

## Taxonomic list of Plants at Arapaho NWR

General: 390 species occurring.  
1 on the ESA: 1 Federally Endangered.

January 2002.

### Parsley Family (Apiaceae = Umbelliferae)

Sweet cicely - *Osmorhiza longistylis*  
Douglas water hemlock - *Cicuta douglasii*  
Poison-hemlock - *Conium maculatum*  
Western hemlock - *Cicuta maculata angustifolia*  
Lovage, licorice-root - *Ligusticum porteri*  
Hemlock parsley - *Conioselinum scopulorum*  
Cow parsnip - *Heracleum lanatum*

### Fern Family (Aspleniaceae)

Alpine ladyfern - *Athyrium distentifolium*

### Aster Family (Asteraceae)

Aster - *Aster campestris*  
Golden aster - *Chrysopsis horrida*  
Hairy golden aster - *Chrysopsis villosa*  
Leafy aster - *Aster foliaceus*  
Marsh aster - *Aster hesperius*  
Arrowleaf balsamroot - *Balsamorhiza sagittata*  
Heart-leaf arnica - *Arnica cordifolia*  
Leafy or meadow arnica - *Arnica chamissonis*  
Coulter's daisy - *Erigeron coulteri*  
Daisy - *Erigeron elatior*  
Daisy fleabane - *Erigeron ochroleucus scribneri*  
Spear-leaf fleabane - *Erigeron lonchophyllus*  
Subalpine daisy - *Erigeron peregrinus*  
Common dandelion - *Taraxacum officinale*  
Mountain dandelion - *Agoseris glauca glauca*  
Common pearly-everlasting - *Anaphalis margaritacea*  
Dune goldenrod - *Solidago simplex*  
Canada goldenrod - *Solidago canadensis*  
Missouri goldenrod - *Solidago missouriensis*  
Goldenweed - *Haplopappus clematis*  
Goldenweed - *Haplopappus lanceolatus*  
Arrowleaf groundsel - *Senecio triangularis*  
Groundsel - *Senecio mutabilis*  
Goundsel - *Senecio soldanella*  
Goundsel - *Senecio sphaerocephalus*  
Few-leaved groundsel, alpine meadow butterweed, - *Senecio cymbalarioides*  
Thickleaf groundzel, butterweed, ragwort - *Senecio crassultus*

Water groundzel, alkali marsh butterweed - *Senecio hydrophilus*  
Long-leaved hawksbeard - *Crepis acuminata*  
Dandelion hawksbeard - *Crepis runcinata*  
Gray horsebrush - *Tetradymia canescens*  
Mule's ears - *Wyethia amplexicaulis*  
Nothocalais - *Nothocalais nigrescens*  
Pineapple-weed - *Matricaria matricaroides*  
Field pussytoes - *Antennaria neglecta*  
Nuttall's pussytoes - *Antennaria parvifolia*  
Rosy pussytoes - *Antennaria microphylla*  
Tall pussytoes - *Antennaria anaphaloides*  
Gray rabbitbrush - *Chrysothamnus nauseosus albicaulis*  
Rubber rabbitbrush - *Chrysothamnus nauseosus nauseosus*  
Alkali Sage - *Artemisia arbuscula longiloba*  
Big sage - *Artemisia tridentata tridentata*  
Fringed sage - *Artemisia frigida*  
Low sage - *Artemisia arbuscula arbuscula*  
Mountain big sage - *Artemisia tridentata vaseyana*  
Mountain silver sage - *Artemisia cana viscidula*  
Plains sage - *Artemisia longifolia*  
Prairie sage - *Artemisia ludoviciana*  
Sage - *Artemisia tridentata rothrockii*  
Silver sage - *Artemisia cana cana*  
Western salsify - *Tragopogon dubius*  
Broom snakeweed - *Gutierrezia sarothrae*  
Orange sneezeweed - *Helenium hoopesii*  
False sunflower - *Helianthus rigidus*  
Thistle - *Cirsium canescens*  
Thistle - *Cirsium drummondii*  
Thistle - *Cirsium scopulorum*  
Thistle - *Cirsium tioganum*  
Canada thistle - *Cirsium arvense*  
Flodman's thistle - *Cirsium flodmanii*  
Star-thistle - *Centaurea cyanus*  
Wavy-leaved thistle - *Cirsium undulatum*  
Western yarrow - *Achillea millefolium*

### **Barberry Family (Berberidaceae)**

Oregon grape - *Mahonia repens*

### **Birch Family (Betulaceae)**

Mountain alder - *Alnus incana*

Bog birch - *Betula glandulosa*

### **Borage Family (Boraginaceae)**

Houndstongue - *Cynoglossum officinale*  
Bluebells - *Mertensia humilis*  
Bluebells - *Mertensia lanceolata*  
Cilate bluebells - *Mertensia ciliata*  
Small bluebells - *Mertensia longiflora*  
Forget-me-not, stickseed - *Hackelia leptophylla*  
Minors candle - *Cryptantha caespitosa*  
Stoneseed - *Lithospermum incisum*

### **Mustard Family (Brassicaceae = Cruciferae)**

American wintercress - *Barbarea orthoceras*  
Bitter cress - *Cardamine breweri*  
Large mountain bittercress - *Cardamine cordifolia cordifolia*  
Rock cress - *Arabis drummondii*  
Yellowcress - *Rorripa obtusa*  
Smallseed false flax - *Camelina microcarpa*  
Tansy mustard - *Descurainia pinnata*  
Common peppergrass - *Lepidium densiflorum*  
Shepherd's purse - *Capsella bursa-pastoris*  
Slender thelypody - *Thelypodium sagittatum*  
Spreading wallflower - *Erysimum repandum*

### **Cactus Family (Cactaceae)**

Pincushion cactus - *Coryphantha vivipara*  
Prickly pear cactus, brittle cactus - *Opuntia fragilis*  
Prickly pear cactus - *Opuntia polyacantha polyacantha*

### **Bluebell Family (Campanulaceae)**

Arctic harebell, bellflower - *Campanula uniflora*  
Bellflower, lady's thimble - *Campanula rotundifolia*

### **Caper Family (Capparaceae)**

Rocky mountain beeplant - *Cleome serrulata*

### **Honeysuckle Family (Caprifoliaceae)**

Buckbrush - *Symphoricarpos albus*  
Elderberry - *Sambucus racemosa*  
Bearberry honeysuckle - *Lonicera involucrata*  
Snowberry - *Symphoricarpos orbiculatus*  
Twinflower - *Linnaea borealis longiflora*

### **Pink Family (Caryophyllaceae)**

Catchfly - *Lychnis drummondii*  
Ballheaded sandwort - *Arenaria congesta*  
Slender sandwort - *Arenaria stricta*  
Longleaved starwort - *Stellaria longifolia*

Longstalked starwort - *Stellaria longipes*  
Whitlow wort - *Paronychia sessiliflora*

**Staff-tree Family (Celastraceae)**

Mountain lover - *Pachistima myrsinites*

**Goosefoot Family (Chenopodiaceae)**

Summer cyperus - *Kochia americana*  
Slimleaf goosefoot - *Chenopodium leptophyllum*  
White goosefoot, pigweed - *Chenopodium album*  
Greasewood - *Sarcobatus vermiculatus*  
Mat saltbush - *Atriplex gardneri*  
Winterfat - *Ceratoides lanata*

**Orpine Family (Crassulaceae)**

Rose crown - *Sedum rhodanthum*  
Stonecrop - *Sedum lanceolatum*  
Stonecrop - *Sedum stenopetalum*  
Rose crown, stonecrop - *Sedum rhodanthum*

**Cedar Family (Cupressaceae)**

Common juniper - *Juniperus communis depressa*

**Sedge Family (Cyperaceae)**

Many spiked cottongrass - *Eriophorum polystachion*  
Bulrush - *Scirpus pallidus*  
Bulrush, clubrush - *Scirpus microcarpus*  
Common spike rush - *Eleocharis palustris*  
Small spike rush - *Eleocharis parvula*  
Beaked sedge - *Carex rostrata*  
Capitate sedge - *Carex capitata*  
Dunhead sedge - *Carex phaeocephala*  
Elk sedge - *Carex geyeri*  
Hayden's sedge - *Carex ebenea*  
Narrow-leaved sedge - *Carex eleocharis*  
Nebraska sedge - *Carex nebrascensis*  
Needleleaf sedge - *Carex filifolia*  
Parry sedge - *Carex parryana*  
Sedge - *Carex kellogi*  
Shortbeaked sedge - *Carex simulata*  
Slenderbeaked sedge - *Carex athrostackya*  
Wooly sedge - *Carex lanuginosa*

**Oleaster Family (Elaeagnaceae)**

Russet buffaloberry - *Shepherdia canadensis*

### **Horsetail Family (Equisetaceae)**

- Common horsetail - *Equisetum arvense*
- Horsetail - *Equisetum laevigatum*
- Northern scouring rush - *Equisetum variegatum nelsoni*

### **Heath Family (Ericaceae)**

- Bearberry - *Arctostaphylos uva-ursi*
- Dwarf billberry - *Vaccinium caespitosum*
- Low billberry - *Vaccinium myrtilus*
- Grouse whortleberry - *Vaccinium scoparium*

### **Pea Family (Fabaceae = Leguminosae)**

- Alsike clover - *Trifolium hybridum*
- Long-stalked clover - *Trifolium longipes*
- Sweet clover - *Melilotus officinalis*
- White, dutch clover - *Trifolium repens*
- Silky crazyweed - *Oxytropis sericea sericea*
- Plains loco - *Oxytropis campestris*
- Tall locoweed - *Oxytropis lamberii*
- Big leaf lupine - *Lupinus polyphyllus humicola*
- Prairie lupine - *Lupinus lepidus utahensis*
- Silvery lupine - *Lupinus argenteus argenteus*
- Milkvetch, locoweed - *Astragalus parryi*
- Park milkvetch - *Astragalus leptaleus*
- Thistle milkvetch - *Astragalus kentrophyta*
- Silver-leaved milkvetch - *Astragalus argophyllus*
- Wooly-pod milkvetch - *Astragalus purshii*
- Plains orophaca - *Astragalus gilyiflorus*
- Yellow pea - *Thermopsis rhombifolia*
- American vetch - *Vicia americana americana*

### **Gentian Family (Gentianaceae)**

- Gentian - *Gentiana forwoodii*
- Gentian - *Gentiana parryi*
- Pleated or prairie gentian - *Gentiana affinis*
- Moss gentian - *Gentiana fremontii*
- Northern gentian - *Gentianella amarella*
- Smaller fringed gentian - *Gentiana thermalis*
- Swertia - *Swertia perennis*

### **Geranium Family (Geraniaceae)**

- Richardson's geranium - *Geranium richardsonii*

**Gooseberry Family (Grossulariaceae)**

Swamp gooseberry - *Ribes lacustre*  
Whitestem gooseberry - *Ribes inerme*

**Waterleaf Family (Hydrophyllaceae)**

North Park Phacelia - *Phacelia formosula*

**St. Johnswort Family (Hypericaceae)**

St. Johnswort - *Hypericum perforatum*

**Iris Family (Iridaceae)**

Blue-eyed grass - *Sisyrinchium idahoense occidentale*  
Blue-eyed grass - *Sisyrinchium montanum*  
Rocky mountain iris - *Iris missouriensis*

**Rush Family (Juncaceae)**

Baltic rush - *Juncus balticus*  
Dagger-leaf rush - *Juncus ensifolius*  
Field woodrush - *Luzula campestris*  
Long-styled rush - *Juncus lonistylis*  
Smallflowered woodrush - *Luzula parviflora*  
Tuberous rush - *Juncus nodosus*

**Arrowgrass Family (Juncaginaceae)**

Seaside arrowgrass - *Triglochin maritimum*  
Marsh arrowgrass - *Triglochin palustre*

**Mint Family (Lamiaceae)**

Field mint - *Mentha arvensis*  
Common hemp nettle - *Galeopsis tetrahit*  
Marsh or willoweed skullcap - *Scutellaria galericulata*

**Lily Family (Liliaceae)**

Chives - *Allium schoenoprasum*  
Cucumber root, clasping-leaved twisted stalk - *Streptopus amplexifolius*  
Panicled deathcans - *Zigadenus paniculatus*  
Fritillary - *Fritillaria atropurpurea*  
California false-hellebore - *Veratrum californicum*  
Sego lily - *Calochortus nuttallii*  
Red lily - *Lilium umbellatum*  
Onion - *Allium geeyeri*  
Starry solomon plume - *Smilacena stellata*

**Mallow Family (Malvaceae)**

Mallow - *Malva crispa*  
Checkermallow, false mallow - *Sidalcea candida*

Scarlet globemallow - *Sphaeralcea coccinea*

**Evening Primrose Family (Onagraceae)**

Fireweed, blooming sally - *Epilobium angustifolium*

Common willow herb - *Epitobium glandulosum tenue*

Willow herb - *Epilobium glaberrimum fastigiatum*

Racemed ground smoke - *Gayophytum racemosum*

**Orchid Family (Orchidaceae)**

Leafy white orchid - *Habenaria dilatata*

Giant, western rattlesnake plantain - *Goodyera oblongifolia*

**Pine Family (Pinaceae)**

Douglas fir - *Pseudotsuga menziesii*

Subalpine fir - *Abies lasiocarpa*

White fir - *Abies concolor*

Limberpine - *Pinus flexilis*

Lodgepole pine - *Pinus contorta latifolia*

Blue spruce - *Picea pungens*

Engleman spruce - *Picea engelmannii*

**Plantain Family (Plantaginaceae)**

Nippleseed plantain - *Plantago major*

**Grass Family (Poaceae = Gramineae)**

Nuttall alkaligrass - *Puccinellia airoides*

Foxtail barley - *Hordeum jubatum*

Meadow barley - *Hordeum brachyantherum*

Thurber bentgrass - *Agrostis thurburiana*

Winter bentgrass - *Agrostis scabra*

Alkali bluegrass - *Poa juncifolia*

Big bluegrass - *Poa ampla*

Bog bluegrass - *Poa leptocoma*

Canada bluegrass - *Poa compressa*

Canby bluegrass - *Poa canbyi*

Cusick bluegrass - *Poa cusickii*

Kentucky bluegrass - *Poa pratensis*

Nevada bluegrass - *Poa nevadensis*

Sandberg bluegrass - *Poa secunda*

Wheeler bluegrass - *Poa nervosa*

Cheatgrass, downy brome - *Bromus tectorum*

Fringed brome - *Bromus ciliatus*

Mountain brome - *Bromus marginatus*

Nodding brome - *Bromus anomalus*

Smooth brome - *Bromus inermis*

Arizona fescue - *Festuca arizonica*

Idaho fescue - *Festuca idahoensis*  
Sheep fescue - *Festuca ovina*  
Thurber fescue - *Festuca thurberi*  
Fowl grass - *Poa palustris*  
Meadow foxtail - *Alopecurus pratensis*  
Blue grama - *Bouteloua gracilis*  
Hairy grama - *Bouteloua hirsuta*  
Tufted hairgrass - *Deschampsia cespitosa cespitosa*  
Junegrass - *Koeleria pyramidata*  
Mannagrass - *Glyceria borealis*  
Mat muhly - *Muhlenbergia richardsonis*  
Minute muhly - *Muhlenbergia minutissima*  
Mountain muhly - *Muhlenbergia montana*  
Mutton grass - *Poa fendleriana*  
Needle and thread - *Stipa comata*  
Columbia needlegrass - *Stipa columbiana*  
Green needlegrass - *Stipa viridula*  
Letterman's needlegrass - *Stipa lettermanii*  
Pine needlegrass - *Stipa pinetorum*  
Parry oatgrass - *Danthonia patryi*  
Oniongrass - *Melica bulbosa*  
Purple oniongrass - *Melica spectabilis*  
Orchardgrass - *Dactylis glomerata*  
Redtop - *Agrostis alba*  
Common reed - *Phragmites australis*  
Reed canary grass - *Phalaris arundinacea*  
Bluejoint reedgrass - *Calamagrostis canadensis*  
Narrow spiked reedgrass - *Calamagrostis inexpansa inexpansa*  
Plains reedgrass - *Calamagrostis montanensis*  
Indian ricegrass - *Oryzopsis hymenoides*  
Blue wild rye - *Elymus glaucus*  
Saltgrass - *Distichlis stricta*  
Prairie sandreed - *Calamovilfa longifolia*  
Scratchgrass - *Muhlenbergia asperifolia*  
Sleepy grass - *Stipa robusta*  
Sloughgrass - *Beckmannia syzgachne*  
Bottlebrush squirrel tail - *Sitanion hystrix*  
Timothy - *Phleum pratense*  
Spike trisetum downy oatgrass, - *Trisetum spicatum*  
Sweetgrass - *Hierochloa odorata*  
Baker's wheatgrass - *Agropyron bakeri*  
Bearded wheatgrass - *Agropyron subsecundum*  
Bluebunch wheatgrass - *Agropyron spicatum*  
Crested wheatgrass - *Agropyron cristatum cristatum*  
Elongate wheatgrass - *Agropyron elongatum*  
Intermediate wheatgrass - *Agropyron intermedium*



Slender wheatgrass - *Agropyron trachycaulum*  
Streambank wheatgrass - *Agropyron riparium*  
Thickspiked wheatgrass - *Agropyron dasystachyum*  
Western wheatgrass - *Agropyron smithii*  
Brookgrass, water whorlwort - *Catabrosa aquatica*

### **Phlox Family (Polemoniaceae)**

Narrow-leaf collomia - *Collomia linearis*  
Scarlet gilia - *Gilia agregata*  
Hood's phlox - *Phlox hoodii*  
Long leaf phlox - *Phlox longifolia*  
Phlox - *Phlox multiflora*  
Prickly-leaved phlox - *Phlox aculeata*  
Skunk or sticky polemonium - *Polemonium viscosum*

### **Buckwheat Family (Polygonaceae)**

American bistort - *Polygonum bistortoides*  
Sulphur buckwheat - *Eriogonum umbellatum dichrocephalum*  
Wild buckwheat - *Eriogonum jamesii flavescens*  
Curly dock - *Rumex crispus*  
Heartweed, spotted ladythumb - *Polygonum persicaria*  
Douglas' knotweed - *Polygonum douglasii*

### **Purslane Family (Portulacaceae)**

Least, dwarf, alpine lewisia - *Lewisia pygmaea*  
Spring beauty - *Claytonia lanceolata lanceolata*

### **Primrose Family (Primulaceae)**

Fairy candleabra, rock jasmine - *Androsace septentrionalis*  
Few flowered or dark throat shooting star - *Dodecatheon pulchellum*

### **Wintergreen Family (Pyrolaceae)**

Alpine pyrola - *Pyrola asarifolia*

### **Buttercup Family (Ranunculaceae)**

Cliff anemone - *Anemone globosa*  
Baneberry - *Actaea rubra*  
Buttercup - *Ranunculus alismifolius*  
Macoun's buttercup - *Ranunculus macounii*  
Sagebrush buttercup - *Ranunculus glaberrimus ellipticus*  
Sharp buttercup - *Ranunculus acrifolius acrifolius*  
Columbine - *Aquilegia coerulea*  
Globeflower - *Trollius laxus*  
Larkspur - *Delphinium barbeyi*  
Little larkspur - *Delphinium bicolor*  
Slim or dwarf larkspur - *Delphinium depauperatum*

Tall larkspur - *Delphinium occidentale*  
Marsh marigold - *Caltha leptosepala*  
Veiny meadowrue - *Thalictrum venulosum*  
Monkshood - *Aconitum columbianum*  
Pasqueflower - *Anemone patens multifida*

### **Buckthorn Family (Rhamnaceae)**

Buckbrush - *Ceanothus velutinus*

### **Rose Family (Rosaceae)**

Largeleaved avens - *Geum macrophyllum*  
Bitterbrush - *Purshia tridentata*  
Blackberry - *Rubus idaeus peramoenus*  
Chokecherry - *Prunus virginiana*  
Biennial cinquefoil - *Potentilla biennis*  
Cinquefoil - *Potentilla diversifolia*  
Cinquefoil - *Potentilla gracilis elmeri*  
Cinquefoil - *Potentilla pucherrima*  
Early cinquefoil - *Potentilla concinna*  
Prairie cinquefoil - *Potentilla pensylvanica*  
Shrubby cinquefoil, yellow rose - *Potentilla fruticosa*  
Prairie smoke - *Geum triflorum*  
Woods rose - *Rosa woodsii*  
Common silverweed - *Potentilla anserina*  
Serviceberry - *Amelanchier alnifolia*  
Strawberry - *Fragaria virginiana*

### **Madder Family (Rubiaceae)**

Northern bedstraw - *Galium boreale*  
Small bedstraw - *Galium trifidum*

### **Willow Family (Salicaceae)**

Quaking aspen - *Populus tremuloides*  
Narrowleaf cottonwood - *Populus angustifolia*  
Booth's willow - *Salix boothii*  
Coyote willow - *Salix exigua melanopsis*  
Drummond's willow - *Salix drummondiana*  
Greyer's willow - *Salix geyeriana*  
Mountain willow - *Salix monticola*  
Planeleaf willow - *Salix planifolia planifolia*  
Planeleaf willow - *Salix planifolia monica*  
Scouler's willow - *Salix scouleriana*  
Whiplash willow - *Salix lasiandra caudata*  
Wolf's willow - *Salix wolfii*

### **Sandalwood Family (Santalaceae)**

Bastard toadflax - *Comandra umbellata pallida*

**Saxifrage Family (Saxifragaceae)**

Alumroot - *Heuchera bracteata*

Alumroot - *Heuchera hallii*

Alumroot - *Heuchera parvifolia*

Slender fringe cup, woodlandstar - *Lithophragma tenellum*

Brook saxifrage - *Saxifraga arguta*

**Figwort Family (Scrophulariaceae)**

Beardtongue - *Penstemon alpinus*

Beardtongue - *Penstemon cyathophorus*

Beardtongue - *Penstemon glaber*

Beardtongue - *Penstemon saxosorum*

American brooklime - *Veronica americana*

Yellow owl clover - *Orthocarpus luteus*

Elephant's head - *Pedicularis groenlandica*

Bracted lousewort - *Pedicularis bracteosa*

Leafy lousewort - *Pedicularis racemosa alba*

Lousewort - *Pedicularis crenulata*

Lousewort - *Pedicularis scopulorum*

Yellow monkey-flower - *Mimulus guttatus*

Desert paintbrush - *Castilleja chromosa*

Indian paintbrush - *Castilleja angustifolium chromosa*

Indian paintbrush - *Castilleja angustifolium puberula*

Yellow paintbrush - *Castilleja flava*

Yellow paintbrush - *Castilleja puberula*

Slender penstemon - *Penstemon gracilis*

Small-flowered penstemon - *Penstemon procerus*

Whipple's penstemon - *Penstemon whippleanus*

Speedwell - *Veronica arvensis*

Yellow toadflax - *Linaria vulgaris*

**Spike Moss Family (Selaginellaceae)**

Spike moss - *Selaginella densa*

**Cattail Family (Typhaceae)**

Common Cattail - *Typha latifolia*

**Nettle Family (Urticaceae)**

Stinging nettle - *Urtica dioica*

**Valerian Family (Valerianaceae)**

Valerian - *Valeriana occidentalis*

**Violet Family (Violaceae)**

Violet - *Viola canadensis*

Violet - *Viola nuttallii*