North Carolina Natural Heritage Program
Katherine Culatta, Botanist
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Rare Plant List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Vascular Plants			
Agalinis virgata	State status	T	SC-V
Agastache nepetoides	S rank	S1	S2
	State status	SR-P	T
Agrostis mertensii	State status	E	SC-H
Allium allegheniense	S rank	S1	S2
	State status	SC-V	SR-T
Allium keeverae	State status	SC-V	SR-T
Andropogon perangustatus	G rank	G5T4	G4
Andropogon virginicus var. decipiens	G rank	G5T4	G4
Anticlea glauca	G rank	G5T4T5	GNRT4T5
	State status	SR-P	E
Arabis patens	State status	SR-T	E
Asplenium bradleyi	State status	SR-P	T
Asplenium ruta-muraria var. lanceolum	Scientific name	*Asplenium ruta-muraria var. cryptolepis*	*Asplenium ruta-muraria var. lanceolum*
Bacopa innominata	S rank	SH	S1
Berberis canadensis	State status	SC-V	T
Betula cordifolia	State status	SC-V	T
Bidens trichosperma	G rank	G5?	G4
Borodinia burkii	State status	SR-P	W-QD
	Tracking status	Full tracking	Watch list
Bromus ciliatus	State status	SC-V	T
Buchnera americana	G rank	GNR	G4?
Calopogon multiflorus	G rank	G2G3	G3
Campanula intercedens	Scientific name	*Campanula rotundifolia*	*Campanula intercedens*
Cardamine dissecta	State status	SC-V	SR-P
Carex albursina	S rank	S2	S2S3
	State status	W-PK	W-RS
Carex aquatilis var. substricta	State status	SR-P	T
Carex argyrantha	G rank	G5	G5?
Carex barrattii	State status	SC-H	T
Carex brevior	S rank	N/A (record created after date)	S2?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Carex bromoides ssp. montana	G rank	G5T3?	G5T3
Carex eburnea	S rank	S1	SH
	State status	T	SC-H
Carex emoryi	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	W-PK

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

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Element name	Change type	Initial value	Final value
	Tracking status	Not tracked	Watch list
Carex gator	G rank	N/A (record created after date)	GNR
	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Carex glaucodea	G rank	G5T5	G5
Carex godfreyi	State status	SR-P	SC-V
Carex hormathodes	S rank	S1	SH
	State status	T	SC-H
Carex lasiocarpa var. americana	S rank	S1	SH
	State status	SC-V	SC-H
Carex lupuliformis	G rank	G4	G5
Carex pedunculata	G rank	G5TNR	G5
	Scientific name	*Carex pedunculata var. pedunculata*	*Carex pedunculata*
Carex pellita	State status	SR-P	E
Carex radfordii	State status	T	SC-V
Carex reniformis	State status	T	SC-V
Carex roanensis	S rank	S2	S3
	State status	SR-T	W-RS
	Tracking status	Full tracking	Watch list
Carex tenera	G rank	G5T5	G5
	S rank	S1?	S1
	Tracking status	Watch list	Full tracking
Carex trichocarpa	G rank	G4	G5
	State status	SC-V	SR-P
Carex trisperma	G rank	G5T5	G5
Carex vesicaria	G rank	N/A (record created after date)	G5
Cerastium brachypodum	S rank	S1	S1?
	Tracking status	Not tracked	Watch list
Chamaenerion angustifolium ssp. circumvagum	Scientific name	*Chamerion angustifolium ssp. circumvagun*	*Chamaenerion angustifolium ssp. circumva*
Chelone erwiniae	G rank	G4T2T4Q	G4T2T4
	Scientific name	*Chelone obliqua var. erwiniae*	*Chelone erwiniae*
Chelone obliqua var. obliqua	G rank	G4T3T4Q	G4T2?
Chenopodium foggii	G rank	G2G3	G3
Collinsonia verticillata	State status	T	SC-V
Corallorhiza maculata var. maculata	State status	SR-P	SC-V
Coreopsis grandiflora var. grandiflora	State status	SR-O	SC-V
Coreopsis palustris	State status	SR-P	T
Coreopsis rosea	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR-T
	Tracking status	Not tracked	Full tracking
Crataegus coccinea	G rank	G5	G5?
Crataegus succulenta	Tracking status	Full tracking	Not tracked
Crataegus succulenta var. macracantha	S rank	N/A (record created after date)	S1?
	Scientific name	*Crataegus succulenta*	*Crataegus succulenta var. macracantha*
	State status	N/A (record created after date)	SR-P
	Tracking status	Not tracked	Full tracking
Crataegus succulenta var. neofluvialis	G rank	G5TNR	G5TU

[1] changes in global and state rank values, protection status (federal and state), scientific name, and tracking status

Rare Plant List Changes[1] over the Time Period 12/15/2024 - 12/15/2026

(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
	S rank	SU	S1?
	Scientific name	*Crataegus succulenta*	*Crataegus succulenta var. neofluvialis*
	Tracking status	Watch list	Full tracking
Crataegus succulenta var. succulenta	S rank	SU	S1?
Crocanthemum bicknellii	State status	SC-V	T
Crocanthemum carolinianum	State status	E	T
Crocanthemum georgianum	State status	E	T
Crocanthemum propinquum	State status	T	SC-V
Cyperus granitophilus	State status	T	E
Cyperus subsquarrosus	State status	SC-H	T
Cyperus tetragonus	State status	SC-V	T
Cyperus virens	State status	SC-V	T
Delphinium exaltatum	State status	T	E
Deschampsia cespitosa ssp. glauca	State status	T	SC-V
Dicentra eximia	State status	SR-P	W-RS
	Tracking status	Full tracking	Watch list
Dichanthelium annulum	G rank	G4	G3
	State status	E	T
Dichanthelium arenicollinum	G rank	N/A (record created after date)	GNR
	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Dichanthelium fusiforme	G rank	G5?	G5T5?
Dichanthelium malacon	Tracking status	Watch list	Full tracking
Diervilla rivularis	Tracking status	Full tracking	Not tracked
Echinocystis lobata	Tracking status	Watch list	Full tracking
Eleocharis elongata	State status	E	T
Eleocharis wolfii	State status	SR-T	SC-V
Eriocaulon aquaticum	State status	SC-V	T
Eriocaulon parkeri	State status	T	SC-H
Eryngium integrifolium var. maficolum	G rank	GNRTNR	G5T1T2
	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Eryngium integrifolium var. piedmontanum	G rank	GNRTNR	G5T1?
	S rank	N/A (record created after date)	SH
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Euonymus atropurpureus	State status	W-PK	W-RS
Eupatorium anomalum	S rank	S1	S1?
	State status	SR-T	W-PK
	Tracking status	Full tracking	Watch list
Eupatorium sessilifolium var. brittonianum	Tracking status	Watch list	Not tracked
Fraxinus smallii	Tracking status	Watch list	Not tracked
Galactia minor	State status	W-RS	W-PK
Geocarpon groenlandicum	Scientific name	*Mononeuria groenlandica*	*Geocarpon groenlandicum*
Geocarpon uniflorum	Scientific name	*Mononeuria uniflora*	*Geocarpon uniflorum*
Glyceria laxa	G rank	G5	G4

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(changes are shown for tracked taxa only)

Element name	Change type	Initial value	Final value
Gratiola ramosa	State status	SR-P	E
Harperella nodosa	Scientific name	*Ptilimnium nodosum*	*Harperella nodosa*
Helanthium tenellum	State status	E	T
Helianthus floridanus	Tracking status	Watch list	Not tracked
Helianthus occidentalis	G rank	G5T5	G4T4
	Scientific name	*Helianthus occidentalis ssp. occidentalis*	*Helianthus occidentalis*
Helianthus schweinitzii	G rank	G2?	G2
Helianthus smithiorum	G rank	G2Q	G3
Helianthus waccamawensis	State status	SR	T
Heuchera aceroides	G rank	G4T2Q	G3G4T2
Heuchera caroliniana	State status	W-PK	W-RS
Heuchera hispida	G rank	G5T3?	G5T3Q
Heuchera parviflora var. saurensis	State status	SR-T	SC-V
Heuchera tuckasegeensis	G rank	GNR	G1
Hexastylis rosei	State status	SR-L	SC-V
Huperzia porophila	State status	SR-P	T
Hymenocallis occidentalis var. occidentalis	State status	SC-H	SR-P
Hymenocallis pygmaea	G rank	G2Q	G2
Hymenophyllum tayloriae	State status	SR-O	SC-V
Hypericum sp. 2	State status	SC-V	SR-L
Hypopitys lanuginosa	Tracking status	Watch list	Not tracked
Hypoxis juncea	State status	SR-P	SC-V
Hypoxis sessilis	S rank	SU	S1?
	State status	Not tracked	W-PK
Ilex longipes	S rank	S1S2	S2
	State status	SR-P	SC-V
Iva microcephala	State status	T	E
Juncus articulatus ssp. articulatus	Scientific name	*Juncus articulatus*	*Juncus articulatus ssp. articulatus*
Lachnocaulon minus	State status	T	SC-V
Leucospora multifida	Tracking status	Watch list	Not tracked
Liatris scariosa	G rank	N/A (record created after date)	G4
Liatris turgida	State status	SR-T	SC-V
Lilaeopsis carolinensis	State status	SR-O	T
Lilium pyrophilum	State status	E	T
Limosella australis	State status	T	E
Lindernia saxicola	S rank	SH	S1
Linum floridanum var. chrysocarpum	G rank	G5?T3?	G4T3
	State status	T	E
Lithospermum canescens	State status	T	E
Litsea aestivalis	G rank	G3?	G3
Lonicera canadensis	S rank	S2	S2S3
Ludwigia lanceolata	State status	E	T
Luzula multiflora ssp. multiflora	G rank	G5TNR	G5T5
	Scientific name	*Luzula multiflora var. multiflora*	*Luzula multiflora ssp. multiflora*
Magnolia macrophylla	State status	SC-V	T
Malaxis spicata	State status	SC-V	T
Mnesithea cylindrica	State status	SC-H	E
Monotropa uniflora	Tracking status	Watch list	Not tracked

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Element name	Change type	Initial value	Final value
Monotropsis odorata	State status	SR-O	W-RS
	Tracking status	Full tracking	Watch list
Muhlenbergia sobolifera	State status	T	SC-V
Nabalus albus	Tracking status	Full tracking	Not tracked
Nabalus albus var. albus	G rank	N/A (record created after date)	G5TNR
	S rank	N/A (record created after date)	S1S2
	Scientific name	*Nabalus albus*	*Nabalus albus var. albus*
	State status	N/A (record created after date)	SC-V
	Tracking status	Not tracked	Full tracking
Nabalus albus var. stramineus	G rank	N/A (record created after date)	G5TNR
	S rank	N/A (record created after date)	S1S2
	State status	N/A (record created after date)	SC-V
	Tracking status	Not tracked	Full tracking
Nabalus crepidineus	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	SR-P
	Tracking status	Not tracked	Full tracking
Nelumbo lutea	State status	W-PK	W-RS
Nymphoides cordata	S rank	S2	S2S3
	State status	W-PK	W-RS
Oenothera unguiculata	State status	SR-T	T
Orthochilus ecristatus	S rank	S1	SH
	State status	E	SC-H
Packera schweinitziana	State status	T	E
Palustricodon aparinoides	Scientific name	*Palustricodon aparinoides var. aparinoides*	*Palustricodon aparinoides*
Parnassia grandifolia	G rank	G3	G3G4
Paxistima canbyi	Tracking status	Watch list	Not tracked
Persicaria robustior	G rank	G4G5	G5
Phaseolus sinuatus	G rank	G5T3?	G3?
Phegopteris connectilis	State status	E	T
Piriqueta caroliniana	G rank	G5?TNR	GNR
Plantago cordata	G rank	G4	G3
Plantago sparsiflora	State status	T	E
Platanthera flava var. herbiola	Scientific name	*Platanthera herbiola*	*Platanthera flava var. herbiola*
Platanthera integra	State status	T	E
Platanthera nivea	State status	E	SC-H
Poa saltuensis	State status	T	SC-V
Polemonium reptans var. reptans	State status	T	SC-V
Polygala senega	Tracking status	Full tracking	Not tracked
Polygonella articulata	State status	SC-H	T
Polygonum aviculare ssp. buxiforme	G rank	G5	G5T5
	Scientific name	*Polygonum buxiforme*	*Polygonum aviculare ssp. buxiforme*
Prunus susquehanae	G rank	G5T4T5	G5T5
Ptilimnium costatum	G rank	GNR	G4
Pycnanthemum virginianum	State status	SR-P	T
Quercus ilicifolia	State status	E	T
Ranunculus allegheniensis	State status	W-PK	W-RS
Rhexia aristosa	State status	SC-V	T
Rhodiola rosea ssp. roanensis	Scientific name	*Rhodiola rosea*	*Rhodiola rosea ssp. roanensis*

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Element name	Change type	Initial value	Final value
Rhododendron smokianum	State status	SR-T	SC-V
Rhynchospora alba	S rank	S2	S2S3
Rhynchospora cephalantha var. attenuata	G rank	G5T3?	G5T4
Rhynchospora croatanensis	Scientific name	*Rhynchospora sp. 2*	*Rhynchospora croatanensis*
Rhynchospora harperi	State status	SC-V	T
Rhynchospora macra	State status	T	E
Rhynchospora sulcata	State status	SR-P	T
Rosa virginiana ssp. virginiana	G rank	N/A (record created after date)	G5TNR
Rubus strigosus	State status	T	SR-P
Ruellia humilis	State status	T	E
Ruellia purshiana	State status	SC-V	SR-T
Scirpus flaccidifolius	State status	E	SC-H
Scleria reticularis	State status	SC-V	T
Scleria verticillata	State status	SR-P	T
Scutellaria saxatilis	State status	SR-T	SC-V
Senega appendiculata	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Senega hookeri	Scientific name	*Polygala hookeri*	*Senega hookeri*
	State status	SC-V	T
Senega officinalis var. 1	G rank	G4G5TNR	G4G5TNRQ
	S rank	SNR	S2?
	Scientific name	*Polygala senega var. senega*	*Senega officinalis var. 1*
	Tracking status	Not tracked	Full tracking
Senega officinalis var. 2	G rank	G4G5TNR	G4G5TNRQ
	S rank	SNR	S2?
	Scientific name	*Polygala senega var. latifolia*	*Senega officinalis var. 2*
	Tracking status	Not tracked	Full tracking
Sesuvium maritimum	State status	E	T
Shortia brevistyla	State status	T	E
Shortia galacifolia	State status	SC-V	T
Sideroxylon tenax	State status	T	SC-V
Silphium perfoliatum	State status	SC-V	SR-P
Sisyrinchium montanum var. montanum	S rank	SU	S1
Smilax hugeri	State status	SR-P	W-RS
	Tracking status	Full tracking	Watch list
Solidago arguta	Tracking status	Watch list	Not tracked
Solidago canadensis var. hargeri	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Solidago puberula	G rank	G5T4T5	G5T5
Solidago rigida	Scientific name	*Oligoneuron rigidum*	*Solidago rigida*
Solidago salicina	G rank	G5T5	G5T4
Solidago squarrosa	G rank	G4G5	G5
Solidago tarda	State status	SR-O	E
Solidago tortifolia	State status	E	T
Solidago uliginosa var. uliginosa	G rank	G5T4T5	G5T5
Solidago ulmifolia	State status	SR-O	W-QD

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Element name	Change type	Initial value	Final value
	Tracking status	Full tracking	Watch list
Solidago verna	G rank	G3	G2
	S rank	S3	S2
Spinulum annotinum	State status	SR-P	T
Spiranthes lacera var. lacera	State status	E	T
Stachys clingmanii	State status	SR-T	SC-V
Stachys matthewsii	G rank	G1G2	G1?
Stewartia ovata	State status	SR-P	W-RS
	Tracking status	Full tracking	Watch list
Streptopus amplexifolius	Scientific name	*Streptopus amplexifolius var. amplexifolius*	*Streptopus amplexifolius*
Symphyotrichum dumosum var. subulifolium	State status	SR-O	E
Taxus canadensis	State status	T	E
Thermopsis villosa	S rank	S1S2	S2
Thuja occidentalis	Tracking status	Watch list	Not tracked
Tiarella nautila	S rank	N/A (record created after date)	S1S2
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Trautvetteria applanata	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Triadenum tubulosum	State status	SR-O	E
Tridens strictus	State status	SC-H	E
Trientalis borealis	Scientific name	*Lysimachia borealis*	*Trientalis borealis*
	State status	T	SC-V
Trillium pusillum var. virginianum	Tracking status	Full tracking	Not tracked
Trillium recurvatum	State status	T	E
Trillium rugelii	Tracking status	Watch list	Not tracked
Urtica gracilis	S rank	SNR	S1?
	Tracking status	Not tracked	Watch list
Vaccinium myrtilloides	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	SR-P
	Tracking status	Not tracked	Full tracking
Valerianella umbilicata	G rank	G4G5	G4
Veronica americana	State status	T	E
Viola glaberrima	G rank	N/A (record created after date)	GNR
Viola tripartita	G rank	G5T3	G3
Waldsteinia lobata	State status	E	T
Xyris floridana	State status	SC-V	T
Xyris iridifolia	S rank	S2	S3
	State status	W-PK	W-RS
Xyris scabrifolia	State status	SC-V	T
Mosses			
Sphagnum contortum	State status	T	E
Sphagnum fimbriatum	S rank	N/A (record created after date)	S1
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Sphagnum warnstorfii	State status	SR-D	T

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Element name	Change type	Initial value	Final value
Liverworts			
Frullania rappii	G rank	N/A (record created after date)	GNR
	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Fuscocephaloziopsis pleniceps var. caroliniana	G rank	G5T1	G5TH
Lejeunea blomquistii	State status	SC-V	SR-L
Lichens			
Abrothallus hypotrachynae	S rank	S1S3	S2
Acanthothecis paucispora	State status	SR-L	T
Alectoria fallacina	S rank	S1?	S2
	Tracking status	Watch list	Full tracking
Allographa sterlingiana	Scientific name	*Graphis sterlingiana*	*Allographa sterlingiana*
Anzia americana	S rank	S1	S2
Anzia ornata	G rank	G1G3	G3
Arthonia cupressina	State status	SR-T	T
Calicium carolinianum	State status	SR-P	W-QD
	Tracking status	Full tracking	Watch list
Cladonia dimorphoclada	S rank	S1	S2
Cladonia evansii	S rank	S2	S3
	Scientific name	*Cladina evansii*	*Cladonia evansii*
Cladonia submitis	S rank	SH	S1
Coniarthonia kermesina	State status	SR-T	T
Coniocarpon rubrocinctum	S rank	N/A (record created after date)	S1?
	State status	N/A (record created after date)	W-PK
	Tracking status	Not tracked	Watch list
Ephebe americana	S rank	S1	S2
Ephebe lanata	S rank	S1	S3
Fellhanera hybrida	S rank	S2?	S1
Fissurina alligatorensis	S rank	N/A (record created after date)	S2
	State status	N/A (record created after date)	SR-L
	Tracking status	Not tracked	Full tracking
Gyalectidium appendiculatum	S rank	S1?	S2
Heterodermia appalachensis	S rank	S2S3	S3
Heterodermia erecta	S rank	S1S2	S2
	State status	SR-T	T
Heterodermia pseudospeciosa	S rank	S1S2	S2
Hypotrachyna virginica	S rank	S1S2	S2
	State status	SC-V	T
Lecanora anakeestiicola	State status	SR-L	SC-V
Lepra andersoniae	State status	SR-T	T
Lepraria lanata	S rank	S2S3	S2
Lobarina scrobiculata	S rank	S2?	S2
Melanelia stygia	S rank	S2S3	S2
Mycoporum biseptatum	S rank	SNR	S1
Opegrapha moroziana	S rank	SH	S1

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Element name	Change type	Initial value	Final value
Pannaria conoplea	S rank	S1	S2
Phaeographis oricola	G rank	G1	G1G2
	Tracking status	Watch list	Full tracking
Physcia pseudospeciosa	S rank	S2S3	S2
Pilophorus fibula	State status	SR-T	E
Porpidia cinereoatra	S rank	S1S3	S2
Porpidia contraponenda	S rank	S1	S2
Rinodina brodoana	State status	SR-L	SC-V
Sporodophoron americanum	S rank	S3S4	S3
Sticta deyana	G rank	GNR	G1
	State status	SR-T	T
Teloschistes flavicans	State status	SR-P	T

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