

developing white "X" markings on the underside. Leaves closely pressed in opposite pairs, lateral pair keel-shaped and overlapping smaller facial pair. Cones numerous and round or spherical shape, 8 mm across.

20. Western Red Cedar *Thuja plicata*

Conifer, evergreen tree, 50-200 ft, narrow. Leaves, scale-like, opposite, in 4 rows, 1.5-3 mm long, shiny dark green, usually with white markings ("butterfly" pattern) on the underside. Cones elliptical, only 12 mm long, clustered and upright, sharp-pointed cone scales.

21. Southern Magnolia *Magnolia grandiflora*

Evergreen tree, 60-80 ft dense. Leaves alternate, simple, glossy green above, often brown "felt" on underside. Flowers are large (20-30 cm across), white,. Fruits are rose-red, aggregates of long, ripening in fall.

22. Portuguese Cherry Laurel *Prunus lusitanica*

Evergreen shrub/tree, 10-20 ft wide spreading. Leaves alternate, simple, 5-15 cm long, about 1/2 as wide, oblong, medium to dark green, two glands on base of blade near point of attachment with petiole. Purple to black fruit, 1.3 cm, in summer.

23. Corneliancherry Dogwood *Cornus mas*

Deciduous multistemmed small tree, 20-25 ft high, spreading to 15 ft. Leaves opposite, simple. Flowers open in early spring, yellow. Fruit an oblong drupe 1.6 cm long, bright cherry red, in mid-summer.

24. Bigleaf Linden *Tilia platyphyllos*

Deciduous tree, up to 135 feet tall, leaves 5-7" long tiny hairs both sides heart shaped.

25. Norway Spruce *Picea abies*

Conifer, evergreen tree, 40-60 ft (12-18 m) tall, pyramidal with drooping branches, stiff when young more, graceful later. However, at maturity it may thin and be open, which some consider "unsightly". Needles bright to dark green, stiff, sharp pointed, 12-25 mm long, arranged all around the stem, 4-sided with stomatal lines on each side. Cones hang down, cylindrical, 10-15 cm long by about 4 cm wide, light brown at maturity.

26. Lodgepole pine var. latifolia *Pinus contorta* Conifer, evergreen tree, 110 ft, columnar. Bark reddish-brown. Two needles per bundle, green to yellow green, 4-6 mm long. Cones 2-5 cm long, egg-shaped, oblique, stalkless (or nearly so, frequently point "backwards", toward the base of the branch.

27. Blue spruce *Picea pungens*

Conifer, evergreen tree, leaf stiff, 3/4 to 1 1/4 inch long, yellow-green to bluish or white. Needles are very sharp, and have an acidic taste. Cones are 2 to 4 inches long, cylindrical, light brown in color. Cone scales are pointed with jagged-erose margins. Maturing in autumn. Needles are borne on woody pegs. Bud scales are noticeably reflexed.

28. Lombardy Poplar *Populus nigra 'Italica'*

Deciduous tree, 70-90 ft tall, very columnar. Leaves alternate, simple, 5-10 cm long, broad base, dark green above, light green below.

29. Sitka Spruce *Picea sitchensis*

Conifer, evergreen tree, 40-160 ft tall, broadly conical with thin, horizontally spreading branches. Bark gray smooth, thin, becoming purplish-brown with scaly plates. Needles stiff, 15-25 mm, on all sides of stem but parted on the underside of horizontal shoots, flattened (will not easily roll between your fingers), sharp point, glossy green above, silvery-white below due to 2 white stomatal lines. Cones cylindrical-oblong, 6-10 cm long.

30. Giant Sequoia *Sequoiadendron giganteum*

Conifer, evergreen tree, fast growing to 100 ft (30 m), 300+ ft (92 m) in wild, dense and pyramidal-oval in youth. Bark is reddish-brown, fibrous, very thick, spongy, deeply furrowed. Leaves blue green, scale-like, sharp pointed, on cord-like branchlets, crowded and overlapping in three longitudinal rows, 3-6 mm long on leaders. Cones 4.5-7 cm long, elliptical, squat, reddish brown.

31. Washington Hawthorn *Crataegus phaenopyrum*

Deciduous tree, 15-30 ft, rounded, dense, delicate, thorny. Leaves simple, 2.5-7.5 cm long, 3-5 lobed, sharply serrate, reddish purple when unfolding changing to a lustrous dark green, fall color orange to scarlet. White flowers with pink anthers. The last hawthorn to flower. Bright red glossy fruit, 6 mm diam., persisting all winter.

32. Harlequin Glorybower *Clerodendrum trichotomum*

Deciduous shrub/tree, coarse, 10-20 ft. Leaves, entire, opposite, 10-23 cm x 5-10 cm, dark green, soft hairy, when bruised they have the odor of peanut butter. Flowers white, appear in late summer and early fall, fragrant; showy red calyxes cover small, and ultimately, bright blue fruit.

33. Pacific Dogwood *Cornus nuttallii*

Deciduous tree, 30-40ft, upright. Leaves opposite, simple, elliptic-ovate, 7.5-13 cm long. Large flower buds at ends of stems. Inflorescence has 4-8 showy white bracts.

34. Vine Maple *Acer circinatum*

Deciduous tree, 10-20 ft, multistemmed, shrubby, spreading, sprawling and vine-like in forest shade but bushy and dense in sun. Opposite, simple leaves, 9 to 11 lobed, lobes unequal or doubly toothed. In sun develops red, orange, and yellow fall colors. Fruits 4 cm long, wings horizontally spread.

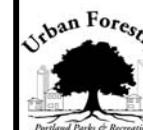


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Mt. Tabor Park
Tree Walk
SE 60th and Salmon
Portland, Oregon



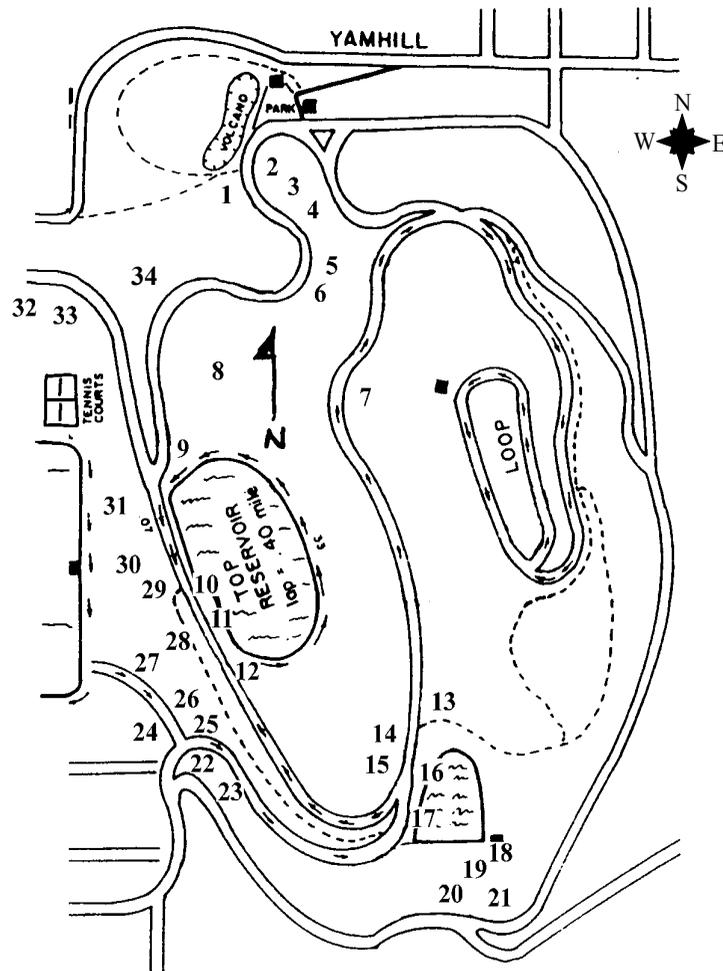
24. Big Leaf Linden



For more information about Portland's trees
contact your Neighborhood Tree Liaison or
Portland Parks & Recreation, Urban Forestry
Division at 503-823-1650.



Mt Tabor Park Tree Walk



The City of Portland requires a permit to plant, remove, or prune any street tree. Call the Urban Forestry Division at 503-823-4489 for the free permit and to consult with a Tree Inspector. Inspectors are certified ISA arborists and will assist the property owner in selecting the best tree, determining the appropriate location for planting in the public right-of-way, and answering other street tree care questions.

Go to www.portlandparks.org for tree care information, neighborhood tree walks and Portland Heritage Tree maps.

Tree walk and brochure designed by Joanne Arnst Mt. Tabor's Neighborhood Tree Liaison.
Tree descriptions courtesy of Oregon State University Department of Horticulture. Visit them online at <http://oregonstate.edu/dept/ldplants>.

1. Japanese Flowering Cherry *Prunus serrulata* Deciduous tree, 20-35 ft, many clones, variable habits. Leaves alternate, simple, 5-13 cm long, have a long point, serrate with bristle-like teeth, 2-4 glands on petiole. Note horizontal lenticels on bark

2. European Beech *Fagus sylvatica* Deciduous tree, 50-100, pyramidal to oval, dense. Bark smooth gray, developing an elephant hide appearance on old trunks. Buds large, 2-2.5 cm, pointed. Leaves simple, alternate. Hard woody fruit (nut), 1.5 cm long, triangular, usually two nuts enclosed by a four lobed husk (2-2.5 cm long) covered with bristles.

3. Norway Spruce *Picea abies* Conifer, evergreen tree, 40-60 ft tall, pyramidal with drooping branches. Needles bright to dark green, stiff, sharp pointed, 12-25 mm long, arranged all around the stem, 4-sided with stomatal lines on each side. Cones hang down, cylindrical, 10-15 cm long by about 4 cm wide, light brown at maturity.

4. London Planetree *Platanus × acerifolia* Deciduous tree, 70-100 ft, open, spreading with age. Bark exfoliates and is cream, olive, light brown, best asset of the tree. Leaves alternate, 3-5 lobed, 15-18 cm x 20-25 cm. Fruit is about 2.5 cm in diameter.

5. Black Tupelo *Nyssa sylvatica* Deciduous tree, 30-50 ft, pyramidal to irregular rounded. Leaves alternate, ovate, 7.5-15 cm long, entire margin, but sometimes remotely toothed, glossy (waxy) upper and dull lower surface, good fall color, often bright red. Dioecious

6. Ginkgo *Ginkgo biloba* Deciduous tree, usually pyramidal, Leaves whorled, fan-shaped, yellow fall color. Dioecious.

7. European Mountain Ash *Sorbus aucuparia* Deciduous tree, 20-40 ft, upright oval in youth, gracefully open at maturity. Leaves alternate and pinnately compound, 13-23 cm long, leaflets 2-6.5 cm long, serrate. Fruit yellow to red, in showy clusters.

8. Pin Oak *Quercus palustris* Deciduous tree, 60-75 ft, descending lower branches. Leaves alternate, simple, wide deep sinuses tips slightly lobed and bristle-like, may color red in fall. Many leaves hang on all winter. Small acorn, about 12 mm long, the nut is enclosed only at the base by a thin, saucer-like cup.

9. Coastal Redwood *Sequoia sempervirens* Conifer, evergreen tree, 200+ ft tall densely branched, pyramidal. Bark a rich red-brown, fibrous. Leaves needle-like, flat, 2-ranked, stiff and sharp pointed, dark green, two broad whitish stomatal bands below. Cones somewhat egg-shaped, 2-2.5 cm long, brownish, ripen in first year.

10. Oregon Myrtle *Umbellularia californica* Broadleaf evergreen, 25-70 ft high. Leaves elliptical, 5-13 cm long, thick and leathery, shiny dark green above and dull and lighter below; very aromatic. Clusters of small, creamy white flowers in early spring.

11. Deodar Cedar *Cedrus deodora* Conifer, evergreen, 40-150 ft high, broadly pyramidal with gracefully pendulous branches, central leader, spreading and flat-topped with age. Long branches bearing spur-like stems with whorled needles. Needles 2.5-5 cm long, 15-20 per whorl, light blue or grayish green. Female cones are upright, egg like.

12. Blue Atlas Cedar *Cedrus atlantica* 'Glauca' Conifer, evergreen, 40-120 ft tall. Green needles clustered (10-20) on spurs. Female cones are barrel-shaped, upright.

13. Bigleaf Maple *Acer macrophyllum* Deciduous tree, 50-100 ft, rounded, leaves, opposite, (20-30 cm across, petiole yields milky sap when detached. Fruit (double samara), hang down. Foliage yellow to gold or brown in fall

14. Ponderosa Pine *Pinus ponderosa* Conifer, evergreen tree, 60-100 ft. Bark in older trees yellowish brown, flat, scaly plates. Needles long (13-25 cm) and in 3's or sometimes in 2's, sharp, lines on each surface. Cones 5-15cm long, conical or egg-shaped.

15. Digger Pine *Pinus sabiniana* Conifer, evergreen tree, 40-70 ft, often multistemmed. Bark gray-brown, thick, deeply fissured, revealing a red-brown under bark. Needles 3 per bundle, 20-30 cm long, slender. Cones solitary or several laterally arranged, persisting for 3-7 years, mostly 15-25 cm long, egg-shaped, cone-scales long & thick.

16. Pacific Waxmyrtle or Bayberry *Myrica californica* Broadleaf evergreen, 10-30 ft, many upright stems. Leaves simple, alternate, 5-11 cm long, narrow. Spring flowers are inconspicuous, fruit are warty, dark purple, almost black, usually with a waxy coating, evident in fall.

17. Elkhorn Cedar *Thujaopsis dolobrata* Conifer, evergreen tree, 30-50 ft high, dense, pyramidal. Leaves coarse, 4-6 mm long, glossy dark green above, distinctive hollowed white stripe of stomata beneath, lateral leaves have somewhat incurved tips

18. Ellwood Cypress *Chamaecyparis lawsoniana* 'Ellwoodii'

19. Port Orford Cedar *Chamaecyparis lawsoniana* Conifer (but not a true cedar), evergreen tree, 40-60 ft tall, (180 ft in wild), narrow, pyramidal, buttressed trunk. Short ascending branches, drooping at the tips. Flattened frond-like twigs are arranged horizontally,