

The following rules will be published in the North Carolina Register on 10/1/2020

The comment period ends 11/30/2020. Written comments may be submitted during the open comment period to Phil Wilson, Plant Conservation Board, 1060 Mail Service Center, 27699-1060, or phil.wilson@ncagr.gov.

Any person may request a public hearing on the proposed rules by submitting a request in writing no later than 10/16/2020 to Phil Wilson, Plant Conservation Board, 1060 Mail Service Center, Raleigh, NC 27699-1060.

The proposed amendment updates the Protected Plant Species and corrects the spelling and names of certain plants.

The comment period ends 11/30/2020.

02 NCAC 48F is proposed for amendment as follows:

SECTION .0300 - ENDANGERED PLANT SPECIES LIST: THREATENED PLANT SPECIES LIST: LIST OF SPECIES OF SPECIAL CONCERN

02 NCAC 48F .0301 PROTECTED PLANT SPECIES LIST

The North Carolina Plant Conservation Board hereby establishes the following list of protected plant species (** indicates federally listed):

	Species	Status
(1)	<u>Acmispon helleri</u>	<u>Threatened</u>
	<u>Carolina Prairie-trefoil;</u>	
(1)(2)	Acrobolbus ciliatus A liverwort;	Special Concern, Vulnerable
(2)(3)	Adiantum capillus-veneris Venus Hair Fern;	Threatened
(3)(4)	Adlumia fungosa Climbing Fumitory;	Special Concern, Vulnerable
(4)(5)	Aeschynomene virginica** Sensitive Jointvetch;	Threatened

(5)(6)	Agalinis virgata Branched Gerardia;	Threatened
(6)(7)	Agrostis mertensii Artie Arctic Bentgrass;	Endangered
(8)	Aletris lutea Yellow Colic-root;	Threatened
(9)	Allium allegheniense Allegheny Onion;	Special Concern, Vulnerable
(7)(10)	Allium eubertii-keeverae Striped Garlic; Keever's Onion;	Threatened-Special Concern, Vulnerable
(8)(11)	Alnus viridis ssp. crispa Green Alder;	Special Concern, Vulnerable
(9)(12)	Amaranthus pumilus** Seabeach Amaranth;	Threatened
(10)(13)	Amorpha confusa Savanna Indigo-bush;	Threatened
(11)(14)	Amorpha georgiana Georgia Indigo-bush;	Endangered
(12)(15)	Amphicarpum muhlenbergianum Florida Goober Grass, Blue Maidencane;	Endangered
(13)	Andropogon mohrii Bog Bluestem;	Threatened
(14)(16)	Anemone berlandieri Southern Anemone;	Endangered
(15)(17)	Anemone caroliniana Prairie Anemone;	Endangered
(16)(18)	Arabis pycnocarpa var. adpressipilis Hairy Rockcress;	Endangered
(17)(19)	Arethusa bulbosa Bog Rose;	Endangered
(18)(20)	Aristida condensata Big Three-awn Grass;	Threatened
(19)(21)	Aristida simpliciflora Chapman's Three-awn;	Endangered
(20)(22)	Arnoglossum ovatum var. lanceolatum Savanna Indian-plantain;	Endangered
(23)	Asclepias cinerea	Special Concern, Historical

<u>Carolina Milkweed;</u>	
(21)(24) <i>Asclepias pedicellata</i>	Special Concern, Vulnerable
Savanna Milkweed;	
(22)(25) <i>Asplenium heteroresiliens</i>	Endangered
Carolina Spleenwort;	
(23)(26) <i>Asplenium monanthes</i>	Endangered
Single-sorus Spleenwort;	
(24)(27) <i>Asplenium ruta-muraria</i> var. <i>cryptolepis</i>	Special Concern, Vulnerable
<u>American Wall-rue Spleenwort; Wall-rue;</u>	
(25)(28) <i>Astragalus michauxii</i>	Special Concern, Vulnerable
Sandhills Milkvetch;	
(26)(29) <i>Baccharis glomeruliflora</i>	Special Concern, Historical <u>Endangered</u>
Silverling;	
(27)(30) <i>Bacopa caroliniana</i>	Threatened
Blue Water-hyssop;	
(28)(31) <i>Bacopa innominata</i>	Special Concern, Historical
Tropical Water-hyssop;	
(29)(32) <i>Balduina atropurpurea</i>	Endangered
Purple-disk Honeycomb-head;	
(33) <u><i>Baptista aberrans</i></u>	<u>Endangered</u>
<u>Eastern Prairie Blue Wild Indigo</u>	
(30)(34) <i>Baptisia alba</i>	Threatened
Thick-pod White Wild Indigo;	
(31)(35) <i>Baptisia bracteata</i>	Special Concern, Historical
Creamy Wild Indigo;	
(32) <i>Baptisia australis</i> var. <i>aberrans</i>	Endangered
Prairie Blue Wild Indigo;	
(33)(36) <i>Berberis canadensis</i>	Special Concern, Vulnerable
American Barberry;	
(34)(37) <i>Betula cordifolia</i>	Special Concern, Vulnerable
Mountain Paper Birch;	
(35) <i>Boechera missouriensis</i>	Special Concern, Vulnerable
Missouri Rockeress;	
(38) <u><i>Bouteloua curtipendula</i> var. <i>curtipendula</i></u>	<u>Threatened</u>
<u>Sideoats Grama;</u>	
(39) <u><i>Bromus ciliatus</i></u>	<u>Special Concern, Vulnerable</u>
<u>Fringed Brome;</u>	

(36)(40)	<i>Buchnera americana</i> American Bluehearts;	Endangered
(37)(41)	<i>Buckleya distichophylla</i> Piratebush;	Threatened
(38)(42)	<i>Bulbostylis warei</i> Ware's Hair Sedge;	Special Concern, Historical
(39)(43)	<i>Calamagrostis cainii</i> Cain's Reed-Grass; Reedgrass;	Endangered
(44)	<i>Calamagrostis canadensis</i> var. <i>canadensis</i> Canada Reedgrass;	Special Concern, Vulnerable
(40)(45)	<i>Calopogon multiflorus</i> Many-flower Many-flowered Grass-pink;	Endangered
(41)(46)	<i>Caltha palustris</i> var. <i>palustris</i> Marsh-marigold; Marsh Marigold;	Endangered
(42)(47)	<i>Camassia scilloides</i> Wild Hyacinth;	Threatened
(48)	<i>Campanula aparinoides</i> var. <i>aparinoides</i> Marsh Bellflower;	Threatened
(43)(49)	<i>Campanula rotundifolia</i> Bluebells;	Endangered
(44)(50)	<i>Campylium stellatum</i> Yellow Starry Fen Moss;	Special Concern, Vulnerable
(45)	<i>Canoparmelia amabilis</i> Worthy Shield Lichen;	Special Concern, Vulnerable
(46)(51)	<i>Cardamine dissecta</i> Dissected Toothwort;	Special Concern, Vulnerable
(47)	<i>Cardamine douglassii</i> Douglass's-Bittercress;	Threatened
(48)(52)	<i>Cardamine longii</i> Long's Bittercress;	Special Concern, Vulnerable
(49)(53)	<i>Cardamine micranthera</i> ** Small-anthered Bittercress;	Endangered
(50)	<i>Cardamine rotundifolia</i> Mountain Watercress;	Threatened
(54)	<i>Carex amplisquama</i> Fort Mountain Sedge;	Special Concern, Vulnerable
(55)	<i>Carex arctata</i>	Special Concern, Vulnerable

<u>Black Sedge;</u>	
(54)(56) <i>Carex argyrantha</i>	Endangered
Hay Sedge;	
(52)(57) <i>Carex barrattii</i>	Special Concern, Historical
Barratt's Sedge;	
(58) <i>Carex basiantha</i>	Endangered
<u>Widow Sedge;</u>	
(53)(59) <i>Carex buxbaumii</i>	Special Concern, Vulnerable
Brown Bog Sedge;	
(60) <i>Carex calcifugens</i>	Special Concern, Vulnerable
<u>Calcium-fleeing Sedge;</u>	
(54)(61) <i>Carex careyana</i>	Threatened
Carey's Sedge;	
(55)(62) <i>Carex cherokeensis</i>	Endangered Threatened
Cherokee Sedge;	
(56)(63) <i>Carex conoidea</i>	Special Concern, Vulnerable Threatened
Cone-shaped Sedge: Sedge, Field Sedge;	
(57)(64) <i>Carex cristatella</i>	Special Concern, Historical Vulnerable
Small-crested Crested Sedge;	
(58) <i>Carex decomposita</i>	Special Concern, Vulnerable
Cypress-Knee Sedge;	
(59)(65) <i>Carex eburnea</i>	Threatened
Bristle-leaf Sedge;	
(60)(66) <i>Carex exilis</i>	Endangered
Coastal Sedge;	
(61) <i>Carex hitchcockiana</i>	Special Concern, Vulnerable
Hitchcock's Sedge;	
(62)(67) <i>Carex hormathodes</i>	Threatened
A Marsh Straw Sedge;	
(68) <i>Carex impressinervia</i>	Special Concern, Vulnerable
Ravine Sedge;	
(69) <i>Carex jamesii</i>	Special Concern, Vulnerable
James's Sedge;	
(70) <i>Carex lasiocarpa</i> var. <i>americana</i>	Special Concern, Vulnerable
Slender Sedge;	
(63)(71) <i>Carex lutea</i> **	Endangered
Golden Sedge;	

<u>(72)</u>	<u>Carex meadii</u>	<u>Endangered</u>
	Mead's Sedge;	
(64) <u>(73)</u>	<u>Carex oligocarpa</u>	<u>Threatened</u>
	Rich-woods Sedge;	
(65) <u>(74)</u>	<u>Carex oligosperma</u>	<u>Endangered</u>
	Few-seeded Sedge;	
(66) <u>(75)</u>	<u>Carex pedunculata var. pedunculata</u>	<u>Special Concern, Vulnerable</u>
	Longstalk Sedge;	
(67)	Carex purpurifera	Special Concern, Vulnerable
	Purple Sedge;	
(68) <u>(76)</u>	<u>Carex radfordii</u>	<u>Threatened</u>
	Radford's Sedge;	
(69) <u>(77)</u>	<u>Carex reniformis</u>	<u>Threatened</u>
	Kidney Sedge;	
<u>(78)</u>	<u>Carex superata</u>	<u>Threatened</u>
	Limestone Forest Sedge;	
(70) <u>(79)</u>	<u>Carex tenax</u>	<u>Endangered</u>
	Wire Sedge;	
<u>(80)</u>	<u>Carex trichocarpa</u>	<u>Special Concern, Vulnerable</u>
	Hairy-fruited Sedge;	
(71) <u>(81)</u>	<u>Carex trisperma</u>	<u>Endangered</u>
	Three-seeded Sedge;	
<u>(82)</u>	<u>Carex utriculata</u>	<u>Endangered</u>
	Beaked Sedge;	
<u>(83)</u>	<u>Carex vesicaria</u>	<u>Endangered</u>
	Inflated Sedge;	
(72) <u>(84)</u>	<u>Carex vestita</u>	<u>Special Concern, Historical Threatened</u>
	Velvet Sedge;	
(73) <u>(85)</u>	<u>Carya laciniosa</u>	<u>Threatened</u>
	Big Shellbark Hickory;	
(74) <u>(86)</u>	<u>Carya myristiciformis</u>	<u>Endangered</u>
	Nutmeg Hickory;	
<u>(87)</u>	<u>Caulophyllum giganteum</u>	<u>Special Concern, Vulnerable</u>
	Northern Blue Cohosh;	
(75) <u>(88)</u>	<u>Celastrus scandens</u>	<u>Endangered</u>
	American Bittersweet;	
(76) <u>(89)</u>	<u>Cetraria arenaria</u>	<u>Special Concern, Vulnerable</u>

	Sand-loving Iceland Lichen;	
(77)	Euphorbia cordifolia	Threatened
	Heartleaf Sandmat;	
(78)(90)	Chamerion platyphyllum	Endangered
	Fireweed;	
(79)(91)	Chasmanthium nitidum	Threatened
	A <u>Shiny Spanglegrass</u> ;	
(80)(92)	Chelone cuthbertii	Special Concern, Vulnerable
	Cuthbert's Turtlehead;	
(81)	Chenopodium simplex	Threatened
	Giant-seed Goosefoot;	
(93)	Chenopodiastrum simplex	Threatened
	Mapleleaf Goosefoot;	
(82)(94)	Chiloscyphus appalachianus	Special Concern, Vulnerable
	A <u>Liverwort</u> ; <u>liverwort</u> ;	
(83)(95)	Chiloscyphus muricatus	Special Concern, Vulnerable
	A <u>Liverwort</u> ; <u>liverwort</u> ;	
(84)(96)	Chrysoma pauciflosculosa	Endangered
	Woody Goldenrod;	
(85)(97)	Cirsium carolinianum	Endangered
	Carolina Thistle;	
(86)(98)	Cirsium lecontei	Special Concern, Vulnerable
	Leconte's <u>LeConte's</u> Thistle;	
(87)	Cladonia psoromica	Threatened
	Bluff Mountain Reindeer Lichen;	
(88)(99)	Clematis occidentalis <u>var. occidentalis</u>	Special Concern, Vulnerable
	Mountain Clematis;	
(89)(100)	Clinopodium georgianum	Endangered
	Georgia Calamint;	
(90)	Coeloglossum viride var. virescens	Endangered
	Long-bracted Frog Orchid;	
(91)	Coelorachis cylindrica	Special Concern, Historical
	Carolina Jointgrass;	
(92)	Collinsonia tuberosa	Special Concern, Vulnerable
	Piedmont Horsebalm;	
(93)(101)	Collinsonia verticillata	Special Concern, Vulnerable <u>Threatened</u>
	Whorled Horsebalm;	

(94)(102)	<i>Conioselinum chinense</i> Hemlock-parsley;	Threatened
(95)(103)	<i>Coptis trifolia</i> var. <i>groenlandica</i> — Goldthread;	Threatened
(104)	<i>Coreopsis aristulata</i> Short-awned <i>Coreopsis</i> ;	<u>Threatened</u>
(96)(105)	<i>Cornus asperifolia</i> Roughleaf Dogwood;	Endangered
(106)	<i>Cornus racemosa</i> Gray Dogwood;	<u>Special Concern, Vulnerable</u>
(97)(107)	<i>Corydalis micrantha</i> Slender <i>Corydalis</i> ;	Threatened
(108)	<i>Coryphopteris simulata</i> Bog Fern;	<u>Endangered</u>
(109)	<i>Crataegus pallens</i> Pale Hawthorn;	<u>Threatened</u>
(98)(110)	<i>Crinum americanum</i> var. <i>americanum</i> Swamp-lily;	Special Concern, Historical
(99)(111)	<i>Crocانthemum bicknellii</i> Plains Sunrose;	Special Concern, Vulnerable
(100)(112)	<i>Crocانthemum carolinianum</i> Carolina Sunrose;	Endangered
(101)(113)	<i>Crocانthemum corymbosum</i> Pinebarren Sunrose;	Threatened
(102)(114)	<i>Crocانthemum georgianum</i> Georgia Sunrose;	Endangered
(103)(115)	<i>Crocانthemum nashii</i> <u>Florida Scrub Sunrose</u> , Florida Scrub Frostweed;	Endangered
(104)(116)	<i>Crocانthemum propinquum</i> Creeping Sunrose;	Threatened
(105)(117)	<i>Crocانthemum rosmarinifolium</i> Rosemary Sunrose;	Threatened
(106)(118)	<i>Croton monanthogynus</i> Prairie-tea <i>Croton</i> ;	Endangered
(107)(119)	<i>Cyperus dentatus</i> Toothed Flatsedge;	Special Concern, Historical
(108)(120)	<i>Cyperus granitophilus</i>	Threatened

	Granite Flatsedge;	
(109) (121)	<i>Cyperus lecontei</i>	Threatened
	Leconte's LeConte's Flatsedge;	
(122)	<u><i>Cyperus subsquarrosus</i></u>	<u>Special Concern, Historical</u>
	<u>Small-flowered Halfchaff;</u>	
(110) (123)	<i>Cyperus tetragonus</i>	Special Concern, Vulnerable
	Four-angled Flatsedge;	
(124)	<u><i>Cyperus virens</i></u>	<u>Special Concern, Vulnerable</u>
	<u>Greens Flatsedge;</u>	
(111) (125)	<i>Cystopteris tennesseensis</i>	Endangered
	Tennessee Bladder-fern;	
(112)	<u><i>Rubus dalibarda</i></u>	<u>Endangered</u>
	<u>Robin Runaway;</u>	
(126)	<u><i>Dactylorhiza viridis</i></u>	<u>Threatened</u>
	<u>Long-bracted Frog Orchid;</u>	
(113) (127)	<i>Delphinium exaltatum</i>	<u>Endangered Threatened</u>
	Tall Larkspur;	
(114) (128)	<i>Deschampsia cespitosa</i> ssp. <i>glauca</i>	Threatened
	Tufted Hairgrass;	
(115) (129)	<i>Desmodium ochroleucum</i>	Special Concern, Historical
	<u>White Tick-trefoil, Creamy Tick-trefoil;</u>	
(116) (130)	<i>Desmodium sessilifolium</i>	Special Concern, Historical
	Sessile Tick-trefoil;	
(117) (131)	<i>Diarrhena Americana americana</i>	<u>Endangered Threatened</u>
	<u>Eastern Beakgrass; Beakgrain;</u>	
(132)	<u><i>Dichanthelium annulum</i></u>	<u>Endangered</u>
	<u>Ringed Witchgrass;</u>	
(118)	<i>Dichanthelium aciculare</i> ssp. <i>neuranthum</i>	Special Concern, Vulnerable
	Nerved Witch Grass	
(119) (133)	<i>Dichanthelium caeruleum</i>	<u>Endangered-Threatened</u>
	Blue Witch Grass; <u>Witchgrass;</u>	
(120) (134)	<i>Dichanthelium hirstii</i>	Endangered
	<u>Hirsts' Hirst Brothers' Panic Grass; Witchgrass;</u>	
(135)	<u><i>Dichanthelium spretum</i></u>	<u>Endangered</u>
	<u>Eaton's Witchgrass;</u>	
(136)	<u><i>Dichanthelium strigosum</i> var. <i>glabrescens</i></u>	<u>Threatened</u>
	<u>Hairless Witchgrass;</u>	

(121)(137)	<i>Diervilla rivularis</i> Riverbank Bush-honeysuckle;	Threatened
(122)(138)	<i>Dionaea muscipula</i> Venus Flytrap;	Special Concern, Vulnerable <u>Threatened</u>
(123)	<i>Primula meadia</i> Shooting-star;	Threatened
(124)	<i>Draba ramosissima</i> Branching Draba;	Special Concern, Vulnerable
(125)	<i>Drepanolejeunea appalachiana</i> A Liverwort;	Special Concern, Vulnerable
(139)	<u><i>Diplachne maritima</i> Salt-meadow Grass;</u>	<u>Endangered</u>
(126)(140)	<i>Drosera filiformis</i> Threadleaf Sundew;	Special Concern, Vulnerable
(127)(141)	<i>Echinacea laevigata</i> ** Smooth Coneflower;	Endangered
(128)	<i>Echinacea purpurea</i> Purple Coneflower;	Special Concern, Vulnerable
(129)	<i>Echinodorus tenellus</i> Dwarf Burhead;	Endangered
(130)(142)	<i>Eleocharis cellulosa</i> Gulfcoast Spikerush;	Endangered <u>Threatened</u>
(131)(143)	<i>Eleocharis elongata</i> Florida Spikerush;	Endangered
(144)	<u><i>Eleocharis parvula</i> Dwarf Spikerush;</u>	<u>Threatened</u>
(132)(145)	<i>Eleocharis robbinsii</i> Robbins' Spikerush;	Special Concern, Vulnerable
(133)(146)	<i>Eleocharis vivipara</i> Viviparous Spikerush;	Endangered <u>Threatened</u>
(134)(147)	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> Slender Wheatgrass;	Threatened
(135)	<i>Elymus virginicus</i> var. <i>halophilus</i> Terrell Grass;	Special Concern, Vulnerable
(136)(148)	<i>Enemion biternatum</i> Eastern Isopyrun;	Special Concern, Vulnerable
(137)	<i>Epidendrum magnoliae</i>	Threatened

	<u>Green Fly Orchid;</u>	
(149)	<u>Epidendrum conopseum</u>	<u>Threatened</u>
	<u>Green-fly Orchid;</u>	
(150)	<u>Erigenia bulbosa</u>	<u>Threatened</u>
	<u>Harbinger-of-spring;</u>	
(138)(151)	Eriocaulon aquaticum	Special Concern, Vulnerable
	<u>Seven-angled pipewort; Pipewort;</u>	
(139)(152)	Eriocaulon parkeri	Threatened
	<u>Estuary Pipewort;</u>	
(140)(153)	Eriocaulon texense	Endangered
	<u>Texas Hatpins;</u>	
(141)(154)	Eriogonum tomentosum	Special Concern, Historical
	<u>Southern Wild-buckwheat</u>	
(142)(155)	Erythrina herbacea	Endangered
	<u>Coralbean;</u>	
(143)(156)	Eupatorium leptophyllum	Endangered
	<u>Limesink Dog-fennel;</u>	
(144)(157)	Eupatorium paludicola	Threatened <u>Endangered</u>
	<u>Bay Boneset;</u>	
(145)(158)	Euphorbia commutata	Threatened
	<u>Cliff Spurge;</u>	
(159)	<u>Euphorbia cordifolia</u>	<u>Threatened</u>
	<u>Heartleaf Sandmat;</u>	
(146)(160)	Euphorbia mercurialina	Special Concern, Vulnerable
	<u>Cumberland Spurge;</u>	
(147)(161)	Filipendula rubra	Endangered
	<u>Queen-of-the-Prairie;</u>	
(148)(162)	Fimbristylis perpusilla	Threatened
	<u>Harper's Fimbry;</u>	
(149)	Fleishmannia incarnata	Threatened
	<u>Pink Thoroughwort;</u>	
(150)(163)	Gaillardia aestivalis var. aestivalis	Endangered
	<u>Sandhills Blanket-flower;</u>	
(151)(164)	Galactia mollis	Threatened
	<u>Soft Milk-pea;</u>	
(152)(165)	Gaylussacia brachycera	Endangered
	<u>Box Huckleberry;</u>	

(153)(166)	<i>Gaylussacia nana</i>	Endangered
	Confederate Huckleberry; Dwarf Dangleberry;	
(167)	<i>Gaylussacia orocola</i>	Endangered
	Appalachian Dwarf Huckleberry;	
(154)(168)	<i>Gelsemium rankinii</i>	Special Concern, Vulnerable
	Swamp Jessamine;	
(155)(169)	<i>Gentiana alba</i>	Special Concern, Vulnerable <u>Historical</u>
	Yellow Pale Gentian;	
(170)	<i>Gentiana latidens</i>	Threatened
	Balsalm Mountain Gentian;	
(156)(171)	<i>Gentianopsis crinita</i>	Threatened <u>Endangered</u>
	Eastern Fringed Gentian;	
(157)(172)	<i>Geum aleppicum</i>	Endangered
	Yellow Avens;	
(158)(173)	<i>Geum geniculatum</i>	Special Concern, Vulnerable
	Bent Avens;	
(159)(174)	<i>Geum laciniatum</i>	Endangered
	Rough Avens;	
(160)(175)	<i>Geum lobatum</i>	Endangered
	Lobed Barren-strawberry;	
(161)(176)	<i>Geum radiatum</i> **	Endangered
	Spreading Avens;	
(162)(177)	<i>Gillenia stipulata</i>	Threatened
	Indian Physic;	
(178)	<i>Glyceria laxa</i>	Special Concern, Vulnerable
	Lax Mannagrass;	
(163)(179)	<i>Gratiola aurea lutea</i>	Special Concern, Vulnerable
	Golden Hedge-hyssop;	
(164)(180)	<i>Gymnocarpium appalachianum</i>	Threatened
	Appalachian Oak Fern;	
(165)(181)	<i>Gymnoderma lineare</i> **	Endangered
	Rock Gnome Lichen;	
(166)	<i>Senecio suaveolens</i>	Special Concern, Historical
	Sweet-Indian-plantain;	
(182)	<i>Harperella nodosa</i> [<i>Ptilimnium nodosum</i>]**	Endangered
	Harperella;	
(183)	<i>Helanthium tenellum</i>	Endangered

<u>Dwarf Burhead:</u>	
(167)(184)Helenium brevifolium	Endangered
Littleleaf Sneezeweed;	
(168)(185)Helenium vernale	Endangered
Spring Sneezeweed;	
(169)(186)Helianthus floridanus	Threatened
Florida Sunflower;	
(170)(187)Helianthus laevigatus	Special Concern, Vulnerable
Smooth Sunflower;	
(171)(188)Helianthus occidentalis ssp. occidentalis	Special Concern, Historical
Naked-stem Sunflower;	
(172)(189)Helianthus schweinitzii**	Endangered
Schweinitz's Sunflower;	
(173)(190)Helonias bullata**	Threatened
Swamp Pink;	
(174)(191)Hexastylis contracta	Endangered
Mountain Heartleaf;	
(175)(192)Hexastylis naniflora**	Threatened
Dwarf-flowered Heartleaf;	
(176)(193)Hibiscus aculeatus	Threatened
Comfortroot;	
(194) <u>Hottonia inflata</u>	<u>Special Concern, Vulnerable</u>
<u>Featherfoil:</u>	
(177)(195)Houstonia montana**	Endangered
Roan Mountain Bluet;	
(178)(196)Hudsonia montana**	Threatened
Mountain Golden-heather;	
(179)(197)Hudsonia tomentosa	Threatened
Sand Heather;	
(198) <u>Hydrastis canadensis</u>	<u>Special Concern, Vulnerable</u>
<u>Goldenseal:</u>	
(180)(199)Hymenocallis occidentalis var. occidentalis	Special Concern, Historical
Hillside Spider-lily;	
(181)(200)Hymenocallis pygmaea	Threatened <u>Special Concern, Vulnerable</u>
Waccamaw River Spiderlily;	
(182)(201)Hypericum adpressum	Special Concern, Historical
Bog St. John's-wort;	

(183)(202)Hypericum brachyphyllum Coastal Plain St. John's-wort;	Special Concern, Vulnerable
(184)(203)Hypericum fasciculatum Peelbark St. John's-wort;	Endangered
(204) <u>Hypericum radfordiorum</u> <u>Radford's St. John's-wort;</u>	<u>Special Concern, Vulnerable</u>
(185)(205)Hypericum suffruticosum Pineland St. John's-wort;	Special Concern, Historical
(206) <u>Hypotrachyna virginica</u> <u>Virginia Loop Lichen;</u>	<u>Special Concern, Vulnerable</u>
(186)(207)Ilex collina Long-stalked Holly;	Special Concern, Vulnerable
(187)(208)Ipomoea imperati Beach Morning-glory;	Threatened <u>Special Concern, Vulnerable</u>
(209) <u>Ipomoea macrorhiza</u> <u>Manroot;</u>	<u>Special Concern, Historical</u>
(188)(210)Isoetes microvela Thin-wall Quillwort;	Threatened
(189)(211)Isoetes piedmontana Piedmont Quillwort;	Endangered <u>Threatened</u>
(190)(212)Isotria medeoloides** Small Whorled Pogonia;	Threatened
(191)(213)Iva microcephala Small-headed Marsh Elder;	Threatened
(192)(214)Jeffersonia diphylla Twinleaf;	Threatened
(215) <u>Juncus articulatus</u> <u>Jointleafed Rush;</u>	<u>Special Concern, Historical</u>
(193)(216)Juncus caesariensis New Jersey Rush;	Endangered
(194)(217)Juniperus communis var. depressa Dwarf Juniper;	Special Concern, Vulnerable <u>Threatened</u>
(195)(218)Kalmia angustifolia Sheep-laurel;	Threatened
(196)(219)Lachnocaulon minus Brown Bogbutton;	Threatened
(197)(220)Lechea maritima var. virginica	Endangered <u>Threatened</u>

Maritime Pinweed;	
(198) (221) <i>Lechea torreyi</i> <u>var. congesta</u>	Endangered
Torrey's Pinweed;	
(199) (222) <i>Lejeunea blomquistii</i>	Special Concern, Vulnerable
A Liverwort ; <u>liverwort</u> ;	
(200) <i>Leptochloa fascicularis</i> var. <i>maritima</i>	Endangered
Long-awned Spangletop;	
(201) (223) <i>Liatris aspera</i>	Threatened <u>Special Concern, Vulnerable</u>
Rough Blazing-star;	
(202) (224) <i>Liatris helleri</i> **	Threatened
Heller's Blazing-star;	
(203) (225) <i>Liatris microcephala</i>	Special Concern, Vulnerable
Small-head Blazing-star;	
(204) (226) <i>Lilium canadense</i> var. canadense	Endangered
Yellow Canada Lily;	
(205) <i>Lilium canadense</i> ssp. <i>editorum</i>	Endangered
Red Canada Lily;	
(206) (227) <i>Lilium grayi</i>	Threatened
Gray's Lily;	
(207) (228) <i>Lilium philadelphicum</i> var. <i>philadelphicum</i>	Endangered
Wood Lily;	
(208) (229) <i>Lilium pyrophilum</i>	Endangered
Sandhills Lily;	
(209) (230) <i>Limosella australis</i>	Threatened
Awl-leaf <u>Awl-leaf</u> , Mudwort;	
(210) (231) <i>Lindera melissifolia</i> **	Endangered
Pondberry;	
(232) <i>Lindera subcoriacea</i>	<u>Special Concern, Vulnerable</u>
Bog Spicebush ;	
(211) (233) <i>Linum floridanum</i> var. <i>chrysocarpum</i>	Threatened
Yellow-fruited Flax;	
(212) (234) <i>Linum sulcatum</i>	Special Concern, Historical
Glade Flax;	
(213) (235) <i>Liparis loeselii</i>	Endangered
Fen Orchid;	
(214) <i>Lipocarpa micrantha</i>	<u>Special Concern, Historical</u>
Small-flowered Hemicarpha;	

(215)(236)Lithospermum canescens Hoary Puccoon;	Threatened
(216)(237)Litsea aestivalis Pondspice;	Special Concern, Vulnerable
(217)(238)Lobelia boykinii Boykin's Lobelia;	Endangered
(218)(239)Lophiola aurea Golden-crest;	Endangered
(219) [Lotus] Aemispon helleri Carolina Birdfoot-trefoil;	Special Concern, Vulnerable
(220)(240)Ludwigia lanceolata Lanceleaf Seedbox;	Endangered
(221)(241)Ludwigia linifolia Flaxleaf Seedbox;	Threatened
(222)(242)Ludwigia ravenii Raven's Seedbox;	Threatened <u>Endangered</u>
(223)(243)Ludwigia sphaerocarpa Globe-fruit seedbox; <u>Seedbox;</u>	Endangered
(224)(244)Ludwigia suffruticosa Shrubby Seedbox;	Threatened
(245) Lupinus villosus Pink Sandhill Lupine;	Endangered
(246) Lycopodiella inundata Northern Bog Clubmoss;	Endangered
(225)(247)Lysimachia asperulifolia** Rough-leaf Loosestrife;	Endangered
(248) Lysimachia borealis Northern Starflower;	Threatened
(226)(249)Lysimachia fraseri Fraser's Loosestrife;	Endangered
(227)(250)Macbridea caroliniana <u>Carolina Birds-in-a-Nest, Carolina Bogmint;</u>	Endangered
(228)(251)Magnolia macrophylla Bigleaf Magnolia;	Threatened <u>Special Concern, Vulnerable</u>
(229)(252)Malaxis spicata Florida Adder's-mouth;	Special Concern, Vulnerable
(230)(253)Marshallia grandiflora	Special Concern, Historical

	Large-flowered Barbara's-buttons;	
(254)	<u>Marshallia legrandii</u>	<u>Endangered</u>
	Oak Barrens Barbara's-buttons;	
(231)(255)	<u>Marshallia trinervia</u>	Special Concern, Historical
	Broadleaf Barbara's-buttons;	
(256)	<u>Melanthium woodii</u>	<u>Threatened</u>
	Ozark Bunchflower;	
(232)(257)	<u>Melica nitens</u>	Endangered
	Three-flowered Melic;	
(233)(258)	<u>Menyanthes trifoliata</u>	Threatened
	Buckbean;	
(234)(259)	<u>Micranthes pensylvanica</u>	Endangered
	Swamp Saxifrage;	
(235)	<u>Micropolypodium nimbatum</u>	<u>Threatened</u>
	West-Indian Dwarf Polypody;	
(236)	<u>Minuartia godfreyi</u>	<u>Endangered</u>
	Godfrey's Sandwort;	
(260)	<u>Mnesithea cylindrica</u>	<u>Special Concern, Historical</u>
	Carolina Jointgrass;	
(237)(261)	<u>Minuartia Mononeuria groenlandica</u>	Threatened
	Greenland Sandwort;	
(262)	<u>Mononeuria paludicola</u>	<u>Endangered</u>
	Godfrey's Sandwort;	
(238)(263)	<u>Minuartia uniflora</u>	Endangered
	Single-flowered Sandwort;	
(239)	<u>Monotropsis odorata</u>	<u>Special Concern, Vulnerable</u>
	Sweet Pinesap;	
(264)	<u>Moranopteris nimbata</u>	<u>Threatened</u>
	West Indian Dwarf Polypody;	
(240)(265)	<u>Muhlenbergia glomerata</u>	Special Concern, Vulnerable
	Spiked Muhly;	
(241)(266)	<u>Muhlenbergia sobolifera</u>	Special Concern, Vulnerable <u>Threatened</u>
	Rock Muhly;	
(242)(267)	<u>Muhlenbergia torreyana</u>	Special Concern, Vulnerable
	Pinebarren Smokegrass;	
(243)(268)	<u>Myrica gale</u>	Endangered
	Sweet Gale;	

(244)(269)Myriophyllum laxum Loose Water-milfoil;	Endangered
(245)(270)Myriophyllum tenellum Leafless Water-milfoil;	Endangered
(271) <u>Nabalus albus</u> <u>White Rattlesnakeroot;</u>	<u>Special Concern, Vulnerable</u>
(246)(272)Narthecium montanum Appalachian Yellow Asphodel;	Special Concern, Historical
(247)(273)Oenothera perennis Perennial Sundrops;	Special Concern, Vulnerable
(248)(274)Oldenlandia boscii Bosc's Bluet;	Endangered <u>Threatened</u>
(249)(275)Orbexilum macrophyllum Bigleaf Scurfpea;	Special Concern, Historical
(250)(276)Orbexilum onobrychis Lanceleaf Scurfpea;	Special Concern, Historical
(277) <u>Orbexilum pedunculatum</u> <u>Western Sampson's Snakeroot;</u>	<u>Endangered</u>
(278) <u>Oreojuncus trifidus</u> <u>Highland Rush;</u>	<u>Threatened</u>
(279) <u>Orthochilus ecristata</u> <u>Spiked Medusa;</u>	<u>Endangered</u>
(251) Oxypolis canbyi** Canby's Dropwort;	Endangered
(252)(280)Pachysandra procumbens Allegheny Spurge;	Endangered
(281) <u>Packera crawfordii</u> <u>Crawford's Ragwort;</u>	<u>Endangered</u>
(253)(282)Packera millefolium Divided-leaf <u>Blue Ridge Ragwort;</u>	Threatened <u>Special Concern, Vulnerable</u>
(254)(283)Packera paupercula var. appalachiana <u>Prairie Appalachian Ragwort;</u>	Threatened
(284) <u>Packera paupercula var. paupercula</u> <u>Balsam Ragwort;</u>	<u>Special Concern, Vulnerable</u>
(255)(285)Packera schweinitziana <u>Schweinitz's New England Ragwort;</u>	Threatened
(286) <u>Packera serpenticola</u>	<u>Threatened</u>

<u>Buck Creek Ragwort;</u>	
(256)(287)Panicum flexile	Threatened
Wiry Panic Grass;	
(257) <u>Parietaria praetermissa</u>	Special Concern, Vulnerable
Large-seed Pellitory;	
(258)(288)Parnassia caroliniana	Threatened
Carolina Grass-of-parnassus;	
(259)(289)Parnassia grandifolia	Threatened
Large-leaved Bigleaf Grass-of-parnassus;	
(260)(290)Paronychia herniarioides	Endangered
Michaux's Whitlow-wort;	
(261)(291)Paspalum dissectum	Endangered
Mudbank Crown Grass;	
(262)(292)Pedicularis lanceolata	Threatened
Swamp Lousewort;	
(263)(293)Pellaea wrightiana	Endangered
Wright's Cliff-brake;	
(264)(294)Persicaria hirsuta	Endangered
Hairy Smartweed;	
(265)(295)Phacelia maculata	Endangered
Spotted Flatrock Phacelia;	
(266)(296)Phegopteris connectilis	Endangered
Northern Beech Fern;	
(297) <u>Phemeranthus piedmontanus</u>	Endangered
<u>Piedmont Rock-pink;</u>	
(298) <u>Pinguicula lutea</u>	Special Concern, Vulnerable
<u>Yellow Butterwort;</u>	
(267)(299)Pinguicula pumila	Endangered Threatened
Small Butterwort;	
(268)(300)Pityopsis graminifolia var. graminifolia	Endangered
A Silkgrass;	
(269)(301)Plantago cordata	Endangered
Heart-leaf Plantain;	
(270)(302)Plantago sparsiflora	Threatened
Pineland Plantain;	
(303) <u>Platanthera herbiola</u>	Special Concern, Vulnerable
<u>Tubercled Rein Orchid;</u>	

(271)	Platanthera grandiflora	Threatened
	Large Purple-fringed Orchid;	
(272)(304)	Platanthera integra	Special Concern, Vulnerable Threatened
	Yellow Fringeless Orchid;	
(273)(305)	Platanthera integrilabia Platanthera integrilabia**	Special Concern, Historical Threatened
	White Fringeless Orchid;	
(274)(306)	Platanthera nivea	Threatened Endangered
	Snowy Orchid;	
(275)(307)	Platanthera peramoena	Threatened
	Purple Fringeless Orchid;	
(308)	Platanthera shriveri	Endangered
	Shriver's Purple Fringed Orchid;	
(276)(309)	Poa saltuensis	Threatened
	A Old-pasture Bluegrass;	
(277)(310)	Polemonium reptans var. reptans	Threatened
	Spreading Jacob's Ladder;	
(278)(311)	Polygala hookeri	Special Concern, Vulnerable
	Hooker's Milkwort;	
(312)	Polygala senega	Special Concern, Vulnerable
	Seneca Snakeroot;	
(279)(313)	Polygonella articulata	Special Concern, Historical
	Northern Wireweed, Coast Jointweed;	
(280)(314)	Polygonum glaucum	Endangered
	Seabeach Knotweed;	
(281)(315)	Ponthieva racemosa	Threatened
	Shadow-witch;	
(282)(316)	Portulaca smallii	Threatened
	Small's Portulaca;	
(317)	Potamogeton illinoensis	Endangered
	Illinois Pondweed;	
(318)	Primula meadia	Special Concern, Vulnerable
	Eastern Shooting-star;	
(319)	Pseudognaphalium helleri	Endangered
	Heller's Rabbit-tobacco;	
(283)	Prenanthes alba	Threatened
	White Rattlesnakeroot;	
(284)	Pteroglossaspis ecristata	Endangered

	Spiked Medusa;	
(285)	<u>(320) Ptilimnium costatum</u>	Threatened
	Ribbed Big Bishop-weed;	
(286)	Ptilimnium nodosum**	Endangered
	Harperella;	
(287)	<u>(321) Pyrola elliptica</u>	Endangered Threatened
	Elliptic Shinleaf;	
(322)	<u>Pyxidantha brevifolia</u>	Threatened
	Sandhills Pyxie-moss;	
(323)	<u>Quercus elliotii</u>	Endangered
	Running Oak;	
(288)	<u>(324) Quercus ilicifolia</u>	Endangered
	Bear Oak	
(325)	<u>Quercus minima</u>	Endangered
	Dwarf Live Oak;	
(289)	<u>(326) Quercus prinoides</u>	Endangered
	Dwarf Chinquapin Oak;	
(290)	<u>(327) Ranunculus ambigens</u>	Special Concern, Historical
	Water-plantain Spearwort;	
(291)	Ranunculus flabellaris	Special Concern, Historical
	Yellow Water-crowfoot;	
(292)	<u>(328) Ranunculus hederaceus</u>	Endangered Threatened
	Ivy-Buttereup; Ivy-leaved Water Crowfoot;	
(293)	<u>(329) Rhexia aristosa</u>	Special Concern, Vulnerable
	Awned Meadow-beauty;	
(294)	<u>(330) Rhodiola rosea</u>	Endangered
	Roseroot;	
(295)	<u>(331) Rhododendron prinophyllum</u>	Threatened
	Election Pink;	
(296)	<u>(332) Rhus michauxii**</u>	Endangered
	Michaux's Sumac;	
(297)	<u>(333) Rhynchospora crinipes</u>	Threatened
	Alabama Beaksedge;	
(298)	<u>(334) Rhynchospora decurrens</u>	Threatened
	Swamp Forest Beaksedge;	
(299)	<u>(335) Rhynchospora harperi</u>	Special Concern, Vulnerable
	Harper's Beaksedge;	

(300) <u>(336)</u> Rhynchospora macra Southern White Beaksedge;	Threatened
(301) <u>(337)</u> Rhynchospora microcarpa <u>Southern Beaksedge;</u>	<u>Threatened</u>
(302) <u>(338)</u> Rhynchospora odorata Fragrant Beaksedge;	Special Concern, Vulnerable
(303) <u>(339)</u> Rhynchospora pleiantha Coastal Beaksedge;	Threatened
(304) <u>(340)</u> Rhynchospora thornei Thorne's Beaksedge;	Special Concern, Vulnerable
(305) <u>(341)</u> Rhynchospora tracyi Tracy's Beaksedge;	Threatened
(306) <u>(342)</u> Rubus idaeus ssp. <u>var.</u> strigosus <u>American Red Raspberry;</u>	Threatened
(307) <u>(343)</u> Rubus repens <u>Robin Runaway;</u>	<u>Endangered</u>
(308) <u>(344)</u> Rudbeckia heliopsidis Sun-facing Coneflower;	Endangered
(309) <u>(345)</u> Ruellia ciliosa Sandhills Wild-petunia;	Threatened
(310) <u>(346)</u> Ruellia humilis Low Wild-petunia;	<u>Endangered Threatened</u>
(311) <u>(347)</u> Ruellia purshiana Pursh's Wild-petunia;	Special Concern, Vulnerable
(312) <u>(348)</u> Ruellia strepens Limestone Wild-petunia;	Endangered
(313) <u>(349)</u> Sabal palmetto <u>Cabbage Palm; Palmetto;</u>	Threatened
(314) <u>(350)</u> Sabatia kennedyana Plymouth Gentian;	Threatened
(315) <u>(351)</u> Sageretia minutiflora Small-flowered Buckthorn;	Threatened
(316) <u>(352)</u> Sagittaria chapmanii Chapman's Arrowhead;	<u>Endangered Threatened</u>
(317) <u>(353)</u> Sagittaria fasciculata** Bunched Arrowhead;	Endangered
(318) <u>(354)</u> Sagittaria isoetiformis	Threatened

Quillwort Arrowhead; (317)(355)Sagittaria macrocarpa	Threatened
Streamhead Sagittaria ; <u>Arrowhead</u> ;	
(318)(356)Sagittaria weatherbiana	Endangered
Grassleaf <u>Weatherby's</u> Arrowhead;	
(319)(357)Sarracenia jonesii**	Endangered
Mountain Sweet Pitcher Plant;	
(320)(358)Sarracenia minor <u>var. minor</u>	Endangered
Hooded Pitcher Plant;	
(321)(359)Sarracenia oreophila**	Endangered
Green Pitcher Plant;	
(360) <u>Sarracenia purpurea var. montana</u>	<u>Endangered</u>
<u>Southern Appalachian Purple Pitcher Plant;</u>	
(322)(361)Sceptridium jenmanii	Special Concern, Vulnerable
Alabama Grape-fern;	
(323)(362)Schisandra glabra	Threatened
Magnolia Vine;	
(324)(363)Schwalbea americana**	Endangered
Chaffseed;	
(325)(364)Scirpus flaccidifolius	Endangered
Reclining Bulrush;	
(326)(365)Scirpus lineatus	Threatened
Drooping Bulrush;	
(327)(366)Scleria baldwinii	Threatened
Baldwin's Nutrush;	
(367) <u>Scleria bellii</u>	<u>Endangered</u>
<u>Smooth-seeded Hairy Nutrush;</u>	
(328)(368)Scleria reticularis	Threatened <u>Special Concern, Vulnerable</u>
Netted Nutrush;	
(369) <u>Sclerolepis uniflora</u>	<u>Threatened</u>
<u>Sclerolepis;</u>	
(329)(370)Scutellaria australis	Endangered
Southern Skullcap;	
(330)(371)Scutellaria galericulata	Special Concern, Historical
Hooded Skullcap;	
(331)(372)Scutellaria leonardii	Endangered
Shale-barren Skullcap;	

(332)(373) <i>Scutellaria nervosa</i> Veined Skullcap;	Endangered
(333) <i>Ditrysinia fruticosa</i> Sebastian-bush;	Special Concern, Vulnerable
(334)(374) <i>Sedum pusillum</i> Puck's Orpine;	Endangered
(375) <i>Senecio suaveolens</i> Sweet Indian-plantain;	Endangered
(376) <i>Sesuvium maritimum</i> Slender Sea-purslane;	Endangered
(377) <i>Sesuvium portulacastrum</i> Shoreline Sea-purslane;	Endangered
(335)(378) <i>Seymeria pectinata pectinata ssp. pectinata</i> Sticky Afzelia; Comb Seymeria;	Special Concern, Historical
(336)(379) <i>Shortia galacifolia</i> var. <i>brevistyla</i> Northern Oconee Bells;	Endangered Threatened
(337)(380) <i>Shortia galacifolia</i> var. <i>galacifolia</i> Southern Oconee Bells;	Special Concern, Vulnerable
(338)(381) <i>Sideroxylon tenax</i> Tough Bumelia;	Threatened
(339)(382) <i>Silene ovata</i> Mountain Catchfly;	Special Concern, Vulnerable
(340)(383) <i>Silphium connatum</i> Virginia Cup-plant;	Special Concern, Vulnerable
(341)(384) <i>Silphium perfoliatum</i> Northern Common Cup-plant;	Threatened <u>Special Concern, Vulnerable</u>
(342)(385) <i>Sisyrinchium dichotomum</i> ** White Irisette;	Endangered
(343)(386) <i>Solidago leavenworthii</i> Leavenworth's <u>Leavenworth's</u> Goldenrod;	Threatened <u>Endangered</u>
(344)(387) <i>Solidago plumosa</i> Yadkin River Goldenrod;	Threatened
(345)(388) <i>Solidago ptarmicoides</i> Prairie Goldenrod;	Endangered
(346)(389) <i>Solidago radula</i> Western Rough Goldenrod;	Endangered
(390) <i>Solidago rigida</i> var. <i>glabrata</i>	Special Concern, Vulnerable

<u>Southeastern Bold Goldenrod:</u>	
(347)(391)Solidago rigida var. rigida	Threatened
<u>Prairie Midwestern Bold Goldenrod:</u>	
(348)(392)Solidago spithamea**	Threatened
Blue Ridge Goldenrod;	
(349)(393)Solidago tortifolia	Endangered
<u>Twisted-leaf Goldenrod; Leafy Pineywoods Goldenrod:</u>	
(394) Solidago verna	Threatened
<u>Spring-flowering Goldenrod:</u>	
(350)(395)Solidago villosicarpa	Endangered <u>Threatened</u>
<u>Coastal Carolina Maritime Goldenrod:</u>	
(351)(396)Sparganium emersum acaule	Threatened <u>Endangered</u>
Greenfruit Bur-reed;	
(352)(397)Spartina pectinata	<u>Special Concern, Vulnerable Threatened</u>
Freshwater Cordgrass;	
(353)(398)Sphagnum contortum	Threatened
Contorted Peatmoss;	
(399) Sphagnum warnstorffii	<u>Special Concern, Vulnerable</u>
<u>Fen Peatmoss:</u>	
(354)(400)Spigelia marilandica	Threatened
Pink-root;	
(355)(401)Spiraea corymbosa	Endangered
<u>Shinyleaf Meadowsweet; Rock Spiraea:</u>	
(356)(402)Spiraea virginiana**	Threatened
Virginia Spiraea;	
(357) Spiranthes eatonii	Endangered
<u>Eaton's Ladies'-tresses;</u>	
(358)(403)Spiranthes lacera var. lacera	Endangered
Northern Slender Ladies'-tresses;	
(359)(404)Spiranthes laciniata	Special Concern, Vulnerable
Lace-lip Ladies'-tresses;	
(360)(405)Spiranthes longilabris	Endangered
Giant Spiral Orchid;	
(361)(406)Spiranthes lucida	Endangered
Shining Ladies'-tresses;	
(362)(407)Spiranthes ochroleuca	Threatened
Yellow <u>Nodding</u> Ladies'-tresses;	

(363)(408)	Sporobolus heterolepis Prairie Dropseed;	Threatened
(364)(409)	Sporobolus teretifolius Wireleaf Dropseed;	Threatened <u>Endangered</u>
(365)(410)	Sporobolus virginicus Saltmarsh <u>Seashore</u> Dropseed;	Threatened
(411)	<u>Stachys appalachiana</u> Appalachian Hedge-nettle;	<u>Endangered</u>
(412)	<u>Stachys eplingii</u> Epling's Hedge-nettle;	<u>Endangered</u>
(413)	<u>Stachys matthewsii</u> Yadkin Hedge-nettle;	<u>Endangered</u>
(366)(414)	Stenanthium gramineum var. robustum Bog Featherbells;	Threatened <u>Endangered</u>
(367)(415)	Stenanthium <u>Stenanthium</u> leimanthoides Pinebarren <u>Pinebarrens</u> Death-camas;	Threatened
(368)	Streptopus amplexifolius White Mandarin;	Special Concern, Vulnerable
(369)(416)	Stylisma aquatica Water Dawnflower;	Endangered
(370)(417)	Stylisma pickeringii var. pickeringii Pickering's Dawnflower;	Special Concern, Vulnerable
(418)	<u>Symphotrichum concinnum</u> Narrow-leaved Smooth Aster;	<u>Endangered</u>
(371)(419)	Symphotrichum depauperatum Serpentine Aster;	Endangered
(372)(420)	Symphotrichum georgianum Georgia Aster;	Threatened
(373)	Symphotrichum leave var. concinnum Narrow-leaf Aster;	Threatened
(374)(421)	Symphotrichum oblongifolium <u>Eastern</u> Aromatic Aster;	Threatened
(375)(422)	Symphotrichum rhiannon Buck Creek Aster;	Threatened
(376)(423)	Synandra hispidula Synandra;	<u>Endangered</u> <u>Threatened</u>
(377)(424)	Taxus canadensis	Threatened

Canada Yew;	
(378) (425)Thalictrum cooleyi**	Endangered
Cooley's Meadowrue;	
(426) <u>Thalictrum macrostylum</u>	<u>Special Concern, Vulnerable</u>
Small-leaved Meadowrue;	
(379) (427)Thaspium pinnatifidum	Threatened <u>Endangered</u>
Mountain Thaspium;	
(380) <u>Thelypteris simulata</u>	<u>Endangered</u>
Bog Fern;	
(381) (428)Thermopsis fraxinifolia	Special Concern, Vulnerable
Ash-leaved Golden-banner;	
(382) <u>Thermopsis mollis</u>	<u>Special Concern, Vulnerable</u>
Appalachian Golden-banner;	
(383) <u>Tradescantia virginiana</u>	<u>Threatened</u>
Virginia Spiderwort;	
(429) <u>Tiedmannia [Oxypolis] canbyi**</u>	<u>Endangered</u>
Canby's Dropwort;	
(384) (430)Triantha glutinosa	Special Concern, Vulnerable
Sticky Bog Asphodel;	
(385) <u>Trichomanes boschianum</u>	<u>Endangered</u>
Appalachian Filmy-fern;	
(386) (431)Trichostema brachiatum	Endangered
Glade Bluecurls;	
(432) <u>Trichostema nesophilum</u>	<u>Special Concern, Vulnerable</u>
Dune Bluecurls;	
(387) (433)Tridens ambiguus	Endangered
Pineland Triodia;	
(388) (434)Tridens chapmanii	Threatened <u>Special Concern, Vulnerable</u>
Chapman's Redtop; <u>Triodia</u> ;	
(389) (435)Tridens strictus	Special Concern, Historical
Spike Triodia;	
(390) <u>Trientalis borealis</u>	Endangered <u>Threatened</u>
Starflower;	
(391) (436)Trifolium carolinianum	Special Concern, Historical
Carolina Clover;	
(392) (437)Trifolium reflexum	Threatened
Buffalo Clover;	

(393)(438)Trillium discolor Mottled Pale Yellow Trillium;	Threatened
(394)(439)Trillium flexipes Bent White Trillium;	Special Concern, Historical Threatened
(395)(440)Trillium pusillum var. ozarkanum Alabama Least Trillium;	Endangered
(396)(441)Trillium pusillum var. pusillum Carolina Least Trillium;	Endangered
(397)(442)Trillium pusillum var. virginianum Virginia Least Trillium;	Endangered
(443) <u>Trillium recurvatum</u> Prairie Trillium;	Threatened
(398)(444)Trillium sessile Sessile-flowered Trillium;	Threatened
(399)(445)Trillium simile Sweet White Trillium;	Threatened Special Concern, Vulnerable
(400)(446)Trisetum spicatum Soft Spike Trisetum;	Special Concern, Historical
(401)(447)Turritis glabra Tower Mustard;	Endangered
(402)(448)Urtica chamaedryoides Dwarf Stinging Nettle;	Endangered Threatened
(403)(449)Utricularia cornuta Horned Bladderwort;	Threatened
(404)(450)Utricularia geminiscapa Two-flowered Bladderwort;	Special Concern, Vulnerable
(405)(451)Utricularia minor Small Bladderwort;	Special Concern, Historical
(406)(452)Utricularia olivacea Dwarf Bladderwort;	Threatened
(407)(453)Utricularia resupinata Northeastern Bladderwort;	Endangered
(408)(454)Vaccinium macrocarpon Cranberry;	Threatened
(409) <u>Veratrum woodii</u> Ozark Bunchflower;	Threatened
(455) <u>Vandenboschia boschiana</u>	Endangered

<u>Appalachian Filmy-fern;</u>	
(410)(456) <u>Veronica americana</u> American Speedwell;	Threatened
(411) <u>Viola walteri var. appalachiensis</u> <u>Appalachian Violet;</u>	<u>Special Concern, Vulnerable</u>
(412)(457) <u>Warea cuneifolia</u> Carolina Pineland-cress;	Endangered
(413)(458) <u>Woodsia ilvensis</u> Rusty Cliff Fern;	Endangered
(414) <u>Xyris chapmanii</u> Chapman's Yellow-eyed-grass;	<u>Special Concern, Vulnerable</u>
(415)(459) <u>Xyris floridana</u> Florida Yellow-eyed-grass;	Threatened <u>Special Concern, Vulnerable</u>
(416)(460) <u>Xyris scabrifolia</u> Harper's <u>Roughleaf</u> Yellow-eyed-grass;	Special Concern, Vulnerable
(417)(461) <u>Xyris serotina</u> Acid-swamp Yellow-eyed-grass;	Threatened <u>Special Concern, Historical</u>
(418)(462) <u>Xyris stricta</u> Pineland Yellow-eyed grass;	Endangered
(419)(463) <u>Zephyranthes simpsonii</u> Rain Lily. <u>Florida Atamasco-lily.</u>	Endangered

*History Note: Authority G.S. 106-202.15;
 Eff. July 1, 1980;
 Amended Eff. December 1, 2010; August 1, 2006; March 1, 2004; July 1, 1998; April 1, 1993;
 December 1, 1992; September 1, 1991; August 1, 1990;
 Pursuant to G.S. 150B-21.3A, rule is necessary without substantive public interest Eff. March 26,
 2017.*