**Fall Color:** Purple

Raywood grows fast as a young tree but matures smaller than other Ash. Slender branches and narrow leaflets give it a delicate, fine textured appearance. Outstanding reddish purple fall color.



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**Trees are the Answer!**





## Crimson Spire™ Columnar Oak

*Quercus robur 'Crimschmidt'*

20

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### Additional Information

### Product's Review

<b>Description</b>	An excellent choice for narrow spaces. Crimson Spire® is most useful as a reliable privacy screen where space is limited. The lovely, dark green foliage turns to spectacular shades of red in autumn on this columnar shaped tree. The leaves will turn brown and many will persist through the winter. This is a strong wooded tree that grows moderately fast. Crimson Spire® will withstand high winds much better than softer wooded narrow trees. The leaves are thick and lustrous and don't seem to be prone to insect infestation. A long lived tree that will provide many years of enjoyment. Available in either a low-branched form or with the branching higher up. Hardy to -30°F Maximum Elevation: 6,000 ft.
<b>Deciduous Tree Type</b>	Shade Tree
<b>Tree Habit</b>	Narrow, Upright
<b>Mature Size (generic)</b>	TREE (30-50' Tall) • Narrow or Columnar
<b>Fall Color</b>	Dramatic
<b>Features</b>	Grown For Attractive Foliage
<b>Flowering Season</b>	Spring
<b>USDA Hardiness Zone</b>	4, 5, 6, 7
<b>Water Needs</b>	Moderate
<b>Growth Rate</b>	Moderate
<b>Light Needs</b>	Full Sun
<b>Mature Height</b>	35-45 ft.
<b>Mature Width</b>	12-15 ft
<b>Name</b>	Crimson Spire™ Columnar Oak





# Chanticleer® Pear

*Pyrus calleryana* 'Glen's Form'

**Zone:** 4  
**Height:** 40'  
**Spread:** 15'  
**Shape:** Upright,  
narrowly pyramidal  
**Foliage:** Green,  
glossy  
**Fall Color:**  
Reddish  
**Flower:** White, in  
clusters

A densely  
growing, narrow  
selection suitable  
for street  
plantings. It is  
resistant to fire  
blight and much  
less susceptible  
to wind breakage  
than Bradford.



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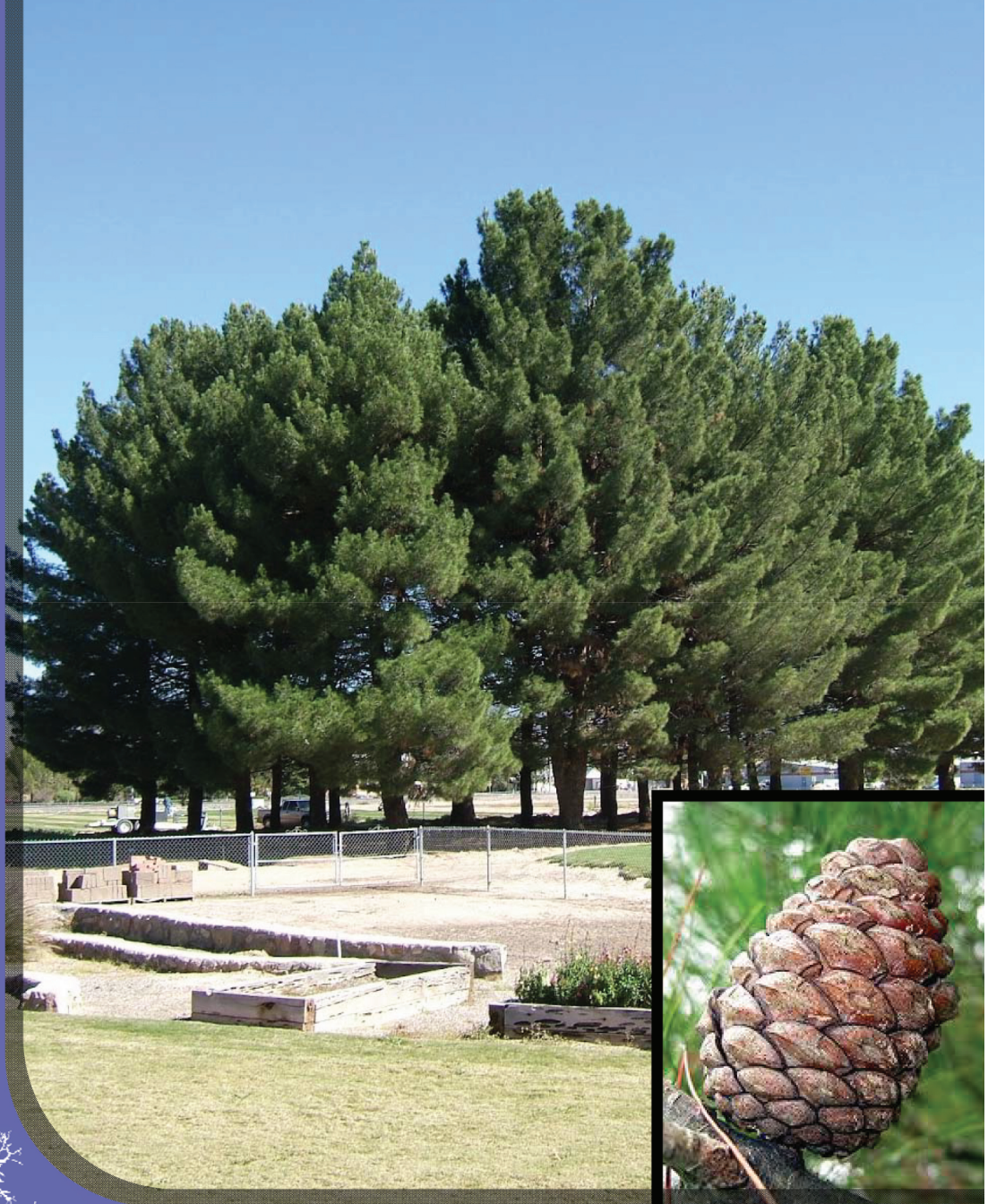


# Afghan Pine

*Pinus eldarica*

Zone: 5  
Height: 40-60'  
Spread: 25-30'

This symmetrical pine becomes somewhat rounded as it grows older. It thrives in moist, alkaline soils but will tolerate dry soil as well. It grows 3-6 feet per year depending on water availability.



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## Afghan Pine





**Kentucky (Expresso) Coffeetree** Fabaceae Gymnocladus dioicus

**vTree**

**Leaf:** Alternate, bipinnately compound, very large (1 to 3 feet long), with numerous 1 1/2 to 2 inch ovate leaflets, entire margins, green above, slightly paler below.

**Flower:** Species is dioecious; males and females in long (3 to 4 inch) branched clusters, whitish, appearing in late spring.

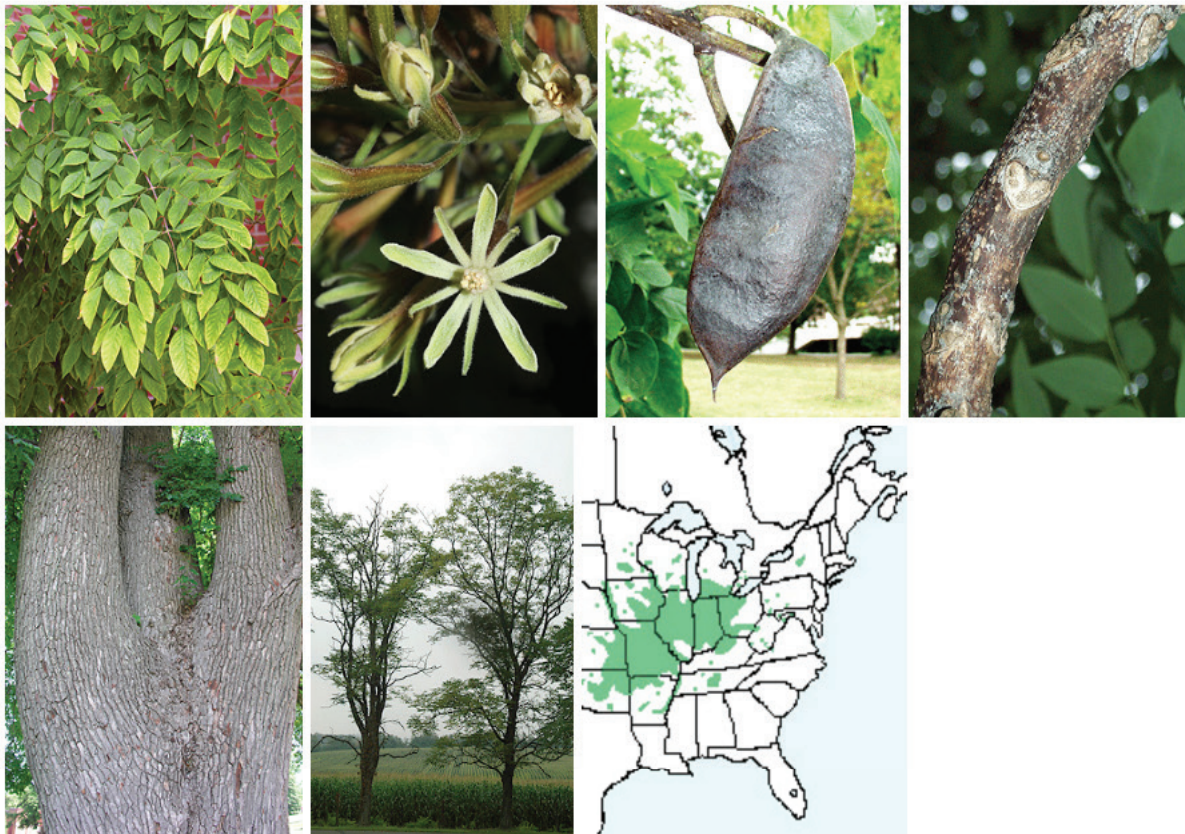
**Fruit:** Reddish brown, flat thickened pod, 3 to 8 inches long, 1 1/2 to 2 inches wide, contains 6 or more dark brown seeds imbeded in a sticky pulp, ripen in late summer.

**Twig:** Very stout, light brown with whitish patches, somewhat zigzag or wavy, large heart-shaped leaf scar, salmon colored pith; buds small and sunken.

**Bark:** Dark grayish brown, scaly, developing deep fissures with scaly ridges.

**Form:** Medium sized tree, with a wide spreading crown, 80 feet tall, 2 feet in diameter.

**Looks like:** [black walnut](#) - [tree-of-Heaven](#) - [smooth sumac](#)



**Additional Range Information:**

*Gymnocladus dioicus* is native to North America.

Range may be expanded by planting.

[See states reporting Kentucky](#)

**External Links:**

[USDA Plants Database](#)  
[Horticulture](#)

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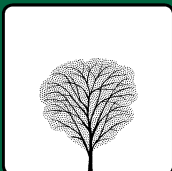
Photos and text by: John Seiler,  
Edward Jensen, Alex Niemiera.



## Kentucky (Expresso) Coffeetree







# Emerald Sunshine<sup>®</sup> Elm

*Ulmus propinqua* 'JFS-Bieberich'

**Zone:** 5  
**Height:** 35'  
**Spread:** 25'  
**Shape:** Vase  
**Foliage:** Deep green  
**Fall Color:** Yellow

## **INSECT**

### **RESISTANCE:**

Elm leaf beetle and Japanese beetle

## **DISEASE**

### **TOLERANCE:**

Dutch elm disease and phloem necrosis

Grown from seed collected in China, this sturdy, upright-growing elm was selected for superior performance on the hot, arid, windswept plains of western Oklahoma. Handsome, deeply corrugated leaves emerge coppery-bronze and mature to glossy green. Insect resistant and tolerant of heat and drought, it is a fast-growing, tough and adaptable shade tree.



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## Japanese zelkova *Ulmaceae* *Zelkova serrata* (Thunb.)

Makino   symbol: ZESE80

**vTree**

**Leaf:** Alternate, simple, ovate with an acuminate tip, 1 1/2 to 2 1/2 inches long, pinnately veined, serrate with rounded over teeth; leaves are dark green above and much paler below.

**Flower:** Species is monoecious; yellow-green, not showy, occur in tight clusters along new stems; appearing before the leaves.

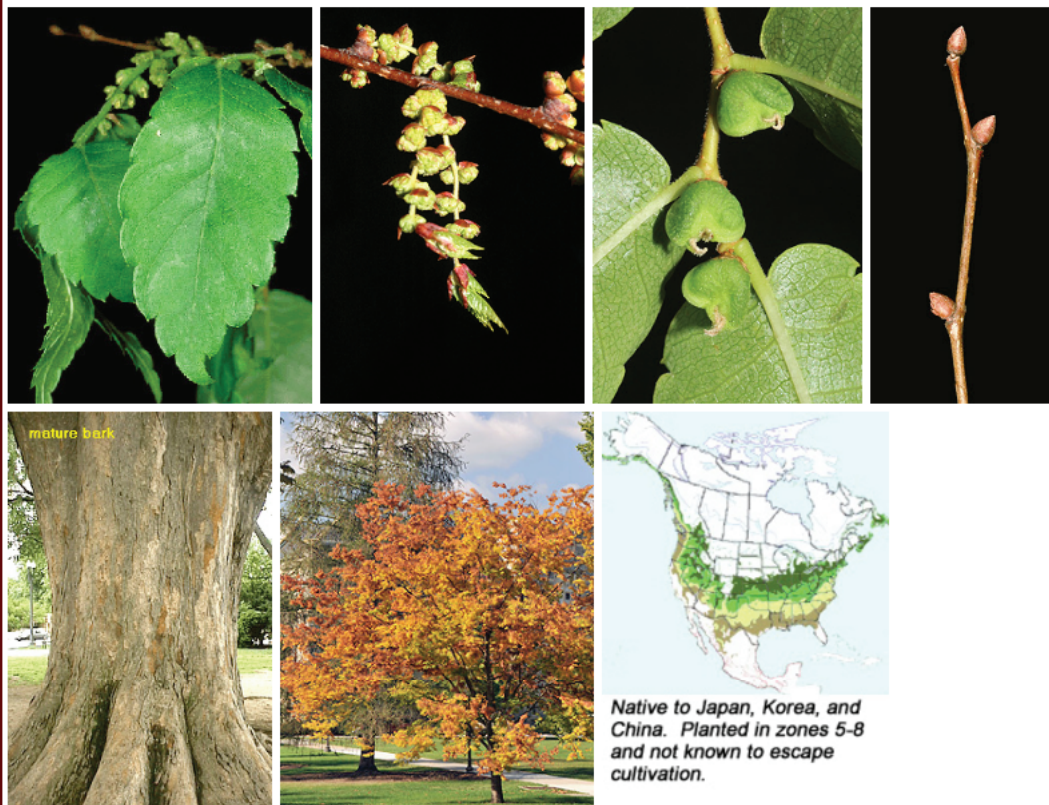
**Fruit:** A small triangular drupe, 1/6 inch long, green and later turning brown, maturing in mid to late summer.

**Twig:** Very slender, zigzag, red-brown in color; buds are reddish brown, cone-shaped, pointed, and widely divergent.

**Bark:** Smooth and red-brown to gray when young with numerous lenticels; remains smooth for many years but eventually exfoliates into small patches, reddish brown in color.

**Form:** A small to medium size tree to 80 feet; low branching vase-shaped tree with very tight branch angles. This appearance is maintained when very young and when very old.

**Looks like:** [Siberian elm](#) - [Chinese elm](#)



### Additional Range Information:

*Zelkova serrata* is planted in the [USDA hardiness zones](#) shown above and is not known to widely escape cultivation.

**More:** [Fall Color](#)

### External Links:

[USDA Plants Database](#)  
[Horticulture](#)

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Photos and text by: John Seiler,  
Edward Jensen, Alex Niemiera,  
and John Peterson



# LEAF TYPES

## Needles and scaly needles

Needle-like leaves are comparatively long, thin, usually evergreen and most often found on conifers. Needles may be rounded as in pines, flattened as in hemlocks, or scale-like (often triangular-shaped and appressed to the stem) as in junipers and cedars. Needles can be arranged singly or can occur in groups of 2-5 within a fascicle (bundle).



**Single needle**  
Pg. 12



**Clustered needles**  
Pg. 14



**Scaly needles**  
Pg. 18

## Simple undissected and simple lobed leaves

Simple leaves have a single leaf blade from their point of attachment to the stem. Some simple leaves have leaf margins that are round, elliptical or oval without indentations. These are referred to as simple undissected leaves. Others have margins that indent or are divided into incompletely separated sections (resembling clubs in a deck of cards). These are referred to as simple lobed leaves. Simple undissected and simple lobed leaves may be arranged oppositely or alternately along a stem. Opposite leaves occur directly across from each other while alternate leaves are off-set.



**Simple undissected opposite**  
Pg. 21



**Simple undissected alternate**  
Pg. 24



**Simple lobed opposite**  
Pg. 38



**Simple lobed alternate**  
Pg. 40

## Compound leaves (pinnate or palmate)

A compound leaf is a single leaf that is composed of many small blades (leaflets) that resemble leaves themselves. Each compound leaf has a single point of attachment to the stem. Pinnately compound leaves are the shape of a feather, palmately compound leaves are the shape of a fan or hand.



**Pinnately compound opposite**  
Pg. 45



**Pinnately compound alternate**  
Pg. 49



**Palmately compound opposite**  
Pg. 53



**Palmately compound alternate**  
N/A

## Bipinnately compound leaves

A twice compound leaf occurs when each of the leaflets (divided leaf blades) of a compound leaf is composed of an even smaller set of leaflets. Compound leaves, like simple leaves, may be arranged oppositely or alternately along a stem. Opposite leaves occur directly across from each other while alternate leaves are off-set.



**Bipinnately compound opposite**  
N/A

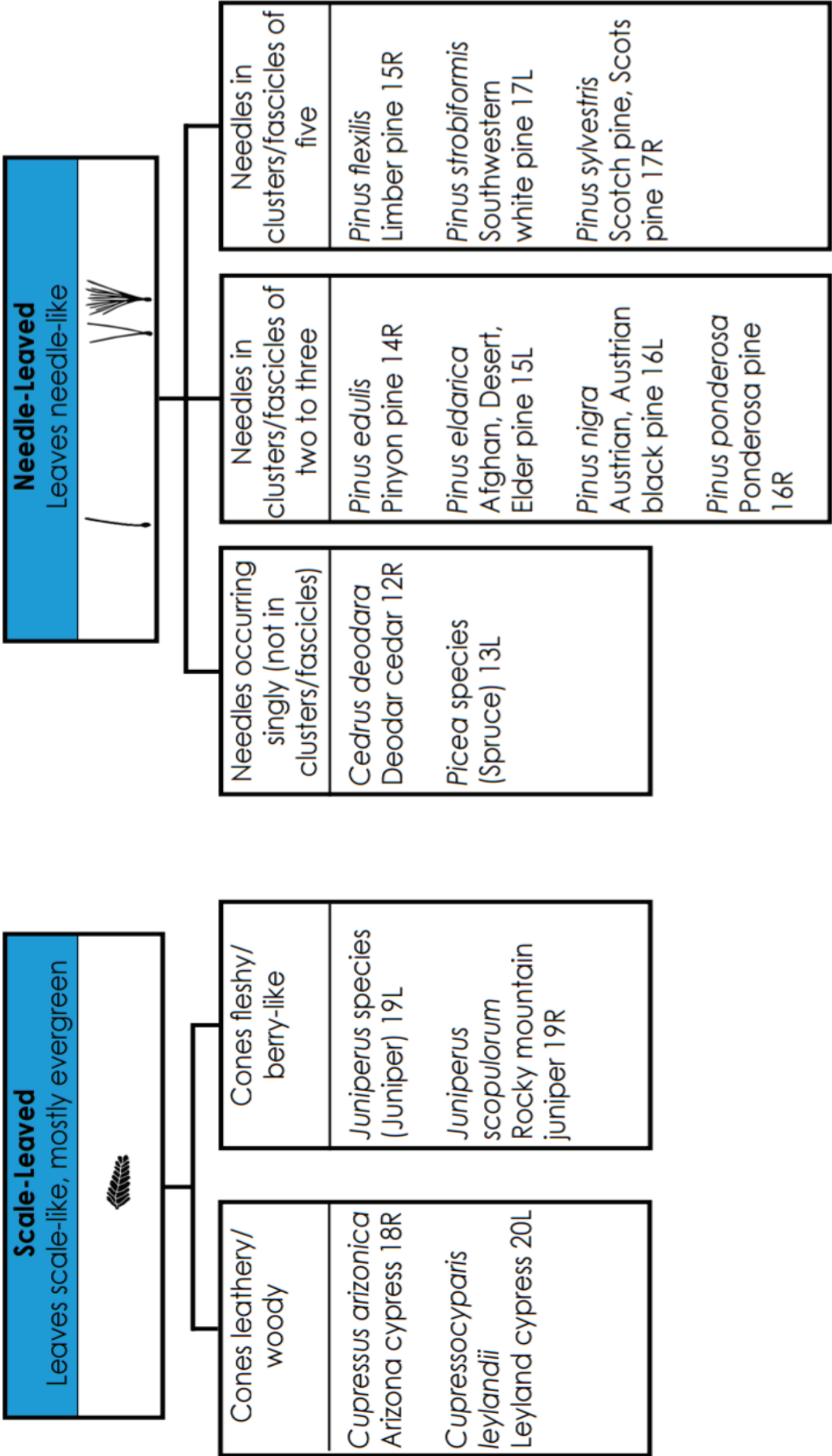


**Bipinnately compound alternate**  
Pg. 54



DICHOTOMOUS LEAF KEY

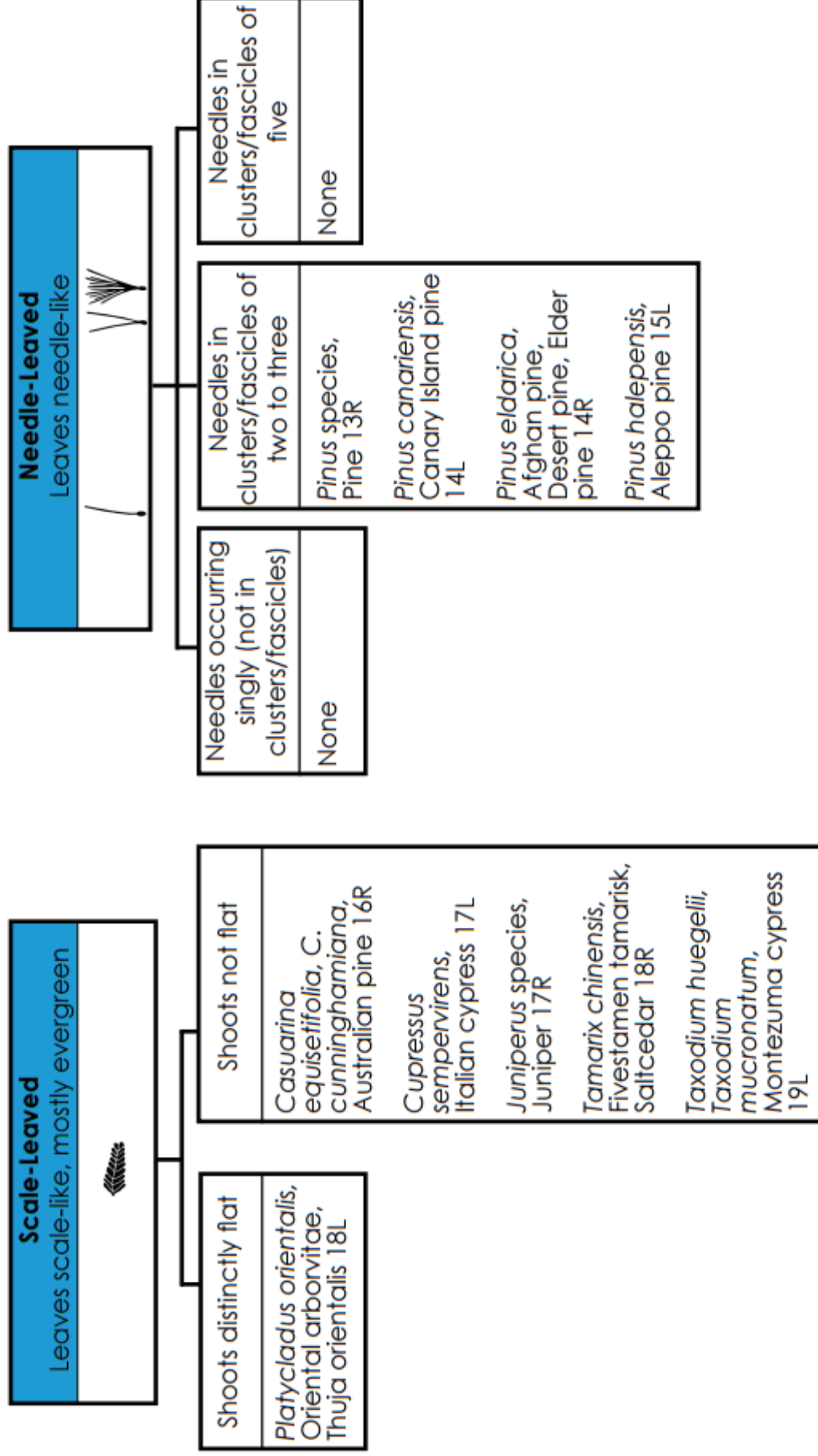
Scale-Leaved or Needle-Leaved Trees





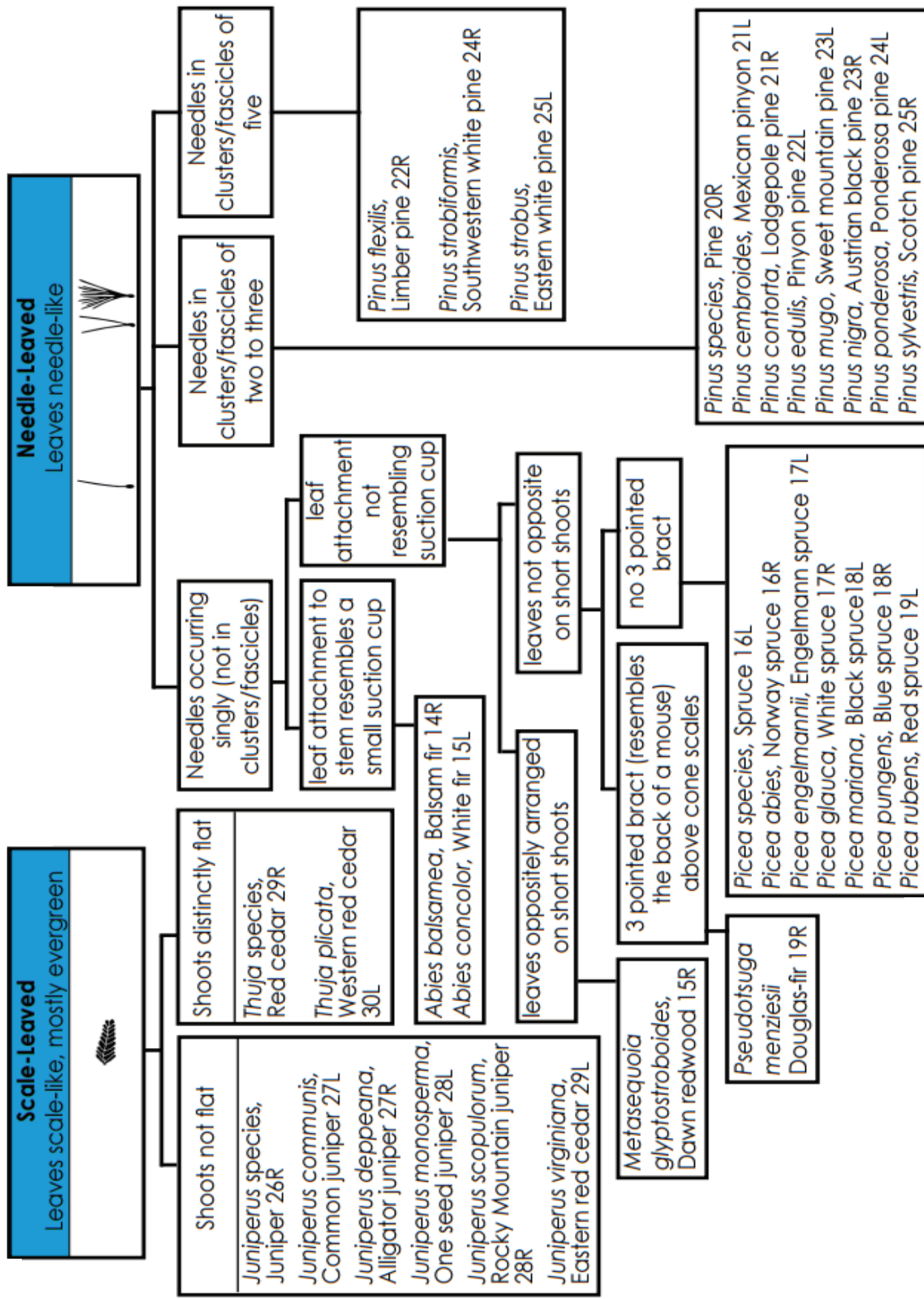
## DICHOTOMOUS LEAF KEY

### Scale-Leaved or Needle-Leaved Trees



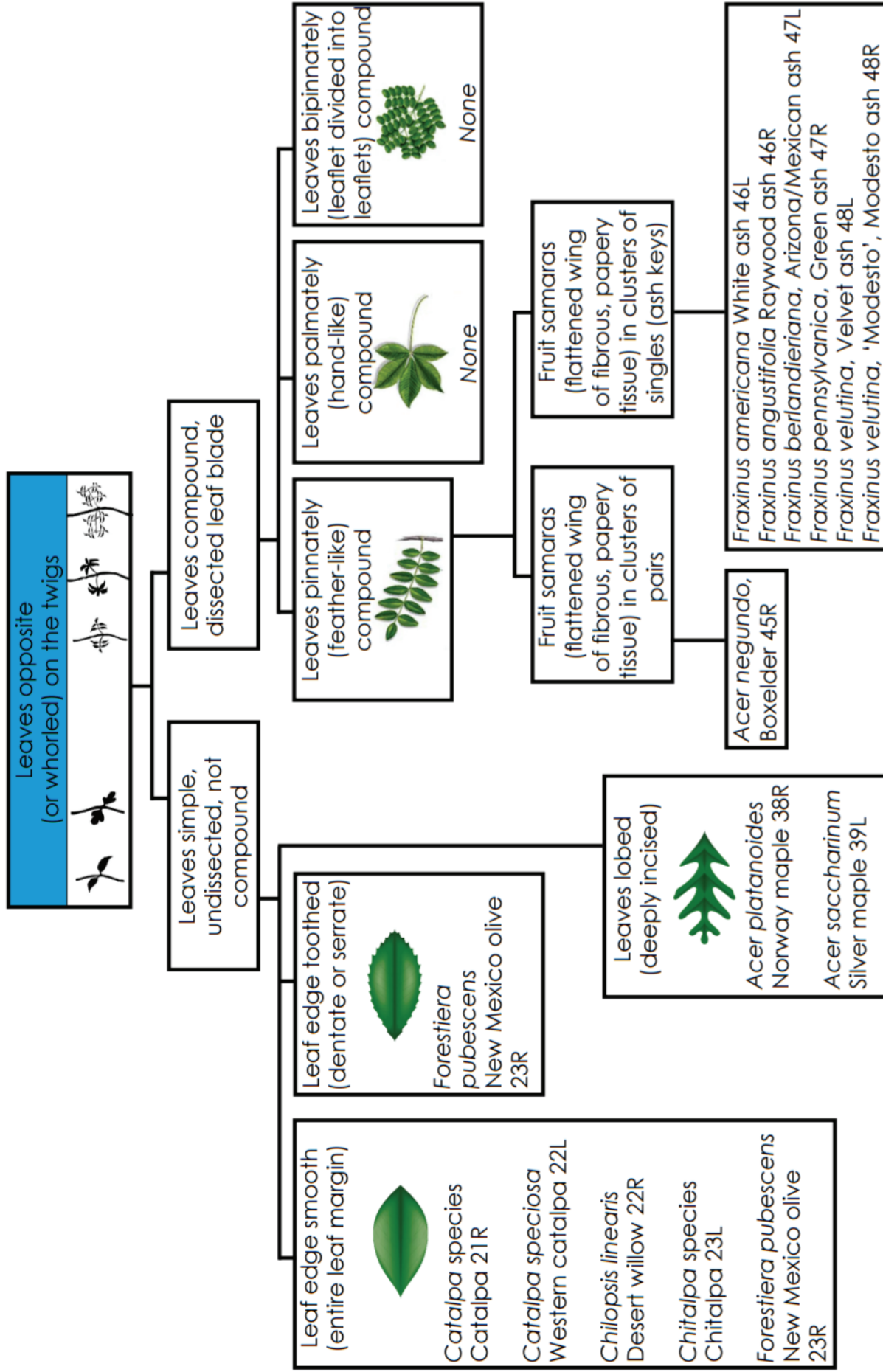


## High Elevations



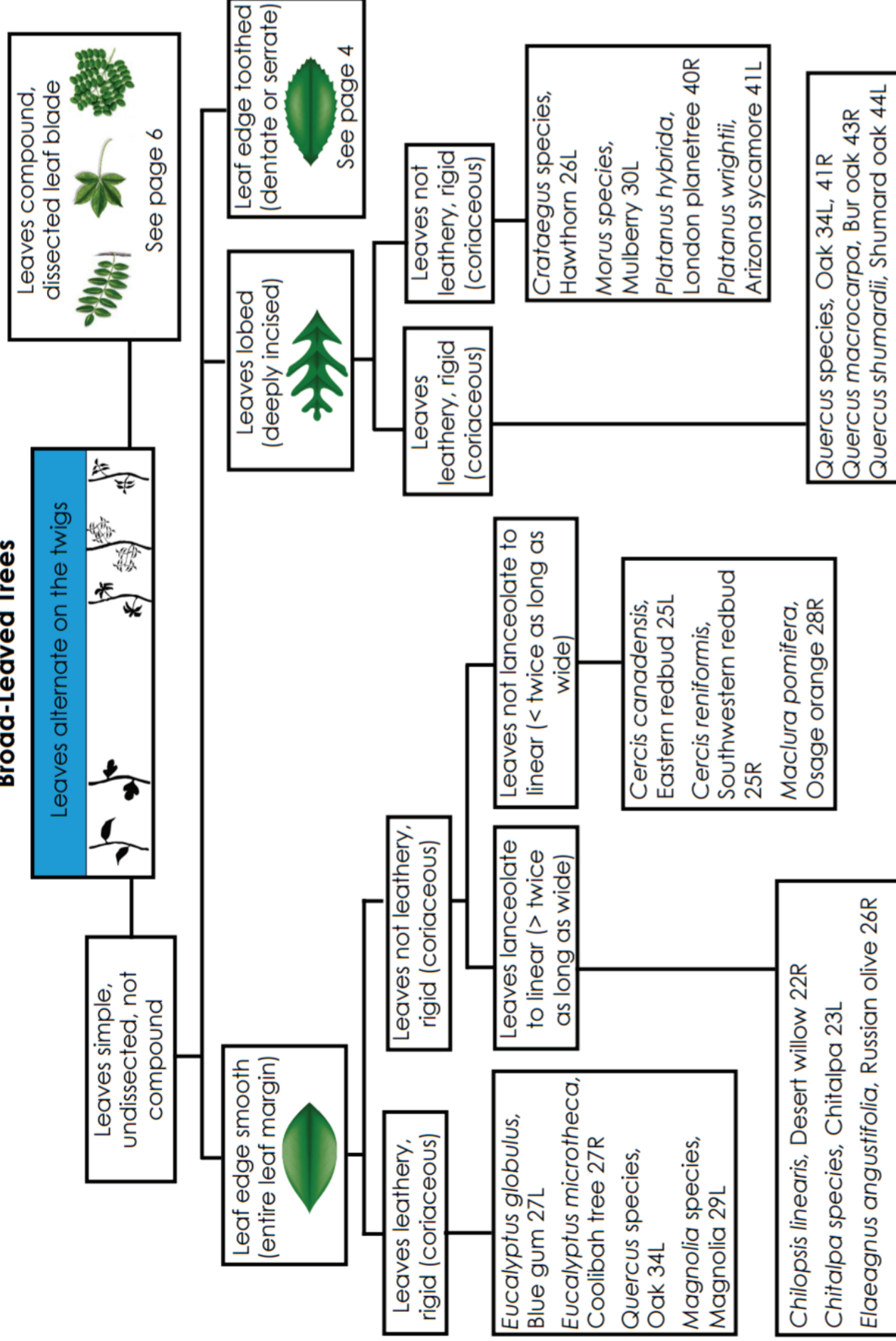


## Broad-Leaved Trees



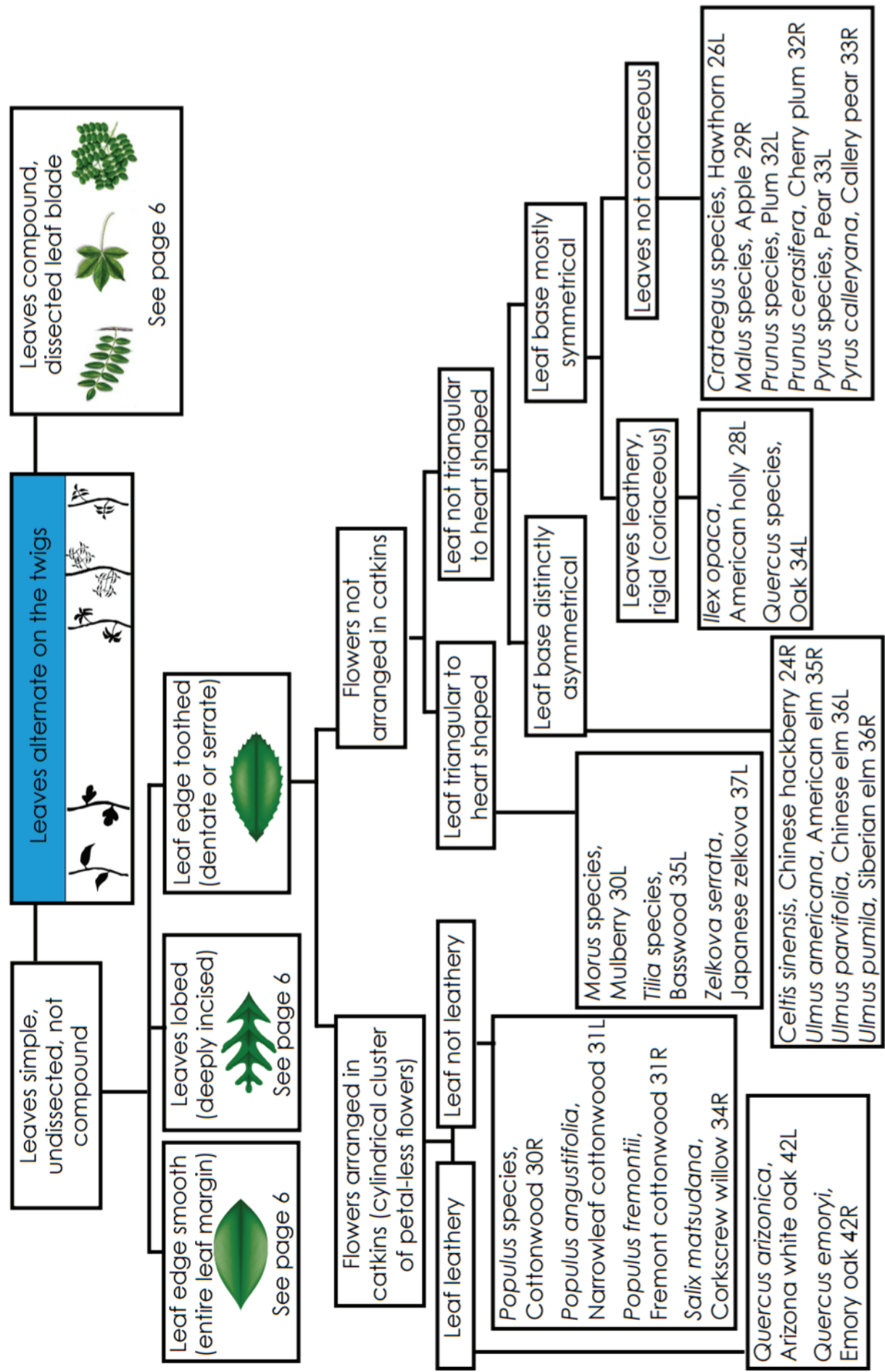


## Broad-Leaved Trees



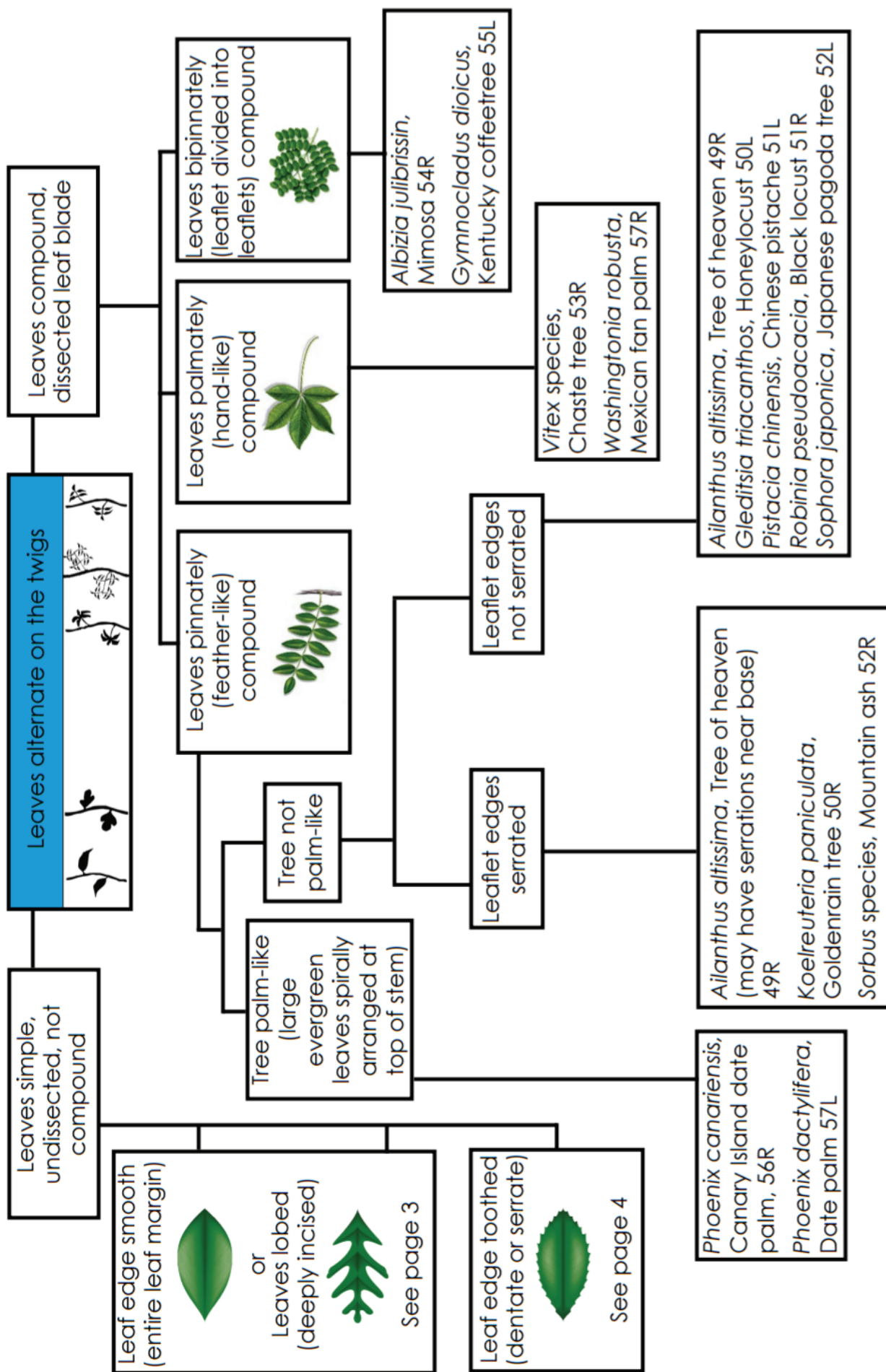


# Broad-Leaved Trees





## Broad-Leaved Trees





## What is ABQ NeighborWoods?

**ABQ NeighborWoods is a collaboration between Tree New Mexico, the City of Albuquerque, New Mexico State Forestry, Southwest Tree Specialists, local tree growers, neighborhood leaders, and local landscape architects to enhance our urban forest.**

- ▶ Provides funding, training, event organization, and consulting professionals for neighborhood members to plant 100 street trees and perform tree giveaways of 100 small trees!
- ▶ Albuquerque lost 2.7% of its tree canopy over a 3-year period, one of the highest losses in the country during the study. Many Albuquerque neighborhoods are below the City average.
- ▶ With 85% of Albuquerque's trees located on private property and on business sites, the connection to homeowners is vital for enhancing and growing our urban forest.

## Urban Forests

- ▶ Urban forests are trees for people! Urban forests are the collection of trees in and around populated areas that occur naturally or have been planted.
- ▶ Urban forests provide important environmental services such as clean air, clean water and shade. Trees cool cities and save energy, reduce storm water runoff and provide sustenance to wildlife.
- ▶ They add form, structure, beauty and breathing room to urban design, reduce noise, provide buffers, provide places to recreate, strengthen social cohesion, leverage community revitalization, and add economic value to communities.
- ▶ Urban forests broadly include urban parks, street trees, landscaped boulevards, public gardens, river and coastal promenades, greenways, river corridors, wetlands, nature preserves, natural areas, shelter belts of trees and working trees at industrial sites.
- ▶ According to a study in Landscape and Urban Planning, they promote public health by increasing social connections and creating the walkable communities that are known to reduce obesity rates and increase the overall fitness of their inhabitants (Wolch et al., 2014).



# **ABQ NeighborWoods Resource List**

## **Best Local Nurseries**

### **Plant World**

250 El Pueblo Rd NE Albuquerque · (505) 898-9627

### **Rehm's Nursery & Garden Center**

5801 Lomas Blvd NE, Albuquerque · (505) 266-5978  
Open until 6 PM

### **Osuna Nursery**

501 Osuna Rd NE, Albuquerque · (505) 345-6644

### **Plants of the Southwest**

6680 4th St NW, Albuquerque · (505) 344-8830

### **Rio Valley Greenhouses**

2000 Harzman Rd SW, Albuquerque · (505) 242-4423

### **Jericho Nursery**

101 Alameda Blvd NW, Albuquerque · (505) 899-7555

### **Best Advice on Fruit Trees, Pruning, and Care Bernalillo County Cooperative Extension Service**

1510 Menaul Blvd., NW Albuquerque, NM 87107  
**Phone:** 505-243-1386

## **International Society of Arboriculture: Certified Arborists – Albuquerque**

Southwest Tree Specialists Owner : Anthony Pomo  
Eric's Tree Care - Owners: Joel McMullen & Bonnie Quan  
Desert Gardens - Owner: Clay Garner  
Albuquerque Tree Care - Owner: Adam Barber  
Baca's Trees - Staff: Camille Romero-Melton  
Heads Up Landscaping - Owner: Yellowstone Landscaping  
Waterwise Landscapes - Owner: Hunter Ten Broeck