

	A	B	C	D	E	F	G	H	I	J
1	COMMON NAME	SCIENTIFIC NAME	ACCEPTABLE CULTIVARS	NE NATIVE?	HEIGHT	SPREAD	STREET TREE?	CONDITIONS	ATTRIBUTES	AVAILABILITY of 3" limited
2										
3	Bald Cypress	<i>Taxodium distichum</i>	Monarch of Illinois'	southeast/ midatlantic	50-70'	20-30'	yes	adaptable to wet, dry, or compacted soils	pyramidal deciduous conifer	x
4	Birch, River	<i>Betula nigra</i>		yes	40-70'	40-60'	yes	adaptable to dry or wet soils	exfoliating bark	
5	Birch, Black or Sweet	<i>Betula lenta</i>		yes	40-55'	30-45'			good fall color (yellow), cherry-like bark	x
6	Black walnut	<i>Juglans nigra</i>		yes	50-75'	50-75'		moist, rich, deep soil	oval to rounded crown on a tall trunk without lower branches at maturity	x
7	Butternut	<i>Juglans cinerea</i>		yes	40-60'	30-50'		moist, rich, deep soil		x
8	Catalpa, Northern	<i>Catalpa speciosa</i>		yes	40-60'	20-40'		shows invasive tendencies in south	pannicles of bell-shaped flowers	
9	Cherry, Black	<i>Prunus serotina</i>		yes	60-90'	35-50'		sun to pt shade; salt and drought tolerant	small white flowers and black fruits, scaly bark	x
10	Elm, American	<i>Ulmus americana</i>	DED-resistant: 'Princeton', 'Jefferson', 'New Harmony', 'Valley Forge'	yes	60-80'	50-70'	yes	easily transplanted, pH adaptable, prefers moist, fertile soil, prune in September to October soil salt tolerant	Vase shape. U structure branching (Jefferson) preferable to V structure (Princeton)	
11	Common Hackberry	<i>Celtis occidentalis</i>	none	southern NE	40-60'	40-60'		Zone 3, tolerates wet, dry, poor soil, easily transplant form B&B container or bare root, prefers rich soil, very soil adaptable, tolerant of most conditions, wind tolerant, full sun, urban tolerant	A large deciduous tree, cylindrical shape when mature, branches tend to droop, fast growth rate, coarse texture	
12	Canadian Hemlock, Eastern Hemlock	<i>Tsuga canadensis</i>	not used as hedge	yes	60-80'	25-40'		cool, damp N slope, sun or shade; placement critical for tree's health and survival. May require treatment for wooly adelgid	Needle evergreen, conical or pyramidal shape, soft, graceful, horizontal to pendulous branches, fine texture	
13	Shagbark Hickory	<i>Carya ovata</i>	none	yes	50-100'	20-40'		prefers deep, well-drained soil, has a large taproot, which makes transplanting difficult, full sun to partial shade	fruit can be a litter problem, few pest and disease problems	x

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14	Common Honeylocust	<i>Gleditsia triacanthos</i>	Shademaster, Skyline, Halka	midwest	50-60'	25-35	yes, where space permits	tolerates salt, compaction, full sun, adaptable to a range of soils, grows best in deep, moist, fertile soils of neutral pH, probably performs best in soils that are not too acidic, tolerant of pollution	A medium to large deciduous tree, spread is usually equal to height, branching is upright-spreading to arching or more or less horizontal, some trees become nearly flat-topped rather loose and open, casts only light shade, develops a short main trunk; possible allergen risk	
15	Kentucky Coffeetree	<i>Gymnocladus dioicus</i>	male cultivars only	midwest	60-75	30-50	yes	Tolerant of many tough conditions	best used as a street tree; except when in flower unattractive for much of the year, not specimen tree	
16	Linden, American / Basswood	<i>Tilia americana</i>		yes	60-80'	30-55'	no - salt intolerant	sensitive to salt, pollution, gas leaks		
17	Magnolia, Cucumber	<i>Magnolia acuminata</i>		yes	50-80'	50-80'				
18	Maple, red	<i>Acer rubrum</i>		yes	40-70'	20-40'	yes			
19	Maple, sugar	<i>Acer saccharum</i>	Fall Fiesta, Commemoration, Flash Fire, Green Mountain	yes	75'	20-50'	no		needs lots of ground space and water	
20	Oak, Black	<i>Quercus velutina</i>		yes	50-60'	50-60'	no			x
21	Oak, Bur	<i>Quercus macrocarpa</i>		central plains	70-80'	70-80'	yes		excellent park and large area tree	
22	Oak, Chestnut	<i>Quercus montana</i>		yes	60-70' (wikipedia)	60-70' (wikipedia)				x
23	Oak, Pin	<i>Quercus palustris</i>		yes	75'	40'	downward branching makes unsuitable; good setback tree			
24	Oak, Red	<i>Quercus rubra</i>		yes	75'	30-45'	yes			
25	Oak, Scarlet	<i>Quercus coccinia</i>		yes	75'	40-50'	no	often found on dry sandy soil, grows higher in the wild, whatis offered in nurseries may not be scarlet oak	late color, may be scarlet, may be russet,may gro 1-2'/year in first 10-20 yrs	
26	Oak, Swamp white	<i>Quercus bicolor</i>		yes	50-60'	50-60'	no	drought resistant, but grows in the wild in swamps/besides rivers, needs acid soil	easier to transplant than white oak, grows many tertiary branches which makes winter silhouette somewhat coarse, yellow in fall	
27	Oak, White	<i>Quercus alba</i>		yes	50-80'	50-80'	no	acid soil, likes full sun, dislikes compaction	difficult to transplant (balled and burlapped), slow grower, good park/meadow tree	
28	Pine, Eastern White	<i>Pinus strobus</i>	many	yes	50-80'	20-40'	no	tolerates many soils, needs fair amount of sun	branches break in high wind,easy to transplant	
29	Sassafras	<i>Sassafras albidum</i>		yes	30-60'	25-40'	no	full sun to light shade	hard to transplant; clonal	

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30	Sweetgum	<i>Liquidambar styraciflua</i>		southern NE	60-75	40-50'	yes if enough room for roots	likes moist, slightly acid soil, grows best with moist soil	beautiful, variable fall color, leaves persist until late in fall, messy fruit, many cultivars	
31	Sycamore, American	<i>Platanus occidentalis</i>		yes	75-100'	75-100' +	yes	full sun	Massive trunk with flaking bark, open crown	
32	Tuliptree	<i>Liriodendron tulipifera</i>		yes	70-90'	35-50'	Some cultivars	full sun, moist, well-drained loam	fast-growing and tallest east coast tree; tulip-shaped leaves greenish-yellow flowers	
33	Tupelo	<i>Nyssa sylvatica</i>	Wildfire', 'Green Gable'	yes	30-50' or larger	20-30'	yes	full sun or semi-shade, sheltered from wind, poor pollution tolerance	glossy green leaves with bright fall color; bluish black fruit eaten by many birds and mammals	
34	Yellowwood	<i>Cladrastis kentukea</i>		southeast	30-50'	40-55'	no due to low branching - good setback tree	full sun, well-drained soil	low-branching tree with broad, rounded crown and panicles of white, fragrant flowers.	