Introduction

This slow growing, open-crowned, round, small tree eventually reaches to 10 to 15 feet tall (occasionally 20) and 10 to 15 feet wide. The large panicles of wispy cream-colored flowers produced in spring and early summer give the effect of a cloud of smoke. They make a wonderful accent in a shrub border and can be planted as a specimen or as a patio tree where the black, showy, multiple trunk can be displayed. Planting Smoketree is a good way to extend the spring flowering-tree season into the summer before the Crape-Myrtles come into full bloom. Fall color is usually good to excellent and ranges from yellow to orange and brilliant red-purple. Many people grow it simply to enjoy the vivid fall color.

General Information

Scientific name: Cotinus coggygria
Pronunciation: koe-TYE-nus koe-GUY-gree-uh
Common name(s): Smoketree, Wig-Tree, Smokebush
Family: Anacardiaceae
USDA hardiness zones: 5B through 8B (Fig. 2)
Origin: not native to North America
Invasive potential: little invasive potential
Uses: specimen; deck or patio; street without sidewalk; container or planter; reclamation; trained as a standard; screen; parking lot island < 100 sq ft; parking lot island 100-200 sq ft; parking lot island > 200 sq ft; tree lawn 3-4 feet wide; tree lawn 4-6 feet wide; tree lawn > 6 ft wide; highway median
Availability: not native to North America

Figure 1. Middle-aged Cotinus coggygria: Smoketree
Figure 2. Range
**Description**

Height: 10 to 15 feet  
Spread: 10 to 18 feet  
Crown uniformity: symmetrical  
Crown shape: round  
Crown density: dense  
Growth rate: slow  
Texture: medium

**Foliage**

Leaf arrangement: alternate (Fig. 3)  
Leaf type: simple  
Leaf margin: entire  
Leaf shape: obovate, elliptic (oval)  
Leaf venation: reticulate, pinnate  
Leaf type and persistence: deciduous  
Leaf blade length: 2 to 4 inches  
Leaf color: blue or blue-green, green  
Fall color: yellow, orange, red, purple  
Fall characteristic: showy

![Figure 3. Foliage](image)

**Flower**

Flower color: pink, white/cream/gray  
Flower characteristics: very showy

**Fruit**

Fruit shape: oval, irregular  
Fruit length: less than .5 inch  
Fruit covering: dry or hard  
Fruit color: brown  
Fruit characteristics: does not attract wildlife; showy; fruit/leaves not a litter problem

**Trunk and Branches**

Trunk/bark/branches: branches droop; showy; typically multi-trunked; thorns  
Pruning requirement: little required  
Breakage: resistant  
Current year twig color: brown  
Current year twig thickness: medium, thick  
Wood specific gravity: unknown

**Culture**

Light requirement: full sun  
Soil tolerances: clay; sand; loam; alkaline; acidic; well-drained  
Drought tolerance: high  
Aerosol salt tolerance: moderate

**Other**

Roots: not a problem  
Winter interest: no  
Outstanding tree: yes  
Ozone sensitivity: unknown  
Verticillium wilt susceptibility: susceptible  
Pest resistance: resistant to pests/diseases

**Use and Management**

The tree is tough and adapts to restricted soil spaces. It could be used along a street under power lines and would not require pruning for many years. It is a small tree, well-adapted to urban areas with almost year-round interest which should be used more in our landscapes.

Smoketree grows best in a sunny location and a well-drained loam. It will grow asymmetrically and lean toward the light in a partially sunny area, so it is best to locate it in full day sun where the crown will develop symmetrically. Though sometimes short-lived in rich soil, Smoketree is useful in dry, rocky soil where there is no irrigation. It also grows in a wide range of soil pH, including alkaline. It is probably short-lived (20 years - maybe more) in most situations but who cares - the tree is great while it’s around!

Propagation is by seed but there is considerable variation in leaf color. Cutting propagation can be accomplished in June or early July with IBA.

Cultivars include: ‘Daydream’ - heavy production of panicles, dense habit of growth; ‘Flamé’ - brilliant orange-red fall color, pink inflorescences; ‘Nordine’ - resembles ‘Royal Purple’; ‘Notcutt’s Variety’ - dark maroon-purple leaves (also known as ‘Foliis Purpureis Notcutt’s Variety’ and ‘Rubrifolius’); ‘Purpureus’ - leaves bronze-green, inflorescences purplish-pink; ‘Royal Purple’ - leaves are darker purple than ‘Notcutt’s Variety’, rich red-purple fall color, purplish-red inflorescences; ‘Pendulus’ - pendulous branches; and ‘Velvet Cloak’ - dark purple-leaf form, spectacular fall color of reddish-purple.

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*Cotinus coggygria: Smoketree*
**Pests**
Oblique-banded leaf roller mines and rolls the leaves, usually in June. The insect rarely occurs in sufficient numbers to warrant control. When it does occur they can be picked off by hand or sprayed with *Bacillus thuringiensis*.

**Diseases**
Leaf spots can be caused by various genera of fungi but are usually not serious.

Scab may cause leaf drop. No controls are listed.

The most serious disease is Verticillium wilt. Smoketree is very susceptible, and entire branches wilt and die. Prune out infected branches, fertilize, and water the plant during dry weather.

A stem canker can be a problem in the eastern U.S.