

BOULDER RANCH OPEN SPACE
PLANT LIST
William A. Weber

This list was compiled on the morning of July 3, 1986, by the author on a field trip with Sam Antonio and Kim Foster. We concentrated on the area around the small lake. A few species were added from visual sightings along the road, and from observations made a few weeks earlier on a visit to the area by the author and Dick Antonio.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

The following are especially noteworthy records:

Carex hystericina Muehl., known previously from a few collections from the general vicinity of north Boulder. This species forms a definite zone in shallow water of the pond margin.

Calamagrostis stricta (Timm) Koel. (inexpansa).

This manuscript is on Disk 65 and can be updated.

3 July 1986

Acosta diffusa (AST)
Agropyron cristatum (POA)
Agrostis gigantea (POA)
Alyssum minus (BRA)
Ambrosia psilostachya (AST)
Anisantha (Bromus) tectorum (POA)
Arctium minus (AST)
Argemone polyanthemus (PAP)
Artemisia frigida (AST)
Asclepias incarnata (ASC)
Asclepias speciosa (ASC)
Astragalus bisulcatus (FAB)
Bromopsis (Bromus) inermis (POA)
Bromus japonicus (POA)
Calamagrostis stricta (POA)
Camelina microcarpa (BRA)
Carduus nutans (AST)
Carex emoryi (CYP)
Carex lanuginosa (CYP)
Carex nebrascensis (CYP)
Carex praegracilis (CYP)
Carex hystericina (CYP)
Chara sp. (algae)
Chorispora tenella (BRA)
Cichorium intybus (AST)
Cirsium arvense (AST)
Cirsium vulgare (AST)
Convolvulus arvensis (CNV)
Critesion (Hordeum) pusillum (POA)
Critesion (Hordeum) jubatum (POA)
Dactylis glomerata (POA)
Dalea candida (FAB)
Descurainia sophia (BRA)
Distichlis spicata (POA)
Elaeagnus angustifolia (ELE)
Eleocharis palustris (CYP)
Elymus (Sitanion) longiflorus (POA)
Elytrigia (Agropyron) intermedia (POA)
Elytrigia (Agropyron) repens (POA)
Evolvulus nuttallianus (CNV)
Festuca pratensis (POA)
Gaura coccinea (ONA)
Gaura parviflora (ONA)
Glyceria maxima (POA)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Helianthus annuus (AST)
Helianthus pumilus (AST)
Heterotheca villosa (AST)
Iva axillaris (AST)
Juncus arcticus (JUN)
Juncus alpinoarticulatus (JUN)
Juncus confusus (JUN)

Juncus nodosus (JUN)
Juncus torreyi (JUN)
Kochia sieversiana (CHN)
Lactuca serriola (AST)
Lepidium campestre (BRA)
Lepidium perfoliatum (BRA)
Lycopus americanus (LAM)
Lythrum alatum (LYT)
Medicago lupulina (FAB)
Melilotus alba (FAB)
Melilotus officinalis (FAB)
Mentha arvensis (LAM)
Muhlenbergia asperifolia (POA)
Oryzopsis hymenoides (POA)
Pascopyrum (Agropyron) smithii (POA)
Phalaroides (Phalaris) arundinacea (POA)
Phragmites australis (POA)
Plantago lanceolata (PTG)
Polypogon monspeliensis (POA)
Populus deltoides (SAL)
Potamogeton foliosus (POT)
Psathyrostachys (Elymus) juncea (POA)
Psoralidium (Psoralea) tenuiflorum (FAB)
Puccinellia nuttalliana (POA)
Rhus aromatica ssp trilobata (ANA)
Rorippa sinuata (BRA)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Salix exigua (SAL)
Schoenoplectus acutus (CYP)
Secale cereale (POA)
Solidago canadensis (AST)
Sonchus asper (AST)
Sonchus arvensis (AST)
Sophora nuttalliana (FAB)
Sphenopholis obtusata (POA)
Sporobolus airoides (POA)
Stipa comata (POA)
Stipa viridula (POA)
Sisymbrium altissimum (BRA)
Thelesperma megapotamicum (AST)
Tragopogon dubius (AST)
Trifolium fragiferum (FAB)
Trifolium pratense (FAB)
Typha angustifolia (TYP)
Typha latifolia (TYP)
Verbascum thapsus (SCR)
Verbena hastata (VRB)
Veronica salina (SCR)
Virgulus (Aster) falcatus AST
Xanthium strumarium (AST)
Yucca glauca (AGHA)

BOULDER OPEN SPACE
PLANT LIST
William A. Weber

Tallgrass Area # 1, 2

This list was compiled on the morning of September 3, 1986, by the author on a field trip with Kim Foster.

One specimen was collected: *Amorpha nana* Nutt.

ACETOSELLA VULGARIS (PLG)
AGROSTIS GIGANTEA (POA)
AMBROSIA PSILOSTACHYA (AST)
AMORPHA NANA (FAB)
ANDROPOGON GERARDII (POA)
ANISANTHA (Bromus) TECTORUM (POA)
ARISTIDA PURPUREA (POA)
ARTEMISIA FRIGIDA (AST)
ARTEMISIA LUDOVICIANA (AST)
ASCLEPIAS SPECIOSA (ASC)
ASTER HESPERIUS (AST)
ASTER PORTERI (AST)
BOUTELOUA CURTIPENDULA (POA)
BOUTELOUA GRACILIS (POA)
BOUTELOUA HIRSUTA (POA)
BRICKELLIA EUPATORIODES (AST)
BROMUS JAPONICUS (POA)
BUCHLOE DACTYLOIDES (POA)
CARDUUS NUTANS (AST)
CAREX DOUGLASII (CYP)
CAREX PRAEGRACILIS (CYP)
CEANOOTHUS HERBACEUS (RHM)
CHENOPODIUM BERLANDIERI (CHN)
CICHORIUM INTYBUS (AST)
CIRSIIUM OCHROCENTRUM (AST)
CIRSIIUM VULGARE (AST)
CONVOLVULUS ARVENSE (CNV)
CRITESION (Hordeum) JUBATUM (POA)
DALEA SP. (FAB)
DISTICHLIS SPICATA (POA)
ECHINOCHLOA CRUS-GALLI (POA)
ELAEAGNUS ANGUSTIFOLIA (ELE)
ELYTRIGIA (Agropyron) REPENS (POA)
ERIOGONUM EFFUSUM (PLG)
EVOLVULUS NUTTALLIANUS (CNV)
GLYCYRRHIZA LEPIDOTA (FAB)
GRINDELIA SQUARROSA (AST)
GUTIERREZIA SAROTHRAE (AST)
HELIANTHUS PUMILUS (AST)
HETEROTHECA FALCATA (AST)
HETEROTHECA VILLOSA (AST)
JUNCUS ALPINOARTICULATUS (JUN)
JUNCUS CONFUSUS (JUN)
JUNCUS DUDLEYI (JUN)
JUNCUS GERARDII (JUN)
JUNCUS LONGISTYLIS (JUN)
JUNCUS TORREYI (JUN)
KOCHIA SIEVERSIANA (CHN)
LACTUCA SERRIOLA (AST)
LEPIDIUM DENSIFLORUM (BRA)
LIATRIS PUNCTATA (AST)
LOTUS TENUIS (FAB)
LUPINUS ARGENTEUS (FAB)
MEDICAGO LUPULINA (FAB)
MELILOTUS ALBA (FAB)
MUHLENBERGIA ASPERIFOLIA (POA)

OENOTHERA VILLOSA (ONA)
OLIGOSPORUS (Artemisia) CAMPESTRIS (AST)
ONOSMODIUM MOLLE (BOR)
OPUNTIA COMPRESSA (CAC)
PANICUM VIRGATUM (POA)
PARONYCHIA JAMESII (ASN)
PASCOPYRUM (Agropyron) SMITHII (POA)
PLANTAGO LANCEOLATA (PTG)
POA COMPRESSA (POA)
POA PRATENSIS (POA)
PSORALIDIUM (Psoralea) TENUIFLORUM (FAB)
PTEROGONUM (Eriogonum) ALATUM (PLG)
ROSA ARKANSANA (ROS)
RUMEX CRISPUS (PLG)
SCHIZACHYRIUM (Andropogon) SCOPARIUM (POA)
SENECIO SPARTIOIDES (AST)
SOLIDAGO MISSOURIENSIS (AST)
SORGHASTRUM NUTANS (POA)
SPERGULARIA MEDIA (ASN)
SPOROBOLUS AIROIDES (POA)
SPOROBOLUS ASPER (POA)
SUAEDA SP. (CHN)
TRIFOLIUM PRATENSE (FAB)
VERBASCUM BLATTARIA (SCR)
VERBASCUM THAPSUS (SCR)
VIRGULUS ERICOIDES (AST)
VIRGULUS FALCATUS (AST)
YUCCA GLAUCA (AGA)

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Tallgrass Area # 3

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Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

Agrostis gigantea (POA)
Ambrosia psilostachya (AST)
Andropogon gerardii (POA)
Artemisia ludoviciana (AST)
Asclepias speciosa (ASC)
Carduus nutans (AST)
Carex simulata (CYP)
Cichorium intybus (AST)
Convolvulus arvensis (CNV)
Dactylis glomerata (POA)
Daucus carota (API)
Dianthus armeria (CRY)
Eleocharis palustris (CYP)
Elytrigia repens (POA)
Festuca pratensis (POA)
Gutierrezia sarothrae (AST)
Hippochaete hyemalis (EQU)
Hypericum perforatum (HYP)
Juncus confusus (JUN)
Juncus torreyi (JUN)
Lepidium campestre (BRA)
Muhlenbergia asperifolia (POA)
Oligoneuron rigidum (AST)
Opuntia compressa (CAC)
Panicum virgatum (POA)
Phleum pratense (POA)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Prunella vulgaris (LAM)
Psoralidium tenuiflorum (FAB)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Schizachyrium scoparium (POA)
Sorghastrum nutans (POA)
Sporobolus asper (POA)
Symphoricarpos occidentalis (CPR)
Taraxacum officinale (AST)
Thermopsis divaricarpa (FAB)
Tragopogon dubius (AST)
Trifolium pratense (FAB)
Verbascum thapsus (SCR)
Virgulus falcatus (AST)

BOULDER OPEN SPACE
PLANT LIST
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Tallgrass Area # 6

This list was compiled on the morning of August 12, 1986, by the author on a field trip with Sam Antonio and Kim Foster.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

Agaloma marginata (EUP)
Agropyron desertorum (POA)
Agrostis gigantea (POA)
Alyssum minus (BRA)
Amaranthus retroflexus (AMA)
Ambrosia psilostachya (AST)
Ambrosia trifida (AST)
Amorpha fruticosa (FAB)
Arctium minus (AST)
Aristida purpurea (POA)
Artemisia frigida (AST)
Asclepias speciosa (ASC)
Asparagus officinalis (ASP)
Aster hesperius (AST)
Astragalus sp. (FAB)
Bidens cernua (AST)
Bouteloua curtipendula (POA)
Brickellia eupatorioides (AST)
Bromus japonicus (POA)
Buchloe dactyloides (POA)
Carduus nutans (AST)
Carex brevior (CYP)
Cerasus sp. (ROS)
Chenopodium berlandieri (CHN)
Cichorium intybus (AST)
Cirsium arvense (AST)
Cirsium flodmanii (AST)
Convolvulus arvensis (CNV)
Critesion (Hordeum) jubatum (POA)
Dactylis glomerata (POA)
Dichanthelium lanuginosum (POA)
Distichlis spicata (POA)
Elaeagnus angustifolia (ELE)
Eleocharis acicularis (CYP)
Eleocharis palustris (CYP)
Elytrigia repens (POA)
Equisetum arvense (EQU)
Gaura coccinea (ONA)
Gaura parviflora (ONA)
Glycyrrhiza lepidota (FAB)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Helianthus annuus (AST)
Heterotheca villosa (AST)
Juncus arcticus (JUN)
Juncus alpinoarticulatus (JUN)
Juncus confusus (CYP)
Kochia sieversiana (CHN)
Lactuca serriola (AST)
Liatris punctata (AST)
Melilotus alba (FAB)
Mentha arvensis (LAM)
Oenothera villosa (ONA)

Oligoneuron rigidum (AST)
Onosmodium molle (BOR)
Opuntia compressa (CAC)
Panicum virgatum (POA)
Persicaria lapathifolia (PLG)
Phleum pratense (POA)
Phyla lanceolata (VRB)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Populus deltoides (SAL)
Psoralidium tenuiflorum (FAB)
Ranunculus macounii (RAN)
Ratibida columnifera (AST)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Salix exigua (SAL)
Salsola collina (CHN)
Schizachyrium scoparium (POA)
Schoenoplectus pungens (CYP)
Solanum rostratum (SOL)
Solidago canadensis (AST)
Solidago missouriensis (AST)
Spartina pectinata (POA)
Sphaeralcea coccinea (AST)
Sporobolus asper (POA)
Townsendia hookeri (AST)
Tragopogon dubius (AST)
Tribulus terrestris (ZYG)
Trifolium pratense (FAB)
Verbascum thapsus (SCR)
Veronica americana (SCR)
Veronica salina (SCR)
Virgulus falcatus (AST)
Xanthium strumarium (AST)
Yucca glauca (AGA)

BOULDER OPEN SPACE
PLANT LIST
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Tallgrass Area # 7

This list was compiled on the morning of August 12, 1986, by the author on a field trip with Sam Antonio and Kim Foster.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

The following list is divided into one for the tall grass prairie, wet phase at the bottom of the site, and one for the upland dry site.

Tall grass zone, wet regime

Acetosella vulgaris (PLG)
Achillea lanulosa (AST)
Agrostis gigantea (POA)
Alisma brevipes (ALI)
Ambrosia psilostachya (AST)
Anbrosia trifida (AST)
Andropogon gerardii (POA)
Artemisia ludoviciana (AST)
Aster hesperius (AST)
Bidens cernus (AST)
Bouteloua gracilis (POA)
Bromus japonicus (POA)
Carduus nutans (AST)
Carex nebrascensis (CYP)
Carex scoparia)CYP)
Cichorium intybus (AST)
Cirsium arvense (AST)
Convolvulus arvensis (CNV)
Critesion (Hordeum) jubatum (POA)
Dactylis glomerata (POA)
Dalea candida (FAB)
Dianthus armeria (CRY)
Dichanthelium (Panicum) lanuginosum (POA)
Elaeagnus angustifolia (ELE)
Eleocharis palustris (CYP)
Epilobium ciliatum (ONA)
Glycyrrhiza lepidota (FAB)
Hypericum perforatum (HYP)
Juncus arcticus (JUN)
Juncus confusus (JUN)
Juncus longistylis (JUN)
Juncus torreyi (JUN)
Lactusa serriola (AST)
Lepidium campestre (BRA)
Liatris punctata (AST)
Lupinus argenteus (FAB)
Lycopus americana (LAM)
Melilotus alba (FAB)
Melilotus officinalis (FAB)
Mentha arvensis (LAM)
Muhlenbergia asperifolia (POA)
Oenothera villosa (ONA)
Oligoneuron rigidum (AST)
Oligosporus (Artemisia) campestris (AST)
Oligosporus (Artemisia) dracunculus (AST)
Panicum virgatum (POA)
Phleum pratense (POA)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Potentilla norvegica (ROS)
Prunella vulgaris (LAM)

Psoralidium tenuiflorum (FAB)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Schizachyrium (Andropogon) scoparium (POA)
Sorghastrum nutans (POA)
Spartina pectinata (POA)
Sporobolus heterolepis (POA)
Synphoricarpos occidentalis (CPR)
Trifolium pratense (FAB)
Typha latifolia (TYP)
Verbascum thapsus (SCR)
Verbena hastata (VRB)

BOULDER OPEN SPACE PLANTS
COMBINED LIST OF SPECIES

Acetosella vulgaris (PLG) [Rumex]
Achillea lanulosa (AST)
Acosta diffusa (AST) [Centaurea]
Agaloma marginata (EUP) [Euphorbia]
Agropyron cristatum (POA)
Agropyron desertorum (POA)
Agrostis gigantea (POA)
Alisma brevipes (ALI)
Alyssum minus (BRA)
Amaranthus retroflexus (AMA)
Ambrosia psilostachya (AST)
Ambrosia trifida (AST)
Amorpha fruticosa (FAB)
Amorpha nana (FAB)
Andropogon gerardii (POA)
Anisantha tectorum (POA) [Bromus]
Arctium minus (AST)
Argemone polyanthemus (PAP)
Aristida purpurea (POA)
Artemisia frigida (AST)
Artemisia ludoviciana (AST)
Asclepias incarnata (ASC)
Asclepias speciosa (ASC)
Asparagus officinalis (ASP)
Aster hesperius (AST)
Aster porteri (AST)
Astragalus bisulcatus (FAB)
Astragalus sp. (FAB)
Bidens cernua (AST)
Bouteloua gracilis (POA)
Bouteloua curtipendula (POA)
Bouteloua gracilis (POA)
Bouteloua hirsuta (POA)
Brickellia eupatorioides (AST)
Bromopsis inermis (POA) [Bromus]
Bromus japonicus (POA)
Buchloe dactyloides (POA)
Calamagrostis stricta (POA)
Camelina microcarpa (BRA)
Carduus nutans (AST)
Carex brevior (CYP)
Carex douglasii (CYP)
Carex emoryi (CYP)
Carex hystericina (CYP)
Carex lanuginosa (CYP)
Carex nebrascensis (CYP)
Carex praegracilis (CYP)
Carex scoparia (CYP)
Carex simulata (CYP)
Ceanothus herbaceus (RHM)
Cerasus sp. (ROS)
Chara sp. (algae)
Chenopodium berlandieri (CHN)

Chorispora tenella (BRA)
Cichorium intybus (AST)
Cirsium arvense (AST)
Cirsium flodmanii (AST)
Cirsium ochrocentrum (AST)
Cirsium undulatum (AST)
Cirsium vulgare (AST)
Convolvulus arvensis (CNV)
Critesion jubatum (POA) [Hordeum]
Critesion pusillum (POA) [Hordeum]
Dactylis glomerata (POA)
Dalea candida (FAB) [Petalostemon]
Dalea sp. (FAB)
Daucus carota (API)
Descurainia sophia (BRA)
Dianthus armeria (CRY)
Dichantherium lanuginosum (POA) [Panicum]
Distichlis spicata (POA)
Echinochloa crus-galli (POA)
Elaeagnus angustifolia (ELE)
Eleocharis acicularis (CYP)
Eleocharis palustris (CYP)
Elymus longiflorus (POA) [Sitanion]
Elytrigia intermedia (POA) [Agropyron]
Elytrigia repens (POA) [Agropyron]
Epilobium ciliatum (ONA)
Equisetum arvense (EQU)
Erigeron flagellaris (AST)
Eriogonum effusum (PLG)
Evolvulus nuttallianus (CNV)
Festuca pratensis (POA)
Gaillardia aristata (AST)
Gaura coccinea (ONA)
Gaura parviflora (ONA)
Glyceria maxima (POA)
Glycyrrhiza lepidota (FAB)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Helianthus annuus (AST)
Helianthus pumilus (AST)
Heterotheca fulcrata (AST)
Heterotheca villosa (AST)
Hippochaete hyemalis (EQU)
Hypericum perforatum (HYP)
Iva axillaris (AST)
Juncus alpinoarticulatus (JUN)
Juncus arcticus (JUN)
Juncus confusus (JUN)
Juncus dudleyi (JUN)
Juncus gerardii (JUN)
Juncus longistylis (JUN)
Juncus nodosus (JUN)
Juncus torreyi (JUN)
Kochia sieversiana (CHN)

Lactuca serriola (AST)
Lepidium campestre (BRA)
Lepidium densiflorum (BRA)
Lycopus americanus (LAM)
Lythrum alatum (LYT)
Medicago lupulina (FAB)
Melilotus alba (FAB)
Melilotus officinalis (FAB)
Mentha arvensis (LAM)
Muhlenbergia asperifolia (POA)
Oenothera villosa (ONA)
Oligoneuron rigidum (AST) [Solidago]
Oligosporus campestris (AST) [Artemisia]
Oligosporus dracunculus (AST) [Artemisia]
Onosmodium molle (BOR)
Opuntia compressa (CAC)
Oryzopsis hymenoides (POA)
Panicum virgatum (POA)
Paronychia jamesii (ASN)
Pascopyrum smithii (POA) [Agropyron]
Persicaria lapathifolia (PLG)
Phacelia heterophylla (HYD)
Phalaroides arundinacea (POA) [Phalaris]
Phleum pratense (POA)
Phragmites australis (POA)
Phyla lanceolata (VRB)
Pinus ponderosa (PIN)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Podospermum laciniatum (AST)
Polypogon monspeliensis (POA)
Populus deltoides (SAL)
Potamogeton foliosus (POT)
Potentilla norvegica (ROS)
Prunella vulgaris (LAM)
Psathyrostachys juncea (POA) [Elymus]
Psoralidium tenuiflorum (FAB) [Psoralea]
Pterogonum alatum (PLG)
Puccinellia nuttalliana (POA)
Ranunculus macounii (RAN)
Ratibida columnifera (AST)
Rhus aromatica ssp trilobata (ANA)
Rorippa sinuata (BRA)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Salix exigua (SAL)
Salsola collina (CHN)
Schizachyrium scoparium (POA) [Andropogon]
Schoenoplectus acutus (CYP) [Scirpus]
Schoenoplectus pungens (CYP) [Scirpus]
Secale cereale (POA)
Senecio spartioides (AST)
Sisymbrium altissimum (BRA)

Solanum rostratum (SOL)
Solidago canadensis (AST)
Solidago missouriensis (AST)
Sonchus arvensis (AST)
Sonchus asper (AST)
Sophora nuttalliana (FAB)
Sorghastrum nutans (POA)
Spartina pectinata (POA)
Spergularia media (ASN)
Sphaeralcea coccinea (AST)
Sphenopholis obtusata (POA)
Sporobolus airoides (POA)
Sporobolus asper (POA)
Sporobolus heterolepis (POA)
Stipa comata (POA)
Stipa viridula (POA)
Suaeda sp. (CHN)
Symphoricarpos occidentalis (CPR)
Taraxacum officinale (AST)
Thelesperma megapotamicum (AST)
Thermopsis divaricarpa (FAB)
Townsendia hookeri (AST)
Tragia ramosa (EUP)
Tragopogon dubius (AST)
Tribulus terrestris (ZYG)
Trifolium fragiferum (FAB)
Trifolium pratense (FAB)
Typha angustifolia (TYP)
Typha latifolia (TYP)
Verbascum blattaria (SCR)
Verbascum thapsus (SCR)
Verbena hastata (VRB)
Veronica americana (SCR)
Veronica salina (SCR)
Virgulus ericoides (AST) [Aster]
Virgulus falcatus (AST) [Aster]
Xanthium strumarium (AST)
Yucca glauca (AGA)

BOULDER RANCH OPEN SPACE
PLANT LIST
William A. Weber

This list was compiled on the morning of July 3, 1986, by the author on a field trip with Sam Antonio and Kim Foster. We concentrated on the area around the small lake. A few species were added from visual sightings along the road, and from observations made a few weeks earlier on a visit to the area by the author and Dick Antonio.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

The following are especially noteworthy records:

Carex hystericina Muehl., known previously from a few collections from the general vicinity of north Boulder. This species forms a definite zone in shallow water of the pond margin.

Calamagrostis stricta (Timm) Koel. (inexpansa).

This manuscript is on Disk 65 and can be updated.

3 July 1986

Acosta diffusa (AST)
Agropyron cristatum (POA)
Agrostis gigantea (POA)
Alyssum minus (BRA)
Ambrosia psilostachya (AST)
Anisantha (Bromus) tectorum (POA)
Arctium minus (AST)
Argemone polyanthemos (PAP)
Artemisia frigida (AST)
Asclepias incarnata (ASC)
Asclepias speciosa (ASC)
Astragalus bisulcatus (FAB)
Bromopsis (Bromus) inermis (POA)
Bromus japonicus (POA)
Calamagrostis stricta (POA)
Camelina microcarpa (BRA)
Carduus nutans (AST)
Carex emoryi (CYP)
Carex lanuginosa (CYP)
Carex nebrascensis (CYP)
Carex praegracilis (CYP)
Carex hystericina (CYP)
Chara sp. (algae)
Chorispora tenella (BRA)
Cichorium intybus (AST)
Cirsium arvense (AST)
Cirsium vulgare (AST)
Convolvulus arvensis (CNV)
Critesion (Hordeum) pusillum (POA)
Critesion (Hordeum) jubatum (POA)
Dactylis glomerata (POA)
Dalea candida (FAB)
Descurainia sophia (BRA)
Distichlis spicata (POA)
Elaeagnus argentea (ELE)
Eleocharis palustris (CYP)
Elymus (Sitanion) longiflorus (POA)
Elytrigia (Agropyron) intermedia (POA)
Elytrigia (Agropyron) repens (POA)
Evolvulus nuttallianus (CNV)
Festuca pratensis (POA)
Gaura coccinea (ONA)
Gaura parviflora (ONA)
Glyceria maxima (POA)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Helianthus annuus (AST)
Helianthus pumilus (AST)
Heterotheca villosa (AST)
Iva axillaris (AST)
Juncus arcticus (JUN)
Juncus articulatus (JUN)
Juncus confusus (JUN)

Juncus nodosus (JUN)
Juncus torreyi (JUN)
Kochia sieversiana (CHN)
Lactuca serriola (AST)
Lepidium campestre (BRA)
Lepidium perfoliatum (BRA)
Lycopus americanus (LAM)
Lythrum alatum (LYT)
Medicago lupulina (FAB)
Melilotus alba (FAB)
Melilotus officinalis (FAB)
Mentha arvensis (LAM)
Muhlenbergia asperifolia (POA)
Oryzopsis hymenoides (POA)
Pascopyrum (Agropyron) smithii (POA)
Phalaroides (Phalaris) arundinacea (POA)
Phragmites australis (POA)
Plantago lanceolata (PTG)
Polypogon monspeliensis (POA)
Populus deltoides (SAL)
Potamogeton foliosus (POT)
Psathyrostachys (Elymus) juncea (POA)
Psoralidium (Psoralea) lanceolatum (FAB)
Puccinellia nuttalliana (POA)
Rhus aromatica ssp trilobata (ANA)
Rorippa sinuata (BRA)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Salix exigua (SAL)
Schoenoplectus acutus (CYP)
Secale cereale (POA)
Solidago canadensis (AST)
Sonchus asper (AST)
Sonchus arvensis (AST)
Sophora nuttalliana (FAB)
Sphenopholis obtusata (POA)
Sporobolus airoides (POA)
Stipa comata (POA)
Stipa viridula (POA)
Sisymbrium altissimum (BRA)
Thelesperma megapotamicum (AST)
Tragopogon dubius (AST)
Trifolium fragiferum (FAB)
Trifolium pratense (FAB)
Typha angustifolia (TYP)
Typha latifolia (TYP)
Verbascum thapsus (SCR)
Verbena hastata (VRB)
Veronica anagallis-aquatica (SCR)
Virgulus (Aster) falcatus AST
Xanthium strumarium (AST)
Yucca glauca (AGHA)

Agrostis gigantea (POA)
Ambrosia psilostachya (AST)
Andropogon gerardii POA)
Artemisia ludoviciana (AST)
Asclepias speciosa (ASC)
Carduus nutans (AST)
Carex simulata (CYP)
Cichorium intybus (AST)
Convolvulus arvensis (CNV)
Dactylis glomerata (POA)
Daucus carota (API)
Dianthus armeria (CRY)
Eleocharis palustris (CYP)
Elytrigia repens POA)
Festuca pratensis (POA)
Gutierrezia sarothrae (AST)
Hippochaete hyemalis (EQU)
Hypericum perforatum (HYP)
Juncus confusus (JUN)
Juncus torreyi (JUN)
Lepidium campestre (BRA)
Muhlenbergia asperifolia (POA)
Oligoneuron rigidum (AST)
Opuntia compressa (CAC)
Panicum virgatum (POA)
Phleum pratense (POA)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Prunella vulgaris (LAM)
Psoralidium tenuiflorum (FAB)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Schizachyrium scoparium (POA)
Sorghastrum nutans (POA)
Sporobolus asper)POA)
Symphoricarpos occidentale (CPR)
Taraxacum officinale (AST)
Thermopsis divaricarpa (FAB)
Tragopogon dubius (AST)
Trifolium pratense (FAB)
Verbascum thapsus (SCR)
Virgulus falcatus (AST)

BOULDER OPEN SPACE
PLANT LIST
William A. Weber

Tallgrass Area # 3

This list was compiled on the morning of August 12, 1986, by the author on a field trip with Sam Antonio and Kim Foster.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

BOULDER OPEN SPACE
PLANT LIST
William A. Weber

Tallgrass Area # 6

This list was compiled on the morning of August 12, 1986, by the author on a field trip with Sam Antonio and Kim Foster.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

Agaloma marginata (EUP)
Agropyron desertorum (POA)
Agrostis gigantea (POA)
Alyssum minus (BRA)
Amaranthus retroflexus (AMA)
Ambrosia psilostachya (AST)
Ambrosia trifida (AST)
Amorpha fruticosa (FAB)
Arctium minus (AST)
Aristida purpurea (POA)
Artemisia frigida (AST)
Asclepias speciosa (ASC)
Asparagus officinalis (ASP)
Aster hesperius (AST)
Astragalus sp. (FAB)
Bidens cernua (AST)
Bidens cernua (AST)
Botelua curtispindula (POA)
Brickellia eupatorioides (AST)
Bromus japonicus (POA)
Buchloe dactyloides (POA)
Carduus nutans (AST)
Carex brevior (CYP)
Cerasus sp. (ROS)
Chenopodium berlandieri (CHN)
Cichorium intybus (AST)
Cirsium arvense (AST)
Cirsium flodmanii (AST)
Convolvulus arvensis (CNV)
Critesion jubatum (POA)
Dactylis glomerata (POA)
Dichanthelium lanuginosum (POA)
Distichlis spicata (POA)
Elaeagnus angustifolia (ELE)
Eleocharis acicularis (CYP)
Eleocharis palustris (CYP)
Elytrigia repens (POA)
Equisetum arvense (EQU)
Gaura coccinea (ONA)
Gaura parviflora (ONA)
Glycyrrhiza lepidota (FAB)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Helianthus annuus (AST)
Heterotheca villosa (AST)
Juncus arcticus (JUN)
Juncus articulatus (JUN)
Juncus confusus (CYP)
Kochia sieversiana (CHN)
Lactuca serriola (AST)
Liatris punctata (AST)
Melilotus alba (FAB)
Mentha arvensis (LAM)
Oenothera villosa (ONA)

Oligoneuron rigidum (AST)
Onosmodium molle (BOR)
Opuntia compressa (CAC)
Panicum virgatum (POA)
Persicaria lapathifolia (PLG)
Phleum pratense (POA)
Phyla lanceolata (VRB)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Yucca glauca (AGA)
Populus deltoides (SAL)
Psoraleidium tenuiflorum (FAB)
Ranunculus macounii (RAN)
Ratibida columnifera (AST)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Salix exigua (SAL)
Salsola collina (CHN)
Schizachyrium scoparium (POA)
Schoenoplectus pungens (CYP)
Solanum rostratum (SOL)
Solidago canadensis (AST)
Solidago missouriensis (AST)
Spartina pectinata (POA)
Sphaeralcea coccinea (AST)
Sporobolus asper (POA)
Townsendia hookeri (AST)
Tragopogon dubius (AST)
Tribulus terrestris (ZYG)
Trifolium pratense (FAB)
Verbascum thapsus (SCR)
Veronica americana (SCR)
Veronica salina (SCR)
Virgulus falcatus (AST)
Xanthium strumarium (AST)

BOULDER OPEN SPACE
PLANT LIST
William A. Weber

Tallgrass Area # 7

This list was compiled on the morning of August 12, 1986, by the author on a field trip with Sam Antonio and Kim Foster.

Specimens were collected for the Open Space herbarium, and certain ones were taken in duplicate for the University of Colorado Herbarium.

The following list is divided into one for the tall grass prairie, wet phase at the bottom of the site, and one for the upland dry site.

Tall grass zone, wet regime

Acetosella vulgaris (PLG)
Achillea lanulosa (AST)
Agrostis gigantea (POA)
Alisma brevipes (ALI)
Ambrosia psilostachya (AST)
Anbrosia trifida (AST)
Andropogon gerardii (POA)
Artemisia ludoviciana (AST)
Aster hesperius (AST)
Bidens cernus (AST)
Botelua gracilis (POA)
Bromus japonicus (POA)
Carduus nutans (AST)
Carex nebrascensis (CYP)
Carex scoparia)CYP)
Cichorium intybus (AST)
Cirsium arvense (AST)
Convolvulus arvensis (CNV)
Critesion jubatum (POA)
Dactylis glomerata (POA)
Dalex candida (FAB)
Dianthus armeria (CRY)
Dichanthelium lanuginosum (POA)
Elaeagnus angustifolia (ELE)
Eleocharis palustris (CYP)
Epilobium ciliatum (ONA)
Glycyrrhiza lepidota (FAB)
Hypericum perforatum (HYP)
Juncus arcticus (JUN)
Juncus confusus (JUN)
Juncus longistylis (JUN)
Juncus torreyi (JUN)
Lactusa serriola (AST)
Lepidium campestre (BRA)
Liatris punctata (AST)
Lupinus argenteus (FAB)
Lycopus americana (LAM)
Melilotus alba (FAB)
Melilotus officinalis (FAB)
Mentha arvensis (LAM)
Muhlenbergia asperifolia (POA)
Oenothera villosa (ONA)
Oligoneuron rigidum (AST)
Oligosporus campestris (AST)
Oligosporus dracunculus (AST)
Panicum virgatum (POA)
Phleum pratense (POA)
Plantago lanceolata (PTG)
Poa compressa (POA)
Poa pratensis (POA)
Potentilla norvegica (ROS)
Prunella vulgaris (LAM)

Psoralidium tenuiflorum (FAB)
Rosa arkansana (ROS)
Rumex crispus (PLG)
Schizachyrium scoparium (POA)
Sorghastrum nutans (POA)
Spartina pectinata (POA)
Sporobolus heterolepis (POA)
Synphoricarpos occidentale (CPR)
Trifolium pratense (FAB)
Typha latifolia (TYP)
Verbascum thapsus (SCR)
Verbena hastata (VRB)

Dry upland phase

Acetosella vulgaris (PLG)
Alyssum minus (BRA)
Andropogon gerardii (POA)
Anisantha tectorum (POA)
Aristida purpurea (POA)
Artemisia frigida (AST)
Bromus japonicus (POA)
Carduus nutans (AST)
Ceanothus americanus (RHM)
Cirsium undulatum (AST)
Convolvulus arvensis (CNV)
Erigeron flagellaris (AST)
Evolvulus nuttallianus (CNV)
Gaillardia aristata (AST)
Grindelia squarrosa (AST)
Gutierrezia sarothrae (AST)
Heterotheca fulcrata (AST)
Hypericum perforatum (HYP)
Lactuca serriola (AST)
Liatris punctatus (AST)
Oligosporus campestris (AST)
Opuntia compressa (CAC)
Panicum virgatum (POA)
Phacelia heterophylla (HYD)
Pinus ponderosa (PIN)
Poa compressa (POA)
Podospermum laciniatum (AST)
Psoralidium tenuiflorum (FAB)
Pterogonum alatum (PLG)
Schizachyrium scoparium (POA)
Senecio spartioides (AST)
Tragia ramosa (EUP)
Tragopogon dubius (AST)
Verbascum thapsus (SCR)
Yucca glauca (AGA)