

**571—77.3(481B) Endangered and threatened plants.** The natural resource commission, in consultation with scientists with special knowledge and experience, determined the following plant species to be endangered or threatened in Iowa.

**77.3(1)** Endangered plant species:

<b>Common Name</b>	<b>Scientific Name</b>
Pale false foxglove	<i>Agalinis skinneriana</i>
Roundleaf serviceberry	<i>Amelanchier sanguinea</i>
Raccoon grape	<i>Ampelopsis cordata</i>
Pearly everlasting	<i>Anaphalis margaritacea</i>
Sand bluestem	<i>Andropogon hallii</i>
Round-lobed hepatica	<i>Anemone americana</i>
Carolina anemone	<i>Anemone caroliniana</i>
Bearberry	<i>Arctostaphylos uva-ursi</i>
Virginia snakeroot	<i>Aristolochia serpentaria</i>
Black chokeberry	<i>Aronia melanocarpa</i>
Fringed sagewort	<i>Artemisia frigida</i>
Mead's milkweed	<i>Asclepias meadii</i>
Showy milkweed	<i>Asclepias speciosa</i>
Green antelopehorn	<i>Asclepias viridis</i>
Wall-rue	<i>Asplenium ruta-muraria</i>
Field milkvetch	<i>Astragalus agrestis</i>
Prairie milkvetch	<i>Astragalus laxmannii</i>
Fern-leaved false foxglove	<i>Aureolaria pedicularia</i>
Water marigold	<i>Bidens beckii</i>
Matricary grape fern	<i>Botrychium matricariifolium</i>
Little grapefern	<i>Botrychium simplex</i>
Swamp moonwort	<i>Botrychium tenebrosum</i>
White-tinged sedge	<i>Carex albicans</i>
Back's sedge	<i>Carex backii</i>
Cordroot sedge	<i>Carex chordorrhiza</i>
Fringed sedge	<i>Carex crinita</i>
Raven's-foot sedge	<i>Carex crus-corvi</i>
Star sedge	<i>Carex echinata</i>
Shoreline sedge	<i>Carex hyalenolepis</i>
Hoplike sedge	<i>Carex lupuliformis</i>
Intermediate sedge	<i>Carex media</i>
Plantain-leaved sedge	<i>Carex plantaginea</i>
Drooping sedge	<i>Carex prasina</i>
Cyperus-like sedge	<i>Carex pseudocyperus</i>
Reflexed sedge	<i>Carex retroflexa</i>
Rocky Mountain sedge	<i>Carex saximontana</i>
Fireweed	<i>Chamaenerion angustifolium</i>
Pipsissewa	<i>Chimaphila umbellata</i>
Drooping woodreed	<i>Cinna latifolia</i>
Purple clematis	<i>Clematis occidentalis</i>

Blue-eyed mary	<i>Collinsia verna</i>
Spotted coralroot	<i>Corallorhiza maculata</i>
Golden corydalis	<i>Corydalis aurea</i>
Large-bracted corydalis	<i>Corydalis curvisiliqua</i>
Pale corydalis	<i>Corydalis flavula</i>
Pink corydalis	<i>Corydalis sempervirens</i>
Silky prairie-clover	<i>Dalea villosa</i>
Tree clubmoss	<i>Dendrolycopodium dendroideum</i>
Sessile-leaved tick trefoil	<i>Desmodium sessilifolium</i>
Roundleaved sundew	<i>Drosera rotundifolia</i>
Marginal shield fern	<i>Dryopteris marginalis</i>
Purple coneflower	<i>Echinacea purpurea</i>
Elliptic spikerush	<i>Eleocharis elliptica</i>
Few-flowered spikerush	<i>Eleocharis quinqueflora</i>
Wolf's spikerush	<i>Eleocharis wolfii</i>
Wiegand's wildrye	<i>Elymus wiegandii</i>
Downy willowherb	<i>Epilobium strictum</i>
Slender cottongrass	<i>Eriophorum gracile</i>
Tawny cottongrass	<i>Eriophorum virginicum</i>
Wood spurge	<i>Euphorbia commutata</i>
Forked aster	<i>Eurybia furcata</i>
Large-leaved aster	<i>Eurybia macrophylla</i>
Schreber's aster	<i>Eurybia schreberi</i>
Queen of the prairie	<i>Filipendula rubra</i>
False mermaid	<i>Floerkea proserpinacoides</i>
Rough bedstraw	<i>Galium asprellum</i>
Black Huckleberry	<i>Gaylussacia baccata</i>
Hairy goldenaster	<i>Heterotheca villosa</i>
Povertygrass	<i>Hudsonia tomentosa</i>
Rock clubmoss	<i>Huperzia porophila</i>
Canadian St. Johnswort	<i>Hypericum canadense</i>
Pinweed	<i>Hypericum gentianoides</i>
Flax-leaved aster	<i>Ionaectis linariifolia</i>
White morning-glory	<i>Ipomoea lacunosa</i>
Black-based quillwort	<i>Isoetes melanopoda</i>
Alpine rush	<i>Juncus alpinoarticulatus</i>
Edged rush	<i>Juncus marginatus</i>
Vasey's rush	<i>Juncus vaseyi</i>
Creeping juniper	<i>Juniperus horizontalis</i>
Intermediate pinweed	<i>Lechea intermedia</i>
Hairy pinweed	<i>Lechea mucronata</i>
Wild lupine	<i>Lupinus perennis</i>
Bog clubmoss	<i>Lycopodiella inundata</i>
Hairy waterclover	<i>Marsilea vestita</i>
Millet grass	<i>Milium effusum</i>

Sensitive briar	<i>Mimosa nuttallii</i>
Partridge berry	<i>Mitchella repens</i>
Naked miterwort	<i>Mitella nuda</i>
Mat muhly	<i>Muhlenbergia richardsonis</i>
Small sundrops	<i>Oenothera perennis</i>
Fragile prickly-pear	<i>Opuntia fragilis</i>
Frenchgrass	<i>Orbexilum onobrychis</i>
Clustered broomrape	<i>Orobanche fasciculata</i>
One-sided shinleaf	<i>Orthilia secunda</i>
Rough-leaved ricegrass	<i>Oryzopsis asperifolia</i>
Cinnamon fern	<i>Osmundastrum cinnamomeum</i>
Philadelphia panic grass	<i>Panicum philadelphicum</i>
Arrow arum	<i>Peltandra virginica</i>
Cobaea beardtongue	<i>Penstemon cobaea</i>
Slender beardtongue	<i>Penstemon gracilis</i>
Tube beardtongue	<i>Penstemon tubaeformis</i>
Wild dill	<i>Perideridia americana</i>
Long beechfern	<i>Phegopteris connectilis</i>
Fameflower	<i>Phemeranthus parviflorus</i>
Rough-seeded fameflower	<i>Phemeranthus rugospermus</i>
Mountain ricegrass	<i>Piptatherum pungens</i>
Wood orchid	<i>Platanthera clavellata</i>
Hooker's orchid	<i>Platanthera hookeri</i>
Green fringed orchid	<i>Platanthera lacera</i>
Eastern prairie fringed orchid	<i>Platanthera leucophaea</i>
Woodland Bluegrass	<i>Poa saltuensis</i>
Clammyweed	<i>Polansia jamesii</i>
Crossleaf milkwort	<i>Polygala cruciata</i>
Pink milkwort	<i>Polygala incarnata</i>
Purple milkwort	<i>Polygala polygama</i>
Hairy Solomon's-seal	<i>Polygonatum pubescens</i>
Jointweed	<i>Polygonella articulata</i>
White-stemmed pondweed	<i>Potamogeton praelongus</i>
Silverweed	<i>Potentilla anserina</i>
Pennsylvania cinquefoil	<i>Potentilla pensylvanica</i>
Stem flower dewberry	<i>Rubus caulifloris</i>
Washington dewberry	<i>Rubus celer</i>
Swamp dewberry	<i>Rubus hispidus</i>
Recurved blackberry	<i>Rubus recurvans</i>
New England blackberry	<i>Rubus semisetosus</i>
Bottomland dewberry	<i>Rubus serratus</i>
Uniform bristleberry	<i>Rubus uniformis</i>
Shining willow	<i>Salix lucida</i>
Smith's bulrush	<i>Schoenoplectiella smithii</i>
Downy skullcap	<i>Scutellaria incana</i>

Veined skullcap	<i>Scutellaria nervosa</i>
Wild stonecrop	<i>Sedum ternatum</i>
Meadow spikemoss	<i>Selaginella eclipses</i>
Knotweed bristlegrass	<i>Setaria parviflora</i>
Annual skeletonweed	<i>Shinneroseris rostrata</i>
Three-toothed cinquefoil	<i>Sibbaldiopsis tridentata</i>
Needle-pointed blue-eyed grass	<i>Sisyrinchium mucronatum</i>
Rough-leaved goldenrod	<i>Solidago patula</i>
Bog goldenrod	<i>Solidago uliginosa</i>
Yellow-lipped ladies-tresses	<i>Spiranthes lucida</i>
Hooded ladies-tresses	<i>Spiranthes romanzoffiana</i>
Little ladies-tresses	<i>Spiranthes tuberosa</i>
Spring ladies-tresses	<i>Spiranthes vernalis</i>
Rough-leaved hedge-nettle	<i>Stachys aspera</i>
Pickering morning-glory	<i>Stylisma pickeringii</i>
Snowberry	<i>Symphoricarpos albus</i>
Waxy meadowrue	<i>Thalictrum amphibolum</i>
Western spiderwort	<i>Tradescantia occidentalis</i>
Small bladderwort	<i>Utricularia minor</i>
Sessile-leaf bellwort	<i>Uvularia sessilifolia</i>
Low sweet blueberry	<i>Vaccinium angustifolium</i>
Velvetleaf blueberry	<i>Vaccinium myrtilloides</i>
American brookline	<i>Veronica americana</i>
Maple-leaved arrowwood	<i>Viburnum acerifolium</i>
Spurred violet	<i>Viola adunca</i>
Large-leaved violet	<i>Viola blanda</i>
Frost grape	<i>Vitis vulpina</i>
Rusty woodsia	<i>Woodsia ilvensis</i>
Oregon woodsia	<i>Woodsia oregana</i>

**77.3(2)** Threatened plant species:

<b>Common Name</b>	<b>Scientific Name</b>
Slender three-seeded mercury	<i>Acalypha gracilens</i>
Northern wild monkshood	<i>Aconitum noveboracense</i>
Round-stemmed false foxglove	<i>Agalinis gattingeri</i>
Inland serviceberry	<i>Amelanchier interior</i>
Fragrant false indigo	<i>Amorpha nana</i>
Woolly milkweed	<i>Asclepias lanuginosa</i>
Oval-leaved milkweed	<i>Asclepias ovalifolia</i>
Narrow-leaved milkweed	<i>Asclepias stenophylla</i>
Pawpaw	<i>Asimina triloba</i>
Water parsnip	<i>Berula erecta</i>
Watershield	<i>Brasenia schreberi</i>
Poppy mallow	<i>Callirhoe triangulata</i>
Water-starwort	<i>Callitriche heterophylla</i>

Low bindweed	<i>Calystegia spithamea</i>
Assiniboine sedge	<i>Carex assininboinensis</i>
Carey's sedge	<i>Carex careyana</i>
Fibrous-root sedge	<i>Carex communis</i>
Spreading sedge	<i>Carex laxiculmis</i>
Delicate sedge	<i>Carex leptalea</i>
Yellow sedge	<i>Carex lurida</i>
Sterile sedge	<i>Carex sterilis</i>
Quill sedge	<i>Carex tenera</i>
Shaved sedge	<i>Carex tonsa</i>
Wood's sedge	<i>Carex woodii</i>
Pink turtlehead	<i>Chelone obliqua</i>
Marsh cinquefoil	<i>Comarum palustre</i>
Dayflower	<i>Commelina erecta</i>
Bunchberry	<i>Cornus canadensis</i>
Fireberry hawthorn	<i>Crataegus chrysoarpa</i>
Waxy-fruited hawthorn	<i>Crataegus pruinosa</i>
Showy lady's slipper	<i>Cypripedium reginae</i>
Shrubby cinquefoil	<i>Dasiphora fruticosa</i>
Silvery spleenwort	<i>Deparia acrostichoides</i>
Northern panic-grass	<i>Dichanthelium boreale</i>
Slim-leaved panic-grass	<i>Dichanthelium linearifolium</i>
Narrow-leaved spleenwort	<i>Diplazium pynocarpon</i>
Glandular wood fern	<i>Dryopteris intermedia</i>
Oval spikerush	<i>Eleocharis ovata</i>
Woodland horsetail	<i>Equisetum sylvaticum</i>
Yellow trout lily	<i>Erythronium americanum</i>
Upland boneset	<i>Eupatorium sessilifolium</i>
Slender fimbry	<i>Fimbristylis autumnalis</i>
Blue ash	<i>Fraxinus quadrangulata</i>
Bog bedstraw	<i>Galium labradoricum</i>
Oak fern	<i>Gymnocarpium dryopteris</i>
Needle-and-thread grass	<i>Hesperostipa comata</i>
Green violet	<i>Hybanthus concolor</i>
Winterberry	<i>Ilex verticillata</i>
Twinleaf	<i>Jeffersonia diphylla</i>
Green rush	<i>Juncus greenii</i>
Dwarf dandelion	<i>Krigia virginica</i>
Prairie bush clover	<i>Lespedeza leptostachya</i>
Cleft conobea	<i>Leucospora multifida</i>
Twinflower	<i>Linnaea borealis</i>
Whiskbroom parsley	<i>Lomatium foeniculaceum</i>
Western parsley	<i>Lomatium orientale</i>
Running clubmoss	<i>Lycopodium clavatum</i>
Bunchflower	<i>Melanthium virginicum</i>

Ten-petaled blazingstar	<i>Mentzelia decapetala</i>
Bog buckbean	<i>Menyanthes trifoliata</i>
Northern lungwort	<i>Mertensia paniculata</i>
Rock sandwort	<i>Minuartia michauxii</i>
Pinesap	<i>Monotropa hypopithys</i>
Southern adder's-tongue	<i>Ophioglossum vulgatum</i>
Royal fern	<i>Osmunda regalis</i>
Purple cliffbrake	<i>Pellaea atropurpurea</i>
White beardtongue	<i>Penstemon albidus</i>
Broad beech fern	<i>Phegopteris hexagonoptera</i>
Northern bog orchid	<i>Platanthera aquilonis</i>
Western prairie fringed orchid	<i>Platanthera praeclara</i>
Purple fringed orchid	<i>Platanthera psycodes</i>
Bog bluegrass	<i>Poa paludigena</i>
Nodding rattlesnake-root	<i>Prenanthes crepidinea</i>
Canada plum	<i>Prunus nigra</i>
Sand cherry	<i>Prunus pumila</i>
Pink shinleaf	<i>Pyrola asarifolia</i>
Meadow beauty	<i>Rhexia virginica</i>
Northern currant	<i>Ribes hudsonianum</i>
Wood's rose	<i>Rosa woodsii</i>
Garden dewberry	<i>Rubus aboriginum</i>
Short-stalked dewberry	<i>Rubus curtipes</i>
Southern dewberry	<i>Rubus enslenii</i>
Iron River dewberry	<i>Rubus ferrofluvius</i>
Common dewberry	<i>Rubus flagellaris</i>
Fuller's bristly dewberry	<i>Rubus fulleri</i>
Downy dewberry	<i>Rubus satis</i>
Widgeon grass	<i>Ruppia cirrhosa</i>
Bog willow	<i>Salix pedicellaris</i>
Leathery grapefern	<i>Sceptridium multifidum</i>
Low nutrush	<i>Scleria verticillata</i>
Buffaloberry	<i>Sheperdia argentea</i>
Scarlet globemallow	<i>Sphaeralcea coccinea</i>
Rush aster	<i>Symphyotrichum boreale</i>
Large arrowgrass	<i>Triglochin maritima</i>
Small arrowgrass	<i>Triglochin palustris</i>
Black arrowwood	<i>Viburnum molle</i>
Lance-leaved violet	<i>Viola lanceolata</i>
Macloskey's violet	<i>Viola macloskeyi</i>
Kidney-leaved violet	<i>Viola renifolia</i>
Summer grape	<i>Vitis aestivalis</i>
Yellow-eyed grass	<i>Xyris torta</i>