



## Vernon Elementary School Tree Planting

2044 NE Killingsworth Street

Planted April 2006 by Portland Parks & Recreation - City Nature,  
with help from Grant High School Ecology Club and Vernon Elementary School.

### 1-3 Oregon White Oak *Quercus garryana*

Deciduous tree, 40-90 ft (12-27 m), broad spreading, rugged, heavy ascending branches, often shrubby when young (less than 25 years). Leaves alternate, simple, 5-15 cm long, dark green, round lobed, autumn color is saddle brown, occasionally tinted gold or dull red. Fruit with a short stalk or sessile, acorn ovate, smooth, 2.5.-3 cm long, about 1/3 enclosed by cup.

### 4, 6 Northern Red Oak *Quercus rubra*

Deciduous tree, 60-75 ft (15-23 m), rounded, ascending, usually massive branches, tends to branch close to the ground. Leaves alternate, simple, 7-11 lobes, base wedge shaped or sometimes rounded. Fall color from yellow-brown (often) to russet-red and bright red (rare). Acorn 2-2.5 cm long, enclosed at the base in a flat, thick, saucer-like cup. (One author remarked that red oak "has no cup, it has a saucer".) New leaves are red in spring.

### 5 London Plane Tree *Platanus x 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, triangular-ovate or broad triangular. Fruit, syncarp of achenes, is about 2.5 cm in diameter.



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**7 Oregon Ash *Fraxinus latifolia***

Deciduous tree, 40-80 ft [12-24 m, narrow, dense crown, straight trunk. Leaves opposite, pinnately compound, 15-30 cm long, 5-7 oval leaflets, each 5-15 cm long, 2.5-4 cm wide, elliptical, short-pointed at ends, lateral leaflets are sessile or with a short stalk (petiolule), medium to light green above and paler and slightly pubescent below; fall color is yellow or brown. Dioecious, male and female plants. Fruit, single samara, 3-5 cm long, hang in dense clusters.

**8, 9 Ginkgo *Ginkgo biloba***

Deciduous tree, 50+ ft, usually pyramidal, dominant main leader, but variable. Leaves alternate, simple, fan-shaped, 3-7.5 cm long and wide, in clusters of 3-5 per spur or alternate on long shoots. Dioecious "fruit" on female plants is plum-shaped (2.5 cm diam), green then tan or orange, extremely messy and malodorous.

**10 Diana Larch *Larix kaempferi* 'Diana'**

Deciduous conifer, may reach 20 ft (6 m), branches and stems twisted, contorted. Leaves twisted, bright green, yellow in fall.

**11 Katsuratree *Cercidiphyllum japonicum***

Deciduous tree, 40-60ft high, pyramidal when young. Leaves simple, opposite or purplish when unfolding, then finally bluish-green, are rounded, heart-shaped, 5-10 cm long, neatly spaced in pairs along arching branches. Dioecious, i.e., male and female plants.

**12, 13 Yellow Fever Magnolia *Magnolia acuminata* x *M. x soulangiana* 'Yellow Fever'**

Broadly pyramidal, upright branching becoming rounded and open with age 20 to 30 ft. Grows best in moist, well-drained, humus-rich, loamy soil, and part shade, large entire leaves, 7", fragrant flowers, ivory-yellow tinged with lime green, Bark Smooth gray trunk assumes a bonsai-like form with age, providing winter interest.

Shape

**14, 15 October Glory Maple *Acer rubrum***

**October Glory®**

Deciduous tree, 40 x 35 ft, broadly oval to round. Leaves opposite, simple, medium glossy green with long red petioles, fall color deep red to reddish-purple, one of the last to color in fall. A female tree and wings of fruit are red tinged.

**16 Hackberry *Celtis occidentalis***

Deciduous tree, 40-60 ft tall, similar spread, ascending arching branches, some drooping branches. Leaves simple, alternate (2 rows along twig), 6-9 cm long, ovate to oblong-ovate, serrate except at base, long tapering tip, serrate except at base, dull light or medium green above, paler below (yellow or green yellow in fall), petiole 13-19 mm. Fruit is berry-like drupe, reddish-purple, 6-8 mm across, persisting in winter, edible (flavor similar to dates).

**17 Pagoda Tree *Sophora japonica***

Deciduous tree, 35-50 ft, wide as it is tall. Stems 1 through 4 years old are green (or green-brown). Leaves alternate, pinnately compound, 15-30 long, leaflets entire, ovate-lance-ovate, 2.5-5.0 cm long, green and lustrous above and glaucous beneath; the petiole (rachis) is swollen at the base and encloses the bud. Large clusters of small, ivory white blooms appear in July-Aug. (if it flowers). Pods, bright green changing finally to yellow-brown, 7.5-20 cm long, often constricted between seeds.

• **Rocky Mountain Maple *Acer glabrum* (street trees)**

Deciduous small tree, to 30-ft tall, often multi-stemmed, upright. Leaves simple, 7-14 cm long, about as wide, 3-5 lobes (occasionally divided into 3 leaflets), coarsely double toothed, green above, blue-green below; petiole long (3-12 cm), slender, often red. Fall color yellow. Flowers 5 mm across, yellowish green, with 5 petals. Fruit wings 18-22 mm long, nearly parallel.