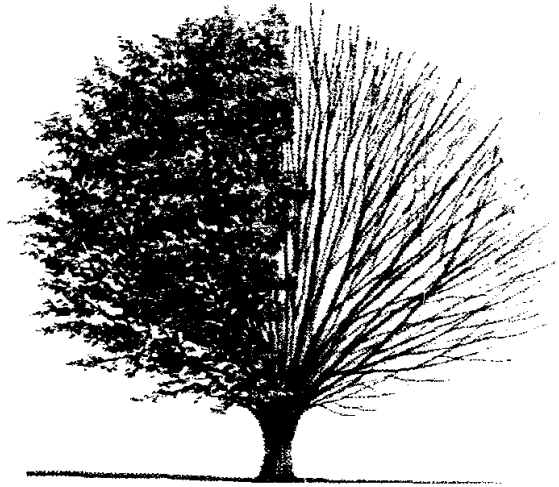
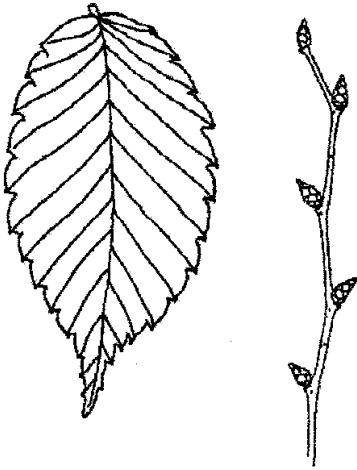


Japanese Zelkova

Zelkova serrata



GENERAL DESCRIPTION: This tree has been widely planted along streets and in yards in NYC and other urban areas. It is very tolerant of a wide range of soil and climatic conditions, is moderate in height and the newer cultivars have a particularly vase shape with many branches originating close together about 6-8' above the ground. The leaves have pleasing serrations, medium size and attractive yellow, golden-bronze or reddish purple fall color. The bark shiny grayish bark tends to exfoliate. Zelkova is resistant to Dutch Elm disease, elm leaf beetle and Japanese beetle.

HABIT AND SIZE: 50-80' high and as wide with a vase shaped outline and the major branches originating close together low on the trunk (6-8'). With age, additional ascending branches maintain the general form.

LANDSCAPE VALUE: Once considered a replacement for the American elm but habit nothing like it. However, it is a handsome tree with a distinctive growth habit, medium sized attractive leaves that is good for street plantings, lawns parks etc.,. Disease resistant.

LEAVES: Alternately arranged, simple 1.25-2" long or on shoots to s" long. Ovate to oblong-ovate shape, tip concavely tapering to a point (acuminate) or ending abruptly in a short pointed tip (apiculate) and base rounded or subcordate. Margins sharply serrate with acuminate teeth, and 8-14 pairs of veins. Color dark green, and texture rough above and hairy below.

FLOWERS: Staminate flowers in axial cluster of flower leaves. Calyx a vase with 4-slobes and stamens 4-5. Pistillate flowers unisexual or bisexual few or solitary in axils of the upper leaves. Flowers in late February to early March.

FRUIT: A small single seeded drupe wider than long, oblique with an eccentric style

BUD: Ovoid, acutish, with many overlapping, shiny dark brown, broad scales. At 45° angle.

DISEASES AND INSECTS: Resistant to Dutch elm disease, elm leaf beetle and Japanese beetle. Susceptible to other problems that affect elms.

HARDINESS AND RANGE: Zones s-8. Japan

CULTIVARS: "Village Green"- early cultivar, dense stiff crown, rapid growth, 'Green Vase'- a most graceful form, tall, excellent fall color and 'Halka'- most similar to American elm.