

SITING LANDSCAPE PLANTS BY ECOLOGICAL ZONES

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Common Name Latin Name Ht (Feet) Width Exposure Other Characteristics

Shrubs for Mesic (moist not saturated) areas

| | | | | | |
|------------------------|-----------------------------------------------|----------|----------|---------------|--------------------------------------------|
| Rocky Mtn. Maple | <i>Acer glabrum</i> | 20' | | Full sun | Inconspicuous flowers |
| Bigtooth Maple | <i>Acer grandidentatum</i> | 15 | 30 | Full sun | Inconspicuous flowers |
| Box Elder | <i>Acer negundo</i> | 25'-30' | 20'-25' | Full sun | Inconspicuous flowers |
| Saskatoon Serviceberry | <i>Amelanchier alnifolia</i> | 8 to 15 | 8 to 15 | Sun/ pt shade | white fl & red berries spring |
| Shiny-leaved Hawthorn | <i>Crataegus erythropoda</i> | 10 to 20 | 8 to 15 | Sun/ pt shade | white fl & red berries spring |
| Western Chokecherry | <i>Padus virginia (melanocarpa)</i> | 15 to 25 | 15 to 20 | Sun/ pt shade | white fl. & purple berries spring |
| Blue Spruce | <i>Picea pungens</i> | 50 to 80 | 15 to 30 | Sun/ pt shade | Evergreen |
| Aspen | <i>Populus tremuloides</i> | 30-50' | clump | Full sun | Clump forming |
| Shrubby Cinquefoil | <i>Potentilla fruticosa (Pentaphylloides)</i> | 3 to 4 | 2 to 3 | Full sun | Yellow, early summer to fall |
| Wild Plum | <i>Prunus americana</i> | 12 to 15 | 15 to 20 | Sun/ pt shade | white fl. & purple plums spring |
| Western Sand Cherry | <i>Prunus pumila var. besseyi</i> | 2 to 3 | 2 to 3 | Sun/ pt shade | white flowers, purple black berries spring |
| Wax Currant | <i>Ribes cereum</i> | 3 to 4 | 3 to 4 | Sun/ pt shade | Pinkish-white, late spring |

Shrubs for subirrigated areas

| | | | | | |
|-------------------------|---------------------------------------|----------|--------|---------------|-------------------------------------------|
| Leadplant; False Indigo | <i>Amorpha fruticosa</i> | 6 to 12 | 4 to 6 | Sun/ pt shade | purple flowers summer |
| Redosier Dogwood | <i>Cornus sericea</i> | 6 to 8 | 6 to 8 | Sun/ pt shade | white flowers & berries |
| Plains Cottonwood | <i>Populus deltoides</i> | 60'-80' | 50 -60 | Full sun | Inconspicuous flowers |
| American Black Currant | <i>Ribes americanum</i> | 2 to 4 | 2 to 4 | Sun/ pt shade | yellow fl., red fruits., red fall foliage |
| Peachleaf Willow | <i>Salix amygdloides (small tree)</i> | 20 to 40 | 40 ft | Sun/ pt shade | reddish flowers, gold leaves in fall |
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Shrubs for Wetland areas

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|-----------------|-----------------------|---------|---------|---------------|-------------------------------------|
| Sandbar Willow | <i>Salix exigua</i> | 5 to 10 | 5 to 20 | Sun/ pt shade | yellow catkins spring |
| Bluestem Willow | <i>Salix irrorata</i> | 5 to 8 | 4 to 6 | Sun/ pt shade | yellow catkins spring, bluish twigs |

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Shrubs and Trees for Dry Sites - North and East Facing

| | | | | | |
|---------------------|---------------------------------------|----------|---------|---------------|--------------------------------------------------|
| Utah Serviceberry | <i>Amelanchier utahensis</i> | 12-36 ft | 12' | Sun/ pt shade | White , spring |
| Silvery Leadplant | <i>Amorpha canescens</i> | 2-4' | 3' | Full sun | Violet-purple, midsummer |
| Greenleaf Manzanita | <i>Arctostaphylos patula</i> | 1' | 8' | Full sun | White to Pink, Spring |
| Kinnickinnik | <i>Arctostaphylos uva-ursi</i> | 2' | 5' | Sun/ pt shade | Pink, early summer |
| Netleaf Hackberry | <i>Celtis reticulata (Small Tree)</i> | 10 to 15 | 8 to 12 | Sun/ pt shade | Inconspicuous flowers spring |
| Mountain Mahogany | <i>Cercocarpus montanus</i> | 5-10' | 4 to 6 | Sun/ pt shade | White, spring |
| Single Leaf Ash | <i>Fraxinus anomala</i> | 12 to 36 | 12' | Full sun | Inconspicuous flowers |
| Mountain Spray | <i>Holodiscus dumosus</i> | 4-7' | 5' | Sun/ pt shade | Cream colored flower sprays, midsummer |
| Creeping Mahonia | <i>Mahonia repens</i> | 1' | 1' | Sun/ pt shade | Yellow, spring |
| Gambel Oak | <i>Quercus gambellii</i> | 25' | 12' | Full sun | Inconspicuous flowers |
| Smooth Sumac | <i>Rhus glabra</i> | 8-12' | 6' | Sun/ pt shade | Inconspicuous flowers |
| Boulder raspberry | <i>Rubus (Oreobatus) deliciosus</i> | 4' | 4' | Sun/ pt shade | White, early summer |
| Wood's Rose | <i>Rosa woodsii</i> | 2 to 6 | 3 to 6 | Sun/ pt shade | Pink fl. & red hips spring |
| Native Smooth Sumac | <i>Sumac Rhus glabra</i> | 4 to 7 | 6 to 15 | Sun | White flowers, red berries & fall foliage spring |
| Western Snowberry | <i>Symphoricarpos occidentalis</i> | 2 to 3 | 4 to 8 | Sun/ pt shade | White flowers & berries spring |

Shrubs and Trees for Dry Sites - South and West Facing

| | | | | | |
|------------------------|-----------------------------------------------|----------|----------|----------|---------------------------------------------------|
| Desert False Indigo | <i>Amorpha canescens</i> | 1 to 3 | 1 to 3 | Full sun | Gray foliage, pink flowers summer |
| Sand Sagebrush | <i>Artemisia filifolia (Oligoporus filifo</i> | 1 to 5 | 2 to 3 | Full sun | Silver gray foliage |
| Sagebrush | <i>Artemisia ftridentatum</i> | 1 to 5 | 2 to 3 | Full sun | Silver gray foliage |
| Fourwing Saltbush | <i>Atriplex canescens</i> | 2 to 6 | 3 to 8 | Full sun | Gray foliage, conspicuous fruits summer |
| Fernbush | <i>Chamaebatiaria millefolium</i> | 4 to 6 | 4 to 6 | Full sun | White, summer |
| Cholla | <i>Cylindropuntia imbricata</i> | 6' x 4' | 3' | Full sun | Magenta, late spring |
| Rubber Rabbitbrush | <i>Chrysothamnus nauseosus</i> | 4 to 6 | 4 to 6 | Full sun | Silver green with yellow flowers late summer |
| Dwarf Rabbitbrush | <i>Chrysothamnus nauseosus</i> | 1 to 2 | 1 to 2 | Full sun | Silver green with yellow flowers late summer |
| Mormon Tea | <i>Ephedera viridis</i> | 3 to 6 | 5' | Full sun | Inconspicuous flowers, blue-gray twiglike |
| Apache Plume | <i>Falugia paridoxa</i> | 5' | 5' | Full sun | White flowers and fluffy seed, summer |
| Oneseed Juniper | <i>Juniperus monosperma</i> | 8-20' | 12' | Full sun | Evergreen |
| Rky Mtn. Juniper | <i>Juniperus scopulorum</i> | 12 to 36 | 12' | Full sun | Evergreen |
| Winterfat | <i>Krascheninnikovia lanata</i> | 1 to 3 | 1 to 2 | Full sun | Silvery gray foilage, inconspicuous flower spring |
| Pinon Pine | <i>Pinus edulis</i> | 20 to 30 | 12 to 18 | Full sun | Evergreen |
| Ponderosa Pine | <i>Pinus ponderosa</i> | 80 - 100 | 20 to 40 | Full sun | Evergreen |
| Three-leaved Sumac | <i>Rhus triobata</i> | 3 to 6 | 4 to 8 | Full sun | Orange berries summer |
| Yucca, Spanish Bayonet | <i>Yucca glauca</i> | 2 to 3 | 2 to 3 | Full sun | White flowers mid-summer |
| Narrowlead Yucca | <i>Yucca harrimaniae</i> | 1 to 3 | 1 to 2 | Full sun | White, summer |

| Common Name | Latin Name | Ht (Ft) | Width | Exposure | Other Characteristics |
|-------------|------------|---------|-------|----------|-----------------------|
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Grasses for Dry Sites

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|--------------------|-------------------------------------------|------------|--------|----------|---------------------------------|
| Indian Rice Grass | <i>Achnatherum (Oryzopsis) hymenoides</i> | 1.5' | 1.5' | Full sun | Warm season, bunchgrass |
| Silver Bluestem | <i>Bothriochloa laguroides</i> | 5' | 2' | Full sun | Warm season, bunchgrass |
| Side Oats Grama | <i>Bouteloua curtipendula</i> | 1 to 3 | 1.5 | Full sun | Warm season, bunchy sod forming |
| Blue Grama | <i>Bouteloua gracilis</i> | 0.5 to 2 | 1.5 | Full sun | Warm season, bunchy sod forming |
| Buffalograss | <i>Buchloe dactyloides</i> | 0.2 to 0.5 | spread | Full sun | Warm season, sod forming |
| Green Needlegrass | <i>Nassella viridula</i> | 1.5 to 3.5 | spread | Full sun | Cool season, bunchgrass |
| Western Wheatgrass | <i>Pascopyrum smithii</i> | 1 to 3 | spread | Full sun | Cool season, sod forming |
| Little Bluestem | <i>Schizachyrium scoparium</i> | 1 to 4 | 1.5 | Full sun | Warm season, bunchgrass |
| Sand Dropseed | <i>Sporobolus cryptandrus</i> | 2 to 3 | 1.5 | Full sun | Warm season, bunchgrass |
| Prairie Dropseed | <i>Sporobolus heterolepis</i> | 2 to 2.12 | 1.5 | Full sun | Warm season, bunchgrass |

Grasses for Subirrigated Areas

| | | | | | |
|---------------------|-----------------------------|----------|----------|---------------|-------------------------------------|
| Big Bluestem | <i>Andropogon gerardii</i> | 4' | 2' | Sun/ pt shade | Warm season, bunchgrass |
| Canada Wildrye | <i>Elymus canadensis</i> | 2 to 4 | spread | Sun/ pt shade | Cool season, short-lived bunchgrass |
| Switchgrass | <i>Panicum virgatum</i> | 4' | 2' | Sun/ pt shade | Warm season, bunchgrass |
| Nuttall Alkaligrass | <i>Puccinellia airoides</i> | 1 to 1.5 | 1 to 1.5 | Sun/ pt shade | Cool season, Bunchgrass |
| Yellow Indiangrass | <i>Sorghastrum nutans</i> | 4' | 2' | Sun/ pt shade | Warm season, bunchgrass |
| Alkali Sacaton | <i>Sporobolus airoides</i> | 2' | 1.5' | Sun/ pt shade | Cool season, Bunchgrass |

Grass (like) Species for Wetland Areas

| | | | | | |
|--------------------|-----------------------------|------------|----------|---------------|--------------------------|
| Prairie Cordgrass | <i>Spartina pectinata</i> | 3.5 to 7 | spread | Sun/ pt shade | Warm season, sod forming |
| Inland Saltgrass | <i>Distichlis spicata</i> | 0.5 to 1.5 | spread | Sun/ pt shade | Warm season, sod forming |
| Fowl Bluegrass | <i>Poa palustris</i> | 1 to 1.5 | 1 to 1.5 | Sun/ pt shade | Cool season, Bunchgrass |
| Nebraska Sedge | <i>Carex nebrascensis</i> | 1 to 2.5 | spread | Sun/ pt shade | Cool season, sod forming |
| Woolly Sedge | <i>Carex lanuginosa</i> | 1 to 3 | spread | Sun/ pt shade | Cool season, sod forming |
| Creeping Spikerush | <i>Eleocharis palustris</i> | 0.5 to 2 | spread | Sun/ pt shade | Cool season, sod forming |
| Torrey's Rush | <i>Juncus torreyi</i> | 1 to 2.5 | spread | Sun/ pt shade | Cool season, sod forming |
| Baltic Rush | <i>Juncus balticus</i> | 0.5 to 2.5 | spread | Sun/ pt shade | Cool season, sod forming |

Flowering Plants for Wetland Areas

| | | | | | |
|---------------------|------------------------------------|---------|----------|---------------|----------------------------|
| Swamp Milkweed | <i>Asclepias incarnata</i> | 2 to 3 | 2 to 3 | Sun/ pt shade | Deep pink late summer |
| Nuttall's Sunflower | <i>Helianthus nuttallii</i> | 6 to 10 | 3 to 5 | Sun/ pt shade | Yellow late summer, fall |
| Blue Vervain | <i>Verbena hastata</i> facw HMarsh | 2 to 4 | 1.5 to 3 | Sun/ pt shade | Bluish purple, late summer |

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| Emergent Grass (like) Species for Aquatic Areas | | | | | |
|--------------------------------------------------------|---------------------------------------|--------|--------|---------------|-------------|
| American Threesquare | <i>Schoenoplectus pungens</i> | 2 to 4 | spread | Sun/ pt shade | Sod forming |
| Smallfruit Bulrush | <i>Scirpus microcarpus</i> | 1 to 3 | spread | Sun/ pt shade | Sod forming |
| Pale Bulrush | <i>Scirpus pallidus</i> | 1 to 3 | spread | Sun/ pt shade | Sod forming |
| Softstem Bulrush | <i>Schoenoplectus tabernaemontani</i> | 2 to 4 | spread | Sun/ pt shade | Sod forming |
| Hardstem Bulrush | <i>Schoenoplectus acutus</i> | 2 to 4 | spread | Sun/ pt shade | Sod forming |
| Giant Burreed | <i>Sparganium eurycarpum</i> | 2 to 4 | spread | Sun/ pt shade | Sod forming |
| Threesquare | <i>Schoenoplectus pungens</i> | 2 to 4 | spread | Sun/ pt shade | Sod forming |

Flowering Plants for Aquatic Areas

| | | | | | |
|---------------------|-----------------------------|--|--------|----------|--------------------------------|
| Spatterdock | <i>Nuphar luteum</i> | | spread | Full sun | Yellow waterlily |
| Broadleaf Arrowhead | <i>Sagittaria latifolia</i> | | spread | Full sun | Arrow shaped leaf white flower |

Flowering Perennials for Native Gardens

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|-------------------------|-------------------------------------|----------------|--------------|-----------------|------------------------------------------|
| Yarrow | <i>Achillea lanulosa</i> | 24" | 18" | Full sun | White, midsummer |
| Nodding Onion | <i>Allium cernuum</i> | 10" | 6" | Full sun | Pink, summer |
| Jones' Bluestar | <i>Amsonia jonesii</i> | 18" | 18" | Full Sun | White to blue, late spring to mid-summer |
| Pearly Everlasting | <i>Anaphalis margaritacea</i> | 18" | 18" | Full sun | White, midsummer |
| Small Leaf Pussytoes | <i>Antennaria parvifolia</i> | 6" | 12" | Full sun | White, midsummer - early fall |
| Columbine | <i>Aquilegia caerulea</i> | 18" | 18" | Part shade | Blue/purple and white, early mid-summer |
| Prickly Poppy | <i>Argemone polyanthemus</i> | 30" | 24" | Full sun | White, summer |
| Fringed Sagebrush | <i>Artemisia frigida</i> | 12" | 18" | Full sun | Silver gray foliage |
| Showy Milkweed | <i>Asclepias speciosa</i> | 30" | 24" | Sun/ pt shade | Pink, summer |
| Butterfly Milkweed | <i>Asclepias tuberosa</i> | 18" | 18" | Full sun | Orange, summer |
| Chocolate Flower | <i>Berlandiera lyrata</i> | 18" | 24" | Full sun | Yellow, summer |
| Wine Cups | <i>Callirhoe involucrata</i> | 12" | 36" | Full sun | Magenta, early summer to fall |
| LavenderLeaf Sundrops | <i>Calylophus lavandulifolius</i> | 12" | 12" | Full sun | Red-Orange, summer |
| Sundrops | <i>Calylophus serrulatus</i> | 12" | 12" | Full sun | Yellow, late spring - early summer |
| Harebell | <i>Campanula rotundifolia</i> | 8" | 12" | Full sun | Blue, mid-late spring |
| Sugarbowls Clematis | <i>Clematis scottii</i> | 12" | 18" | Sun/ pt shade | Purple, spring to early summer |
| Purple Prairie Clover | <i>Dalea purpurea</i> | 18" | 12" | Full sun | Purple, summer |
| Scarlet Hedgehog Cactus | <i>Echinocereus coccineus</i> | 6" | 12" | Sun/ pt shade | Orange-Red, spring |
| Claret Cup Cactus | <i>Echinocereus triglochidiatus</i> | 12" | 18" | Full sun | Red, late spring - early summer |

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| Trailing Fleabane | <i>Erigeron flagellaris</i> | 6" | 12" | Full sun | White, summer |
| Showy Daisy, Fleabane | <i>Erigeron speciosus</i> | 24" | 18" | Sun/ pt shade | Lavender blue, yellow center, mid summer |
| Sulfur Buckwheat | <i>Erigonum umbellatum</i> | 10" | 12" | Sun/ pt shade | Yellow, late spring - mid summer |
| Wallflower | <i>Erysimum capitatum</i> | 24" | 24" | Sun/ pt shade | yellow, early summer |
| Blanketflower | <i>Gaillardia aristata</i> | 18" | 24" | Full sun | Yellow-orange center, summer to fall |
| Wild Geranium | <i>Geranium viscosissimum</i> | 12" | 18" | Full sun | Pink, early, mid summer |
| Prairie Smoke | <i>Geum triflorum</i> | 12" | 12" | Sun/ pt shade | Cream to deep pink, spring to early summer |
| Broom Snakeweed | <i>Gutierrezia sarothrae</i> | 12" | 18" | Sun/ pt shade | Yellow, fall |
| Sneezeweed | <i>Helenium (Dugaldia)hoopsii</i> | 24" | 24" | Full sun | Yellow-orange, late summer |
| Maximillian's Sunflower | <i>Helianthus maximiliani</i> | 60" | 48" | Full sun | Yellow, late summer - fall |
| Hairy Golden Aster | <i>Heterotheca villosa</i> | 12" | 18" | Sun/ pt shade | Yellow, summer - fall |
| Four-Nerve Daisy | <i>Hymenoxys scaposa</i> | 6" | 12" | Sun/ pt shade | Yellow, summer |
| Scarlet Gillia | <i>Ipomopsis aggregata</i> | 12" | 18" | Part shade | Red, late summer - fall |
| Gayfeather | <i>Liatris punctata</i> | 18" | 12" | Full sun | Magenta, late summer |
| Blue Flax | <i>Linum lewisii</i> | 18" | 6" | Full sun | Blue, late spring - early summer |
| Silver lupine | <i>Lupinus argenteus</i> | 24" | 12" | Full sun | white to deep purple, mid summer |
| Tansy Aster | <i>Machaeranthera canescens</i> | 24" | 24" | Sun/ pt shade | Purple, late summer to fall |
| Blackfoot Daisy | <i>Melampodium leucanthum</i> | 6" | 18" | Sun/ pt shade | White, late spring to fall |
| Desert Four 'O'Clock | <i>Mirabilis multiflora</i> | 18" | 36" | Full sun | Deep pink, summer |
| Wild Bergamont | <i>Monarda fistulosa</i> | 30" | 24" | Sun/ pt shade | Pink, spring |
| Tufted Evening Primrose | <i>Oenothera caespitosa</i> | 6" | 12" | Full sun | White turning pink, spring |
| Desert Prickly Pear | <i>Opuntia phaeacantha</i> | 24" | 30" | Full sun | Red/Orange/Yellow, late spring - early summer |
| Prickly Pear Cactus | <i>Opuntia polykantha</i> | 12" | 24" | Full sun | Yellow to orange, late spring - early summer |
| Showy Locoweed | <i>Oxytropis lambertii</i> | 12" | 12" | Full sun | Pink, spring |
| Narrowleaf Penstemon | <i>Penstemon angustifolius</i> | 12" | 18" | Full sun | Blue, late spring - early summer |
| Colorado Beardtongue | <i>Penstemon auriberbis</i> | 6" | 2" | Full sun | Violet/lavendar, early to mid summer |
| Scarlet Bugler | <i>Penstemon barbatus</i> | 48" | 12" | Sun/ pt shade | Red/pink, early to mid summer |
| Mat Penstemon | <i>Penstemon caespitosus</i> | 6" | 12" | Full sun | Lavendar, early to mid summer |
| Firecracker Penstemon | <i>Penstemon eatonii</i> | 24" | 18" | Sun/ pt shade | Red, early to mid summer |
| Lrg. Flowered Beardtongue | <i>Penstemon grandiflorus</i> | 36" | 18" | Sun/ pt shade | lavender to blue, early to mid summer |
| Desert Beardtongue | <i>Penstemon pseudospectabilis</i> | 36" | 18" | Sun/ pt shade | Purple/pink, early to mid summer |
| Sidebells Penstemon | <i>Penstemon secundiflorus</i> | 20" | 12" | Full sun | Lavendar, early to mid summer |
| Rocky Mtn. Penstemon | <i>Penstemon strictus</i> | 30" | 30" | Full sun | Blue, Purple, early to mid summer |
| Bluemist Penstemon | <i>Penstemon virens</i> | 6" | 12" | Sun/ pt shade | light blue to blue/violet, early to mid summer |

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| Whipple's Penstemon | <i>Penstemon whippleanus</i> | 20" | 12" | Sun/ pt shade | wine purple or white, early to mid summer. |
| Silky Phacelia | <i>Phacelia sericea</i> | 6" | 1" | Sun/ pt shade | Purple, early summer, late spring ealry summer |
| Showy Jacob's Ladder | <i>Polemonium viscosissimum</i> | 12" | 12" | Sun/ pt shade | Blue, mid summer |
| Pasque Flower | <i>Pulsatilla patens</i> | 6" | 6" | Full sun | Lavender, spring to early summer |
| Prairie Coneflower | <i>Ratibida columnifera</i> | 24" | 18" | Full sun | Yellow, summer |
| Black-eyed Susan | <i>Rudbeckia hirta</i> | 24" | 18" | Sun/ pt shade | yellow with brown/black center, mid summer |
| Pitcher Sage | <i>Salvia azurea var. grandiflora</i> | 24" | 18" | Sun/ pt shade | blue, purple, late summer |
| Globemallow | <i>Sphaeralcea coccinea</i> | 16" | 12" | Full sun | Orange, early summer |
| Prince's Plume | <i>Stanleya pinnata</i> | 30" | 24" | Full sun | Yellow, early to late summer |
| Golden Banner | <i>Thermopsis divaricarpa</i> | 18" | 18" | Sun/ pt shade | Yellow, spring to early summer |
| Spiderwort | <i>Tradescantia occidentalis</i> | 18" | 18" | Sun/ pt shade | Purple, late spring to early summer |
| Prairie Verbena | <i>Verbena bipinnatifida / Glandula</i> | 6" | 12" | Full sun | Purple, early summer to late summer |
| Showy Goldeneye | <i>Viguera multiflora</i> | 24" | 18" | Full sun | Yellow, summer |
| Prairie Zinnia | <i>Zinnia grandiflora</i> | 6" | 12" | Full sun | golden yellow, mid to late summer |