

CITY of NEW BERN's APPEARANCE COMMITTEE
Recommended Trees for Streets, New Construction Sites and Parking Lots

MEDIUM TREES (30 to 50 feet at maturity)

Common Name

American Holly
Hybrid Elm
Chinese Pistache
Goldenrain Tree
Japanese Zelkova 'Musashino'
Pear 'Chanticleer' / 'Cleveland'
Smoothleaf Elm
Trident Maple

Botanical Name

Ilex Opaca
Ulmus parvifolia
Pistachia chinensis
Koelreuteria paniculata
Zelkova serrata Musashino
Pyrus calleryana
Ulmus carpinifolia
Acer buergerianum

TREE SPECIMEN

Botanical Name:	Ilex opaca
Common Name:	American Holly
Overall Shape:	Round to Pyramidal
Deciduous/Evergreen:	Evergreen
Flower (color, form, season):	Small, axillary, greenish-white flowers bloom from April to June.
Fruit (color, form, season):	Bright red, orange or rarely yellow, globular fruit mature from September to October.
Foliage (color, season):	Stiff and leathery in texture, with large, remotely spined teeth.
Potential Height (mature):	30 to 40 feet
Potential Width (mature):	20 feet
Growth Rate:	Slow
Culture Needs:	Grows best in well-drained, sandy soils, but will tolerate somewhat poorly drained soils. Good shade tolerance but does best in direct sun. Moderate, taproot and a prolific lateral root system. pH range 4 to 7.5 pH
Advantages:	Recommended for buffer strips around parking lots or for median strip plantings in the highway; reclamation plant; screen; specimen; sidewalk cutout (tree pit); residential street tree.
Limitations:	Disease issues include tar spot, bot canker, chlorosis, and & spine spot. Pests include holly leaf minors, scale, & mites. Only the females bear berries and must be cross-pollinated by a nearby male.
Characteristics:	
Recommended Cultivars:	



TREE SPECIMEN

Botanical Name: Ulmus parvifoli/ulmus carpinifolia hybrids

Common Name: Lacebark Elm, Hybrid Elm

Overall Shape: Vase to rounded

Deciduous/Evergreen: Deciduous

Flower (color, form, season): Small cream/purple flowers in the fall.

Fruit (color, form, season): Insignificant

Foliage (color, season): Dark green, serrated, oblong leaves turn yellow, orange, red, or burgundy in fall

Potential Height (mature): 40 to 50 feet

Potential Width (mature): 50 feet

Growth Rate: Fast

Culture Needs: Full sun, but will tolerate part sun, Sandy, loam, or clay soil. Will thrive in wet, moist or dry soil. pH Range 4.0 to 7.0.

Advantages: No serious pest problems, but can suffer from oyster shell scale. A good replacement for American elm.

Limitations: Requires adequate space.

Characteristics: Attractive exfoliating bark.

Recommended Cultivars: *'Allee'* grows 50 feet tall and 35 feet wide, has an upright vase shaped, arching form, featuring medium green glossy leaves that turn orange to rust red in the fall. Has outstanding bark.

'Dynasty', a National Arboretum selection, grows to 50 feet tall and as wide, is fast growing, and forms a graceful, vase-shaped, spreading canopy of long, arching, and somewhat weeping branches clothed in dark green glossy leaves that turn various shades of red in the fall. An ideal street tree.

'Frontier', a National Arboretum introduction and a hybrid of *u. carpinifolia* and *u. parvifolia*, grows 40 feet tall and 30 feet wide, with a broadly oval/vase shape form, and glossy green leaves that change to an unusual burgundy red in the fall.



TREE SPECIMEN

Botanical Name:	Chinese Pistache
Common Name:	<i>Pistacia chinensis</i>
Overall Shape:	Rounded/Vase
Deciduous/Evergreen:	Deciduous
Flower (color, form, season):	Small, axillary, greenish-white flowers bloom from April to June.
Fruit (color, form, season):	Bright red fruit (on female trees) in the fall ripening to dark blue.
Foliage (color, season):	Finely divided, lustrous, dark green foliage, turning a fiery orange/red in the fall.
Potential Height (mature):	40 to 50 feet
Potential Width (mature):	25 to 35 feet
Growth Rate:	Moderate
Culture Needs:	Full to part sun, in moderately fertile, well-drained soils. Grows in clay, loam, or sand and is pH tolerant.
Advantages:	Recommended for buffer strips around parking lots or for median strip plantings in the highway, in tree pits, and residential streets. Tolerant of urban areas where air pollution, poor drainage, compacted soil, and/or drought are common. Withstands heat and is largely pest free.
Limitations:	Occasionally suffers from verticillium wilt and oak root fungus.
Characteristics:	Attractive peeling bark provides food for wildlife.
Recommended Cultivars:	



TREE SPECIMEN

Botanical Name:	Koelreuteria paniculata
Common Name:	Goldenrain Tree
Overall Shape:	Rounded
Deciduous/Evergreen:	Deciduous
Flower (color, form, season):	Yellow, in late Spring
Fruit (color, form, season):	Flowers are followed by 2" seed pods.
Foliage (color, season):	Compound leaves give the tree an overall lacy appearance. Green in spring/summer, yellow in the fall.
Potential Height (mature):	30 to 40 feet
Potential Width (mature):	30 to 40 feet
Growth Rate:	Moderate
Culture Needs:	Protected, sunny location. Sandy, loam or clay soil. Prefers to be dry. pH tolerant.
Advantages:	No pruning needed; very showy when in bloom.
Limitations:	Susceptible to canker. Reseeds and is thus somewhat 'weedy.'
Characteristics:	Reseeds readily.
Recommended Cultivars:	



TREE SPECIMEN

Botanical Name:	Zelkova serrata, var. 'Musashino'
Common Name:	Japanese Zelkova
Overall Shape:	Columnar, the narrowest of Zelkovas
Deciduous/Evergreen:	Deciduous
Flower (color, form, season):	Not showy, occur in tight clusters along the stem before leaf out in spring.
Fruit (color, form, season):	Small triangular drupe.
Foliage (color, season):	Alternate, serrated, medium green in summer, yellowish-red to rusty-red color in fall.
Potential Height (mature):	45 feet
Potential Width (mature):	15 to 20 feet
Growth Rate:	Fast when young, moderate with age.
Culture Needs:	Full to part sun in moist well drained soil.
Advantages:	Ideal for planting along narrow city streets and other confined areas. No serious pest problems. Resistant to Dutch Elm Disease.
Limitations:	None
Characteristics:	
Recommended Cultivars:	



TREE SPECIMEN

Botanical Name:	Pyrus Calleryana
Common Name:	Callery Pear
Overall Shape:	Upright, pyramidal
Deciduous/Evergreen:	Deciduous
Flower (color, form, season):	Flowers form corymbs about 3" in diameter in early to mid-spring (March – April) and peak before foliage appears. Slightly malodorous.
Fruit (color, form, season):	Round prone type fruit about half-inch diameter.
Foliage (color, season):	Simple, ovate with wavy margins; good fall color with purples, reds, and oranges.
Potential Height (mature):	30 feet
Potential Width (mature):	15 feet
Growth Rate:	Moderate to Fast
Culture Needs:	Full sun to part shade, adaptable to many soil types. Drought tolerant. Moderate, shallow root system. pH tolerant.
Advantages:	Fairly disease and pest resistant. Easily transplanted during dormant season. More wind resistant than Bradford Pear.
Limitations:	Leaf spot is biggest concern as it discolors the foliage, but it is not life threatening.
Characteristics:	Makes a great specimen tree. Best planted in limited numbers.
Recommended Cultivars:	'Cleveland Select', 'Chanticleer'



TREE SPECIMEN

Botanical Name:	Acer buergeranum
Common Name:	Trident Maple
Overall Shape:	Rounded
Deciduous/Evergreen:	Deciduous
Flower (color, form, season):	Greenish-yellow, inconspicuous, in the spring.
Fruit (color, form, season):	Double winged seed pods, 1 inch long maturing in October to November.
Foliage (color, season):	3 inch wide tri-lobed, slightly serrated glossy green leaves that are paler underneath. Turn various shades of red, orange and yellow in the fall.
Potential Height (mature):	30 to 45 feet
Potential Width (mature):	20 to 30 feet
Growth Rate:	Slow to moderate
Culture Needs:	Prefers moist, slightly acidic soil, but adaptable to most soil types. Grows in part to full sun. Drought tolerant.
Advantages:	No serious pest or disease problems.
Limitations:	Can experience winter twig kill. Typically forking low and thus subject to wind damage.
Characteristics:	Exfoliating bark on larger stems provide winter interest and color.
Recommended Cultivars:	

