

FLORA OF STEWART MEADOWS  
Carson National Forest  
Rio Arriba County, New Mexico

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During the summer and fall of 2006 a botanical inventory was conducted at Stewart Meadows in Carson National Forest in Rio Arriba County, New Mexico. Stewart Meadows is a broad, grassy floodplain of the Rio San Antonio 2 miles west of the base of San Antonio Mountain. The site is bounded on the south and west by Forest Road 87. The steep slopes of a mesa rising above the floodplain forms the north boundary of Stewart Meadows. A very narrow canyon of the Rio San Antonio marks the east end of the site. The site is located in sections 4-9, T30N, R8E. The project area measures 333.4 acres. The site is about 18 miles north and west of Tres Piedras, New Mexico as traveled by vehicle. Elevation ranges from 8780 to 8880 feet.

Additional species have been added to the list following visits  
An \* to the left of a scientific name indicates a non-native species.

Botanical nomenclature generally follows Allred (2004, 2007). However, nomenclature for species in the aster family (*Asteraceae*), the buckwheat family (*Polygonaceae*) and the pink family (*Caryophyllaceae*) follow the more recently published Flora of North America Volumes 5, 19, 20 and 21 (Flora of North America Editorial Committee, ed. 1993-2006+). Common names are sometimes invented by the author.

SPECIES	COMMON NAME
<b>AQUATICS</b>	
<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
<b>TREES</b>	
<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
<b>SHRUBS</b>	
<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

*Prunus virginiana*  
*Ribes cereum*  
*Ribes inerme*  
*Ribes leptanthum*  
*Rosa nutkana* var. *hispid*  
*Rosa woodsii* var. *ultramontana*  
*Salix bebbiana*  
*Salix boothii*  
*Salix drummondiana*  
*Salix exigua*  
*Salix lucida* ssp. *caudata*  
*Sambucus racemosa* var. *microbotrys*  
*Symphoricarpos rotundifolius*  
*Tetradymia canescens*

Chokecherry  
Wax currant  
White-stem gooseberry  
Trumpet gooseberry  
Nootka rose  
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*  
*Carex prae-gracilis*  
*Carex utriculata*  
*Carex* sp. (*Ovales*)  
*Danthonia parryi*  
*Eleocharis acicularis*  
*Eleocharis macrostachya*  
*Eleocharis palustris*  
*Elymus canadensis*  
\**Elymus hispidus* ssp. *hispidus*

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  
Parry oatgrass  
Needle spikerush  
Streamside spikerush  
Marsh spikerush  
Canada wild rye  
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>Psathyrostachys juncea</i>	Russian wild rye
<i>Scirpus microcarpus</i>	Red-sheath bulrush
<i>Typha latifolia</i>	Broadleaf cattail

## FORBS

<i>Achillea millefolium</i>	Common yarrow
<i>Agoseris glauca</i> var. <i>glauca</i>	Pale false dandelion
<i>Allium cernuum</i>	Nodding wild onion
<i>Allium geyeri</i> var. <i>geyeri</i>	Geyer's onion
<i>Allium geyeri</i> var. <i>tenerum</i>	Bulbil onion
<i>Amaranthus powellii</i>	Green amaranth
<i>Amauriopsis dissecta</i>	Ragged-leaf bahia;
<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>Boechea divaricarpa</i>	Spreading rock-cress
<i>Boechea drummondii</i>	Drummond rock-cress
<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 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>	Sugarbowls
<i>Comandra umbellata</i> ssp. <i>pallida</i>	Bastard toadflax
<i>Cryptantha</i> sp.	Hiddenflower
<i>Cyclachaena xanthifolia</i>	Marsh elder
<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
<i>Dieteria canescens</i> var. <i>aristata</i>	Hoary tansy aster
<i>Dracocephalum parviflorum</i>	Dragonhead
<i>Dysphania graveolens</i>	Fetid goosefoot
<i>Epilobium brachycarpum</i>	Annual willow-herb
<i>Epilobium ciliatum</i>	Fringed willow-herb
<i>Eremogone fendleri</i>	Fendler sandwort
<i>Erigeron divergens</i>	Spreading fleabane
<i>Erigeron flagellaris</i>	Whiplash fleabane
<i>Erigeron formosissimus</i> var. <i>formosissimus</i>	Beautiful fleabane
<i>Erigeron formosissimus</i> var. <i>viscidus</i>	Beautiful fl eabane
<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>Grindelia hirsutula</i>	Sharptooth gumweed
<i>Helianthus annuus</i>	Common sunflower
<i>Heliomeris multiflora</i> var. <i>nevadensis</i>	Showy goldeneye
<i>Heraclium 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 virgatus</i> subsp. <i>virgatus</i>	Wandbloom penstemon
<i>Persicaria amphibia</i>	Water smartweed
* <i>Persicaria lapathifolia</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>Symphiotrichum ascendens</i>	Western aster
<i>Symphiotrichum lanceolatum</i> var. <i>hesperium</i>	Wooton's marsh aster
<i>Synthyris 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

#### LITERATURE CITED

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