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DEC - 3 2004

A Preliminary List of the
VASCULAR PLANTS OF SCOTTS BLUFF NATIONAL MONUMENT
(first edition, February 1996)

ACERACEAE (Maple family)

Acer negundo L. var. interius (Britt.) Sarg. (box elder) - floodplain terraces.

Acer negundo L. var. negundo (box elder) - floodplain terraces.

AGAVACEAE (Agave family)

Yucca glauca Nutt. (yucca) - upland prairie, particularly in sandy soils.

ALISMATACEAE (Water plantain family)

Sagittaria cuneata Sheld. (duck-potato arrowhead) - uncommon in wet sand along margin of N. Platte River.

AMARANTHACEAE (Pigweed family)

Amaranthus albus L. (tumbleweed) - disturbed ground.

Amaranthus blitoides S. Wats. [A. graecizans] (prostrate pigweed) - uncommon in disturbed ground.

Amaranthus retroflexus (rough pigweed) - disturbed ground.

ANACARDIACEAE (Sumac family)

Rhus aromatica Ait. var. trilobata (Nutt.) Gray (skunkbrush sumac). - common in ravines, on slopes, and rocky outcrops.

Toxicodendron rydbergii (Small) Greene (poison ivy) - in shrubby draws.

APIACEAE

Serula erecta (Huds.) Cov. var. incisum (Torr.) Cronq. (water parsnip) - seeps below Gering Canal.

Cicuta maculata L. (water hemlock) - seeps below Gering Canal.

Sanium maculatum L. (poison hemlock) - disturbed ground in floodplain.

Cymopterus acaulis (Pursh) Raf. (cymopterus) - rocky prairie slopes.

Cymopterus montanus (cymopterus) - rocky prairie slopes.

Lomatium nuttallii (Gray) Macbr. (dog parsley) - siltstone badlands. Rare in Nebraska.

Musineon tenuifolium Nutt. (musineon) - rock outcrops.

APOCYNACEAE (Dogbane family)

Apocynum cannabinum L. (hemp dogbane) - moist ground.

ASCLEPIADACEAE (Milkweed family)

Asclepias engelmanniana (Engelmann's milkweed) - rocky siltstone slopes.

Asclepias incarnata (swamp smartweed) - seepages below Gering Canal

Asclepias pumila (dwarf milkweed) - upland prairie.

Asclepias speciosa (showy milkweed) - disturbed ground.

Asclepias viridiflora (green milkweed) - upland prairie.

ASTERACEAE (Sunflower family)

Ambrosia artemisiifolia L. (common ragweed) - disturbed ground near N. Platte River.

Ambrosia psilostachya DC. (western ragweed) - upland prairie.

Ambrosia trifida L. (giant ragweed) - low ground.

Antennaria microphylla Rybd. (pink pussy-toes) - among pines on upper slopes of bluffs.

Antennaria parvifolia Nutt. (Rocky Mountain pussy-toes) - sandsage prairie.

Artemisia campestris L. var. caudata (Michx.) Palmer & Steyererm. (green sage) - uncommon in gravelly terrace of N. Platte River.

Artemisia campestris L. var. scouleriana (Bess.) Cronq. (perennial green sage) - rocky slopes of draws.

Artemisia cana Pursh (dwarf sagebrush) - badland draws.

Artemisia dracunculus L. (silky wormwood) - upland prairie.

Artemisia filifolia Torr. (sand sagebrush) - sandy prairie.

Artemisia frigida Willd. (fragrant sagebrush) - upland prairie.

Artemisia ludoviciana Nutt. var. ludoviciana (white sage) - sandy terraces of the N. Platte River.

Artemisia ludoviciana Nutt. var. mexicana (Willd.) Fern. - spoils banks of canals, likely introduced.

Aster commutatus (T. & G.) Gray (heath aster) - upland prairie.

Aster pensus Blake (lowland heath aster) - low ground.

Bidens comosa (Gray) Wieg. (beggar-ticks) - moist ground.

Bidens frondosa L. (common beggar-ticks) - moist ground.

Brickellia grandiflora (Hook.) Nutt. (brickellia) - rocky siltstone slopes.

Carduus nutans L. (musk thistle) - disturbed ground.

Centaurea diffusa Lam. (diffuse knapweed) - disturbed ground at old country club site.

Chrysothamnus nauseosus (Pall.) Britt. (rabbit-brush). Disturbed prairie, badlands.

Chrysothamnus parryi (Gray) Greene ssp. howardii (Parry) Hall & Clem. (low rabbit-brush) - siltstone badland slopes. Rare in Nebraska.

Cirsium arvense (L.) Scop. (Canada thistle) - low disturbed ground.

Cirsium canescens Nutt. (Platte thistle) - upland (often rocky) prairie.

Cirsium flodmanii (Rydb.) Arthur (Flodman's thistle) - level silty prairie near highway.

Cirsium ochrocentrum Gray (yellow-spine thistle) - level silty prairie.

Cirsium vulgare (Savi) Ten. (bull thistle) - near seeps below Gering Canal.

Conyza canadensis (L.) Cronq. (mare's tail) - disturbed ground.

Crepis atriobarba Heller (hawk's-beard) - open pine woods on upper slopes of South Bluff.

Dyssodia papposa (Vent.) Hitchc. (fetid marigold) - disturbed ground.

Echinacea angustifolia DC. (purple coneflower) - INTRODUCED in grass seedings.

Erigeron bellidiastrum Nutt. (western fleabane) - uncommon in upland prairie.

Erigeron canus Gray (fleabane) - rocky places.

Erigeron pumilus Nutt. (fleabane) - upland prairie.

Euthamia gymnospermoides Greene (viscid goldenrod) - moist ground near seeps below Gering Canal.

Euthamia occidentalis Nutt. (western euthamia) - floodplain of N. Platte River.

Grindelia squarrosa (Pursh) Dun. (gumweed) - disturbed ground.

Gutierrezia sarothrae (Pursh) Britt. & Rusby (broom snakeweed) - common in uplands, usually where rocky.

Helianthus annuus L. (common sunflower) - disturbed places.

Helianthus maximilianii Schrad. (Maximilian sunflower) - badlands basins.

Helianthus petiolaris Nutt. (plains sunflower) - disturbed, sandy soil.

Heterotheca horrida (Rydb.) Harms [Chrysopsis horrida] (hoary golden-aster) - disturbed ground in prairie N of Scotts Bluff (possibly not distinct from the following).

Heterotheca villosa (Pursh) Shinnars var. hispida (Hook.) Harms [Chrysopsis villosa var. hispida] (hairy golden-aster) - rocky prairie on summit of bluffs.

Heterotheca villosa (Pursh) Shinnars var. villosa [Chrysopsis villosa var. villosa] (golden-aster) - upland prairie.

Hymenopappus filifolius Hook. var. polycephalus (Osterh.) B. L. Turner - rocky places, prairie.

Hymenoxys acaulis (Pursh) Parker (hymenoxys) - rocky places.

Iva axillaris Pursh var. robustior Hook. (poverty weed) - alkaline ground in badlands NE of Scott's Bluff.

Iva xanthifolia Nutt. (marsh elder) - disturbed ground.

Kuhnia eupatorioides L. var. corymbulosa T. & G. (false boneset) - prairie.

Lactuca oblongifolia Nutt. (blue lettuce) - prairie, disturbed places.

Lactuca serriola L. (prickly lettuce) - disturbed ground, common throughout.

Liatris punctata Hook. (dotted gayfeather) - prairie.

Lygodesmia juncea (Pursh) Hook. (skeletonplant) - prairie.

Machaeranthera canescens (Pursh) A. Gray - disturbed prairie.

Machaeranthera pinnatifida (Hook.) Shinnars var. pinnatifida [Haplopappus spinulosus ssp. spinulosus] (cutleaf ironplant) - prairie.

Microseris cuspidata (Pursh) Sch.-Bip. (false dandelion) - prairie.

Ratibida columnifera (Nutt.) Woot. & Standl. (prairie coneflower) - prairie.

Rudbeckia hirta L. (black-eyed susan) - introduced in areas seeded to native grass species.

Senecio canus Hook. (gray ragwort) - rocky places, badlands.

Senecio integerrimus Nutt. var. integerrimus (lamb's-ear groundsel) - prairie slopes, particularly near pine woods.

Senecio plattensis Nutt. (prairie ragwort) - sandy prairie.

Senecio riddellii T. & G. (Riddell ragwort) - prairie slopes, often in loose, sandy soil.

Solidago canadensis L. (common goldenrod) - floodplain terraces.

Solidago missouriensis Nutt. (Missouri goldenrod) - prairie, rocky places.

Solidago mollis Bartl. (soft goldenrod) - prairie.

Sonchus asper (L.) Hill (prickly sow thistle) - disturbed ground in floodplain.

Sonchus oleraceus L. (common sow thistle) - disturbed ground.

Stephanomeria runcinata Nutt. (wire lettuce) - siltstone outcrops.

Taraxacum officinale Weber (dandelion) - disturbed places.

Thelesperma megapotaemicum (Spreng.) O. Ktze. (greenthread) - prairie.

Townsendia grandiflora Nutt. (easter daisy) - rocky places.

Tragopogon dubius Scop. (wild salsify) - disturbed places, common.

Xanthium strumarium L. (cocklebur) - disturbed ground.

BORAGINACEAE

Cryptantha cana (A. Nels.) Pays. (cryptantha) - rocky places.

Cryptantha celosioides (Eastw.) Pays. - rocky places, badlands.

Cryptantha minima Rydb. - disturbed places.

Cryptantha thyrsiflora (Greene) Pays. - rocky places, our collections may be C. celosioides.

Cynoglossum officinale L. (hound's-tongue) - floodplain, weedy.

Lappula cenchrusoides A. Nels. (stickseed) - margins of badlands.

Lappula redowskii (Hornem.) Greene - disturbed prairie.

Lappula texana (Scheele) Britt. - disturbed prairie.

Lithospermum incisum Lehm. (gromwell) - prairie.

BRASSICACEAE

Alyssum desertorum Stapf (alyssum) - disturbed ground, common.

Arabis holboellii Hornem. (rock cress) - open pine woods, prairie slopes.

Camelina microcarpa Andrz. ex DC. (small-seeded false flax) - disturbed ground.

Chorispora tenella (Pall.) DC. (blue mustard) - disturbed ground.

Descurainia pinnata (Walt.) Britt. (tansy mustard) - disturbed ground, prairie.

Descurainia sophia (L.) Webb (flixweed) - disturbed ground.

Erysimum asperum (Nutt.) DC. (western wallflower) - prairie.

Hesperis matronalis L. (dame's rocket) - disturbed ground, uncommon.

Lepidium densiflorum Schrad. (peppergrass) - disturbed prairie.

Lepidium latifolium L. - low ground in floodplain.

Lesquerella ludoviciana S. Wats. (bladderpod) - prairie.

Physaria brassicoides Rydb. (double bladderpod) - siltstone outcrops in Mitchell Pass.

Rorippa palustris (L.) Bess. (bog yellow cress) - moist ground.

Rorippa sinuata (Nutt.) Hitchc. (spreading yellow cress) - floodplain.

Sisymbrium altissimum L. (tumbling mustard) - common in disturbed ground.

Thelypodium integrifolium (Nutt.) Endl. (thelypody) - alkaline seepages below Gering Canal.

Thlaspi arvense L. (pennycress) - disturbed ground in floodplain.

CACTACEAE

Coryphantha vivipara (Nutt.) Britt. & Rose (pincushion cactus) - prairie slopes.

Opuntia fragilis (Nutt.) Haw. (brittle prickly pear) - Sandy prairie.

Opuntia macrorhiza Engelm. (plains prickly pear) - prairie.

Opuntia polyacantha Haw. (plains prickly pear) - prairie, often where rocky.

CANNABINACEAE

Cannabis sativa L. (hemp) - moist, disturbed ground.

CAPPARACEAE

Cleome serrulata Pursh (Rocky Mountain bee plant) - disturbed ground.

Polanisia dodecandra (L.) DC. ssp. trachysperma (T. & G.) Iltis (clammyweed) - disturbed ground.

CAPRIFOLIACEAE

Symphoricarpos occidentalis Hook. (western snowberry). Common on slopes and in ravines.

CARYOPHYLLACEAE

Eremogone hookeri (Nutt. ex T. & G.) Weber [Arenaria hookeri] (desert sandwort) - rocky outcrops.

Paronychia depressa (T. & G.) Nutt. ex A. Nels (nailwort) - rocky outcrops.

Paronychia sessiliflora Nutt. (nailwort) - rocky outcrops atop the South Bluff.

Stellaria media (L.) Vill. (chickweed) - disturbed ground.

CHENOPODIACEAE

Atriplex canescens (Pursh) Nutt. (saltbush) - badlands and prairie slopes.

Atriplex gardneri (Moq.) Standl. (saltbush) - collected near Scott's Bluff by P. A. Rydberg in 1891, probably from badlands.

Atriplex heterosperma Bunge - disturbed ground along Gering Canal service road.

Atriplex prostrata Boucher ex DC. - floodplain terraces.

Atriplex subspicata (Nutt.) Rydb. - alkaline seep below Gering Canal.

Chenopodium berlandieri Moq. (pitseed goosefoot) - disturbed ground.

Chenopodium fremontii S. Wats. (Fremont goosefoot) - disturbed ground under juniper.

Chenopodium glaucum L. (oak-leaved goosefoot) - sandbars.

Chenopodium pratericola Rydb. (narrow-leaf goosefoot) - disturbed prairie.

Kochia scoparia (L.) Schrad. (kochia) - disturbed ground, common.

Krascheninnikovia lanata (Pursh) Meeuse & Smit [Ceratoides lanata] winterfat - common in prairie.

Salsola collina Pallas (Russian thistle) - disturbed ground.

Salsola kali L. [S. iberica] (Russian thistle) - disturbed ground, particularly in badlands.

COMMELINACEAE

Tradescantia occidentalis (Britt.) Smyth (western spiderwort) - prairie.

CONVOLVULACEAE

Convolvulus arvensis L. (field bindweed) - disturbed ground.

Evolvulus nuttallianus R. & S. (evolvulus) - prairie.

Ipomoea leptophylla Torr. (bush morning-glory) - sandsage prairie and steep sandy slopes.

CUCURBITACEAE

Echinocystis lobata (Michx.) T. & G. (wild cucumber) - ravine, banks, climbing on shrubs N of Scott's Bluff.

CUPRESSACEAE

Juniperus scopulorum Sarg. (Rocky Mountain juniper) - slopes and draws.

Juniperus virginiana L. (eastern red cedar) - evidently planted and persisting here and there around the monument.

CYPERACEAE

Carex brevior (Dew.) Mack. ex Lunell (fescue sedge) - floodplain meadow.

Carex eleocharis Bailey - prairie.

Carex filifolia Nutt. - abundant in undisturbed prairie.

Carex hallii Olney - wet ground in Scott's Spring.

Carex nebrascensis Dew. - wet ground of seepage areas.

Carex praeegracilis W. Boott (clustered field sedge) - meadows.

Cyperus squarrosus L. [C. aristatus] (sweet-scented flatsedge) - sandbars.

Eleocharis erythropoda Steud. (spikerush) - margin of Platte River.

Fimbristylis puberula (Michx.) Vahl var. interior (Britt.) Kral - alkaline seeps below Gering Canal.

Scirpus validus Vahl (softstem bulrush) - margins of Platte River.

ELAEAGNACEAE

Elaeagnus angustifolia L. (Russian olive) - floodplain.

Shepherdia argentea (Pursh) Nutt. - slopes.

EQUISETACEAE

Equisetum arvense L. (horsetail) - low ground in floodplain.

Equisetum laevigatum (scouringrush) - prairie.

EUPHORBIACEAE

Croton texensis (Kl.) Muell.-Arg. (croton) - disturbed sandy ground.

Euphorbia dentata Michx. (toothed spurge) - disturbed ground.

Euphorbia glyptosperma Engelm. (ridge-seeded spurge) - disturbed prairie.

Euphorbia hexagona Nutt. (spurge) - disturbed ground.

Euphorbia missurica Raf. (prairie spurge) - sandy disturbed ground.

Euphorbia prostrata Ait. - disturbed ground near visitor's center.

Euphorbia robusta (Engelm.) Small - rocky places.

Euphorbia serpyllifolia Pers. - gravelly terraces in floodplain.

Euphorbia spathulata Lam. - floodplain meadow.

FABACEAE

Astragalus adsurgens Pall. var. robustior Hook. (milk-vetch) - rocky places.

Astragalus gracilis Nutt. (slender milk-vetch) - prairie.

Astragalus kentrophyta Gray var. kentrophyta (spiny milk-vetch) - badlands and canal service road.

Astragalus lotiflorus Hook. (lotus milk-vetch) - prairie.

Astragalus missouriensis Nutt. (milk-vetch) - prairie, often where rocky.

Astragalus mollissimus Torr. (woolly locoweed) - prairie N of Scott's Bluff, uncommon.

Astragalus pectinatus Doug. ex G. Don (tine-leaved milk-vetch) - siltstone outcrops, badlands (mostly N of Scott's Bluff).

Astragalus spatulatus Sheld. (draba milk-vetch) - rocky places.

Dalea aurea Nutt. ex Pursh (golden prairie-clover) - prairie along Saddle Rock trail.

Dalea candida Michx. ex Willd. var. oligophylla (Torr.) Shinnars (white prairie clover) - prairie and rocky places.

Gleditsia triacanthos L. (honey locust) - apparently persisting from cultivation.

Glycyrrhiza lepidota Pursh (wild licorice) - low ground, ravines, floodplain.

Lathyrus polymorphus Nutt. (hoary vetchling) - prairie.

Lupinus pusillus Pursh (rusty lupine) - prairie.

Medicago sativa L. (alfalfa) - disturbed ground.

Melilotus albus Medic. (white sweet-clover) - disturbed ground, rocky places.

Melilotus officinalis (yellow sweet-clover) - disturbed ground.

Oxytropis lambertii Pursh (purple locoweed) - sandy prairie.

Oxytropis sericea Nutt. (white locoweed) - rocky places.

Psoralea argophylla Pursh (silvery scurf-pea) - prairie.

Psoralea esculenta Pursh (breadroot scurf-pea) - prairie.

Psoralea hypogaea Nutt. (little breadroot scurf-pea) - prairie, photographed in 1995.

Psoralea lanceolata Pursh (lemon scurf-pea) - rocky places.

Psoralea tenuiflora Pursh (wild alfalfa) - prairie.

Robinia pseudoacacia L. (black locust) - persisting and spreading from cultivation E of Scott's Bluff.

Thermopsis rhombifolia Nutt. ex Richards. (sicklepod) - prairie slopes and rocky places.

Vicia americana Muhl. ex Willd. var. minor Hook. (American vetch) - prairie.

Vicia villosa Roth var. villosa (hairy vetch) - disturbed ground.

GROSSULARIACEAE

Ribes cereum Dougl. var. inebrians (Lindl.) C. L. Hitchc. (western red currant) - open pine-wooded slopes.

Ribes odoratum Wendl. (buffalo currant) - ravines and low places.

HYDROPHYLLACEAE

Ellisia nyctelea L. (waterpod) - scattered in prairie.

Phacelia hastata Dougl. ex Lehm. var. leucophylla (Torr.) Cronq. (scorpionweed) - siltstone outcrops.

IRIDACEAE

Sisyrinchium montanum Greene (blue-eyed grass) - wet ground in Scott's Spring.

JUGLANDACEAE

Juglans nigra L. (black walnut) - moist ravines fed by canal overflow, S side of monument, spreading by seed.

JUNCACEAE

Juncus balticus Willd. (Baltic rush) - moist ground.

Juncus torreyi Cov. (Torrey rush) - moist ground.

JUNCAGINACEAE

Triglochin maritimum L. (arrowgrass) - alkaline seeps below Gering Canal.

LAMIACEAE

Hedeoma drummondii Benth. (false pennyroyal) - rocky places.

Hedeoma hispidum Pursh (rough false pennyroyal) - disturbed prairie.

Lamium amplexicaule L. (henbit) - disturbed places.

Lycopus americanus Muhl. ex Bart. (American bugleweed) - moist ground.

Lycopus asper Greene (rough bugleweed) - moist ground.

Mentha arvensis L. (field mint) - moist ground in floodplain.

Monarda pectinata Nutt. (spotted beebalm) - disturbed sandy prairie.

Nepeta cataria L. (catnip) - draws, usually among shrubs.

Salvia reflexa Hornem. (lance-leaved sage) - disturbed prairie.

Teucrium canadense L. var. occidentale (Gray) McCl. & Epl.
(germander) - low ground in floodplain.

LEMNACEAE

Lemna minor L. (duckweed) - standing water.

LILIACEAE

Allium textile A. Nels. & Macbr. (wild onion) - prairie.

Asparagus officinalis L. (wild asparagus) - low, disturbed ground.

Fritillaria atropurpurea Nutt. (leopard lily) - prairie along badlands margins, most common in Mitchell Pass.

Leucocrinum montanum Nutt. (mountain lily) - prairie.

Smilacina stellata (L.) Desf. (false Solomon's seal) - low ground and wooded areas.

Zigadenus venenosus S. Wats. (death camas) - prairie.

LINACEAE

Linum rigidum Pursh var. compactum (A. Nels.) Rogers (wild flax) - prairie, often near badlands.

Linum rigidum Pursh var. rigidum (wild flax) - sandy prairie.

LOASACEAE

Mentzelia albicaulis (Hook.) T. & G. - collected on N side of Scotts's Bluff by P. A. Rydberg in 1891, the only Nebraska collection of this species.

Mentzelia decapetala (Pursh) Urban & Gilg (mentzelia) - rocky places, cliffs.

Mentzelia nuda (Pursh) T. & G. (stickleaf) - sandy prairie.

MALVACEAE

Sphaeralcea coccinea (Pursh) Rydb. (globe mallow) - prairie.

NYCTAGINACEAE

Abronia fragrans Nutt. ex Hook. (sweet sand verbena) - sandy prairie, uncommon.

Mirabilis hirsuta (Pursh) MacM. (hairy four-o'clock) - prairie.

Mirabilis linearis (Pursh) Heimerl. (narrowleaf four-o'clock) - prairie.

Mirabilis nyctaginea (Michx.) MacM. (wild four-o'clock) - disturbed ground in floodplain.

OLEACEAE

Fraxinus pennsylvanica Marsh. (green ash) - floodplain.

ONAGRACEAE

Calylophus serrulatus (Nutt.) Raven (plains yellow primrose) - prairie.

Epilobium ciliatum Raf. ssp. ciliatum (willow-herb) - brushy pool below Scott's Spring.

Epilobium leptophyllum Raf. (narrow-leaved willow-herb) - seeps below Gering Canal.

Gaura coccinea Pursh (scarlet gaura) - prairie.

Gaura parviflora Dougl. (velvety gaura) - disturbed ground.

Oenothera caespitosa Nutt. ssp. caespitosa (gumbo lily) - rocky places.

Oenothera nuttallii Sweet (white-stemmed evening primrose) - sandy prairie.

Oenothera villosa Thunb. (common evening primrose) - disturbed ground.

OROBANCHACEAE

Orobanche fasciculata Nutt. (broomrape) - prairie and badlands, parasitic, frequently on Artemisia frigida

Orobanche ludoviciana Nutt. (broomrape) - badlands.

PAPAVERACEAE

Argemone polyanthemus (Fedde) G. Ownbey (prickly poppy) - disturbed prairie.

PINACEAE

Picea pungens Engelm. (blue spruce) - cultivated.

Pinus ponderosa Laws. (Ponderosa pine) - slopes and deep draws.

PLANTAGINACEAE

Plantago patagonica Jacq. var. patagonica (woolly plantain) - disturbed ground.

POACEAE

Agropyron cristatum (L.) Gaertn. (crested wheatgrass) - seeded grassland and elsewhere.

Agrostis stolonifera L. (redtop) - low ground, canal banks.

Alopecurus arundinaceus Poir. (meadow foxtail) - moist ground in floodplain.

Andropogon hallii Hack. (sand bluestem) - prairie.

Aristida purpurea Nutt. var. longiseta (Steud.) Vasey (red three-awn) - rocky places.

Aristida purpurea Nutt. var. robusta (Merrill) A. Holmgren & N. Holmgren (red three-awn) - seeded grassland, probably also native in some places in prairie.

Avena fatua L. var. fatua (wild oats) - disturbed ground along canals.

Avena fatua L. var. sativa (oats) - disturbed ground.

Bouteloua curtipendula (Michx.) Torr. (sideoats grama) - prairie, often where rocky.

Bouteloua gracilis (H.B.K.) Lag. ex Griffiths (blue grama) - prairie, particularly common in shallow soil.

Bromus inermis Leyss. (smooth brome) - seeded grassland.

Bromus japonicus Thunb. ex Murr. (Japanese brome) - disturbed ground, common.

Bromus squarrosus L. - disturbed slopes.

Bromus tectorum L. (downy brome) - far too abundant in many habitats.

Buchloe dactyloides (buffalo grass) - prairie.

Calamovilfa longifolia (Hook.) Scribn. (prairie sandreed) - prairie, particularly where sandy.

Cenchrus longispinus (Hack.) Fern. (sandbur) - disturbed ground.

Distichlis spicata (L.) Greene var. stricta (Torr.) Beetle (inland saltgrass) - low alkaline spots.

Echinochloa muricata (Beauv.) Fern. var. microstachya Wieg. (barnyard grass) - disturbed ground.

Elymus canadensis L. (Canada wildrye) - low ground.

Elymus elongatus (Host) Runem. [Agropyron elongatum] (tall wheatgrass) - seeded grassland.

Elymus elymoides (Raf.) Swezey var. brevifolius (Sm.) Dorn [Sitanion hystrix] (squirreltail) - prairie and rocky places.

Elymus hispidus (Opiz) Melderis [Agropyron intermedium] - disturbed ground, seeded grassland.

Elymus junceus Fisch. (Russian wildrye) - disturbed ground.

Elymus lanceolatus (Scribn. & Sm.) Gould [Agropyron dasystachyum] - prairie and rocky places.

Elymus Xmacounii Vasey [Agrohordeum macounii] - badland washes

Elymus trachycaulus (Link) Gould ex Shinnars var. trachycaulus [Agropyron caninum ssp. majus var. majus] - low, moist ground.

Elymus repens (L.) Gould [Agropyron repens] (quackgrass) - low ground in floodplain.

Elymus smithii (Rydb.) Gould [Agropyron smithii] (western wheatgrass) - prairie.

Eragrostis cilianensis (All.) E. Mosher (stinkgrass) - disturbed ground.

Eragrostis pectinacea (Michx.) Nees (Carolina lovegrass) - sandbars.

Festuca arundinacea Schreb. (tall fescue) - disturbed places.

Festuca octoflora Walt. (six-weeks fescue) - disturbed prairie.

Hordeum jubatum L. (foxtail barley) - low ground.

Koeleria macrantha (Ledeb.) Schultes [K. pyramidata] (Junegrass) - prairie.

Muhlenbergia asperifolia (Nees & Mey. ex Trin.) Parodi (alkali muhly) - low, moist ground.

Muhlenbergia cuspidata (Torrey ex Hook.) Rydb. (rock muhly) - rocky places.

Muhlenbergia mexicana (L.) Trin. (wirestem muhly) - low ground, ravines.

Muhlenbergia pungens Thurb. (sand muhly) - rocky places.

Muhlenbergia racemosa (Michx.) B.S.P. (marsh muhly) - ravine bottoms.

Munroa squarrosa (Nutt.) Torr. (false buffalo-grass) - disturbed ground.

Oryzopsis hymenoides (R. & S.) Ricker ex Piper (Indian ricegrass) - rocky places, badlands.

Oryzopsis micrantha (Trin. & Rupr.) Thurb. (little-seed ricegrass) - under juniper.

Panicum capillare L. (witchgrass) - disturbed ground.

Panicum virgatum L. (switchgrass) - low ground, prairie.

Phalaris arundinacea L. (reed canary grass) - floodplain, canal banks.

Phragmites australis (Cav.) Trin. ex Steud. (common reed) - floodplain.

Poa palustris L. (fowl bluegrass) - floodplain.

Poa pratensis L. (Kentucky bluegrass) - ravines, low places.

Poa secunda Presl (bluegrass) - rocky places, upper slopes of bluffs.

Schedonnardus paniculatus (Nutt.) Trel. (tumblegrass) - disturbed ground.

Schizachyrium scoparium (Michx.) Nash [Andropogon scoparius] (little bluestem) - prairie, often where rocky.

Secale cereale L. (rye) - disturbed ground.

Setaria viridis (L.) Beauv. (green foxtail) - disturbed ground.

Sorghastrum nutans (L.) Nash (Indian grass) - level, silty prairie in Mitchell Pass.

Spartina pectinata Link (prairie cordgrass) - low ground in floodplain.

Sphenopholis obtusata (Michx.) Scribn. var. obtusata (prairie wedgegrass) - draws in prairie.

Sporobolus airoides (Torr.) Torr. (alkali sacaton) - low alkaline ground in floodplain and along highway.

Sporobolus cryptandrus (Torr.) A. Gray (sand dropseed) - prairie.

Stipa comata Trin. & Rupr. (needle-and-thread) - common in prairie.

Stipa viridula Trin. (green needlegrass) - silty prairie, seeded grassland.

POLEMONIACEAE

Ipomopsis congesta (Hook.) V. Grant (ball-head) - rocky places.

Leptodactylon caespitosum Nutt. - rocky places.

Phlox andicola Nutt. ex A. Gray (plains phlox) - prairie.

Phlox hoodii Rich. - rocky places.

POLYGONACEAE

Eriogonum alatum Torr. (winged eriogonum) - rocky places.

Eriogonum annuum Nutt. (annual eriogonum) - sandy prairie and slopes.

Eriogonum flavum Nutt. (yellow wild buckwheat) - rock outcrops.

Eriogonum pauciflorum Pursh - rock outcrops and badlands.

Polygonum achoreum Blake (knotweed) - road along Gering Canal.

Polygonum convolvulus L. (climbing false buckwheat) - disturbed ground.

Polygonum lapathifolium L. (pale smartweed) - wet ground.

Polygonum ramosissimum Michx. (tall knotweed) - disturbed prairie.

Rumex crispus L. (curly dock) - moist ground.

Rumex patientia L. ssp. patientia (patience dock) - common weed on E side of monument.

Rumex stenophyllus Ledeb. - low ground in floodplain.

Rumex triangulivalvis (Danser) Rech. f. (willow-leaved dock) - canal bank.

Rumex venosus Pursh (wild begonia) - sandy places.

POLYPODIACEAE

Woodsia oregana D. C. Eat. (Oregon grape-fern) - rare under pines.

PORTULACACEAE

Portulaca oleracea L. (common purslane) - disturbed ground in floodplain.

RANUNCULACEAE

Clematis ligusticifolia Nutt. (western clematis) - climbing on shrubs and trees in draws.

Ranunculus macounii Britt. (Macoun's buttercup) - seeps below Gering Canal.

RHAMNACEAE

Rhamnus cathartica L. (buckthorn) - one small tree on bank at margin of floodplain.

RDSACEAE

Cercocarpus montanus Raf. (mountain mahogany) - pine woods and rocky slopes.

Potentilla paradoxa Nutt. (bushy cinquefoil) - low ground in floodplain.

Potentilla pensylvanica L. (cinquefoil) - sandy prairie.

Prunus virginiana L. (chokecherry) - brushy draws.

Rosa woodsii Lindl. (western wild rose) - brushy draws.

RUBIACEAE

Galium aparine L. (catchweed bedstraw) - low ground.

SALICACEAE

Populus deltoides Marsh. ssp. monilifera (Ait.) Eckenw.
(cottonwood) - floodplain.

Salix amygdaloides Anderss. (peachleaf willow) - low ground.

Salix fragilis L. (crack willow) - uncommon in floodplain.

Salix interior Rowlee (sandbar willow) - wet places in floodplain
at Scott's Spring.

Salix rigida Muhl. var. watsonii (Bebb) Cronq. [S. lutea]
(diamond willow) - uncommon in floodplain.

SANTALACEAE

Comandra umbellata (L.) Nutt. ssp. pallida (A. DC.) Piehl
(bastard toadflax) - rocky places.

SCROPHULARIACEAE

Mimulus glabratus H.B.K. var. fremontii (Benth.) A. L. Grant
(roundleaf monkeyflower) - seeps below Gering Canal.

Penstemon albidus Nutt. (white beardtongue) - prairie.

Penstemon angustifolius Nutt. ex Pursh (narrow beardtongue) -
prairie.

Penstemon glaber Pursh - rocky places.

Verbascum thapsus L. (common mullein) - disturbed ground.

Veronica anagallis-aquatica L. (water speedwell) - low ground
along Platte River.

SOLANACEAE

Lycium barbarum L. [L. halimifolium] (matrimony vine) - vicinity
of old country club.

Physalis hederifolia Gray var. comata (Rydb.) Waterfall (ground-
cherry) - prairie.

Physalis hispida (Waterfall) Cronq. (ground-cherry) - sandy
prairie.

Physalis longifolia Nutt. (common ground-cherry) - disturbed ground.

Solanum interius Rydb. (plains black nightshade) - low, disturbed ground.

Solanum rostratum Dun. (buffalo bur) - disturbed ground.

Solanum triflorum Nutt. (cut-leaved nightshade) - disturbed prairie.

TAMARICACEAE

Tamarix ramosissima Ledeb. (saltcedar) - sandbars.

TYPHACEAE

Typha latifolia L. (cat-tail) - wet ground along river.

ULMACEAE

Celtis occidentalis L. (hackberry) - draws.

Ulmus americana L. (American elm) - low ground.

Ulmus pumila L. (Siberian elm) - disturbed ground in a variety of prairie.

URTICACEAE

Parietaria pensylvanica Muhl. (Pennsylvania pellitory) - shady places under trees and shrubs.

Urtica gracilis Ait. [U. dioica] (stinging nettle) - moist draws.

VERBENACEAE

Verbena bracteata Lag. & Rodr. (prostrate verbena) - disturbed places.

Verbena hastata L. (blue verbena) - low ground.

Verbena stricta Vent. (hoary verbena) - prairie.

VIOLACEAE

Viola nuttallii Pursh (yellow violet) - prairie.

VITACEAE

Parthenocissus vitacea (Knerr) Hitchc. (woodbine) - draws.

Vitis riparia Michx. (riverbank grape) - banks in floodplain, also in vicinity of Scott's Spring.

ZYGOPHYLLACEAE

Tribulus terrestris (puncture vine) - disturbed ground.