

## TREE SPECIES & INFORMATION LIST

This guide has all 54 trees listed with their information. iNaturalist websites for [Mexico](#) and [Spain](#) were used to find Spanish names for most trees. You can use these sites for more photos and information. Each tree links to the [Lady Bird Johnson's Wildflower Center's plant database](#) or a similar one, where you can see pictures and learn more.

### Tree Species List

#	Botanical Latin Name English Common Name Spanish Common Name	Suggested for Illustrations	Vulnerability in Developed Areas (climate change)
1	<a href="#">Acer grandidentatum</a> Bigtooth Maple Arce palo de azúcar	Fall foliage: bright red and gold leaves.	Moderate
2	<a href="#">Arbutus xalapensis</a> Texas Madrone Madroño	Dark-green leaves, flowers, red fruit, and thin, flaky bark.	Low-Moderate
3	<a href="#">Bauhinia lunarioides</a> Anacacho Orchid Pata de cabra blanca	Flowers: close-up of flower clusters with some leaves.	Low-Moderate
4	<a href="#">Carya illinoensis</a> Pecan Pacana	Leaves, pecan husks, and pecan nuts (husk removed, shell exposed).	Moderate-High
5	<a href="#">Catalpa bignonioides</a> Catalpa Catalpa	Large leaf, flower clusters, seed pod, honeybee.	Unknown
6	<a href="#">Celtis laevigata</a> Hackberry Palo blanco	Hackberry emperor butterfly, whole tree, or parts of the tree with several birds (e.g. robins, mockingbirds) to depict a variety of wildlife.	Moderate-High

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7	<u><i>Cercis canadensis var. texensis</i></u> Texas Redbud Duraznillo	Heart-shaped leaf, rose-purple flowers, reddish-brown seed pods, bumble bee.	Low-Moderate
8	<u><i>Chilopsis linearis</i></u> Desert Willow Mimbre	Vibrant flowers, Ruby-throated Hummingbird, leaves, and seed pods and seeds (produced after bloom).	Low-Moderate
9	<u><i>Cornus drummondii</i></u> Roughleaf Dogwood -	Flower detail with leaves.	Moderate
10	<u><i>Hesperocyparis arizonica</i></u> Arizona Cypress Cedro Blanco	Close-up of the gray-green to blue-green, evergreen foliage (scale-like); seed cones (circular).	Unknown
11	<u><i>Dermatophyllum secundiflorum</i></u> Texas Mountain Laurel Colorín	Drooping clusters of bluish lavender flowers, semi-woody seed pods and bright red seeds, and leaves.	Low
12	<u><i>Diospyros texana</i></u> Texas Persimmon Chapote negro	Round black fruit when ripe, urn-like flowers, and leaves on branch; Gray Hairstreak and Henry's Elfin butterflies.	Low-Moderate
13	<u><i>Ehretia anacua</i></u> Anaqua Anacua	Small orange fruits, flower clusters, and rough, sandpaper-like leaves.	Unknown
14	<u><i>Eriobotrya japonica</i></u> Loquat Níspero Chino	Branch of leaves with flower and fruit.	Moderate
15	<u><i>Eysenhardtia texana</i></u> Kidneywood Palo dulce	Spike of flowers on branchlet and seed pods with pollinators hovering.	Low-Moderate

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16	<a href="#"><i>Ficus carica</i></a> Fig Higuera	Branch with large green leaves, green fruit upright (not ripe) and purplish-brown fruit sagging (ripe indicator), one or two <i>Blastophaga psenes</i> (a wasp species).	Moderate-High
17	<a href="#"><i>Frangula caroliniana</i></a> Carolina Buckthorn Espino cerval de Carolina	Close-up of the leaves with red and black fruit.	Moderate-High
18	<a href="#"><i>Fraxinus pennsylvanica</i></a> Green Ash Fresno Americano	Leaf/leaflets, winged/blade seeds clustered, distinct bark pattern behind the leaf/leaflet/seeds; Emerald Ash Borer and a penny to size reference the pest front of the bark with D-shaped holes.	Moderate-High
19	<a href="#"><i>Ilex decidua</i></a> Possumhaw Holly =	Leaves and red berries.	Moderate
20	<a href="#"><i>Ilex vomitoria</i></a> Yaupon Holly =	Leaves (round-toothed edges) and red berries.	Moderate
21	<a href="#"><i>Juniperus ashei</i></a> Ashe Juniper Enebro de frutos azules	Dark-green foliage, mature seed cones (blueberries), shaggy bark (often multi-stemmed), golden-cheeked warbler.	Moderate-High
22	<a href="#"><i>Juniperus virginiana</i></a> Eastern Red Cedar Enebro de Virginia	Single-trunk mature tree, Cedar apple rust (teliohorns), and Olive butterfly.	Moderate
23	<a href="#"><i>Lagerstroemia indica</i></a> Crape Myrtle Árbol de Júpiter	Showy flowers, clusters of seed pods, leaf arrangement, and flaky bark.	Moderate

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24	<a href="#"><i>Maclura pomifera</i></a> Bois d'arc Naranjo de Luisiana	Green fruit the size of an orange/grapefruit, thorns, foliage.	Moderate
25	<a href="#"><i>Morus rubra</i></a> Red Mulberry Morera Roja	Leaves, red fruit, and Mourning Cloak butterfly.	Moderate-High
26	<a href="#"><i>Myrospermum sousanum</i></a> Arroyo Sweetwood -	White flower clusters, flower buds, small leaflets, seed pods.	Low-Moderate
27	<a href="#"><i>Parkinsonia aculeata</i></a> Retama Palo Verde	Yellow flowers, narrow/long seedpods, thorns, and green branches and trunk.	Low
28	<a href="#"><i>Pistacia mexicana</i></a> Texas Pistache Lantrisco	Red and green foliage, and clusters of red, nut-like drupes.	Unknown
29	<a href="#"><i>Platanus mexicana</i></a> Mexican Sycamore Álamo blanco	Leaves (white fuzz on the underside gives a white and silver appearance), spherical fruit, and smooth, silvery-gray bark.	Low-Moderate
30	<a href="#"><i>Populus deltoides</i></a> Eastern Cottonwood Chopo americano	Triangular leaves, catkins, and seeds with silk white hairs.	High
31	<a href="#"><i>Neltuma glandulosa</i></a> Honey Mesquite Mezquite Dulce	Flower, seed pods, thorns, leaves, honeybee.	Low-Moderate
32	<a href="#"><i>Prunus mexicana</i></a> Mexican Plum Ciruelo Mexicano	White flowers, mature drupes (yellow & purple plum), leaves.	Moderate

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33	<i>Prunus persica</i> Peach Durazno	The whole tree depicting trunk/branches, leaves, and peach fruit.	Unknown
34	<i>Prunus serotina var. eximia</i> Escarpment Black Cherry Capulín	Close-up of flowers with red berries and leaves on a branch.	High
35	<i>Punica granatum</i> Pomegranate Granada Cordelina	The whole tree depicting the flower and pomegranate fruit hanging; consider showing a fruit open with seeds.	Moderate
36	<i>Pryus communis</i> Common Pear Peral	Close-up of white flowers, fruit, and leaves.	Unknown
37	<i>Quercus buckleyi</i> Texas Red Oak Roble Rojo	Fall red foliage and acorns with acorn caps; oak wilt leaf and sap beetle.	Moderate-High
38	<i>Quercus laceyi</i> Lacey Oak Encino Azul	Close-up of the small lobed leaves with acorn/acorn cap.	Moderate
39	<i>Quercus macrocarpa</i> Bur Oak Roble Bur	Close-up of long, lobed leaves with mossy cup acorns (golf-ball sized), and a squirrel.	Moderate
40	<i>Quercus muehlenbergii</i> Chinkapin Oak Encino de Piedra	Close-up of toothed leaves, acorns with caps, and flowers on catkins.	Moderate-High
41	<i>Quercus polymorpha</i> Monterrey Oak Encino Roble	Close-up of leaves, the arrangement of leaves on a branch, and short acorns in their caps.	Low

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42	<i>Quercus virginiana</i> Live Oak Encino	Close-up of healthy green leaves, acorns in caps, catkins, ballmoss, and a leaf showing oak wilt symptoms (brown/orange veins on the leaf); illustrate symptomatic leaf separately.	Low-Moderate
43	<i>Rhus lanceolata</i> Flameleaf Sumac =	Close-up of red fruit cluster and red/orange foliage (fall color); summer white flowers and green leaves optional.	Low
44	<i>Rhus virens</i> Evergreen Sumac Capulín	Close-up of leaves, white flowers, and red fruit covered in fine hairs.	Low-Moderate
45	<i>Sapindus Saponaria var. drummondii</i> Western Soapberry Jaboncillo	Close-up of long leaves and the translucent fruit hanging.	Moderate
46	<i>Senegalia greggii</i> Catclaw Acacia Tesota	Gray-green foliage; creamy-white, bushy, spiked flowers; contorted pods; and cat claw-shaped thorns.	Unknown
47	<i>Sideroxylon lanuginosum</i> Gum Bumelia Coma	Green leaves on the branch with small, cluster flowers, and blue/purplish black berries.	Moderate
48	<i>Styphnolobium affine</i> Eve's Necklace =	Leaves, flowers, and seed pods resembling a string of beads.	Low
49	<i>Taxodium mucronatum</i> Montezuma Cypress Ahuehuete	Whole tree in/by water showing woody "knees" and small, round cones.	Low-Moderate
50	<i>Ulmus crassifolia</i> Cedar Elm Cedro Olmo de Texas	Double-serrate leaves, and corky wings on twigs; mistletoe (found regularly on this tree).	Moderate

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51	<a href="#"><i>Ungnadia speciosa</i></a> <a href="#">Mexican Buckeye</a> <a href="#">Monilla</a>	A cluster of bright, pink flowers, leaves, and distinct three-lobed seed capsules.	Low
52	<a href="#"><i>Vachellia farnesiana</i></a> <a href="#">Huisache</a> <a href="#">Huizache</a>	Close-up of foliage, flower buds, puffball flowers (yellow), and thorns.	Moderate
53	<a href="#"><i>Zanthoxylum hirsutum</i></a> <a href="#">Toothache tree</a> =	Distinct thorns on tree trunk, foliage, and fruit pods.	Low-Moderate
54	<a href="#"><i>Ziziphus jujuba</i></a> <a href="#">Jujube</a> =	Small flowers, ripened fruit, and foliage.	Unknown

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## Vulnerability in Developed Areas (climate change)

We have a color palette for our graphic designers to use as backgrounds for the illustrations. It's inspired by the Mexican Lotería game by Don Clemente. They can adjust these colors to match the illustrations and make them stand out. For instance, they might use a soft border color from the palette with a fade-in towards the center, along with a white background, so the focus remains on the illustration.

Vulnerability Category	Unknown	Low	Low-Moderate	Moderate	Moderate-High	High
Background Color	Blend of Colors	Dark blue	Light blue	Light yellow	Dark yellow	Pink
Lotería Examples						