



There are something like 70 natives tree species found in the wild in New Hampshire. The exact number is hard to state because some species are more commonly found in a shrub form, others are rare, and some can be distinguished from each other by only the most determined dendrologist.

The following criteria were used to determine inclusion on this list:

1. Native to at least part of New Hampshire. (Some may be uncommon).
2. Capable of growing to at least 20 feet.
3. Must, at least on occasion, grow as single-stem specimens. Some of the species listed are more commonly found in the shrub form.

Species are split into softwood and hardwood groupings. Within those broad groups, species are broken into genus. The genus are listed in alphabetical order by the generic common name. The species appear within the generic grouping by the common name most often used by this particular author. Other common names are given for many of the species. Latin names are also given. Family names appear by the generic name.

Softwoods

Arborvitae

northern white cedar, arborvitae

Arborvitae (Cupressaceae)

Thuja occidentalis

Fir

balsam fir

Abies (Pinaceae)

Abies balsamea

Hemlock

eastern hemlock

Tsuga (Pinaceae)

Tsuga canadensis

Juniper

eastern redcedar

Juniperis (Cupressaceae)

Juniperus virginiana

Larch

tamarack, eastern larch

Larix (Pinaceae)

Larix laricina

Pine

eastern white pine

red pine

pitch pine

jack pine

Pinus (Pinaceae)

Pinus strobus

Pinus resinosa

Pinus rigida

Pinus banksiana

Spruce

black spruce

red spruce

white spruce

Picea (Pinaceae)

Picea mariana

Picea rubens

Picea glauca

White Cedar

Atlantic white-cedar

Chamaecyparis (Cupressaceae)

Chamaecyparis thyoides

Hardwoods

Ash

white ash
black ash
green ash

Fraxinus (*Oleaceae*)

Fraxinus americana
Fraxinus nigra
Fraxinus pennsylvanica

Basswood

American basswood

Tilia (*Tiliaceae*)

Tilia americana

Beech

American beech

Fagus (*Fagaceae*)

Fagus grandifolia

Birch

yellow birch
sweet birch, black birch
river birch
paper birch, white birch
heartleaf birch
gray birch

Betula (*Betulaceae*)

Betula alleghaniensis
Betula lenta
Betula nigra
Betula papyrifera
Betula cordifolia
Betula populifolia

Cherry

black cherry
pin cherry, fire cherry
chokecherry

Prunus (*Rosaceae*)

Prunus serotina
Prunus pennsylvanica
Prunus virginiana

Chestnut

American chestnut

Castanea (*Fagaceae*)

Castanea dentata

Dogwood

flowering dogwood
alternate leaf dogwood

Cornus (*Cornaceae*)

Cornus florida
Cornus alternifolia

Elm

American elm
slippery elm

Ulmus (*Ulmaceae*)

Ulmus americana
Ulmus rubra

Gum

blackgum, black tupelo

Nyssa (*Nyssaceae*)

Nyssa sylvatica

Hackberry

hackberry

Celtis (*Ulmaceae*)

Celtis occidentalis

Hawthorn

dotted hawthorn
downy hawthorn
scarlet hawthorn
golden-fruited hawthorn
Brainerd's hawthorn
broad-leaved hawthorn
frosted hawthorn
fan-leaved hawthorn

Hickory

bitternut hickory
red hickory
shagbark hickory
pignut hickory

Hophornbeam

eastern hophornbeam

Hornbeam

American hornbeam, blue beech, ironwood

Maple

boxelder
black maple
striped maple, moosewood maple
red maple, white maple, swamp maple, soft maple
silver maple
sugar maple, rock maple, hard maple
mountain maple

Mountain Ash

American mountain ash
showy mountain ash

Oak

northern red oak
scarlet oak
pin oak
black oak
white oak
swamp white oak
chestnut oak
bur oak

***Craetagus* (Rosaceae)**

Craetagus punctata
Craetagus mollis
Craetagus coccinea
Craetagus chrysocarpa
Craetagus brainerdii
Craetagus dilatata
Craetagus pruinosa
Craetagus flabellata

***Carya* (Juglandaceae)**

Carya cordiformis
Carya ovalis
Carya ovata
Carya glabra

***Ostrya* (Betulaceae)**

Ostrya virginiana

***Carpinus* (Betulaceae)**

Carpinus caroliniana

***Acer* (Aceraceae)**

Acer negundo
Acer nigrum
Acer pensylvanicum
Acer rubrum
Acer saccharinum
Acer saccharum
Acer spicatum

***Sorbus* (Rosaceae)**

Sorbus americana
Sorbus decora

***Quercus* (Fagaceae)**

Quercus rubra
Quercus coccinea
Quercus palustris
Quercus velutina
Quercus alba
Quercus bicolor
Quercus prinus
Quercus macrocarpa

Poplar

eastern cottonwood
 balsam poplar
 bigtooth aspen
 quaking aspen, trembling aspen, popple

***Populus* (Salicaceae)**

Populus deltoides
Populus balsamifera
Populus grandidentata
Populus tremuloides

Sassafras

sassafras

***Sassafras* (Lauraceae)**

Sassafras albidum

Serviceberry

downy serviceberry
 smooth serviceberry

***Amelanchier* (Rosaceae)**

Amelanchier arborea
Amelanchier laevis

Sumac

staghorn sumac

***Rhus* (Anacardiaceae)**

Rhus typhina

Sycamore

American sycamore, planetree, buttonwood

***Platanus* (Platanaceae)**

Platanus occidentalis

Viburnum

nannyberry, wild raisin

***Viburnum* (Caprifoliaceae)**

Viburnum lentago

Walnut

black walnut
 butternut, white walnut

***Juglans* (Juglandaceae)**

Juglans nigra
Juglans cinerea

Willow

black willow

***Salix* (Salicaceae)**

Salix nigra

Witch-hazel

witch hazel

***Hamamelis* (Hamamelidaceae)**

Hamamelis virginiana

References

Albion R. Hodgdon and Frederic L. Steele, 1958. The Woody Plants of New Hampshire, UNH Ag. Exp. Station Bulletin #447.

William Harlow, Ellwood Harrar, and Fred White. 1979. Textbook of Dendrology, McGraw-Hill Series in Forest Resources.

Henry A. Gleason and Arthur Cronquist, 1993, Manual of Vascular Plants of Northeastern United States and Adjacent Canada, The New York Botanical Garden.

Kartecz, J.T., 1999. A Synonymized Checklist and Atlas with Biological Attributes for the Vascular Flora of the United States, Canada, and Greenland. First Edition. In: Kartecz, J.T., and C.A. Meachum. Synthesis of the North American Flora, Version 1.0. North Carolina Botanical Garden, Chapel Hill. NC

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