

Full Species List of Trees, Shrubs & Vines

The vast forest covering more than 95% of Shenandoah National park contains 331 tree, shrub, and vine species. Over half of the land is dominated by either chestnut oak (Quercus montana) or red oak (Quercus rubra) forests situated on the ridge tops and upper slopes, while mid-slope positions support areas of mixed hardwood forests that include maple (Acer spp.), birch (Betula spp.), ash (Fraxinus spp.), and basswood (Tilia americana) trees. Yellow poplar (Liriodendron tulipifera) forests are found on the lower slopes and along streams. Mountain laurel (Kalmia latifolia) is one of the most abundant understory shrubs within the park, and is well known for its showy pink blooms in June. Mid-summer brings ripe blackberries and raspberries (Rubus spp.) to open areas along trails and streams. Blueberries (Vaccinum spp.) and black huckleberries (Gaylussacia baccata) soon follow and are especially abundant in the dry oak forests of the park.

Threats to the park's forests include insect pests, invasive exotic plants, climate change and excessive deer browsing. Insect pests are of particular concern because they can have devastating impacts on the forest, as seen in the early 1990s when the European gypsy moth (*Lymantria dispar*) defoliated and killed thousands of oak trees in the park. The hemlock wooly adelgid (*Adelges tsugae*), also a non-native insect, followed in the late 1990s and killed a majority of the park's hemlock trees. Today, attention is focused on the emerging threat posed by the emerald ash borer (*Agrilus planipennis*), a green beetle native to Asia that was discovered in the park in 2014. A dramatic decline in ash is expected as the infestation spreads, with larger trees being especially susceptible.

This checklist was compiled on March 10, 2015 using data exported from the National Park Service NPSpecies database. The database can be accessed at https://irma.nps.gov/NPSpecies/. Please be advised that Latin names often change as a result or new research; therefore, scientific names used here may not reflect the most current accepted nomenclature.



Rhododendron periclymenoides



Sassafras albidum



Cercis canadensis



Quercus montana



This represents information currently in the NPSpecies data system at the date and time the list was generated. Records are continually being added or updated by National Park Service staff. There is a key with definitions at the bottom of the report. To report an error or make a suggestion, go to https://irma.nps.gov/npspecies/suggest.

Bookmark this report: https://irma.nps.gov/NPSpecies/Reports/Park/Species List with Park Tag Filter/SHEN? UnitCode=SHEN&CategoryCode=11&SortOrder=Sci&ShowSyonyms=False&ShowInReview=False&ParkTags=17,18,46

This report is filtered by the following Habitat Type(s), Life Form(s) or Season(s): Life Form: Tree, or Life Form: Shrub, or Life Form: Vine and is filtered by the following Taxonomic Categories: Vascular Plants

Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
<u>Vascular Plants</u>								
Abies balsamea	balsam fir	Р	R	N	MP	Tr; ME, MF, RO	G5	VA: S1
Acer negundo	boxelder	Р	С	N		Tr; MF, WL	G5	VA: S5
Acer nigrum	black maple	Р	Uc	N		Tr; CU, MF, XF	G5	VA: S5
Acer pensylvanicum	striped maple	Р	Α	N		Tr; MF, RO, WL, XF	G5	VA: S5
Acer platanoides	Norway maple	Р	Uc	Nn		Tr; CU, MF	GNR	VA: SNA
Acer rubrum	red maple	Р	Α	N		Tr; ME, MF, RO, WL, XF	G5	VA: S5
Acer saccharinum	silver maple	Р	R	U		Tr; MF, WL	G5	VA: S5
Acer saccharum	sugar maple	Р	С	N		Tr; MF, WL	G5	VA: S5
Acer spicatum	mountain maple	Р	Uc	N		Tr; MF, RO, WL, XF	G5	VA: S5
Actinidia chinensis	kiwi	Р	R	Nn		Vi; ME, WL		
Aesculus hippocastanum	horsechestnut	Р	R	Nn		Tr; CU	GNR	VA: SNA
Aesculus pavia	red buckeye	Р	R	Nn		Tr; CU	G5	
Ailanthus altissima	tree-of-heaven	Р	С	Nn		Tr; ME, MF, RO, WL, XF	GNR	VA: SNA
Akebia quinata	chocolate-vine	Р	R	Nn		Vi; CU	GNR	VA: SNA
Albizia julibrissin	mimosa	Р	R	Nn		Tr; CU, WL	GNR	VA: SNA
Alnus incana ssp. rugosa	speckled alder	Р	R	N	MP	Sh; ME, MF, WL	G5T5	VA: S2
Alnus serrulata	smooth alder	Р	Uc	N		Sh; ME, MF, WL, XF	G5	VA: S5
Amelanchier arborea	downy serviceberry	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5
Amelanchier laevis	smooth serviceberry	Р	С	N		Tr; ME, MF, WL, XF	G4G5Q	VA: S4
Amelanchier sanguinea	roundleaf serviceberry	Р	Uc	N		Sh; RO, XF	G5	VA: S3
Amphicarpaea bracteata	hog peanut	Р	С	N		Vi; ME, MF, RO, WL, XF	G5	VA: S5
Apios americana	groundnut	Р	Uc	N		Vi; ME, MF, WL	G5	VA: S5
Aralia spinosa	devil's walking stick	Р	Uc	N		Sh; ME, MF	G5	VA: S5
Arctostaphylos uva-ursi	bearberry	Р	R	N	MP	Sh; RO	G5	VA: S1
Aristolochia macrophylla	pipevine	Р	Uc	N		Vi; MF	G5	VA: S5
Aronia arbutifolia	red chokeberry	Р	Uc	N		Sh; ME, MF, WL, XF		
Aronia melanocarpa	black chokeberry	Р	С	N		Sh; ME, MF, RO, WL, XF		
Aronia X prunifolia	purple chokeberry	Р	Uc	N		Sh; MF, WL		



Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
Asimina triloba	pawpaw	Р	С	N		Tr; MF, WL	G5	VA: S5
Berberis thunbergii	Japanese barberry	Р	Uc	Nn		Sh; CU, ME, MF	GNR	VA: SNA
Berberis vulgaris	common barberry	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Betula alleghaniensis	yellow birch	Р	С	N		Tr; MF, RO, WL	G5	VA: S5
Betula cordifolia	mountain paper birch	Р	R	N	MP	Tr; MF, RO		
Betula lenta	sweet birch	Р	Α	N		Tr; MF, RO, WL, XF	G5	VA: S5
Betula nigra	river birch	Р	R	N		Tr; MF, WL	G5	VA: S5
Betula populifolia	gray birch	Р	R	N	MP	Tr; ME, WL	G5	VA: S1
Broussonetia papyrifera	paper mulberry	Р	Uc	Nn		Tr; CU	GNR	VA: SNA
Buxus sempervirens	common box	Р	Uc	Nn		Sh; CU	GNR	
Callitropsis nootkatensis	Alaska cedar	Р	R	Nn		Tr; CU		
Calystegia sepium	hedge bindweed	Р	С	N		Vi; ME, MF, WL	G5	VA: SNR
Campsis radicans	trumpet creeper	Р	Uc	N		Vi; ME, MF	G5	VA: S5
Carpinus caroliniana	ironwood	Р	Uc	N		Tr; MF, WL, XF	G5	VA: S5
Carya cordiformis	bitternut hickory	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5
Carya glabra	pignut hickory	Р	Α	N		Tr; MF, RO, XF	G5	VA: S5
Carya ovalis	sweet pignut hickory	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5
Carya ovata	shagbark hickory	Р	С	N		Tr; MF, XF	G5	VA: S5
Carya tomentosa	mockernut hickory	Р	С	N		Tr; MF, XF		
Castanea dentata	American chestnut	Р	С	N	MP	Tr; MF, RO, XF	G4	VA: S4
Castanea pumila	Allegheny chinquapin	Р	С	N		Tr; XF	G5	VA: S5
Catalpa bignonioides	catalpa	Р	R	Nn		Tr; CU	G3G4	VA: SNA
Ceanothus americanus	New Jersey tea	Р	Uc	N		Sh; ME, MF, XF	G5	VA: S5
Celastrus orbiculatus	oriental bittersweet	Р	С	Nn		Vi; ME, MF		
Celastrus scandens	climbing bittersweet	Р	R	N		Vi; ME, MF, XF	G5	VA: S4
Celtis occidentalis	hackberry	Р	С	N		Tr; ME, MF, RO, XF	G5	VA: S5
Celtis tenuifolia	dwarf hackberry	Р	R	N		Tr; ME, MF, RO, XF	G5	VA: S4
Cephalanthus occidentalis	buttonbush	Р	R	N		Sh; WL	G5	VA: S5
Cercis canadensis	redbud	Р	С	N		Tr; ME, MF, RO	G5	VA: S5
Chaenomeles speciosa	flowering quince	Р	Uc	Nn (C)		Sh; CU	GNR	
Chamaecyparis obtusa	hinoki falsecypress	Р	R	Nn		Tr; CU		
Chamaecyparis pisifera	Japanese falsecypress	Р	R	Nn		Tr; CU	GNR	
Chionanthus virginicus	fringetree	Р	Uc	N		Tr; CU, MF, RO, XF	G5	VA: S5
Cladrastis kentukea	Kentucky yellowwood	Р	Uc	Nn		Tr; CU	G4	
Clematis occidentalis var. occidentalis	purple clematis	Р	R	N	MP	Vi; ME, RO, XF	G5T5	VA: S2



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Clematis terniflora	Japanese clematis	Р	R	Nn		Vi; CU, ME	GNR	VA: SNA
Clematis viorna	Northern leatherflower	Р	Uc	N		Vi; MF, RO, XF	G5	VA: S4
Clematis virginiana	virgin's bower	Р	С	N		Vi; ME, MF, WL, XF	G5	VA: S5
Comptonia peregrina	sweet fern	Р	Uc	N		Sh; ME, XF	G5	VA: S5
Convolvulus arvensis	field bindseed	Р	Uc	Nn		Vi; ME	GNR	VA: SNA
Cornus alternifolia	alternate-leaved dogwood	Р	Uc	N		Sh; ME, MF, RO, WL	G5	VA: S5
Cornus florida	flowering dogwood	Р	Α	N		Tr; ME, MF, RO, WL, XF	G5	VA: S5
Cornus kousa	Kousa dogwood	Р	R	Nn		Tr; CU		
Cornus racemosa	gray dogwood	Р	Uc	N		Sh; ME, WL	G5?	VA: S5
Cornus rugosa	round-leaved dogwood	Р	R	N	MP	Sh; MF, RO, XF	G5	VA: S1
Corylus americana	hazelnut	Р	С	N		Sh; ME, MF, WL, XF	G5	VA: S5
Corylus cornuta	beaked hazelnut	Р	Uc	N		Sh; ME, MF, WL, XF	G5	VA: S5
Crataegus chrysocarpa	hawthorn	Р	Uc	N		Sh; ME, MF, RO	G5	VA: SU
Crataegus crus-galli	cockspur hawthorn	Р	Uc	N		Tr; ME, MF, RO, XF	G5	VA: S4
Crataegus dodgei	Dodge's hawthorn	Р	Uc	N		Sh; ME, MF, RO	G4	
Crataegus flabellata	fanleaf hawthorn	Р	Uc	N		Sh; ME, MF, WL	G4	VA: S4?
Crataegus intricata	entangled hawthorn	Р	Uc	N		Sh; ME, MF, RO	G5	VA: S4
Crataegus lucorum	grove hawthorn	Р	Uc	N		Sh; CU, ME	G4?	
Crataegus macrosperma	bigfruit hawthorn	Р	Uc	N		Tr; ME, MF, XF	G5	VA: S4
Crataegus pruinosa	frosted hawthorn	Р	R	N	MP	Tr; ME, RO, XF	G5	VA: SNR
Crataegus succulenta	fleshy hawthorn	Р	R	N	MP	Tr; CU, ME	G4G5	
Crataegus uniflora	one-flowered hawthorn	Р	Uc	N		Sh; ME, MF, RO, XF	G5	VA: S5
Cuscuta compacta	compact dodder	Р	Uc	N		Vi; MF, WL	G5	VA: S5
Cuscuta coryli	hazel dodder	Р	R	N	MP	Vi; RO, XF	G5?	VA: S2?
Cuscuta gronovii	common dodder	Р	Uc	N		Vi; ME, MF, WL	G5	VA: S5
Cuscuta pentagona	field dodder	Р	Uc	N		Vi; ME, XF	G5	VA: S5?
Cuscuta rostrata	beaked dodder	Р	R	N	MP	Vi; RO	G4	VA: S2
Cydonia oblonga	quince	Р	Uc	Nn		Tr; CU	GNR	
Diervilla lonicera	northern bush- honeysuckle	Р	Uc	N		Sh; RO, XF	G5	VA: S4
Dioscorea oppositifolia	Chinese yam	Р	R	Nn		Vi; ME, MF, WL	GNR	VA: SNA
Diospyros virginiana	persimmon	Р	С	N		Tr; ME, MF, RO, WL, XF	G5	VA: S5
Dirca palustris	leatherwood	Р	Uc	N		Sh; MF, WL	G4	VA: S4
Elaeagnus umbellata	autumn olive	Р	Uc	Nn		Sh; ME, MF	GNR	VA: SNA
Epigaea repens	trailing arbutus	Р	Uc	N		Sh; MF, XF	G5	VA: S5
Eubotrys racemosa	swamp doghobble	Р	Uc	N		Sh; WL		



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Euonymus alatus	burning bush	Р	R	Nn		Sh; CU, ME, MF	GNR	VA: SNA
Euonymus americanus	strawberry-bush	Р	Uc	N		Sh; MF	G5	VA: S5
Euonymus europaeus	European spindle-tree	Р	R	Nn		Sh; CU	GNR	VA: SNA
Euonymus fortunei	winter creeper	Р	Uc	Nn		Vi; MF, WL	GNR	VA: SNA
Fagus grandifolia	American beech	Р	Uc	N		Tr; MF, WL, XF	G5	VA: S5
Fagus sylvatica	copper beech	Р	R	Nn		Tr; CU	GNR	
Fallopia convolvulus	black bindweed	Р	Uc	Nn		Vi; ME		
Forsythia suspensa	forsythia	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Fraxinus americana	American ash	Р	Α	N		Tr; MF, RO, WL, XF	G5	VA: S5
Fraxinus nigra	black ash	Р	Uc	N		Tr; WL	G5	VA: S3
Fraxinus pennsylvanica	green ash	Р	Uc	N		Tr; ME, MF, WL	G5	VA: S5
Galactia volubilis	downy milkpea	Р	R	N		Vi; ME, RO, XF	G5	VA: S5
Gaylussacia baccata	black huckleberry	Р	С	N		Sh; ME, MF, RO, WL, XF	G5	VA: S5
Gaylussacia dumosa	dwarf huckleberry	Р	R	N		Sh; ME, WL	G5	VA: S4
Ginkgo biloba	ginkgo	Р	R	Nn		Tr; CU	G1	VA: SNA
Gleditsia triacanthos	honey locust	Р	Uc	N		Tr; CU	G5	VA: S5
Gymnocladus dioicus	Kentucky coffee-tree	Р	Uc	U		Tr; CU, MF	G5	VA: S3
Hamamelis virginiana	witch hazel	Р	Α	N		Sh; MF, RO, WL, XF	G5	VA: S5
Hedera helix	english ivy	Р	Uc	Nn		Vi; CU, ME, MF	GNR	VA: SNA
Hibiscus syriacus	rose-of-sharon	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Humulus japonicus	Japanese hop	Р	R	Nn		Vi; CU, WL	GNR	VA: SNA
Humulus lupulus	common hop	Р	Uc	N		Vi; CU, WL	G5	VA: S4
Hydrangea arborescens	wild hydrangea	Р	С	N		Sh; MF, RO, WL, XF	G5	VA: S5
Hydrangea paniculata	panicled hydrangea	Р	R	Nn		Sh; CU	GNR	
Hypericum hypericoides ssp. hypericoides	St. Andrew's cross	Р	Uc	N		Sh; MF, XF	G5T5	VA: SNR
Hypericum prolificum	shrubby St. John's-wort	Р	Uc	N		Sh; ME, RO	G5	VA: S5
llex montana	mountain holly	Р	С	N		Sh; MF, RO, WL, XF	G5	VA: S5
llex opaca	American holly	Р	Uc	N		Tr; MF, XF	G5	VA: S5
llex verticillata	common winterberry	Р	Uc	N		Sh; MF, WL	G5	VA: S5
lpomoea coccinea	small red morning glory	Р	Uc	Nn		Vi; ME	GNR	VA: SNA
Ipomoea hederacea	ivy-leaved morning glory	Р	Uc	Nn		Vi; ME	G5	VA: SNA
Ipomoea lacunosa	small-flowered morning glory	Р	Uc	N		Vi; ME, MF, WL	G5?	VA: S5
Ipomoea pandurata	manroot	Р	Uc	N		Vi; ME, MF, RO, XF	G5	VA: S5
Ipomoea purpurea	common morning glory	Р	Uc	Nn		Vi; ME	GNR	VA: SNA



Scientific Name	Common Names	Осс	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
Juglans cinerea	butternut	Р	R	N		Tr; MF, RO	G4	VA: S3?
Juglans nigra	black walnut	Р	Uc	N		Tr; CU, MF, RO	G5	VA: S5
Juniperus communis	common juniper	Р	R	Nn		Sh; CU	G5	VA: S1
Juniperus virginiana	eastern red cedar	Р	Uc	N		Tr; ME, RO, XF	G5	VA: S5
Kalmia latifolia	mountain laurel	Р	Α	N		Sh; MF, RO, WL, XF	G5	VA: S5
Kolkwitzia amabilis	beauty bush	Р	Uc	Nn		Sh; CU	GNR	
Lathyrus latifolius	everlasting pea	Р	Uc	Nn		Vi; CU, ME	GNR	VA: SNA
Ligustrum obtusifolium	border privet	Р	Uc	Nn		Sh; CU, MF	GNR	VA: SNA
Ligustrum sinense	Chinese privet	Р	Uc	Nn		Sh; CU, ME, MF	GNR	VA: SNA
Ligustrum vulgare	European privet	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Lindera benzoin	spicebush	Р	Α	N		Sh; MF, WL	G5	VA: S5
Liriodendron tulipifera	tuliptree	Р	Α	N	MP	Tr; MF, WL, XF	G5	VA: S5
Lonicera canadensis	fly honeysuckle	Р	R	N		Sh; MF, RO, WL	G5	VA: S3
Lonicera dioica	smooth honeysuckle	Р	Uc	N		Sh; MF, RO, XF	G5	VA: S4
Lonicera japonica	Japanese honeysuckle	Р	С	Nn		Vi; ME, MF, WL, XF	GNR	VA: SNA
Lonicera maackii	Amur honeysuckle	Р	Uc	Nn		Sh; ME, MF	GNR	VA: SNA
Lonicera morrowii	Morrow's honeysuckle	Р	Uc	Nn		Sh; ME, MF, XF	GNR	VA: SNA
Lonicera sempervirens	coral honeysuckle	Р	Uc	N		Vi; ME, MF, WL, XF	G5	VA: S5
Lonicera tatarica	Tartarian honeysuckle	Р	Uc	Nn		Sh; ME, MF	GNR	VA: SNA
Lonicera xylosteum	European fly-honeysuckle	Р	Uc	Nn		Sh; ME, MF	GNR	VA: SNA
Lyonia ligustrina	maleberry	Р	С	N		Sh; ME, WL, XF	G5	VA: S5
Maclura pomifera	Osage orange	Р	R	Nn		Tr; CU	G4G5	VA: SNA
Magnolia acuminata	cucumber tree	Р	Uc	N		Tr; MF, XF	G5	VA: S5
Magnolia tripetala	umbrella magnolia	Р	Uc	N		Tr; MF, WL, XF	G5	VA: S5
Malus angustifolia	southern crabapple	Р	Uc	N		Tr; ME, MF	G5?	VA: S4
Malus coronaria	wild crabapple	Р	Uc	N		Tr; ME, MF	G5	VA: S4
Malus floribunda	Japanese flowering crabapple	Р	Uc	Nn (C)		Tr; CU	GNR	
Malus prunifolia	Chinese crabapple	Р	Uc	Nn		Tr; CU	GNR	VA: SNA
Malus pumila	apple	Р	Uc	Nn		Tr; CU	G5	VA: SNA
Menispermum canadense	Canada moonseed	Р	Uc	N		Vi; MF	G5	VA: S5
Menziesia pilosa	minniebush	Р	С	N		Sh; MF, RO, WL, XF	G4G5	VA: S4S5
Morus alba	white mulberry	Р	R	Nn		Tr; CU, ME, MF	GNR	VA: SNA
Morus rubra	red mulberry	Р	Uc	N		Tr; MF	G5	VA: SNR
Nyssa sylvatica	black gum	Р	Α	N		Tr; MF, RO, WL, XF	G5	VA: S5
Ostrya virginiana	hop hornbeam	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5



Scientific Name	Common Names	Осс	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
Oxydendrum arboreum	sourwood	Р	R	U		Tr; CU	G5	VA: S5
Parthenocissus quinquefolia	Virginia creeper	Р	Α	N		Vi; ME, MF, RO, WL, XF	G5	VA: S5
Passiflora lutea	yellow passionflower	Р	R	N		Vi; MF	G5	VA: S5
Paulownia tomentosa	princess tree	Р	Uc	Nn		Tr; ME, MF, XF	GNR	VA: SNA
Paxistima canbyi	Canby's mountain-lover	Р	R	N	MP	Sh; RO	G2	VA: S2
Persicaria perfoliata	mile-a-minute weed	Р	Uc	Nn	MP	Vi; ME, MF		
Phaseolus polystachios	wild kidney bean	Р	Uc	N		Vi; MF, XF	G5	VA: S4
Philadelphus coronarius	mock-orange	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Philadelphus inodorus	scentless mock-orange	Р	R	U		Sh; CU	G4G5	VA: S3S4
Phoradendron serotinum ssp. serotinum	oak mistletoe	Р	Uc	N		Sh; MF, WL		
Phyllostachys aurea	golden bamboo	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Physocarpus opulifolius	ninebark	Р	Uc	N	MP	Sh; RO, WL, XF	G5	VA: S5
Picea abies	Norway spruce	Р	R	Nn		Tr; CU	G5	VA: SNA
Picea pungens	Colorado spruce	Р	R	Nn		Tr; CU	G5	
Picea rubens	red spruce	Р	Uc	N		Tr; ME, MF	G5	VA: S3S4
Pieris floribunda	mountain fetterbush	Р	R	N		Sh; XF	G4	
Pinus echinata	short-leaf pine	Р	Uc	N		Tr; MF, XF	G5	VA: S5
Pinus pungens	Table Mountain pine	Р	С	N		Tr; RO, XF	G4	VA: S5
Pinus resinosa	red pine	Р	Uc	Nn		Tr; CU	G5	
Pinus rigida	pitch pine	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5
Pinus strobus	white pine	Р	Α	N		Tr; MF, XF	G5	VA: S5
Pinus virginiana	Virginia pine	Р	С	N		Tr; ME, MF, RO, XF	G5	VA: S5
Platanus occidentalis	sycamore	Р	С	N		Tr; MF, WL	G5	VA: S5
Poncirus trifoliata	hardy orange	Р	R	Nn		Sh; CU	GNR	VA: SNA
Populus alba	silver poplar	Р	R	Nn		Tr; CU	G5	VA: SNA
Populus deltoides	cottonwood	Р	Uc	N		Tr; ME, MF	G5	VA: S5
Populus grandidentata	bigtooth aspen	Р	Uc	N		Tr; RO, XF	G5	VA: S5
Populus heterophylla	swamp cottonwood	Р	Uc	N		Tr; MF, WL	G5	VA: S4
Populus nigra	black cottonwood	Р	Uc	Nn		Tr; CU	G5	VA: SNA
Populus tremuloides	quaking aspen	Р	R	N	MP	Tr; RO	G5	VA: S2
Populus X canescens	gray poplar	Р	R	Nn		Tr; CU	GNA	VA: SNA
Populus X jackii	Jack's poplar	Р	R	Nn (C)		Tr; CU	GNA	
Prunus alleghaniensis	Allegheny plum	Р	Uc	N		Tr; RO, XF	G4	VA: S3
Prunus americana	American plum	Р	Uc	N		Tr; CU, ME, MF	G5	VA: S4
Prunus avium	sweet cherry	Р	Uc	Nn		Tr; MF	GNR	VA: SNA

U.S. Department of the Interior



Species List by Park Tag for Shenandoah National Park (SHEN)

Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
Prunus cerasus	pie cherry	Р	Uc	Nn		Tr; ME	GNR	VA: SNA
Prunus nigra	Canada plum	Р	R	N	MP	Tr; ME, XF	G4G5	VA: S1?
Prunus pensylvanica	fire cherry	Р	Uc	N		Tr; ME, MF, RO, XF	G5	VA: S5
Prunus persica	peach	Р	Uc	Nn		Tr; CU	G5	
Prunus serotina	black cherry	Р	С	N		Tr; ME, MF, WL, XF	G5	VA: S5
Prunus virginiana	choke cherry	Р	С	N		Tr; ME, MF, RO, XF	G5	VA: S5
Ptelea trifoliata	hoptree	Р	Uc	N		Tr; RO, XF	G5	VA: S4
Pueraria montana var. Iobata	kudzu	Р	R	Nn		Vi; ME	GNRTN R	VA: SNA
Pyrus communis	common pear	Р	Uc	Nn (C)		Tr; CU	G5	VA: SNA
Pyrus pyrifolia	Japanese pear	Р	Uc	Nn		Tr; CU, ME, MF	GNR	VA: SNA
Quercus alba	white oak	Р	Α	N	MP	Tr; ME, MF, WL, XF	G5	VA: S5
Quercus bicolor	swamp white oak	Р	R	N		Tr; MF, WL	G5	VA: S4
Quercus coccinea	scarlet oak	Р	С	N		Tr; ME, MF, WL, XF	G5	VA: S5
Quercus falcata	southern red oak	Р	R	N		Tr; XF	G5	VA: S5
Quercus ilicifolia	bear oak	Р	С	N		Sh; RO, XF	G5	VA: S5
Quercus imbricaria	shingle oak	Р	R	N		Tr; MF, WL	G5	VA: S4
Quercus marilandica	blackjack oak	Р	Uc	N		Tr; MF, XF	G5	VA: S5
Quercus montana	chestnut oak	Р	Α	N	MP	Tr; MF, RO, WL, XF		
Quercus palustris	pin oak	Р	R	N		Tr; CU, WL	G5	VA: S5
Quercus prinoides	dwarf chinquapin oak	Р	R	N	MP	Tr; ME, XF	G5	VA: S1
Quercus rubra	northern red oak	Р	Α	N	MP	Tr; ME, MF, RO, WL, XF	G5	VA: S5
Quercus stellata	post oak	Р	Uc	N		Tr; MF, RO, WL, XF	G5	VA: S5
Quercus velutina	black oak	Р	С	N		Tr; ME, MF, WL, XF	G5	VA: S5
Rhamnus alnifolia	alder-leaved buckthorn	Р	R	N	MP	Sh; WL	G5	VA: S1
Rhododendron calendulaceum	flame azalea	Р	R	N		Sh; CU	G5	VA: S5
Rhododendron catawbiense	Catawba rhododendron	Р	R	N		Sh; MF, RO, WL	G5	VA: S5
Rhododendron maximum	great rhododendron	Р	R	N		Sh; MF, WL	G5	VA: S5
Rhododendron periclymenoides	pinxter flower	Р	С	N		Sh; MF, WL, XF	G5	VA: S5
Rhododendron prinophyllum	rose azalea	Р	С	N		Sh; MF, XF	G5	VA: S5
Rhododendron viscosum	swamp azalea	Р	R	N		Sh; WL, XF	G5	VA: S4
Rhodotypos scandens	black jetbead	Р	R	Nn		Sh; MF	GNR	
Rhus aromatica	fragrant sumac	Р	Uc	N		Sh; ME, RO, XF	G5	VA: S5
Rhus copallinum	winged sumac	Р	С	N		Sh; ME, RO, XF	G5	VA: S5



Scientific Name	Common Names	Occ	Abd	Nat	NPS Tags	Park Tags	GRank	SRank
Rhus glabra	smooth sumac	Р	С	N		Sh; ME, XF	G5	VA: S5
Rhus typhina	staghorn sumac	Р	Uc	N		Sh; ME, RO, XF	G5	VA: S5
Ribes rotundifolium	Appalachian gooseberry	Р	С	N		Sh; MF, RO, WL, XF	G5	VA: S5
Ribes rubrum	red currant	Р	Uc	Nn		Sh; CU, MF	G4G5	VA: SNA
Robinia pseudoacacia	black locust	Р	Α	N	MP	Tr; ME, MF, XF	G5	VA: S5
Robinia viscosa	clammy locust	Р	Uc	Nn (C)		Tr; CU	G3	
Rosa canina	dog rose	Р	Uc	Nn		Sh; CU, ME	GNR	VA: SNA
Rosa carolina ssp. carolina	Carolina rose	Р	С	N		Sh; ME, MF, RO, WL, XF		
Rosa chinensis	Chinese rose	Р	Uc	Nn		Sh; CU	GNR	
Rosa gallica	French rose	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Rosa laevigata	Cherokee rose	Р	Uc	Nn		Sh; CU	GNR	
Rosa majalis	cinnamon rose	Р	Uc	Nn		Sh; CU	GNR	
Rosa multiflora	multiflora rose	Р	С	Nn		Sh; CU, ME, MF	GNR	VA: SNA
Rosa palustris	swamp rose	Р	Uc	N		Sh; ME, WL	G5	VA: S5
Rosa rubiginosa var. nemoralis	eglantine	Р	Uc	Nn		Sh; CU, ME		
Rosa rubiginosa var. rubiginosa	sweetbriar	Р	Uc	Nn		Sh; CU, ME		
Rosa rugosa	rugosa rose	Р	Uc	Nn		Sh; CU	GNR	VA: SNA
Rosa spinosissima	Scotch rose	Р	Uc	Nn (C)		Sh; CU	G5	VA: SNA
Rosa virginiana	Virginia rose	Р	Uc	N		Sh; ME	G5	VA: SH
Rubus allegheniensis	Allegheny blackberry	Р	Α	N		Sh; ME, MF, RO, WL, XF	G5	VA: SNR
Rubus argutus	blackberry	Р	Uc	N		Sh; ME, MF, WL	G5	VA: S5
Rubus canadensis	smooth blackberry	Р	R	N		Sh; RO	G5	VA: S4
Rubus flagellaris	dewberry	Р	Uc	N		Sh; ME, MF, RO, WL, XF	G5	VA: S5
Rubus hispidus	bristly dewberry	Р	Uc	N		Sh; ME, MF, WL, XF	G5	VA: S5
Rubus idaeus ssp. strigosus	red raspberry	Р	R	N	MP	Sh; MF, RO	G5T5	VA: S2
Rubus laciniatus	laciniate blackberry	Р	Uc	Nn		Sh; ME, MF	GUQ	VA: SNA
Rubus occidentalis	black raspberry	Р	С	N		Sh; ME, MF, RO, WL, XF	G5	VA: S5
Rubus odoratus	flowering raspberry	Р	Uc	N		Sh; MF, RO	G5	VA: S5
Rubus pensilvanicus	Pennsylvania blackberry	Р	Uc	N		Sh; ME, MF, WL, XF	G5	VA: S5
Rubus phoenicolasius	wineberry	Р	С	Nn		Sh; ME, MF, XF	G5	VA: SNA
Rubus setosus	setose blackberry	Р	R	N		Sh; ME	G5	
Rubus X ostryifolius	highbush blackberry	Р	Uc	N		Sh; ME, MF, WL, XF		
Salix alba	white willow	Р	Uc	Nn		Tr; CU, WL	G5	VA: SNA
Salix caroliniana	Carolina willow	Р	Uc	N		Tr; ME, WL	G5	VA: S5



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Salix eriocephala	heartleaf willow	Р	Uc	N		Sh; ME, WL	G5	VA: S4
Salix humilis	upland willow	Р	Uc	N		Sh; ME, RO, WL	G5	VA: S5
Salix nigra	black willow	Р	С	N		Tr; ME, WL	G5	VA: S5
Salix sericea	silky willow	Р	Uc	N		Sh; RO, WL	G5	VA: S5
Salix X pendulina	Wisconsin weeping willow	Р	R	Nn		Tr; CU	GNA	
Sambucus nigra ssp. canadensis	common elderberry	Р	Uc	N		Sh; ME, WL	G5T5	VA: S5
Sambucus racemosa	red elderberry	Р	С	N		Sh; ME, MF, RO	G5	VA: S4S5
Sassafras albidum	sassafras	Р	Α	N		Tr; MF, WL, XF	G5	VA: S5
Sicyos angulatus	one-seeded bur cucumber	Р	Uc	N		Vi; ME, MF, WL	G5	VA: S5
Smilax glauca	sawbrier	Р	С	N		Vi; ME, MF, RO, WL, XF	G5	VA: S5
Smilax herbacea	carrion-flower	Р	Uc	N		Vi; ME, MF, WL	G5	VA: S5?
Smilax pulverulenta	downy carrion-flower	Р	R	N		Vi; MF	G4G5	VA: S4S5
Smilax rotundifolia	greenbrier	Р	С	N		Vi; ME, MF, WL, XF	G5	VA: S5
Smilax tamnoides	bristly greenbrier	Р	Uc	N		Vi; MF, RO, WL, XF	G5	VA: S5
Solanum dulcamara	bittersweet	Р	Uc	Nn		Vi; ME, MF, XF	GNR	VA: SNA
Sorbus americana	American mountain-ash	Р	Uc	N	MP	Tr; MF, RO, WL	G5	VA: S5
Sorbus hybrida	oakleaf mountain-ash	Р	Uc	Nn (C)		Tr; CU	GNR	
Spiraea alba	meadowsweet	Р	Uc	N		Sh; ME, RO, WL	G5	VA: S4
Spiraea betulifolia	birchleaf spiraea	Р	Uc	N		Sh; ME, MF, RO, XF	G5	VA: S5
Spiraea cantoniensis	Reeves meadowsweet	Р	Uc	Nn		Sh; CU	GNR	
Spiraea japonica	Japanese spiraea	Р	Uc	Nn		Sh; WL	G5	VA: SNA
Spiraea prunifolia	bridal wreath	Р	Uc	Nn		Sh; CU	G5	VA: SNA
Spiraea vanhouttei	Vanhoutte spirea	Р	R	Nn		Sh; CU		
Staphylea trifolia	bladdernut	Р	Uc	N		Sh; MF, RO	G5	VA: S5
Symphoricarpos albus	snowberry	Р	R	N		Sh; CU	G5	VA: S3
Symphoricarpos orbiculatus	coralberry	Р	С	U		Sh; ME, MF, RO, WL, XF	G5	VA: S5
Syringa josikaea	Hungarian lilac	Р	Uc	Nn		Sh; CU		
Syringa vulgaris	common lilac	Р	Uc	Nn (C)		Sh; CU	GNR	VA: SNA
Taxus baccata	English yew	Р	R	Nn		Sh; CU	GNR	
Taxus canadensis	American yew	Р	R	N		Sh; RO	G5	VA: S3
Taxus cuspidata	Japanese yew	Р	R	Nn		Sh; CU	GNR	
Thuja occidentalis	Northern whitecedar	Р	R	U		Tr; CU	G5	VA: S4
Tilia americana	basswood	Р	С	N		Tr; MF, RO, WL, XF	G5	VA: S5
Toxicodendron pubescens	poison oak	Р	Uc	N		Sh; RO, XF	G5	VA: S5
Toxicodendron radicans	poison ivy	Р	Α	N	MP	Vi; ME, MF, RO, WL, XF	G5	VA: S5



This represents information currently in the NPSpecies data system at the date and time the list was generated. Records are continually being added or updated by National Park Service staff. There is a key with definitions at the bottom of the report. To report an error or make a suggestion, go to https://irma.nps.gov/npspecies/suggest.

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Toxicodendron rydbergii	western poison ivy	Р	R	N	MP	Sh; RO	G5	VA: S1
Tsuga canadensis	eastern hemlock	Р	Uc	N	MP	Tr; MF, RO, WL	G5	VA: S4S5
Ulmus americana	American elm	Р	Uc	N		Tr; ME, MF, WL	G5?	VA: S5
Ulmus rubra	slippery elm	Р	С	N		Tr; ME, MF, XF	G5	VA: S5
Vaccinium angustifolium	early low blueberry	Р	Uc	N		Sh; ME, RO, XF	G5	VA: S4
Vaccinium corymbosum	common highbush blueberry	Р	R	N		Sh; MF, WL, XF	G5	VA: S5?
Vaccinium fuscatum	black highbush blueberry	Р	R	N		Sh; MF, WL, XF	G5	VA: S5
Vaccinium myrtilloides	sourtop	Р	R	N	MP	Sh; RO	G5	VA: S1S2
Vaccinium pallidum	upland low blueberry	Р	Α	N		Sh; ME, RO, WL, XF	G5	VA: S5
Vaccinium stamineum	deerberry	Р	Α	N		Sh; ME, MF, RO, XF	G5	VA: S5
Viburnum acerifolium	maple-leaf viburnum	Р	С	N		Sh; MF, RO, WL, XF	G5	VA: S5
Viburnum dentatum	arrow-wood	Р	Uc	N		Sh; ME, MF, WL, XF	G5	VA: S5
Viburnum dilatatum	linden arrow-wood	Р	Uc	Nn		Sh; MF	GNR	VA: SNA
Viburnum nudum	possum-haw	Р	R	N		Sh; WL	G5	VA: SNR
Viburnum opulus	European cranberry bush	Р	Uc	Nn		Sh; CU	G5	VA: SNA
Viburnum plicatum	Japanese snowball	Р	Uc	Nn		Sh; CU	GNR	
Viburnum prunifolium	blackhaw	Р	С	N		Sh; ME, MF, RO, WL, XF	G5	VA: S5
Viburnum rafinesqueanum	downy arrow-wood	Р	Uc	N		Sh; MF, RO, XF		
Viburnum sieboldii	Siebold's arrow-wood	Р	R	Nn		Sh; CU, MF	GNR	
Vinca major	greater periwinkle	Р	Uc	Nn		Vi; CU, MF	GNR	VA: SNA
Vinca minor	common periwinkle	Р	С	Nn		Vi; CU, MF	GNR	VA: SNA
Vitis aestivalis	summer grape	Р	С	N		Vi; ME, MF, RO, WL, XF	G5	VA: S5
Vitis labrusca	fox grape	Р	Uc	N		Vi; MF, WL	G5	VA: S5
Vitis riparia	riverbank grape	Р	Uc	N		Vi; ME, MF, WL	G5	VA: S5
Vitis vulpina	frost grape	Р	Uc	N		Vi; ME, MF, RO, WL	G5	VA: S5
Zanthoxylum americanum	northern prickly-ash	Р	R	N		Tr; RO, XF	G5	VA: S3
Report Species Count: 330								

NPSpecies - The National Park Service biodiversity database. IRMA Portal version. https://irma.nps.gov/npspecies/. Accessed 6/23/2015 2:36:19 PM

Key

	Code	Term	Definition
Occurrence (Occ)	Р	Present	Species occurs in park; current, reliable evidence available.
	PP	Probably Present	High confidence species occurs in park but current, verified evidence needed.
	Un	Unconfirmed	Species is attributed to park but evidence is weak or absent.



Occurrence (Occ)	NP	Not In Park	Species is not known to occur in park.
Abundance (Abd)	A	Abundant	Animals: May be seen daily, in suitable habitat and season, and counted in relatively large numbers. Plants, Chromista, Protozoa, and Fungi: Large number of individuals; wide ecological amplitude or occurring in habitats covering a large portion of the park
	С	Common	Animals: May be seen daily, in suitable habitat and season, but not in large numbers. Plants, Chromista, Protozoa, and Fungi: Large numbers of individuals predictably occurring in commonly encountered habitats but not those covering a large portion of the park
	Uc	Uncommon	Animals: Likely to be seen monthly in appropriate habitat and season. May be locally common. Plants, Chromista, Protozoa, and Fungi: Few to moderate numbers of individuals; occurring either sporadically in commonly encountered habitats or in uncommon habitats
	R	Rare	Animals: Present, but usually seen only a few times each year. Plants, Chromista, Protozoa, and Fungi: Few individuals, usually restricted to small areas of rare habitat
	0	Occasional	Animals: Occurs in the park at least once every few years, varying in numbers, but not necessarily every year. Plants, Chromista, Protozoa, and Fungi: Abundance variable from year to year (e.g., desert plants)
	U	Unknown	Abundance unknown
Nativeness (Nat)	N	Native	Species naturally occurring in park or region.
	Nn	Non-native	Species occurring on park lands as a result of deliberate or accidental human activities.
	U	Unknown	Nativeness status is unknown or ambiguous.
Nativeness Tags	R	Restoration	Also refers to reintroductions. Native species that has been extirpated or substantially diminished from the park as a result of human-induced change, and that has been or is in the process of being restored.
	С	Cultivated	Species has been introduced or is maintained as part of the park's mission, significance, or cultural landscape (e.g., orchards, crops, fields)
	I	Invasive	Non-native species whose introduction is likely to cause economic or environmental harm.
	N	Noxious	Designation by a governmental authority. Species grows aggressively and has broad environmental tolerance that allows it to establish in many locations.
NPS Tag (Management)	EC	Exploitation Concern	Species is considered a target for collection, poaching, commercial harvesting, or other non-permitted or exploitative activities.
	MP	Management Priority	Species warrants particular management attention as determined by park management staff.
NPS Tag (Seasonality)	В	Breeder	Population reproduces in the park.
	R	Resident	A significant population is maintained in the park but does not breed within park boundaries.
	М	Migratory	Species occurs in the park only while in transition between breeding and wintering grounds.
	S	Summer	Typically spending only summer months in the park.



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NPS Tag (Seasonality)	W	Winter	Typically spending only winter months in the park.
	V	Vagrant	Park is outside of species' usual range.
ParkTags	Code	Term	Definition
Vegetation Life Form	Form		
	Tr	Tree	Tree
	Sh	Shrub	Shrub
	Vi	Vine	Vine
	Не	Herb	Herb
	Gr	Graminoid	Graminoid (grass)
	Fe	Fern	Fern
	Ly	Lycopod	Lycopod
Habitat	Hab		
	AQ	Aquatic	Within rivers, streams and ponds
	CU	Cultural	Planted by humans, either by pre-park residents or park employees/contractors
	FE	Forest Edge	Forest borders and field margins
	ME	Meadow	Meadows, fields, lawns, forest clearings, and ruderal habitats
	MF	Mesic forest	Mesic and dry-mesic forests; represents a majority of park's forested area
	RO	Rock outcrop	Exposed and shaded outcrops, boulder fields, talus slopes, and rocky barrens
	SS	Shrub/Scrub	Second growth forest and habitats dominated by shrubs
	WL	Wetland	Riparian areas, seeps, springs, fens, swamps, and wetland hummocks
	XF	Xeric forest	Dry forests, including heath woodlands and shrublands
	PW	Park wide	Park wide
Seasons when the species is most easily encountered.	Seas		
	Sp	Spring	Spring (Mar, Apr, May)
	Su	Summer	Summer (Jun, Jul, Aug)
	Fa	Fall	Fall (Sept, Oct)
	Wi	Winter	Winter (Nov, Dec, Jan, Feb)
	All	All Year	All Year Round

GRank and SRank information is provided by NatureServe (www.natureserve.org) and its network of natural heritage member programs, a leading source of information about rare and endangered species, and threatened ecosystems.

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