



From what address do you want to search ?

How large an area?





## Species on this block

London Planetree

Pin Oak

Callery Pear

Cherry

Willow Oak

Japanese Zelkova

Little Leaf Linden

Norway Maple

Red Maple

Green Ash

Pagoda

Honey Locust

Siberian Elm

Sweet Gum

Gingko

Eastern Red Cedar



## Japanese Zelkova



### **Zelkova serrata (Thunb.) Makino**

*Zelkova serrata* is a medium-sized deciduous tree usually growing to 30 m (98 ft) tall. It is characterized by a short trunk dividing into many upright and erect spreading stems forming a broad, round-topped head. The tree grows rapidly when young though the growth rate slows to medium upon middle age and maturity.

*Z. serrata* develops monoecious flowers in spring with the leaves. Buds are ovoid, acutish, with many imbricate, dark brown scales.[5] They diverge at a 45 degree angle from the stem. The drupe is green maturing to brown, subsessile and 2.5 to 3.5 mm (3/32 to 1/8 in) in diameter. To identify *Zelkova serrata*, one would look for a short main trunk, low branching and a vase-shaped habit. The bark is grayish white to grayish brown and either smooth with lenticels or exfoliating in patches to reveal orange inner bark. The branchlets are brownish-purple to brown.

### **Environmental Benefits**

Description of environmental benefits of this tree and the rest in the region

### **Tree Care**

Water each young tree 15-20 gallons once a week between May and October (that's 3-4 large buckets). Using a hand cultivator, carefully loosen the top 2-3 inches of soil to alleviate compaction and help water and air reach the roots. Do not dig any deeper or use large tools. These will damage the tree roots. Water slowly so the water penetrates the soil and does not run off of the surface. Water at the soil level, not through the leaves of shrubs and groundcovers. If it rains 1 inch or more in a week's time period, you do not need to water.

### **Suggestions for Street Tree Watering**

Poke small holes at the bottom of a large trash can. Fill it with 15-20 gallons of water and leave the trash can next to the tree overnight. Ask building maintenance staff to water trees while they are hosing off sidewalks.

**Print an information sign about this tree**

**Become a steward of this tree**

**Order a horticultural sign for this tree from the parks department**

**Getting to Know your Trees (working name): Treez in the Hood or Treeborhood**

<b><u>Target Audience</u></b>	NYC residents, business owners, community, neighborhoods
<b><u>Goal/Purpose/Mission</u></b>	Educate, connect, build relationship/commitment with trees
<b><u>Deliverables</u></b>	Website/Application; map, listing/icons, images, information, links Map trees; reference All FRMS style images-brown and green, varying :  Tree signs (3"x 5" or 6", info, link/directions to site/application) Printable Info/Care Sheet Link/connection to steardship applicaion/database
<b><u>Functionality</u></b>	web page divided into two sides, map on 60%, text on 40% map shows trees and nyc streets, sized by tree trunk diameter, information side c geolocator range option to choose area you want to explore user selects area to explore such as block, council district or neighborhood map highlights region and trees in the area info column lists species of trees in exploration area user selects species from list, or tree from map hovering over species or trees fires event to highlight correlating info in map or ir clicking species name or tree then info field shows the tree species info, images a all trees of that species would be highlighted on exploration area of map by color which highlights all others in area of same species.  Option to print information/care page

Link to functioning site:

<http://esrieddelivery.maps.arcgis.com/apps/LocalPerspective/index.html?appid=38728c5b7f5349a29c48f7240d099200>

\* Sample list, not complete/comprehensive

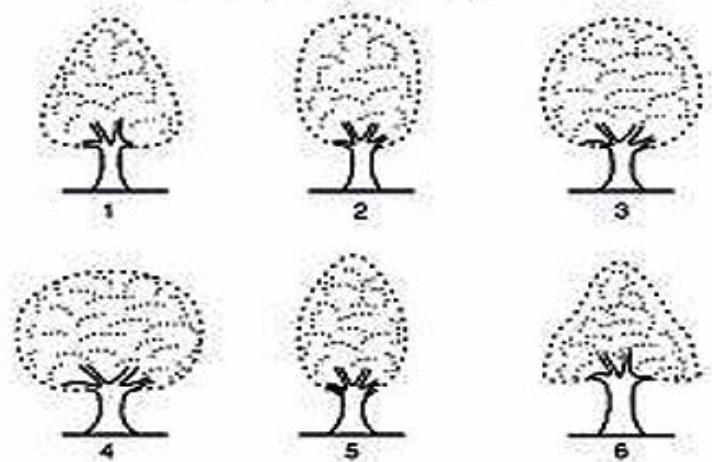
<b><u>Tree</u></b>	<b><u>Stewardship</u></b>	<b><u>Helpful Tips/Info</u></b>	<b><u>Issues/Concerns</u></b>
Year Planted	Water*	Longevity	Flower-petals will fall
Image/icons (all seasons, leaves, buds, varietties)	Weed pit	growth rate	Fruits-fruit will fall...
Image(anatomy of a tree)	Loosen dirt	seasons/stages	Leaves-will fall Size (average range; height, crown diameter)
Species	Planting		Condition/Health
Common name(s)	Lights		
Types	Signage		
Shape	posts		Blights
Leaf shape	Guard		Insects/pests
leaf arrangement	Clean pit		Overhead (wires)
Bud arrangement	Wires		Roots
Branch arrangement			Strangling
			Preferences/tolerances (shade, water, soil)
Trunk/bark			Shallow roots/weak
Fruit/Seed/Pod			
Flower			



**7.1.11**  
(See Fig. 3)

**Crown shape**

- 1 Pyramidal
- 2 Oblong
- 3 Spherical
- 4 Semi-circular
- 5 Elliptical
- 6 Irregular
- 99 Other (specify in descriptor 7.6 Notes)



**Fig. 3. Crown shape**

