

Lifespans of Common Trees in Virginia

Source: Loehle, C. (1988). "Tree life history strategies: the role of defenses (documents/Loehle-1988-Can Journal For Res-18(2).pdf)." Canadian Journal of Forest Research 18(2): 209-222.

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Common Name	Scientific Name	Average Lifespan	Maximum Lifespan
Ash, Green	<i>Fraxinus pennsylvanicum</i>	120	175
Ash, White	<i>Fraxinus americana</i>	260	300
Basswood	<i>Tilia americana</i>	100	140
Beech, American	<i>Fagus grandifolia</i>	300	400
Birch, Gray	<i>Betula populifolia</i>	50	?
Birch, Paper	<i>Betula papyrifera</i>	100	140
Birch, Sweet	<i>Betula lenta</i>	150	250
Birch, Yellow	<i>Betula alleghaniensis</i>	150	300
Boxelder	<i>Acer negundo</i>	75	100
Catalpa	<i>Catalpa speciosa</i>	100	?
Cedar, Eastern red	<i>Juniperus virginiana</i>	150	300
Cherry, Black	<i>Prunus serotina</i>	100	250
Chestnut, American	<i>Castanea dentata</i>	100	300
Cucumbertree	<i>Magnolia acuminata</i>	80	250
Cypress, Bald	<i>Taxodium distichum</i>	600	1800
Dogwood, Flowering	<i>Cornus florida</i>	125	?
Elm, American	<i>Ulmus americana</i>	175	300
Elm, Slippery	<i>Ulmus rubra</i>	200	300
Hackberry	<i>Celtis occidentalis</i>	150	200
Hemlock, Eastern	<i>Tsuga canadensis</i>	450	800

Common Name	Scientific Name	Average Lifespan	Maximum Lifespan
Hickory, Bitternut	<i>Carya cordiformis</i>	175	200
Hickory, Mockernut	<i>Carya tomentosa</i>	200	300
Hickory, Pignut	<i>Carya glabra</i>	200	300
Hickory, Shagbark	<i>Carya ovata</i>	250	300
Holly, American	<i>Ilex opaca</i>	100	150
Locust, Black	<i>Robinia pseudoacacia</i>	60	100
Honeylocust	<i>Gleditsia triacanthos</i>	120	?
Magnolia, Southern	<i>Magnolia grandiflora</i>	80	120
Maple, Red	<i>Acer rubrum</i>	130	300
Maple, Silver	<i>Acer saccharinum</i>	100	125
Maple, Sugar	<i>Acer saccharum</i>	300	400
Mulberry, Red	<i>Morus rubra</i>	125	?
Oak, Basket	<i>Quercus michauxii</i>	100	200
Oak, Black	<i>Quercus velutina</i>	100	225
Oak, Blackjack	<i>Quercus marilandica</i>	100	?
Oak, Chestnut	<i>Quercus prinus</i>	300	400
Oak, Live	<i>Quercus virginiana</i>	200	300
Oak, Northern Red	<i>Quercus rubra</i>	200	400
Oak, Overcup	<i>Quercus lyrata</i>	300	400
Oak, Pin	<i>Quercus palustris</i>	100	150
Oak, Post	<i>Quercus stellata</i>	250	450
Oak, Scarlet	<i>Quercus coccinea</i>	80	180
Oak, Southern Red	<i>Quercus falcata</i>	200	275
Oak, Water	<i>Quercus nigra</i>	175	175
Oak, White	<i>Quercus alba</i>	300	600
Osage-orange	<i>Maclura pomifera</i>	75	300 +

Common Name	Scientific Name	Average Lifespan	Maximum Lifespan
Pecan	<i>Carya illinoensis</i>	300	?
Persimmon	<i>Diospyros virginiana</i>	60	80
Pine, Loblolly	<i>Pinus taeda</i>	100	300
Pine, Shortleaf	<i>Pinus echinata</i>	200	300
Pine, Table Mountain	<i>Pinus pungens</i>	100	200
Pine, Virginia	<i>Pinus virginiana</i>	100	200
Pine, White	<i>Pinus strobus</i>	200	450
Poplar, Balsam	<i>Populus balsamifera</i>	100	150
Tulip–Poplar	<i>Liriodendron tulipifera</i>	250	450
Sassafras	<i>Sassafras albidum</i>	100	500
Spruce, Blue	<i>Picea pungens</i>	150	350
Sweetgum	<i>Liquidambar styraciflua</i>	200	300
Tupelo, Black	<i>Nyssa sylvatica</i>	250	600
Walnut, Black	<i>Juglans nigra</i>	150	250
Willow, Black	<i>Salix nigra</i>	70	85

Related Links

- [Search VA Big Trees \(search.cfm\)](#)
- [Protecting Trees \(protect.html\)](#)
- [Other Resources \(resources.html\)](#)

External Links

- [National Big Tree Register \(http://www.americanforests.org/bigtrees/bigtrees-search/\)](http://www.americanforests.org/bigtrees/bigtrees-search/)
- [OldList of verified ancient trees in North America \(http://www.rmtrr.org/oldlist.htm\)](http://www.rmtrr.org/oldlist.htm)
- [OldList of verified ancient trees in the Eastern United States \(http://www.ldeo.columbia.edu/~adk/oldlisteast \)](http://www.ldeo.columbia.edu/~adk/oldlisteast)
- [Wikipedia list of oldest trees \(https://en.wikipedia.org/wiki/List_of_oldest_trees\)](https://en.wikipedia.org/wiki/List_of_oldest_trees)
- [An Old Tree Doesn't Get Taller, But Bulks Up Like A Bodybuilder \(http://www.npr.org/2014/01/16/262479807/old-trees-grow-faster-with-every-year\)](http://www.npr.org/2014/01/16/262479807/old-trees-grow-faster-with-every-year)