

**Readopt with amendment and renumber Ncr 1108, effective 7-10-19 (Document #12825 Interim), as Ncr 312, to read as follows:**

PART Ncr 312 NATURAL HERITAGE INVENTORY

Ncr 312.01 Federally Endangered and Threatened Plant Species. The inventory in Table 312.1 below, listed by scientific name with authority, common name, and federal status, shall contain all federally endangered and threatened plant species pursuant to the Endangered Species Act:

Table 312.1 Federally Listed Rare Plant Species

Scientific Name (with authority)	Common Name	Federal Status
<i>Astragalus robbinsii</i> (Oakes) Gray var. <i>jesupii</i> Egglest. & Sheldon	Jesup's milk-vetch	Endangered
<i>Isotria medeoloides</i> (Pursh) Raf.	small whorled pogonia	Threatened
<i>Scirpus ancistrochaetus</i> Schuyler	northeastern bulrush	Endangered

Ncr 312.02 Endangered Plant Species. The inventory in Table 312.2 below, listed by scientific name with authority, and common name, shall contain all endangered plant species meeting the criteria in Ncr 303.01:

Table 312.2 State Listed Endangered Plant Species

Scientific Name (with authority)	Common Name
<i>Acalypha virginica</i> L.	Virginia three-seeded-Mercury
<i>Adlumia fungosa</i> (Ait.) Greene ex B.S.P.	Allegheny-vine
<i>Aletris farinosa</i> L.	white colic-root
<i>Allium canadense</i> L. var. <i>canadense</i>	meadow garlic
<i>Allium schoenoprasum</i> L.	wild chives
<i>Allium tricoccum</i> Ait. var. <i>burdickii</i> Hanes	narrow-leaf wild leek
<i>Amerorchis rotundifolia</i> (Banks ex Pursh) Hultén	round-leaved orchid
<i>Andersonglossum virginianum</i> (L.) J.I. Cohen ssp. <i>boreale</i> (Fern.) A. Haines [ined.]	wild hound's-tongue
<i>Anemone cylindrica</i> Gray	long-headed windflower
<i>Arabis pycnocarpa</i> M. Hopkins var. <i>pycnocarpa</i>	hairy eared-rockcress
<i>Arctous alpina</i> (L.) Nied.	alpine bearberry
<i>Arethusa bulbosa</i> L.	dragon's-mouth
<i>Argentina anserina</i> (L.) Rydb.	common silverweed
<i>Arisaema dracontium</i> (L.) Schott	green-dragon
<i>Aristida tuberculosa</i> Nutt.	seaside threeawn
<i>Arnica lanceolata</i> Nutt. ssp. <i>lanceolata</i>	lance-leaved arnica
<i>Artemisia campestris</i> L. ssp. <i>caudata</i> (Michx.) Hall & Clements	field wormwood
<i>Asclepias purpurascens</i> L.	purple milkweed
<i>Asclepias quadrifolia</i> Jacq.	four-leaved milkweed
<i>Asclepias tuberosa</i> L. ssp. <i>tuberosa</i>	butterfly milkweed

Scientific Name (with authority)	Common Name
<i>Asplenium rhizophyllum</i> L.	walking spleenwort
<i>Astragalus alpinus</i> L. var. <i>brunetianus</i> Fern.	alpine milk-vetch
<i>Astragalus robbinsii</i> (Oakes) Gray var. <i>jesupii</i> Egglest. & Sheldon	Jesup's milk-vetch
<i>Atriplex subspicata</i> (Nutt.) Rydb.	saline orache
<i>Aureolaria virginica</i> (L.) Pennell	downy false foxglove
<i>Barbarea orthoceras</i> Ledeb.	American yellow-rocket
<i>Bartonia iodandra</i> B.L. Robins.	purple screwstem
<i>Bartonia paniculata</i> (Michx.) Muhl.	twining screwstem
<i>Betula pumila</i> L.	bog birch
<i>Bidens hyperborea</i> Greene	northern beggar-ticks
<i>Bidens laevis</i> (L.) B.S.P.	smooth beggar-ticks
<i>Bistorta vivipara</i> (L.) Delarbre	alpine bistort
<i>Boechera laevigata</i> (Muhl. ex Willd.) Al-Shehbaz	smooth rockcress
<i>Brachyelytrum erectum</i> (Schreb.) Beauv.	southern short husk grass
<i>Bromus kalmii</i> Gray	Kalm's brome
<i>Bromus pubescens</i> Muhl. ex Willd.	hairy wood brome
<i>Calamagrostis canadensis</i> (Michx.) Beauv. var. <i>langsдорffii</i> (Link) Inman	harsh bluejoint
<i>Calamagrostis canadensis</i> (Michx.) Beauv. var. <i>macouniana</i> (Vasey) Stebbins	Macoun's bluejoint
<i>Calamagrostis coarctata</i> (Torr.) Torr. ex Eat.	Nuttall's reed grass
<i>Calamagrostis stricta</i> (Timm) Koel. ssp. <i>stricta</i>	neglected reed grass
<i>Calypso bulbosa</i> (L.) Oakes ssp. <i>americana</i> (R. Br. ex Ait. f.) A. Haines	fairy-slipper
<i>Calystegia spithamea</i> (L.) Pursh ssp. <i>spithamea</i>	upright false bindweed
<i>Cardamine bellidifolia</i> L. var. <i>bellidifolia</i>	alpine bitter-cress
<i>Cardamine bulbosa</i> (Schreb. ex Muhl.) B.S.P.	bulbous bitter-cress
<i>Cardamine concatenata</i> (Michx.) Sw.	cut-leaved toothwort
<i>Cardamine longii</i> Fern.	Long's bitter-cress
<i>Carex adusta</i> Boott	swarthy sedge
<i>Carex aestivalis</i> M.A. Curtis ex Gray	summer sedge
<i>Carex alata</i> Torr.	broad-winged sedge
<i>Carex albursina</i> Sheldon	white bear sedge
<i>Carex arctogena</i> H. Sm.	capitate sedge
<i>Carex atratiformis</i> Britt.	scabrous black sedge
<i>Carex backii</i> Boott	Back's sedge
<i>Carex bicknellii</i> Britt.	Bicknell's sedge
<i>Carex bullata</i> Schkuhr ex Willd.	button sedge
<i>Carex buxbaumii</i> Wahlenb.	brown bog sedge
<i>Carex capillaris</i> L. ssp. <i>fuscidula</i> (V. Krecz. ex Egorova) A. & D. Löve	hair-like sedge

Scientific Name (with authority)	Common Name
<i>Carex castanea</i> Wahlenb.	chestnut sedge
<i>Carex chordorrhiza</i> Ehrh. ex L. f.	rope-root sedge
<i>Carex cristatella</i> Britt.	crested sedge
<i>Carex eburnea</i> Boott	bristle-leaved sedge
<i>Carex exilis</i> Dewey	meager sedge
<i>Carex festucacea</i> Schkuhr ex Willd.	fescue sedge
<i>Carex glaucoidea</i> Tuckerman ex Olney	blue sedge
<i>Carex granularis</i> Muhl. ex Willd.	limestone-meadow sedge
<i>Carex hitchcockiana</i> Dewey	Hitchcock's sedge
<i>Carex livida</i> (Wahlenb.) Willd.	livid sedge
<i>Carex molesta</i> Mackenzie ex Bright	troublesome sedge
<i>Carex nigra</i> (L.) Reichard	smooth black sedge
<i>Carex polymorpha</i> Muhl.	variable sedge
<i>Carex retroflexa</i> Muhl. ex Willd.	reflexed sedge
<i>Carex rostrata</i> Stokes	beaked sedge
<i>Carex seorsa</i> Howe	weak stellate sedge
<i>Carex siccata</i> Dewey	dry land sedge
<i>Carex sparganioides</i> Muhl. ex Willd.	bur-reed sedge
<i>Carex striata</i> Michx.	Walter's sedge
<i>Carex tenuiflora</i> Wahlenb.	sparse-flowered sedge
<i>Carex trichocarpa</i> Muhl. ex Willd.	hairy-fruited sedge
<i>Carex umbellata</i> Schkuhr ex Willd.	parasol sedge
<i>Carex wiegandii</i> Mackenzie	Wiegand's sedge
<i>Castilleja septentrionalis</i> Lindl.	northern painted-cup
<i>Cenchrus longispinus</i> (Hack.) Fern.	long-spined sandbur
<i>Chamaecrista nictitans</i> (L.) Moench ssp. <i>nictitans</i> var. <i>nictitans</i>	wild sensitive-pea
<i>Chenopodium foggii</i> H.A. Wahl	Fogg's goosefoot
<i>Cirsium horridulum</i> Michx. var. <i>horridulum</i>	yellow thistle
<i>Clematis occidentalis</i> (Hornem.) DC. ssp. <i>occidentalis</i>	purple virgin's bower
<i>Coleataenia longifolia</i> (Torr.) Soreng ssp. <i>longifolia</i>	long-leaved redtop-panicgrass
<i>Collinsonia canadensis</i> L.	northern horsebalm
<i>Corallorhiza odontorhiza</i> (Willd.) Poir. var. <i>odontorhiza</i>	fall coral-root
<i>Corydalis aurea</i> Willd.	golden corydalis
<i>Crassula aquatica</i> (L.) Schoenl.	pygmy-weed
<i>Crataegus faxonii</i> Sarg.	Faxon's hawthorn
<i>Crataegus oakesiana</i> Egglest.	Oakes' hawthorn
<i>Crataegus populnea</i> Ashe	poplar hawthorn
<i>Crepidomanes intricatum</i> (Farrar) Ebihara & Weakley	Appalachian bristle fern
<i>Crotalaria sagittalis</i> L.	arrow-head rattlebox
<i>Cryptogramma stelleri</i> (Gmel.) Prantl	slender rock-brake

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<i>Cuscuta cephalanthi</i> Engelm.	buttonbush dodder
<i>Cyperus erythrorhizos</i> Muhl.	red-root umbrella sedge
<i>Cyperus grayi</i> Torr.	Gray's umbrella sedge
<i>Cyperus houghtonii</i> Torr.	Houghton's umbrella sedge
<i>Cyperus odoratus</i> L.	fragrant umbrella sedge
<i>Cyperus subsquarrosus</i> (Muhl.) Bauters	small-flowered dwarf-bulrush
<i>Cypripedium arietinum</i> Ait. f.	ram's-head lady's-slipper
<i>Cypripedium parviflorum</i> Salisb. var. <i>makasin</i> (Farw.) Sheviak	greater yellow lady's-slipper
<i>Cypripedium reginae</i> Walt.	showy lady's-slipper
<i>Desmodium cuspidatum</i> (Muhl. ex Willd.) DC. ex G. Don	large-bracted tick-trefoil
<i>Desmodium marilandicum</i> (L.) DC.	smooth small-leaved tick-trefoil
<i>Desmodium obtusum</i> (Muhl. ex Willd.) DC.	stiff tick-trefoil
<i>Dichantherium sphaerocarpon</i> (Ell.) Gould	round-fruited rosette-panicgrass
<i>Digitaria filiformis</i> (L.) Koel. var. <i>filiformis</i>	slender crabgrass
<i>Digitaria filiformis</i> (L.) Koel. var. <i>laeviglumis</i> (Fern.) Wipff	smooth slender crabgrass
<i>Diphasiastrum sitchense</i> (Rupr.) Holub	Sitka ground-cedar
<i>Diplachne maritima</i> Bickn.	salt-meadow beetle grass
<i>Draba cana</i> Rydb.	canescent whitlow-mustard
<i>Dryopteris filix-mas</i> (L.) Schott ssp. <i>brittonii</i> Fras.-Jenk. & Widen	male wood fern
<i>Echinochloa walteri</i> (Pursh) Heller	coast barnyard grass
<i>Elatine americana</i> (Pursh) Arn.	American waterwort
<i>Eleocharis diandra</i> C. Wright	Wright's spikesedge
<i>Eleocharis erythropoda</i> Steud.	red-footed spikesedge
<i>Eleocharis intermedia</i> J.A. Schultes	mudflat spikesedge
<i>Eleocharis nitida</i> Fern.	quill spikesedge
<i>Eleocharis obtusa</i> (Willd.) J.A. Schultes var. <i>peasei</i> Svens.	Pease's blunt spikesedge
<i>Eleocharis ovata</i> (Roth) Roemer & J.A. Schultes	ovoid spikesedge
<i>Eleocharis quinqueflora</i> (F.X. Hartmann) Schwarz ssp. <i>fernaldii</i> (Svens.) Hultén	few-flowered spikesedge
<i>Eleocharis tuberculosa</i> (Michx.) Roemer & J.A. Schultes	long-tuberclad spikesedge
<i>Elymus macgregorii</i> R. Brooks & J.J.N. Campb.	early wild-rye
<i>Epilobium anagallidifolium</i> Lam.	pimpernel willow-herb
<i>Epilobium lactiflorum</i> Hausskn.	white-flowered willow-herb
<i>Equisetum palustre</i> L.	marsh horsetail
<i>Eragrostis frankii</i> C.A. Mey. ex Steud.	sandbar lovegrass
<i>Eragrostis hypnoides</i> (Lam.) B.S.P.	teel lovegrass
<i>Eriophorum angustifolium</i> Honckeny ssp. <i>angustifolium</i>	tall cottonsedge
<i>Erythranthe moschata</i> (Douglas ex Lindl.) G.L. Nesom	musky monkey-flower
<i>Eupatorium pubescens</i> Muhl. ex Willd.	hairy thoroughwort

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<i>Eupatorium sessilifolium</i> L.	upland thoroughwort
<i>Euphorbia polygonifolia</i> L.	seaside sandmat
<i>Euphrasia oakesii</i> Wettst.	Oakes' eyebright
<i>Euphrasia williamsii</i> B.L. Robins.	Williams' eyebright
<i>Eutrochium fistulosum</i> (Barratt) E.E. Lamont	hollow Joe-Pye weed
<i>Festuca prolifera</i> (Piper) Fern.	proliferous fescue
<i>Galium brevipes</i> Fern. & Wieg.	limestone swamp bedstraw
<i>Galium obtusum</i> Bigelow ssp. <i>obtusum</i>	blunt-leaved bedstraw
<i>Galium pilosum</i> Ait. var. <i>pilosum</i>	hairy bedstraw
<i>Gentianella quinquefolia</i> (L.) Small ssp. <i>quinquefolia</i>	stiff dwarf-gentian
<i>Geocaulon lividum</i> (Richards.) Fern.	false toadflax
<i>Geranium carolinianum</i> L.	Carolina crane's-bill
<i>Glyceria acutiflora</i> Torr.	sharp-flowered mannagrass
<i>Glyceria septentrionalis</i> A.S. Hitchc. var. <i>septentrionalis</i>	floating mannagrass
<i>Graphephorum melicoides</i> (Michx.) Desv.	graphephorum
<i>Hackelia deflexa</i> (Wahlenb.) Opiz ssp. <i>americana</i> (Gray) A. & D. Löve	nodding stickseed
<i>Harrimanella hypnoides</i> (L.) Coville	moss-plant
<i>Hibiscus moscheutos</i> L. ssp. <i>moscheutos</i>	swamp rose-mallow
<i>Hieracium robinsonii</i> (Zahn) Fern.	Robinson's hawkweed
<i>Hieracium umbellatum</i> L.	narrow-leaved hawkweed
<i>Homalosorus pycnocarpus</i> (Spreng.) Pichi Sermolli	narrow-leaved glade fern
<i>Hottonia inflata</i> Ell.	American featherfoil
<i>Houstonia longifolia</i> Gaertn.	long-leaved bluet
<i>Hudsonia ericoides</i> L.	golden heather
<i>Huperzia selago</i> (L.) Bernh. ex Schrank & Mart.	northern firmoss
<i>Hypericum ascyron</i> L. ssp. <i>pyramidatum</i> (Ait.) Robson	great St. John's-wort
<i>Ilex glabra</i> (L.) Gray	evergreen winterberry
<i>Isoetes acadensis</i> Kott	Acadian quillwort
<i>Isoetes engelmannii</i> A. Braun	Engelmann's quillwort
<i>Isoetes lacustris</i> L.	lake quillwort
<i>Isoetes septentrionalis</i> D.F. Brunton	northern shore quillwort
<i>Isotria verticillata</i> (Muhl. ex Willd.) Raf.	large whorled pogonia
<i>Juncus alpinoarticulatus</i> Chaix ex Vill. ssp. <i>americanus</i> (Farw.) Hämet-Ahti	northern green rush
<i>Juncus brachycephalus</i> (Engelm.) Buch.	small-headed rush
<i>Juncus dichotomus</i> Ell.	forked rush
<i>Juncus secundus</i> Beauv. ex Poir.	lopsided rush
<i>Juncus stygius</i> L. ssp. <i>americanus</i> (Buch.) Hultén	moor rush
<i>Juniperus horizontalis</i> Moench	creeping juniper
<i>Lechea tenuifolia</i> Michx.	narrow-leaved pinweed

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<i>Lemna trisulca</i> L.	ivy-leaved duckweed
<i>Lemna valdiviana</i> Phillipi	pale duckweed
<i>Lespedeza procumbens</i> Michx.	trailing bush-clover
<i>Lespedeza virginica</i> (L.) Britt.	slender bush-clover
<i>Leymus mollis</i> (Trin.) Hara ssp. <i>mollis</i>	American lyme grass
<i>Liatrix novae-angliae</i> (Lunell) Shinnars var. <i>novae-angliae</i>	northern blazing star
<i>Lilaeopsis chinensis</i> (L.) Kuntze	eastern grasswort
<i>Lilium superbum</i> L.	Turk's-cap lily
<i>Limniris prismatica</i> (Pursh) Rodion.	slender blue iris
<i>Limosella australis</i> R. Br.	Atlantic mudwort
<i>Lindernia dubia</i> (L.) Pennell var. <i>anagallidea</i> (Michx.) Cooperrider	unpretentious yellow-seeded false pimpernel
<i>Linum sulcatum</i> Riddell var. <i>sulcatum</i>	grooved yellow flax
<i>Lonicera oblongifolia</i> (Goldie) Hook.	swamp honeysuckle
<i>Luzula confusa</i> Lindeberg	northern wood rush
<i>Luzula spicata</i> (L.) DC.	spiked wood rush
<i>Lycopodiella alopecuroides</i> (L.) Cranfill	foxtail bog-clubmoss
<i>Lycopodiella appressa</i> (Chapman) Cranfill	appressed bog-clubmoss
<i>Lygodium palmatum</i> (Bernh.) Sw.	American climbing fern
<i>Malaxis monophyllos</i> (L.) Sw. ssp. <i>brachypoda</i> (Gray) A. & D. Löve	white adder's-mouth
<i>Menispermum canadense</i> L.	Canada moonseed
<i>Mikania scandens</i> (L.) Willd.	climbing hempvine
<i>Mononeuria glabra</i> (Michx.) Dillenb. & Kadereit	Appalachian sandplant
<i>Muhlenbergia sobolifera</i> (Muhl. ex Willd.) Trin.	rock muhly
<i>Muhlenbergia tenuiflora</i> (Willd.) B.S.P.	slender muhly
<i>Nabalus boottii</i> DC.	Boott's rattlesnake-root
<i>Nabalus serpentarius</i> (Pursh) Hook.	lion's-foot rattlesnake-root
<i>Neottia auriculata</i> (Wieg.) Szlach.	auricled twayblade
<i>Nuphar microphylla</i> (Pers.) Fern.	small-leaved pond-lily
<i>Oligoneuron album</i> (Nutt.) Nesom	white flat-topped-goldenrod
<i>Omalotheca supina</i> (L.) DC.	alpine arctic-cudweed
<i>Ophioglossum pusillum</i> Raf.	northern adder's-tongue fern
<i>Osmorhiza berteroi</i> DC.	mountain sweet-cicely
<i>Oxybasis rubra</i> (L.) S. Fuentes, Uotila & Borsch var. <i>rubra</i>	red goosefoot
<i>Oxyria digyna</i> (L.) Hill	mountain-sorrel
<i>Packera obovata</i> (Muhl. ex Willd.) W.A. Weber & A. Löve	running groundsel
<i>Panicum philadelphicum</i> Bernh. ex Trin. ssp. <i>philadelphicum</i>	Philadelphia panicgrass
<i>Paronychia canadensis</i> (L.) Wood	smooth forked whitlow-wort
<i>Pellaea atropurpurea</i> (L.) Link	purple cliff-brake

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<i>Persicaria robustior</i> (Small) Bickn.	stout dotted smartweed
<i>Petasites frigidus</i> (L.) Fries var. <i>palmatus</i> (Ait.) Cronq.	northern sweet-coltsfoot
<i>Phleum alpinum</i> L. ssp. <i>alpinum</i>	mountain Timothy
<i>Phragmites americanus</i> (Saltonstall, P.M. Peterson & Soreng) A. Haines	American reed
<i>Pilea fontana</i> (Lunell) Rydb.	lesser clearweed
<i>Pinguicula vulgaris</i> L. ssp. <i>vulgaris</i>	violet butterwort
<i>Piptatheropsis canadensis</i> (Poir.) Romasch., P.M. Peterson & Soreng	Canada mountain-rice grass
<i>Piptochaetium avenaceum</i> (L.) Parodi	black-seeded spear grass
<i>Pluchea odorata</i> (L.) Cass. var. <i>succulenta</i> (Fern.) Cronq.	sweet-scented camphorweed
<i>Poa glauca</i> Vahl ssp. <i>glauca</i>	glaucous blue grass
<i>Poa laxa</i> Haenke ssp. <i>fernaldiana</i> (Nannf.) N. Hylander	wavy blue grass
<i>Poa pratensis</i> L. ssp. <i>alpigena</i> (Fries ex Blytt) Hiitonen	alpine Kentucky blue grass
<i>Polygala cruciata</i> L. ssp. <i>aquilonia</i> (Fern. & Schub.) A. Haines	drum-heads milkwort
<i>Polygonum erectum</i> L.	upright knotweed
<i>Polygonum ramosissimum</i> Michx. ssp. <i>prolificum</i> (Small) Costea & Tardif	prolific yellow-flowered knotweed
<i>Polygonum tenue</i> Michx.	slender knotweed
<i>Potamogeton alpinus</i> Balbis	reddish pondweed
<i>Potamogeton foliosus</i> Raf. ssp. <i>foliosus</i>	leafy pondweed
<i>Potamogeton gemmiparus</i> (J.W. Robbins) J.W. Robbins ex Morong	budding pondweed
<i>Potamogeton obtusifolius</i> Mert. & Koch	blunt-leaved pondweed
<i>Potamogeton praelongus</i> Wulfen	white-stemmed pondweed
<i>Potamogeton richardsonii</i> (Benn.) Rydb.	Richardson's pondweed
<i>Potamogeton vaseyi</i> J.W. Robbins	Vasey's pondweed
<i>Potamogeton zosteriformis</i> Fern.	flat-stem pondweed
<i>Potentilla litoralis</i> Rydb.	coast cinquefoil
<i>Potentilla robbinsiana</i> Oakes ex Rydb.	Robbins' cinquefoil
<i>Proserpinaca pectinata</i> Lam.	comb-leaved mermaid-weed
<i>Pseudognaphalium micradenium</i> (Weatherby) Nesom	Weatherby's rabbit-tobacco
<i>Pterospora andromedea</i> Nutt.	pine-drops
<i>Puccinellia pumila</i> (Vasey) A.S. Hitchc.	tundra alkali grass
<i>Pycnanthemum incanum</i> (L.) Michx. var. <i>incanum</i>	hoary mountain-mint
<i>Pycnanthemum torrei</i> Benth.	Torrey's mountain-mint
<i>Pycnanthemum virginianum</i> (L.) T. Dur. & B.D. Jackson ex B.L. Robins. & Fern.	Virginia mountain-mint
<i>Pyrola asarifolia</i> Michx. ssp. <i>asarifolia</i>	pink shinleaf
<i>Quercus macrocarpa</i> Michx.	mossy-cup oak
<i>Ranunculus ambigens</i> S. Wats.	water-plantain crowfoot

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<i>Ranunculus fascicularis</i> Muhl. ex Bigelow	early crowfoot
<i>Rhinanthus minor</i> L. ssp. <i>groenlandicus</i> (Ostenf.) L. Neum.	Greenland little yellow-rattle
<i>Rhododendron periclymenoides</i> (Michx.) Shinnery	pink azalea
<i>Rhynchospora capillacea</i> Torr.	needle beaksedge
<i>Rosa acicularis</i> Lindl. ssp. <i>sayi</i> (Schwein.) W.H. Lewis	bristly rose
<i>Rotala ramosior</i> (L.) Koehne	toothcup
<i>Rubus cuneifolius</i> Pursh	sand blackberry
<i>Rumex pallidus</i> Bigelow	seabeach dock
<i>Sabulina michauxii</i> (Fenzl) Dillenb. & Kadereit	Michaux's sandplant
<i>Sagina nodosa</i> (L.) Fenzl ssp. <i>borealis</i> Crow	boreal knotted pearlwort
<i>Sagittaria cuneata</i> Sheldon	northern arrowhead
<i>Sagittaria filiformis</i> J.G. Sm.	narrow-leaved arrowhead
<i>Sagittaria rigida</i> Pursh	sessile-fruited arrowhead
<i>Sagittaria spatulata</i> (J.G. Sm.) Buch.	spongy-leaved arrowhead
<i>Sagittaria teres</i> S. Wats.	quill-leaved arrowhead
<i>Salicornia ambigua</i> Michx.	perennial glasswort
<i>Salicornia bigelovii</i> Torr.	dwarf glasswort
<i>Salix argyrocarpa</i> Anderss.	Labrador willow
<i>Salix exigua</i> Nutt. ssp. <i>interior</i> (Rowlee) Cronq.	sandbar willow
<i>Salix herbacea</i> L.	snow-bed willow
<i>Salix pellita</i> (Anderss.) Anderss. ex Schneid.	satiny willow
<i>Samolus parviflorus</i> Raf.	seaside brookweed
<i>Sanicula canadensis</i> L. var. <i>canadensis</i>	Canada sanicle
<i>Sanicula odorata</i> (Raf.) K.M. Pryer & L.R. Phillippe	clustered sanicle
<i>Saxifraga cernua</i> L.	nodding saxifrage
<i>Saxifraga paniculata</i> P. Mill. ssp. <i>paniculata</i>	White Mountain saxifrage
<i>Saxifraga rivularis</i> L. ssp. <i>rivularis</i>	alpine-brook saxifrage
<i>Schistostega pennata</i> (Hedwig) F. Weber & D. Mohr	goblin's gold
<i>Scirpus ancistrochaetus</i> Schuyler	northeastern bulrush
<i>Scirpus georgianus</i> Harper	Georgia bulrush
<i>Scirpus longii</i> Fern.	Long's bulrush
<i>Scirpus pendulus</i> Muhl.	rufous bulrush
<i>Scirpus polyphyllus</i> Vahl	leafy bulrush
<i>Scleria pauciflora</i> Muhl. ex Willd. var. <i>pauciflora</i>	few-flowered nutsedge
<i>Scleria reticularis</i> Michx.	netted nutsedge
<i>Sclerolepis uniflora</i> (Walt.) B.S.P.	sclerolepis
<i>Senna hebecarpa</i> (Fern.) Irwin & Barneby	northern wild senna
<i>Sericocarpus linifolius</i> (L.) B.S.P.	narrow-leaved white-topped-aster
<i>Sibbaldia procumbens</i> L.	sibbaldia
<i>Silene acaulis</i> (L.) Jacq.	moss campion



Scientific Name (with authority)	Common Name
<i>Silene caroliniana</i> Walt. ssp. <i>pennsylvanica</i> (Michx.) Clausen	wild campion
<i>Sisyrinchium mucronatum</i> Michx.	needle-tipped blue-eyed-grass
<i>Solidago patula</i> Muhl. ex Willd. var. <i>patula</i>	rough-leaved goldenrod
<i>Solidago speciosa</i> Nutt. var. <i>speciosa</i>	showy goldenrod
<i>Sparganium androcladum</i> (Engelm.) Morong	branched bur-reed
<i>Sphagnum andersonianum</i> R.E. Andrus	peat moss
<i>Sphagnum angermanicum</i> Melin	peat moss
<i>Sphagnum brevifolium</i> (Lindberg) J. Röhl	peat moss
<i>Sphagnum contortum</i> Schultz	peat moss
<i>Sphagnum flavicomans</i> (Cardot) Warnstorff in H. G. A. Engler	peat moss
<i>Sphenopholis obtusata</i> (Michx.) Scribn.	prairie wedgescale
<i>Spiranthes casei</i> Catling & Cruise var. <i>casei</i>	Case's ladies'-tresses
<i>Spiranthes lucida</i> (H.H. Eat.) Ames	shining ladies'-tresses
<i>Sporobolus cryptandrus</i> (Torr.) Gray	sand dropseed
<i>Sporobolus neglectus</i> Nash	small dropseed
<i>Staphylea trifolia</i> L.	American bladdernut
<i>Stuckenia filiformis</i> (Pers.) Boerner	thread-leaved false pondweed
<i>Stuckenia pectinata</i> (L.) Boerner	Sago false pondweed
<i>Suaeda maritima</i> (L.) Dumort. ssp. <i>richii</i> (Fern.) Bassett & C.W. Crompton	Rich's herbaceous sea-blite
<i>Subularia aquatica</i> L. ssp. <i>americana</i> Mulligan & Calder	American water-awlwort
<i>Symphotrichum tenuifolium</i> (L.) Nesom var. <i>tenuifolium</i>	perennial saltmarsh American-aster
<i>Tephrosia virginiana</i> (L.) Pers.	wild goat's-rue
<i>Thalictrum revolutum</i> DC.	waxy-leaved meadow-rue
<i>Thalictrum thalictroides</i> (L.) Eames & Boivin	anemone meadow-rue
<i>Triantha glutinosa</i> (Michx.) Baker	sticky false asphodel
<i>Trichophorum planifolium</i> (Spreng.) Palla	bashful clubsedge
<i>Triosteum aurantiacum</i> Bickn. var. <i>aurantiacum</i>	orange-fruited horse-gentian
<i>Triplasis purpurea</i> (Walt.) Chapman var. <i>purpurea</i>	purple sandgrass
<i>Utricularia resupinata</i> B.D. Greene ex Bigelow	resupinate bladderwort
<i>Uvularia grandiflora</i> J.E. Sm.	large-flowered bellwort
<i>Uvularia perfoliata</i> L.	perfoliate bellwort
<i>Vahlodea atropurpurea</i> (Wahlenb.) Fries ex Hartman	arctic hair grass
<i>Valeriana uliginosa</i> (Torr. & Gray) Rydb.	marsh valerian
<i>Veronica wormskjoldii</i> Roemer & J.A. Schultes var. <i>wormskjoldii</i>	American alpine speedwell
<i>Viburnum rafinesquianum</i> J.A. Schultes var. <i>rafinesquianum</i>	downy arrowwood
<i>Viola nephrophylla</i> Greene	northern bog violet
<i>Viola palmata</i> L. var. <i>palmata</i>	palmate violet

Scientific Name (with authority)	Common Name
<i>Vulpia octoflora</i> (Walt.) Rydb. var. <i>tenella</i> (Willd.) Fern.	eight-flowered six-weeks grass
<i>Woodsia glabella</i> R. Br. ex Richards.	smooth cliff fern
<i>Woodsia obtusa</i> (Spreng.) Torr. ssp. <i>obtusa</i>	blunt-lobed cliff fern
<i>Woodwardia areolata</i> (L.) T. Moore	netted chain fern
<i>Zannichellia palustris</i> L.	horned-pondweed
<i>Zanthoxylum americanum</i> P. Mill.	common prickly-ash

Ncr 312.03 Threatened Plant Species. The inventory in Table 312.3 below, listed by scientific name with authority, and common name, shall contain all threatened plant species meeting the criteria in Ncr 303.02:

Table 312.3 State Listed Threatened Plant Species

Scientific Name (with authority)	Common Name
<i>Acer nigrum</i> Michx. f.	black maple
<i>Agalinis maritima</i> (Raf.) Raf. ssp. <i>maritima</i>	saltmarsh agalinis
<i>Anthoxanthum monticola</i> (Bigelow) Y. Schouten & Veldkamp ssp. <i>monticola</i>	alpine sweet grass
<i>Aristida longespica</i> Poir. var. <i>geniculata</i> (Raf.) Fern.	red threeawn
<i>Asclepias amplexicaulis</i> J.E. Smith	clasping milkweed
<i>Betula glandulosa</i> Michx.	glandular birch
<i>Betula minor</i> (Tuckerman) Fern.	dwarf birch
<i>Betula nigra</i> L.	river birch
<i>Bidens beckii</i> Torr. ex Spreng.	Beck's water-marigold
<i>Boechera canadensis</i> (L.) Al-Shehbaz	sicklepod rockcress
<i>Boechera missouriensis</i> (Greene) Al-Shehbaz	green rockcress
<i>Calamagrostis stricta</i> (Timm) Koel. ssp. <i>inexpansa</i> (Gray) C.W. Greene	northern neglected reed grass
<i>Cardamine maxima</i> (Nutt.) Wood	large toothwort
<i>Carex aurea</i> Nutt.	golden-fruited sedge
<i>Carex baileyi</i> Britt.	Bailey's sedge
<i>Carex bigelowii</i> Torr. ex Schwein. ssp. <i>bigelowii</i>	Bigelow's sedge
<i>Carex cephaloidea</i> (Dewey) Dewey	thin-leaved sedge
<i>Carex cumulata</i> (Bailey) Mackenzie	clustered sedge
<i>Carex diandra</i> Schrank	lesser tussock sedge
<i>Carex garberi</i> Fern.	elk sedge
<i>Carex scirpoidea</i> Michx. ssp. <i>scirpoidea</i>	scirpus-like sedge
<i>Caulophyllum giganteum</i> (Farw.) Loconte & Blackwell	early blue cohosh
<i>Cyperus squarrosus</i> L.	incurved umbrella sedge
<i>Cypripedium parviflorum</i> Salisb. var. <i>pubescens</i> (Willd.) Knight	large yellow lady's-slipper
<i>Desmodium rotundifolium</i> DC.	round-leaved trailing tick-trefoil
<i>Diapensia lapponica</i> L. ssp. <i>lapponica</i>	diapensia

Scientific Name (with authority)	Common Name
<i>Dryopteris fragrans</i> (L.) Schott	fragrant wood fern
<i>Epilobium hornemannii</i> Reichenb. ssp. <i>hornemannii</i>	Hornemann's willow-herb
<i>Euthamia caroliniana</i> (L.) Greene ex Porter & Britt.	coastal plain grass-leaved-goldenrod
<i>Galearis spectabilis</i> (L.) Raf.	showy orchid
<i>Gaylussacia bigeloviana</i> (Fern.) Sorrie & Weakley	dwarf huckleberry
<i>Gentianopsis crinita</i> (Froel.) Ma	greater fringed-gentian
<i>Geum fragarioides</i> (Michx.) Smedmark	Appalachian barren-strawberry
<i>Geum peckii</i> Pursh	White Mountain avens
<i>Hackelia virginiana</i> (L.) I.M. Johnston	Virginia stickseed
<i>Halenia deflexa</i> (Sm.) Griseb. ssp. <i>deflexa</i>	American spurred-gentian
<i>Heteranthera dubia</i> (Jacq.) MacM.	grass-leaved mud-plantain
<i>Hippuris vulgaris</i> L.	common mare's-tail
<i>Hudsonia tomentosa</i> Nutt.	hairy hudsonia
<i>Huperzia appressa</i> (Desv.) A. & D. Löve	mountain firmoss
<i>Hydrophyllum virginianum</i> L.	eastern waterleaf
<i>Hypoxis hirsuta</i> (L.) Coville	common star-grass
<i>Isotria medeoloides</i> (Pursh) Raf.	small whorled pogonia
<i>Iva frutescens</i> L.	marsh elder
<i>Kalmia procumbens</i> (L.) Gift, Kron & P.F. Stevens ex Galasso, Banfi & F. Conti	alpine-azalea
<i>Liparis loeselii</i> (L.) L.C. Rich.	Loesel's wide-lipped orchid
<i>Lobelia kalmii</i> L.	brook lobelia
<i>Lupinus perennis</i> L. ssp. <i>perennis</i>	wild lupine
<i>Lysimachia thyrsoiflora</i> L.	tufted yellow-loosestrife
<i>Neottia convallarioides</i> (Sw.) Rich.	broad-leaved twayblade
<i>Neottia cordata</i> (L.) Rich.	heart-leaved twayblade
<i>Packera paupercula</i> (Michx.) W.A. Weber & A. Löve	balsam groundsel
<i>Panax quinquefolius</i> L.	American ginseng
<i>Parnassia glauca</i> Raf.	fen grass-of-Parnassus
<i>Paronychia argyrocoma</i> (Michx.) Nutt.	silverling
<i>Phyllodoce caerulea</i> (L.) Bab.	purple mountain-heath
<i>Pinus banksiana</i> Lamb.	Jack pine
<i>Platanthera flava</i> (L.) Lindl. var. <i>herbiola</i> (R. Br. in Ait.) Luer	northern tubercled bog-orchid
<i>Polygonum douglasii</i> Greene	Douglas' knotweed
<i>Potamogeton nodosus</i> Poir.	long-leaved pondweed
<i>Rhododendron lapponicum</i> (L.) Wahlenb.	Lapland rosebay
<i>Rhododendron maximum</i> L.	giant rhododendron
<i>Rubus chamaemorus</i> L.	baked apple berry
<i>Salix pedicellaris</i> Pursh	bog willow
<i>Salix planifolia</i> Pursh ssp. <i>planifolia</i>	tea-leaved willow

Scientific Name (with authority)	Common Name
<i>Salix uva-ursi</i> Pursh	bearberry willow
<i>Sanicula trifoliata</i> Bickn.	large-fruited sanicle
<i>Solidago odora</i> Ait. ssp. <i>odora</i>	licorice goldenrod
<i>Sparganium eurycarpum</i> Engelm. ex Gray	great bur-reed
<i>Sparganium natans</i> L.	arctic bur-reed
<i>Sphagnum lindbergii</i> Schimper	peat moss
<i>Sphagnum majus</i> ssp. <i>norvegicum</i> K. I. Flatberg	peat moss
<i>Sphagnum pylaesii</i> Bridel	peat moss
<i>Sphagnum riparium</i> Ångström	peat moss
<i>Sphagnum subfulvum</i> Sjörs	peat moss
<i>Sphagnum wulfianum</i> Girgensohn	peat moss
<i>Symphyotrichum ciliolatum</i> (Lindl.) A. & D. Löve	Lindley's American-aster
<i>Symphyotrichum patens</i> (Ait.) Nesom var. <i>patens</i>	late purple American-aster
<i>Triphora trianthophoros</i> (Sw.) Rydb. ssp. <i>trianthophoros</i>	three-birds orchid
<i>Vaccinium boreale</i> Hall & Aalders	northern blueberry
<i>Vaccinium cespitosum</i> Michx.	dwarf blueberry
<i>Viburnum edule</i> (Michx.) Raf.	squashberry
<i>Viola palustris</i> L. var. <i>palustris</i>	northern marsh violet
<i>Viola pedata</i> L. var. <i>pedata</i>	bird-foot violet
<i>Viola rostrata</i> Pursh	long-spurred violet

Ncr 312.04 Extirpated Plant Species. The inventory in Table 312.4 below, listed by scientific name with authority, and common name, shall contain all extirpated plant species. For the purposes of Table 312.4, “extirpated species” means a native plant taxon presumed to be extirpated from the state because the taxon has not been located despite intensive searches of historical sites and other appropriate habitat, and has virtually no likelihood it will be rediscovered.

Table 312.4 State Listed Extirpated Plant Species

Scientific Name (with authority)	Common Name
<i>Carex tetanica</i> Schkuhr	rigid sedge
<i>Castilleja coccinea</i> (L.) Spreng.	scarlet painted-cup
<i>Honckenya peploides</i> (L.) Ehrh. ssp. <i>robusta</i> (Fern.) Hulten	seaside-sandwort
<i>Mertensia maritima</i> (L.) S.F. Gray var. <i>maritima</i>	seaside bluebells

APPENDIX I

PLANT NOMENCLATURE FOR NATURAL HERITAGE INVENTORY

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Kartesz, J.T. 1994. A Synonymized Checklist of the Vascular Flora of the United States, Canada, and Greenland, Second Edition. Biota of North America Program, North Carolina Botanical Garden. Timber Press, Portland, OR.

APPENDIX II

Rule	Specific State or Federal Statutes or Regulations the Rule Implements
Ncr 312	RSA 217-A:5, III and IV