



West Campus Tree Walk

The Maidenhair Tree is pyramidal, with irregular horizontal branches. The 2-3" emerald-green fan-shaped leaves grow in clusters of 3-5. Plum shaped, yellow-orange fruit grows on the female trees. The outer fleshy pulp and seed kernel are poisonous when ingested in large quantities and lead to minor dermatitis after contact with skin. However, the seed itself is boiled or roasted and eaten in Asia, and is used in traditional medicine.



10 *Ginkgo biloba*: Maidenhair Tree



13 *Cedrus libani*: Lebanon Cedar

The hardy, slow-growing Lebanon Cedar is one of only 3 species of cedars in the world, and is found between 4000-7000 ft in elevation. The bark is dark gray and fissured, with very thick, long branches. The stiff, dark-green ½-1 ½" needles appear on short shoots and are grouped in tufts of 30-40. It is known for its mythological and scriptural associations. The oldest known tree is over 1000 years old.



11 *Juniperus chinensis 'Torulosa'*: Hollywood Juniper

The Hollywood, or Chinese, Juniper is an irregular, coniferous shrub or tree, which can grow 15-20 ft tall and spread up to 10 ft. It is originally from China, Mongolia and Japan. The tree has dense, dark-green, fragrant, scale-like foliage, inconspicuous flowers, and small berry-like cones of blue color. The variety 'torulosa' is the most sought after of all varieties due to its artistically twisted trunk.

The Jacaranda is native to subtropical regions of South America, but is highly prevalent in many continents due to its attractive lavender to blue flowers. The 2", trumpet-like flowers can bloom any time during the year, but peak in late spring. The tree can grow 25-40 ft tall with equal, or even greater, spread. The plant contains a powerful healing substance called glutamic acid.



14 *Jacaranda mimosifolia*: Jacaranda

The deciduous Sawleaf Zelkova, native to Japan, Taiwan and eastern China, can grow 50-80 ft tall, with equal spread. The bark is smooth and gray when the tree is young, but will reveal the orange-brown inner bark when it gets older. The leaves are oblong, elliptic, and medium-green in color, with coarse, ciliate marginal teeth and acuminate tips, turning from yellow, orange, to brown in fall.



12 *Zelkova serrata*: Sawleaf Zelkova



15 *Callistemon citrinus*: Lemon Bottlebrush

The Lemon Bottlebrush, native to Australia, can grow 6-12 ft tall and 6-9 ft wide. The tree is often multi-trunked with rough, brown bark and gray, drooping branches that have thorns. The 6" bright-green, elliptic and leathery leaves have a distinct citrus aroma when crushed. Bright red flowers, mostly made of stamens, are arranged in fuzzy clusters resembling the bristles on a brush used to clean bottles.



Arbor Grill

This walk begins and ends by the Arbor Grill, making a short loop around the west side of campus and bringing you past the Sundial Fountain. The walk is 0.40 miles long. For more information on the trees in this brochure and a glossary of terms, scan the QR code below.

Water requirements:  Low  Medium  High



1 *Salix babylonica*: Weeping Willow

The Weeping Willow is a rapidly growing deciduous tree with a short life-span, that can reach 30-50 ft in height. It has a short trunk, broad rounded crown, and pendulous weeping branches with 3-6" alternate, narrow, simple leaves. It has a very invasive, shallow root system, so it is best to avoid planting near sewers or water lines.

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2 *Schinus molle*: Pepper Tree

The Pepper Tree, native to Peru, can grow 30-40 ft tall. It has gray-colored bark that exfoliates with age, revealing a reddish color underneath. The leaves are 6-12" long, pinnately compound, and linear with 2½" leaflets. It has small, off-white flowers that are followed by small, round, reddish seeds with a strong pepper scent. The tree is considered invasive by the California Invasive Plant Council.



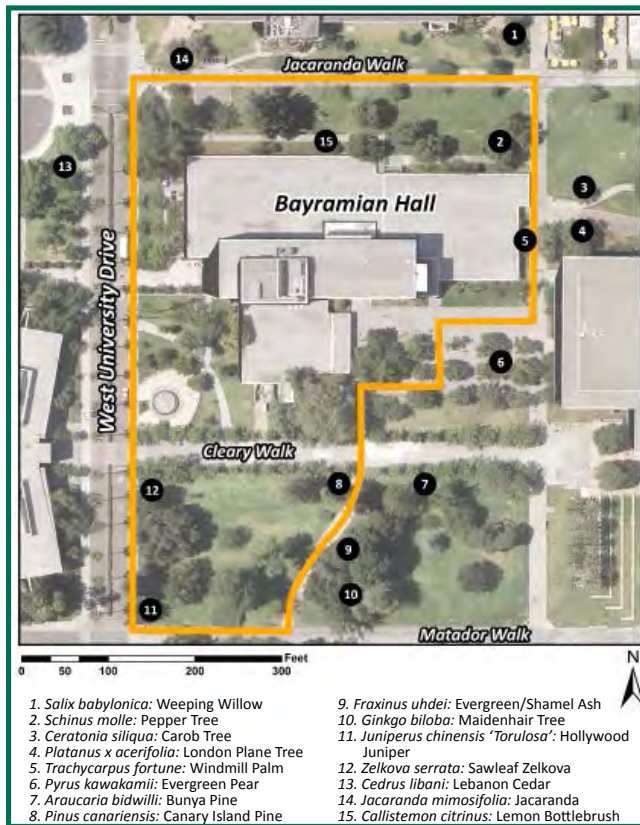
3 *Ceratonia siliqua*: Carob Tree

Carob Trees, native to the eastern Mediterranean, can grow up to 55 ft tall and live over 150 years. The leaves are pinnately compound, glossy, dark green, and oval in shape. The flowers have an unpleasant fragrance and are followed by 4-12" brown pods in summer and fall. The pods are filled with pulp and seeds and are processed into a cocoa-like flour, which is high in fiber, and used as a chocolate substitute.



4 *Platanus x acerifolia*: London Plane Tree

The London Plane Tree is a hybrid between the American Sycamore (*P. occidentalis*) and Oriental Plane (*P. orientalis*). The tree's leaves have deeper sinuses than its American parent and the fruiting balls appear in pairs. The bark is brown in color, but exfoliates in irregular pieces to reveal a cream-colored inner bark. Its leaves are medium to dark-green, lobed and 4-9" wide, with coarse marginal teeth.



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| 1. <i>Salix babylonica</i> : Weeping Willow | 9. <i>Fraxinus uhdei</i> : Evergreen/Shamel Ash |
| 2. <i>Schinus molle</i> : Pepper Tree | 10. <i>Ginkgo biloba</i> : Maidenhair Tree |
| 3. <i>Ceratonia siliqua</i> : Carob Tree | 11. <i>Juniperus chinensis</i> "Torulosa": Hollywood Juniper |
| 4. <i>Platanus x acerifolia</i> : London Plane Tree | 12. <i>Zelkova serrata</i> : Sawleaf Zelkova |
| 5. <i>Trachycarpus fortunei</i> : Windmill Palm | 13. <i>Cedrus libani</i> : Lebanon Cedar |
| 6. <i>Pyrus kawakamii</i> : Evergreen Pear | 14. <i>Jacaranda mimosifolia</i> : Jacaranda |
| 7. <i>Araucaria bidwillii</i> : Bunya Pine | 15. <i>Callistemon citrinus</i> : Lemon Bottlebrush |
| 8. <i>Pinus canariensis</i> : Canary Island Pine | |



5 *Trachycarpus fortunei*: Windmill Palm

The Windmill Palm, one of the most cold-hardy palms, is native to Asia. The 3 ft in diameter palmate leaves are light to dark green above and silvery below. They are held on thin, toothed, flattened stems, that are about 3 ft long. It grows 20-40 ft tall with a 8-10" diameter trunk which is wider at the top.

The Evergreen Pear is native to China and Taiwan. It produces 3" glossy-green, oval shaped leaves with pointy tips. The abundant small, white flowers have 5 petals, multiple stamens and 2 pistils. It is usually the first tree to bloom each year, and the pungent smelling flowers attract birds, bees and butterflies.

6 *Pyrus kawakamii*: Evergreen Pear



Bunya Pines have deeply furrowed bark and 2 types of leaves. Young leaves are 1-2", glossy, and arranged in 2 rows on branchlets. Mature leaves are ½", oval, spirally arranged and overlapping on branchlets. Female trees produce big, spiny, pineapple-shaped cones every few years. The cones can be up to 9" long, 8" across, and can weigh up to 18 pounds! They are a delicacy to Australian Aborigines.



7 *Araucaria bidwillii*: Bunya Pine



8 *Pinus canariensis*: Canary Island Pine

The Canary Island Pine is a fast-growing, narrow tree with a distinctive branching structure. It grows 50-80 ft tall and up to 30 ft wide. The characteristic green-gray needles and oval shaped cones make it unique from other pines. The needles grow in bundles of 3, up to 12", and are often bluish when young. Cones grow 4-9" long. It tolerates smog and dust, and is therefore well adapted for urban areas.

The Shamel Ash, native to Mexico, is a fairly fast-growing tree, which can reach up to 80 ft. The pinnate leaves are divided into 5-9 glossy dark green leaflets, which are about 4" long, toothed and narrow. Its leaflets may burn if exposed to hot winds. Inconspicuous, petal-less flowers grow in large panicles. The tree is dioecious, with male and female flowers growing on separate trees.



9 *Fraxinus uhdei*: Evergreen/Shamel Ash