

STEWART MEADOWS PLANT SPECIES LIST

Prepared by Jim McGrath, Field Botanist, 20 Robin Ct., Edgewood, New Mexico, August 30, 2008.

The majority of the recorded plant species were recorded during the summer and autumn of 2006 as part of a botanical inventory at Stewart Meadows.

A * to the left of a scientific name indicates a non-native species. A *(?) to the left of the scientific name indicates a species whose non-native status is uncertain. A (??) to the right of the scientific name indicates an educated guess as to the identity of a species.

Such species need to be re-collected when flowers and/or fruits are available. SY indicates a scientific name by which a species was known prior to a recent name change.

Nomenclature mostly follows Allred (2004). Non-native status was primarily derived from Allred (2004) and Cox (2001).

SPECIES

COMMON NAME

AQUATICS

<i>Callitriche hermaphroditica</i>	Dark water starwort
<i>Callitriche palustris</i>	Water starwort
<i>Potamogeton gramineus</i>	Variableleaf pondweed
<i>Ranunculus aquatilis</i> var. <i>diffusus</i>	Water crow-foot

TREES

<i>Alnus incana</i> ssp. <i>tenuifolia</i>	Thinleaf alder
<i>Juniperus scopulorum</i>	Rocky Mountain juniper
<i>Picea engelmannii</i>	Engelmann spruce
<i>Populus angustifolia</i>	Narrowleaf cottonwood
<i>Populus tremuloides</i>	Quaking aspen
<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	Douglas fir
<i>Salix bebbiana</i>	Bebb willow
<i>Salix lucida</i> ssp. <i>caudata</i>	Shining willow

SHRUBS

<i>Artemisia nova</i>	Black sagebrush
<i>Berberis fendleri</i>	Fendler barberry
<i>Betula occidentalis</i>	Water birch
<i>Chrysothamnus viscidiflorus</i> ssp. <i>lanceolatus</i>	Twistleaf rabbitbrush
<i>Cornus sericea</i> ssp. <i>sericea</i>	Red-osier dogwood
<i>Ericameria nauseosa</i>	Pungent rabbitbrush
var. <i>graveolens/oreophila</i>	
<i>Ericameria parryi</i> var. <i>parryi</i>	Parry rabbitbrush
<i>Pentaphylloides fruticosa</i>	Shrubby cinquefoil
<i>Prunus virginiana</i>	Chokecherry
<i>Ribes cereum</i>	Wax currant
<i>Ribes inerme</i>	White-stem gooseberry
<i>Ribes leptanthum</i>	Trumpet gooseberry
<i>Rosa nutkana</i> var. <i>hispida</i>	Nootka rose

Rosa woodsii var. *ultramontana*
Salix bebbiana
Salix boothii
Salix drummondiana
Salix exigua
Salix lucida ssp. *caudata*
Sambucus racemosa var. *microbotrys*
Symphoricarpos rotundifolius
Tetradymia canescens

Wood's rose
 Bebb willow
 Booth's willow
 Drummond willow
 Coyote willow
 Shining willow
 Red elderberry
 Roundleaf snowberry
 Horsebrush

SUBSHRUBS AND CACTI

Artemisia frigida
Chrysothamnus vaseyi
Eriogonum microthecum var. *simpsonii*
Gutierrezia sarothrae
Linanthus pungens
Opuntia polyacantha

Fringed sage
 Vasey's rabbitbrush
 Simpson's wild buckwheat
 Broom snakeweed
 Prickly phlox
 Starvation prickly pear

GRAMINOIDS

Achnatherum hymenoides
Achnatherum lettermanii
 **Agropyron cristatum*
 **Agrostis gigantea*
Agrostis scabra
 **Agrostis stolonifera*
Alopecurus aequalis
Beckmannia syzigachne ssp. *baicalensis*
Blepharoneuron tricholepis
Bouteloua gracilis
Bouteloua simplex
Bromus anomalus
Bromus inermis
Bromus porteri
Calamagrostis canadensis
Calamagrostis stricta ssp. *inexpansa*
Carex aquatilis var. *aquatilis*
Carex atherodes
Carex athrostachya
Carex douglasii
Carex geophila
Carex inops ssp. *heliophila*
Carex pellita
 (SY= *Carex lanuginosa*)
Carex praegracilis
Carex utriculata
Carex sp. (*Ovales*)

Indian ricegrass
 Letterman's needlegrass
 Crested wheatgrass
 Redtop
 Rough bentgrass
 Creeping bentgrass
 Short-awn foxtail
 American sloughgrass
 Pine dropseed
 Blue grama
 Mat grama
 Nodding brome
 Smooth brome
 Porter brome
 Canada reedgrass
 Slender reedgrass
 Water sedge
 Slough sedge
 Slenderbeak sedge
 Douglas sedge
 White Mountain sedge
 Sun-loving sedge
 Woolly sedge
 Black creeper
 Beaked sedge
 Sedge

<i>Danthonia parryi</i>	Parry oatgrass
<i>Eleocharis acicularis</i>	Needle spikerush
<i>Eleocharis macrostachya</i>	Streamside spikerush
<i>Eleocharis palustris</i>	Marsh spikerush
<i>Elymus canadensis</i>	Canada wild rye
* <i>Elymus hispidus</i> ssp. <i>hispidus</i>	Intermediate wheatgrass
<i>Elymus lanceolatus</i> – <i>riparius</i> phase	Streamside wheatgrass
<i>Elymus longifolius</i>	Bottlebrush squirreltail
* <i>Elymus repens</i>	Quackgrass
<i>Elymus smithii</i> - <i>molle</i> phase	Western wheatgrass
<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	Slender wheatgrass
<i>Elymus trachycaulus</i> ssp. <i>violaceus</i>	Purple wheatgrass
<i>Elymus trachycaulus</i> x <i>Hordeum jubatum</i>	Foxtail wheatgrass - hybrid
<i>Equisetum arvense</i>	Field horsetail
<i>Equisetum laevigatum</i>	Smooth scouring rush
<i>Festuca arizonica</i>	Arizona fescue
<i>Glyceria borealis</i>	Northern mannagrass
<i>Glyceria grandis</i>	American mannagrass
<i>Hesperostipa comata</i> ssp. <i>intermedia</i>	Needle-and-thread
<i>Hordeum brachyantherum</i>	Meadow barley
<i>Hordeum jubatum</i>	Foxtail barley
<i>Juncus arcticus</i> var. <i>balticus</i>	Baltic rush
<i>Juncus bufonius</i>	Toad rush
<i>Juncus longistylis</i>	Longstyle rush
<i>Juncus mertensianus</i>	Merten's rush
<i>Juncus nevadensis</i>	Nevada rush
<i>Juncus nodosus</i>	Knotted rush
<i>Koeleria macrantha</i>	Junegrass
<i>Muhlenbergia asperifolia</i>	Scratchgrass
<i>Muhlenbergia filiculmis</i>	Slimstem muhly
<i>Muhlenbergia minutissima</i>	Least muhly
<i>Muhlenbergia montana</i>	Mountain muhly
<i>Muhlenbergia richardsonis</i>	Mat muhly
<i>Muhlenbergia wrightii</i>	Spike muhly
* <i>Phleum pratense</i>	Timothy
* <i>Poa compressa</i>	Canada bluegrass
<i>Poa interior</i>	Inland bluegrass
<i>Poa palustris</i>	Fowl bluegrass
* <i>Poa pratensis</i>	Kentucky bluegrass
<i>Scirpus microcarpus</i>	Red-sheath bulrush
<i>Sporobolus contractus</i> (??)	Spike dropseed
<i>Typha latifolia</i>	Broadleaf cattail

FORBS

<i>Achillea millefolium</i>	Common yarrow
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<i>Agoseris glauca</i> var. <i>glauca</i>	Pale false dandelion
<i>Allium cernuum</i>	Nodding wild onion
<i>Allium geeyeri</i> var. <i>geeyeri</i>	Geyer's onion
<i>Allium geeyeri</i> var. <i>tenerum</i>	Bulbil onion
<i>Amaranthus powellii</i>	Green amaranth
<i>Amauriopsis dissecta</i>	Ragged-leaf bahia;
(SY= <i>Bahia dissecta</i>)	
<i>Antennaria microphylla</i>	Floodplain pussytoes
<i>Antennaria</i> sp.	Pussytoes
<i>Apocynum</i> sp.	Dogbane
<i>Arnica chamissonis</i>	Leafy arnica
* <i>Artemisia biennis</i>	Biennial wormwood
<i>Artemisia campestris</i> ssp. <i>pacifica</i>	Western sagewort
<i>Artemisia carruthii</i>	Carruth's sagewort
<i>Artemisia dracunculus</i>	Tarragon
<i>Artemisia ludoviciana</i> ssp. <i>ludoviciana</i>	Silver wormwood
<i>Astragalus agrestis</i>	Field milkvetch
<i>Astragalus drummondii</i>	Drummond milkvetch
<i>Astragalus hallii</i> var. <i>hallii</i>	Hall's milkvetch
<i>Astragalus</i> sp.	Milkvetch
<i>Boechera divaricarpa</i>	Spreading rock-cress
<i>Boechera drummondii</i>	Drummond rock-cress
<i>Calochortus gunnisonii</i> var. <i>gunnisonii</i>	Gunnison's mariposa lily
<i>Campanula parryi</i>	Parry bellflower
<i>Castilleja integra</i>	Southwestern Indian paintbrush
<i>Castilleja sulphurea</i>	Yellow paintbrush
<i>Chamaesyce serpyllifolia</i>	Thymeleaf sandmat
<i>Chenopodium atrovirens</i>	Mountain goosefoot
<i>Chenopodium berlandieri</i> var. <i>zschackei</i>	Pitseed goosefoot
<i>Chenopodium fremontii</i>	Fremont goosefoot
<i>Chenopodium hians</i>	Hians goosefoot
<i>Chenopodium leptophyllum</i>	Narrowleaf goosefoot
* <i>Cirsium arvense</i>	Canada thistle
<i>Cirsium parryi</i>	Parry's thistle
<i>Cirsium scariosum</i> var. <i>coloradoense</i>	Meadow thistle
* <i>Cirsium vulgare</i>	Bull thistle
<i>Clematis hirsutissima</i> var. <i>hirsutissima</i>	Sugarbowl
<i>Comandra umbellata</i> ssp. <i>pallida</i>	Bastard toadflax
<i>Cryptantha</i> sp.	Hiddenflower
<i>Cyclachaena xanthifolia</i>	Marsh elder
(SY= <i>Iva xanthifolia</i>)	
<i>Descurainia incisa</i> ssp. <i>incisa</i>	Tansy mustard
* <i>Descurainia sophia</i>	Flixweed
<i>Dieteria bigelovii</i> var. <i>bigelovii</i>	Bigelow's aster
(SY= <i>Machaeranthera bigelovii</i>)	
<i>Dieteria canescens</i> var. <i>aristata</i>	Hoary tansy aster

(SY= <i>Machaeranthera canescens</i> var. <i>aristata</i>)	Dragonhead
<i>Dracocephalum parviflorum</i>	Fetid goosefoot
<i>Dysphania graveolens</i> (SY = <i>Chenopodium graveolens</i>)	Annual willow-herb
<i>Epilobium brachycarpum</i>	Fringed willow-herb
<i>Epilobium ciliatum</i>	Fendler sandwort
<i>Eremogone fendleri</i> (SY= <i>Arenaria fendleri</i>)	Spreading fleabane
<i>Erigeron divergens</i>	Whiplash fleabane
<i>Erigeron flagellaris</i>	Beautiful fleabane
<i>Erigeron formosissimus</i> var. <i>formosissimus</i>	Beautiful fleabane
<i>Erigeron formosissimus</i> var. <i>viscidus</i>	Beautiful fleabane
<i>Erigeron vetensis</i>	Blue-top fleabane
<i>Eriogonum jamesii</i> var. <i>jamesii</i>	Antelope sage
<i>Eriogonum racemosum</i>	Redroot wild buckwheat
<i>Erysimum capitatum</i>	Western wallflower
<i>Erysimum inconspicuum</i>	Shy wallflower
<i>Fragaria vesca</i>	Woodland strawberry
<i>Galium boreale</i>	Northern bedstraw
<i>Gentiana affinis</i>	Rocky Mountain gentian
<i>Geranium caespitosum</i>	Purple geranium
<i>Gnaphalium exilifolium</i>	Slender cudweed
*(?) <i>Gnaphalium uliginosum</i>	Marsh cudweed
<i>Grindelia hirsutula</i>	Sharptooth gumweed
<i>Helianthus annuus</i>	Common sunflower
<i>Heliomeris multiflora</i> var. <i>nevadensis</i>	Showy goldeneye
<i>Heracleum maximum</i>	Cow parsnip
<i>Heterotheca villosa</i>	Hairy golden aster
<i>Hymenoxys richardsonii</i>	Pinque rubberweed
<i>Iris missouriensis</i>	Rocky Mountain Iris
<i>Ipomopsis aggregata</i> ssp. <i>formosissima</i>	Scarlet skyrocket
* <i>Kochia scoparia</i>	Kochia
<i>Lappula occidentalis</i> var. <i>occidentalis</i>	Spiny sheepbur
<i>Lepidium densiflorum</i> var. <i>ramosum</i>	Miner's pepperweed
<i>Lepidium ramosissimum</i>	Branched pepperweed
<i>Lepidium virginicum</i> var. <i>pubescens</i>	Poor-man's pepperweed
<i>Limosella aquatica</i>	Mudwort
* <i>Linaria vulgaris</i>	Yellow toadflax
<i>Linum lewisii</i>	Wild blue flax
<i>Lupinus argenteus</i> var. <i>fulvomaculatus</i>	Brown-spot lupine
<i>Lupinus argenteus</i> var. <i>hillii</i>	Hill's lupine
<i>Lupinus argenteus</i> var. <i>myrianthus</i>	Little blue-flower lupine
<i>Lupinus sericeus</i>	Silky lupine
<i>Madia glomerata</i>	Mountain tarplant
* <i>Medicago lupulina</i>	Black medick

* <i>Medicago sativa</i>	Alfalfa
* <i>Melilotus officinalis</i>	Yellow sweetclover
<i>Mentha arvensis</i>	Field mint
<i>Mertensia franciscana</i>	Franciscan bluebells
<i>Mirabilis linearis</i> var. <i>linearis</i>	Ribbon four o'clock
<i>Oenothera coronopifolia</i>	Hairy-throat evening primrose
<i>Oenothera flava</i> ssp. <i>flava</i>	Long-tube evening primrose
<i>Oenothera</i> sp.	Evening primrose
<i>Orthocarpus luteus</i>	Yellow owl clover
<i>Oxytropis sericea</i>	White crazyweed
<i>Penstemon crandallii</i> ssp. <i>glabrescens</i>	Crandall penstemon
<i>Penstemon griffinii</i>	Griffin's beardtongue
<i>Penstemon rydbergii</i>	Rydberg penstemon
<i>Penstemon strictiformis</i>	Stiff penstemon
<i>Penstemon strictus</i>	Purple mountain penstemon
<i>Penstemon virgatus</i> subsp. <i>virgatus</i>	Wandbloom penstemon
<i>Persicaria amphibia</i> (SY= <i>Polygonum amphibium</i>)	Water smartweed
* <i>Persicaria lapathifolia</i> (SY= <i>Polygonum lapathifolium</i>)	Willow weed
<i>Petradoria pumila</i> var. <i>pumila</i>	Rock goldenrod
<i>Plagiobothrys scouleri</i> var. <i>hispidulus</i>	Scouler's popcorn flower
* <i>Plantago major</i>	Broadleaf plantain
<i>Polemonium foliosissimum</i>	Jacob's ladder
* <i>Polygonum aviculare</i> ssp. <i>neglectum</i>	Narrowleaf knotweed
<i>Polygonum</i> sp.	Knotweed
* <i>Portulaca oleracea</i>	Common purslane
<i>Potentilla anserina</i>	Silverweed
<i>Potentilla hippiana</i>	Woolly cinquefoil
<i>Potentilla norvegica</i>	Norway cinquefoil
<i>Potentilla pensylvanica</i>	Pennsylvania cinquefoil
<i>Pyrrocoma crocea</i> var. <i>crocea</i>	Orange skyflower
<i>Ranunculus cardiophyllus</i>	Heartleaf buttercup
<i>Ranunculus cymbalaria</i>	Alkali buttercup
<i>Ranunculus macounii</i>	Macoun's buttercup
<i>Rorippa curvipes</i> var. <i>curvipes</i>	Bluntleaf yellowcress
<i>Rorippa sinuata</i>	Spreading yellowcress
<i>Rumex fueginus</i>	Golden dock
<i>Rumex triangulivalvis</i>	White willow dock
<i>Rudbeckia hirta</i> var. <i>pulcherrima</i>	Black-eyed Susan
<i>Rudbeckia laciniata</i> var. <i>ampla</i>	Rocky Mountain cutleaf coneflower
* <i>Salsola tragus</i>	Tumbleweed
<i>Saxifraga odontoloma</i>	Brook saxifrage
<i>Scrophularia lanceolata</i>	Lance-leaf figwort
<i>Senecio bigelovii</i> var. <i>hallii</i>	Nodding groundsel
<i>Senecio eremophilus</i> var. <i>kingii</i>	King's groundsel

<i>Sidalcea neomexicana</i>	New Mexico checkermallow
<i>Solidago altissima</i> ssp. <i>altissima</i>	Tall goldenrod
<i>Stachys pilosa</i> var. <i>pilosa</i>	Hairy marsh hedge nettle
<i>Symphotrichum ascendens</i> (SY= <i>Aster ascendens</i>)	Western aster
<i>Symphotrichum lanceolatum</i> var. <i>hesperium</i> (SY= <i>Aster hesperius</i>)	Wooton's marsh aster
<i>Synthyris plantaginea</i> (SY= <i>Besseyia plantaginea</i>)	Rocky Mountain kitten's tail
* <i>Taraxacum officinale</i>	Common dandelion
<i>Thalictrum</i> sp.	Meadow rue
<i>Thermopsis rhombifolia</i> var. <i>montana</i>	Golden pea
* <i>Tragopogon dubius</i>	Yellow salsify
* <i>Trifolium hybridum</i>	Alsike clover
<i>Trifolium longipes</i> var. <i>reflexum</i>	Long-stalk clover
* <i>Trifolium repens</i>	White clover
<i>Urtica dioica</i> ssp. <i>gracilis</i>	Stinging nettle
<i>Valeriana edulis</i>	Tobacco root
* <i>Verbascum thapsus</i>	Common mullein
<i>Veronica peregrina</i> var. <i>xalapensis</i>	Hairy purslane speedwell
<i>Vicia americana</i>	American vetch

TOTAL: 4 aquatics, 8 trees, 22 shrubs, 5 subshrubs, 1 cactus, 44 grasses (41 actual species), 10 sedges, 6 rushes, 7 other graminoids plus 148 forbs (141 identified to species) = 253 taxa (241 taxa identified to species).

LITERATURE CITED

- Allred, K.W. 2004. A Working Index of New Mexico Vascular Plant Names. Interim draft version dated September 21, 2004. Range Science Herbarium, Dept. of Animal & Range Sciences, New Mexico State University, Las Cruces, NM.
- Cox, G. W. 2001. An Inventory and Analysis of the Alien Plant Flora of New Mexico. *New Mexico Botanist* 17: 1-7 (January 16, 2001).