

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
yarrow	<i>Achillea lanulosa</i>	Forb	Native
whitestem blazingstar	<i>Acrolasia albicaulis</i>	Forb	Native
bushy blazingstar	<i>Acrolasia dispersa</i>	Forb	Native
red baneberry	<i>Actaea rubra</i>	Forb	Native
flax	<i>Adenolinum lewisii</i>	Forb	Native
yellow false dandelion, pale false dandelion	<i>Agoseris glauca</i>	Forb	Native
mountain caraway, stemless Indian parsley	<i>Aletes acaulis</i>	Forb	Native
nodding onion	<i>Allium cernuum</i>	Forb	Native
wild onion	<i>Allium textile</i>	Forb	Native
alyssum	<i>Alyssum desertorum</i>	Forb	Introduced
alyssum	<i>Alyssum parviflorum</i>	Forb	Introduced
ragweed	<i>Ambrosia psilostachya</i>	Forb	Native
yellow stonecrop	<i>Amerosedum lanceolatum</i>	Forb	Native
pearly everlasting	<i>Anaphalis margaritacea</i>	Forb	Native
candle anemone	<i>Anemone cylindrica</i>	Forb	Native
pink pussytoes, showy pussytoes	<i>Antennaria rosea</i>	Forb	Native
chamomile, stinking chamomile	<i>Anthemis cotula</i>	Forb	Introduced
broomrape	<i>Aphyllon fasciculatum</i>	Forb	Native
spreading dogbane	<i>Apocynum androsaemifolium</i>	Forb	Native
rockcress	<i>Arabis hirsuta</i>	Forb	Introduced
wild sarsaparilla	<i>Aralia nudicaulis</i>	Forb	Native
bur-dock	<i>Arctium minus</i>	Forb	Introduced
prickly poppy	<i>Argemone polyanthemos</i>	Forb	Native
heartleaf arnica	<i>Arnica cordifolia</i>	Forb	Native
white sage	<i>Artemisia ludoviciana</i>	Forb	Native
showy milkweed	<i>Asclepias speciosa</i>	Forb	Native
green-flowered milkweed	<i>Asclepias viridiflora</i>	Forb	Native
smooth aster	<i>Aster laevis</i>	Forb	Native
porter aster	<i>Aster porteri</i>	Forb	Native
Drummond's milk vetch	<i>Astragalus drummondii</i>	Forb	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
wiry milk vetch, flexile milk vetch	<i>Astragalus flexuosus</i>	Forb	Native
prairie milk vetch	<i>Astragalus laxmannii</i>	Forb	Native
milkvetch	<i>Astragalus sp.</i>	Forb	unknown
Canada thistle	<i>Breca arvensis</i>	Forb	Introduced
brickellbrush	<i>Brickellia grandiflora</i>	Forb	Native
false boneset	<i>Brickellia rosmarinifolia</i>	Forb	Native
mariposa, sego lily	<i>Calochortus gunnisonii</i>	Forb	Native
false flax	<i>Camelina microcarpa</i>	Forb	Introduced
harebell	<i>Campanula rapunculoides</i>	Forb	Introduced
common harebell	<i>Campanula rotundifolia</i>	Forb	Native
whitetop	<i>Cardaria draba</i>	Forb	Introduced
musk thistle	<i>Carduus nutans</i>	Forb	Introduced
common mouse-ears	<i>Cerastium fontanum</i>	Forb	Introduced
chickweed	<i>Cerastium strictum</i>	Forb	Native
strawberry blite	<i>Chenopodium fremontii</i>	Forb	Native
narrowleaf goosefoot	<i>Chenopodium leptophyllum</i>	Forb	Native
white hawkweed	<i>Chlorocrepis albiflora</i>	Forb	Native
yellowspine thistle, wavyleaf thistle	<i>Cirsium ochrocentrum</i>	Forb	Native
native thistle	<i>Cirsium undulatum</i>	Forb	Native
bull thistle	<i>Cirsium vulgare</i>	Forb	Introduced
thistle	<i>Cirsium sp.</i>	Forb	unknown
blue-eyed Mary, hunchback flower	<i>Collinsia parviflora</i>	Forb	Native
bastard-toadflax	<i>Comandra umbellata</i>	Forb	Native
bindweed	<i>Convolvulus arvensis</i>	Forb	Introduced
spotted coralroot	<i>Corallorhiza maculata</i>	Forb	Native
sugarbowls, leatherflower	<i>Coriflora hirsutissima</i>	Forb	Native
hound's tongue	<i>Cynoglossum officinale</i>	Forb	Introduced
two lobe larkspur	<i>Delphinium nuttallianum</i>	Forb	Native
deptford pink	<i>Dianthus armeria</i>	Forb	Introduced
teasel	<i>Dipsacus fullonum</i>	Forb	Introduced

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
dragonhead	<i>Dracocephalum parviflorum</i>	Forb	Native
big flower cinquefoil	<i>Drymocallis fissa</i>	Forb	Native
hairy willow-herb	<i>Epilobium ciliatum</i>	Forb	Native
willow herb	<i>Epilobium sp.</i>	Forb	unknown
field horsetail	<i>Equisetum arvense</i>	Forb	Native
cutleaf fleabane	<i>Erigeron compositus</i>	Forb	Native
spreading fleabane	<i>Erigeron divergens</i>	Forb	Native
trailing fleabane	<i>Erigeron flagellaris</i>	Forb	Native
wild buckwheat	<i>Eriogonum flavum</i>	Forb	Native
sulphur flower	<i>Eriogonum umbellatum</i>	Forb	Native
wallflower	<i>Erysimum asperum</i>	Forb	Native
shaggy morningglory	<i>Evolvulus nuttallianus</i>	Forb	Native
fern	<i>Fern sp.</i>	Forb	unknown
wild strawberry	<i>Fragaria vesca</i>	Forb	Native
strawberry	<i>Fragaria virginiana</i>	Forb	Native
elkweed	<i>Frasera speciosa</i>	Forb	Native
blanketflower	<i>Gaillardia aristata</i>	Forb	Native
bedstraw	<i>Galium aparine</i>	Forb	Introduced
northern bedstraw	<i>Galium septentrionale</i>	Forb	Native
cleavers, goosegrass	<i>Galium spurium</i>	Forb	Introduced
fragrant bedstraw	<i>Galium triflorum</i>	Forb	Native
three petal bedstraw	<i>Galium trifidum</i>	Forb	Native
Drummond's campion	<i>Gastrolychnis drummondii</i>	Forb	Native
scarlet beeblossom	<i>Gaura coccinea</i>	Forb	Native
geranium	<i>Geranium caespitosum</i>	Forb	Native
yellow avens	<i>Geum aleppicum</i>	Forb	Native
large-leaved avens	<i>Geum macrophyllum</i>	Forb	Native
gumweed	<i>Grindelia squarrosa</i>	Forb	Native
whiskbroom parsley	<i>Harbouria trachypleura</i>	Forb	Native
little sunflower	<i>Helianthus pumilus</i>	Forb	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
hairy false golden aster	<i>Heterotheca foliosa</i>	Forb	Native
common alumroot	<i>Heuchera parvifolia</i>	Forb	Native
scouring-rush	<i>Hippochaete hyemalis</i>	Forb	Native
scouring rush	<i>Hippochaete laevigata</i>	Forb	Native
Fendler's waterleaf	<i>Hydrophyllum fendleri</i>	Forb	Native
St. Johnswort	<i>Hypericum perforatum</i>	Forb	Introduced
prickly lettuce	<i>Lactuca serriola</i>	Forb	Introduced
blue lettuce	<i>Lactuca tatarica</i>	Forb	Native
beggar's tick, stickseed	<i>Lappula redowskii</i>	Forb	Native
motherwort	<i>Leonurus cardiaca</i>	Forb	Introduced
peppergrass	<i>Lepidium densiflorum</i>	Forb	Introduced
bladderpod	<i>Lesquerella montana</i>	Forb	Native
gayfeather	<i>Liatris punctata</i>	Forb	Native
dalmatian toadflax	<i>Linaria genistifolia</i>	Forb	Introduced
puccoon	<i>Lithospermum multiflorum</i>	Forb	Native
salt-and-pepper	<i>Lomatium orientale</i>	Forb	Native
lupine	<i>Lupinus sp.</i>	Forb	unknown
skeletonplant	<i>Lygodesmia juncea</i>	Forb	Native
false Solomon's seal	<i>Maianthemum amplexicaule</i>	Forb	Native
star false Solomon's seal	<i>Maianthemum stellatum</i>	Forb	Native
black medic	<i>Medicago lupulina</i>	Forb	Introduced
field mint	<i>Mentha arvensis</i>	Forb	Native
chiming bells	<i>Mertensia lanceolata</i>	Forb	Native
saxifrage	<i>Micranthes rhomboidea</i>	Forb	Native
nodding microceris	<i>Microseris nutans</i>	Forb	Native
slender phlox	<i>Microsteris gracilis</i>	Forb	Native
bee-balm	<i>Monarda fistulosa</i>	Forb	Native
watercress	<i>Nasturtium officinale</i>	Forb	Native
fieldcress	<i>Neolepia campestris</i>	Forb	Introduced
catnip	<i>Nepeta cataria</i>	Forb	Introduced

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
wild candytuft	<i>Noccaea montana</i>	Forb	Native
blazingstar	<i>Nuttallia sp.</i>	Forb	unknown
false tarragon	<i>Oligosporus dracunculus</i>	Forb	Native
tarragon	<i>Oligosporus pacificus</i>	Forb	Native
marbleseed	<i>Onosmodium molle</i>	Forb	Native
miners candle	<i>Oreocarya virgata</i>	Forb	Native
sweet cicely	<i>Osmorhiza chilensis</i>	Forb	Native
sweet cicely, bluntseed sweetroot	<i>Osmorhiza depauperata</i>	Forb	Native
hairy four o'clock, umbrellawort	<i>Oxybaphus hirsutus</i>	Forb	Native
narrow leaf 4 o'clock, umbrellawort	<i>Oxybaphus linearis</i>	Forb	Native
Colorado loco	<i>Oxytropis lambertii</i>	Forb	Native
groundsel, Fendler's ragwort	<i>Packera fendleri</i>	Forb	Native
nailwort	<i>Paronychia jamesii</i>	Forb	Native
Rocky Mountain penstemon	<i>Penstemon strictus</i>	Forb	Native
Front Range beardtongue	<i>Penstemon virens</i>	Forb	Native
penstemon	<i>Penstemon sp.</i>	Forb	unknown
scorpionweed	<i>Phacelia heterophylla</i>	Forb	Native
flowery phlox	<i>Phlox multiflora</i>	Forb	Native
clammy groundcherry	<i>Physalis heterophylla</i>	Forb	Native
narrowleaf plantain	<i>Plantago lanceolata</i>	Forb	Introduced
common plantain	<i>Plantago major</i>	Forb	Introduced
woolly plantain	<i>Plantago patagonica</i>	Forb	Native
Douglas' knotweed	<i>Polygonum douglasii</i>	Forb	Native
woolly cinquefoil	<i>Potentilla hippiana</i>	Forb	Native
Parry's primrose	<i>Primula parryi</i>	Forb	Native
yellow mountain parsley	<i>Pseudocymopterus montanus</i>	Forb	Native
alfalfa	<i>Psoralidium tenuiflorum</i>	Forb	Native
bracken	<i>Pteridium aquilinum</i>	Forb	Native
winged buckwheat	<i>Pterogonum alatum</i>	Forb	Native
woodland pinedrops	<i>Pterospora andromedea</i>	Forb	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
pasqueflower	<i>Pulsatilla ludoviciana</i>	Forb	Native
yellowcress	<i>Rorippa sinuata</i>	Forb	Native
black-eyed Susan	<i>Rudbeckia hirta</i>	Forb	Native
curly dock	<i>Rumex crispus</i>	Forb	Introduced
dock	<i>Rumex sp.</i>	Forb	unknown
black snakeroot	<i>Sanicula marilandica</i>	Forb	Native
soapwort, bouncingbet	<i>Saponaria officinalis</i>	Forb	Introduced
lanceleaf figwort	<i>Scrophularia lanceolata</i>	Forb	Native
Britton's skullcap	<i>Scutellaria brittonii</i>	Forb	Native
groundsel	<i>Senecio integerrimus</i>	Forb	Native
butterweed	<i>Senecio spartioides</i>	Forb	Native
ragwort	<i>Senecio sp.</i>	Forb	unknown
sleepy catchfly	<i>Silene antirrhina</i>	Forb	Introduced
tumble mustard	<i>Sisymbrium altissimum</i>	Forb	Introduced
Canada goldenrod	<i>Solidago canadensis</i>	Forb	Native
Missouri goldenrod	<i>Solidago missouriensis</i>	Forb	Native
goldenrod	<i>Solidago sp.</i>	Forb	unknown
dandelion	<i>Taraxacum officinale</i>	Forb	Introduced
Fendler's meadow rue	<i>Thalictrum fendleri</i>	Forb	Native
prairie thermopsis	<i>Thermopsis rhombifolia</i>	Forb	Native
pennycress	<i>Thlaspi arvense</i>	Forb	Introduced
spurge	<i>Tithymalus brachyceras</i>	Forb	Native
myrtle spurge	<i>Tithymalus myrsinites</i>	Forb	Introduced
leafy spurge	<i>Tithymalus uralensis</i>	Forb	Introduced
Easter daisy	<i>Townsendia grandiflora</i>	Forb	Native
spiderwort	<i>Tradescantia occidentalis</i>	Forb	Native
salsify	<i>Tragopogon dubius</i>	Forb	Introduced
red clover	<i>Trifolium pratense</i>	Forb	Introduced
clasping venus' looking-glass	<i>Triodanis perfoliata</i>	Forb	Introduced
tower mustard	<i>Turritis glabra</i>	Forb	Introduced

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
broad-leaved cattail	<i>Typha latifolia</i>	Forb	Native
stinging nettle	<i>Urtica gracilis</i>	Forb	Native
woolly mullein	<i>Verbascum thapsus</i>	Forb	Introduced
American speedwell	<i>Veronica americana</i>	Forb	Native
violet	<i>Viola scopulorum</i>	Forb	Native
common blue violet	<i>Viola sororia</i>	Forb	Native
violet	<i>Viola sp.</i>	Forb	unknown
western aster	<i>Virgulaster ascendens</i>	Forb	Native
white prairie aster	<i>Virgulus falcatus</i>	Forb	Native
needlegrass	<i>Achnatherum lettermannii</i>	Graminoid	Native
sleepy grass	<i>Achnatherum robustum</i>	Graminoid	Native
Scribner needlegrass	<i>Achnatherum scribneri</i>	Graminoid	Native
crested wheatgrass	<i>Agropyron desertorum</i>	Graminoid	Introduced
bentgrass, spike bentgrass	<i>Agrostis exarata</i>	Graminoid	Introduced
creeping bentgrass	<i>Agrostis stolonifera</i>	Graminoid	Introduced
big bluestem	<i>Andropogon gerardii</i>	Graminoid	Native
cheatgrass	<i>Anisantha tectorum</i>	Graminoid	Introduced
purple three-awn	<i>Aristida purpurea</i>	Graminoid	Native
sideoats grama	<i>Bouteloua curtipendula</i>	Graminoid	Native
smooth brome	<i>Bromopsis inermis</i>	Graminoid	Introduced
woolly Brome	<i>Bromopsis lanatipes</i>	Graminoid	Native
rattlesnake grass	<i>Bromus briziformis</i>	Graminoid	Introduced
Japanese brome	<i>Bromus japonicus</i>	Graminoid	Introduced
Dewey's sedge	<i>Carex deweyana</i>	Graminoid	Native
Nebraska sedge	<i>Carex nebrascensis</i>	Graminoid	Native
clustered field sedge	<i>Carex praegracilis</i>	Graminoid	Native
Ross' sedge	<i>Carex rossii</i>	Graminoid	Native
white scaled sedge	<i>Carex xerantica</i>	Graminoid	Native
sedge	<i>Carex sp.</i>	Graminoid	unknown
blue grama	<i>Chondrosum gracile</i>	Graminoid	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
orchardgrass	<i>Dactylis glomerata</i>	Graminoid	Introduced
poverty oatgrass	<i>Danthonia spicata</i>	Graminoid	Native
Canada wildrye	<i>Elymus canadensis</i>	Graminoid	Native
squirreltail	<i>Elymus elymoides</i>	Graminoid	Native
blue wild rye	<i>Elymus glaucus</i>	Graminoid	Native
thickspike wheatgrass	<i>Elymus lanceolatus</i>	Graminoid	Native
meadow fescue	<i>Festuca pratensis</i>	Graminoid	Introduced
Rocky Mountain fescue	<i>Festuca saximontana</i>	Graminoid	Native
fescue	<i>Festuca sp.</i>	Graminoid	unknown
fowl mannagrass	<i>Glyceria striata</i>	Graminoid	Native
needle-and-thread grass	<i>Hesperostipa comata</i>	Graminoid	Native
baltic rush	<i>Juncus arcticus</i>	Graminoid	Native
June grass	<i>Koeleria macrantha</i>	Graminoid	Native
spike fescue	<i>Leucopoa kingii</i>	Graminoid	Native
mountain muhly	<i>Muhlenbergia montana</i>	Graminoid	Native
spike muhly	<i>Muhlenbergia wrightii</i>	Graminoid	Native
green needle grass	<i>Nassella viridula</i>	Graminoid	Native
switchgrass	<i>Panicum virgatum</i>	Graminoid	Native
western wheatgrass	<i>Pascopyrum smithii</i>	Graminoid	Native
timothy	<i>Phleum pratense</i>	Graminoid	Introduced
Kentucky bluegrass - native	<i>Poa agassizensis</i>	Graminoid	Native
Canada bluegrass - alien	<i>Poa compressa</i>	Graminoid	Introduced
muttongrass	<i>Poa fendleriana</i>	Graminoid	Native
Kentucky bluegrass - alien	<i>Poa pratensis</i>	Graminoid	Introduced
little bluestem	<i>Schizachyrium scoparium</i>	Graminoid	Native
sand dropseed	<i>Sporobolus cryptandrus</i>	Graminoid	Native
Rocky Mountain maple	<i>Acer glabrum</i>	Shrub	Native
alder	<i>Alnus incana</i>	Shrub	Native
river birch	<i>Betula fontinalis</i>	Shrub	Native
buckbrush	<i>Ceanothus fendleri</i>	Shrub	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
mountain mahogany	<i>Cercocarpus montanus</i>	Shrub	Native
beaked hazelnut	<i>Corylus cornuta</i>	Shrub	Native
yellow hawthorn	<i>Crataegus chrysocarpa</i>	Shrub	Native
hawthorn	<i>Crataegus macracantha</i>	Shrub	Native
waxflower	<i>Jamesia americana</i>	Shrub	Native
common juniper	<i>Juniperus communis</i>	Shrub	Introduced
matrimonyvine, wolfberry	<i>Lycium barbarum</i>	Shrub	Introduced
chokecherry	<i>Padus virginiana</i>	Shrub	Native
Virginia creeper	<i>Parthenocissus quinquefolia</i>	Shrub	Introduced
ball cactus, hedghog	<i>Pediocactus simpsonii</i>	Shrub	Native
ninebark	<i>Physocarpus monogynus</i>	Shrub	Native
plum	<i>Prunus americana</i>	Shrub	Native
skunkbush	<i>Rhus trilobata</i>	Shrub	Native
wax currant	<i>Ribes cereum</i>	Shrub	Native
whitestem gooseberry	<i>Ribes inerme</i>	Shrub	Native
wood rose	<i>Rosa woodsii</i>	Shrub	Native
red raspberry	<i>Rubus idaeus</i>	Shrub	unknown
beaked willow	<i>Salix bebbiana</i>	Shrub	Native
sandbar willow	<i>Salix exigua</i>	Shrub	Native
willow	<i>Salix sp.</i>	Shrub	unknown
Greene's mountain ash	<i>Sorbus scopulina</i>	Shrub	Native
red osier dogwood	<i>Swida sericea</i>	Shrub	Native
common snowberry	<i>Symphoricarpos albus</i>	Shrub	Native
western snowberry	<i>Symphoricarpos occidentalis</i>	Shrub	Native
roundleaf snowberry	<i>Symphoricarpos rotundifolia</i>	Shrub	Native
bush-cranberry	<i>Viburnum edule</i>	Shrub	Native
kinnikinnick	<i>Arctostaphylos uva-ursi</i>	Subshrub	Native
fringed sagewort, prairie sage	<i>Artemisia frigida</i>	Subshrub	Native
nipple cactus	<i>Coryphantha vivipara</i>	Subshrub	Native
hen-and-chickens	<i>Echinocereus viridiflorus</i>	Subshrub	Native

## Appendix G - Betasso Preserve Plant Species List

Based on 2008 Vegetation Survey (Patrick Murphy, Ecotone Corp., Boulder)

Common Name(s)	Scientific Name	Life Form	Native / Introduced
hairy false golden aster	<i>Heterotheca villosa</i>	Subshrub	Native
oregon grape	<i>Mahonia repens</i>	Subshrub	Native
twistspine prickly pear	<i>Opuntia macrorhiza</i>	Subshrub	Native
prickly pear	<i>Opuntia polyacantha</i>	Subshrub	Native
prairie rose	<i>Rosa arkansana</i>	Subshrub	Native
poison Ivy	<i>Toxicodendron rydbergii</i>	Subshrub	Native
yucca	<i>Yucca glauca</i>	Subshrub	Native
cultivated apple	<i>Malus domestica</i>	Tree	Introduced
boxelder	<i>Negundo aceroides</i>	Tree	Native
ponderosa pine	<i>Pinus ponderosa</i>	Tree	Native
lanceleaf cottonwood	<i>Populus x acuminata</i>	Tree	Native
eastern cottonwood, plains cottonwood	<i>Populus deltoides</i>	Tree	Native
aspen	<i>Populus tremuloides</i>	Tree	Native
Douglas fir	<i>Pseudotsuga menziesii</i>	Tree	Native
Rocky Mountain juniper	<i>Sabina scopulorum</i>	Tree	Native
crackwillow	<i>Salix fragilis</i>	Tree	Introduced
bluestem willow	<i>Salix irrorata</i>	Tree	Native
virgin's bower	<i>Clematis ligusticifolia</i>	Vine	Native
riverbank grape	<i>Vitis riparia</i>	Vine	Native