

# GRASSLAND PLANTING

<b>SHRUBS</b>		<b>HEIGHT</b>	<b>WIDTH</b>	<b>EXPOSURE</b> full sun=FS shade=Sh part shade=PSh	<b>SOIL MOISTURE CONDITIONS</b> drought tolerant=DT X=xeric H=hygric M=mesic	<b>WILDLIFE VALUE</b> hummingbirds=H B birds=B butterflies=Bfly larvae=L	<b>NOTES</b>
Artemisia cana	sagebrush	50-150 cm	1 m	FS	X, DT		silver leaves
Cornus stolonifera	red twig dogwood	1-3 m	2.5 m	FS to PSh	M,H	L, B	synonym C. sericea; lower branches will root to ground
Elaeagnus commutata	silverberry, wolf willow	3 m	spreads	FS to PSh	X,M		spreads by stolons; may be aggressive
Juniperus communis	common juniper	1 m	3 m	FS	X,M, DT	B	blue, berry-like cones
Juniperus horizontalis	creeping juniper	10-40 cm	3 m	FS	X, DT	B	blue, berry-like cones
Potentilla fruticosa	shrubby cinquefoil	70-100 cm	90 cm	FS	X,M, DT	Bfly	yellow flowers
Rhus trilobata	three lobed sumac, skunkbush	1-2 m	1.5 m	FS	X,M	B	good fall colour; spreads by rhizomes; yellow flowers; red fruit
Ribes aureum	golden currant	1-2 m	1.5 m	FS	M	Bfly, HB, B	yellow flowers; red fruit
Ribes oxycanthoides	wild gooseberry	1 m	1 m	FS to PSh	M,H	HB	white flowers; red-purple berries; dense prickles
Rosa acicularis	prickly rose	50-150 cm	1 m	FS	M, DT	B	pink flowers; prickles, Alberta's floral emblem
Rosa arkansana	prairie rose	20-45 cm	50 cm	FS	X,M	B	pink flowers; prickles; single stem growth habit
Salix bebbiana	Bebb's willow, beaked willow	4 m	3 m	FS to PSh	M,H	Bfly, L	
Symphoricarpus occidentalis	buckbrush	50-150 cm	1 m	FS	X,M, DT	Bfly, B	pink-white flowers; white fruit; suckers readily, may be aggressive

## GRASSES (all are bunch-forming except where noted)

Bouteloua gracilis	blue grama grass	10-40 cm	10-40 cm	FS	X, DT	B	may form thick mats by tillering; seed heads are curved
Danthonia parryi	prairie oat grass, parry oat grass	30-60 cm	30-60 cm	FS	X	B	densely tufted growth habit; resists trampling
Festuca scabrella	rough fescue	30-90 cm	30-90 cm	FS to PSh	M	B	synonym F. campestris; forms large, dense, tussocks
Hierochloe odorata (rhizomatous)	sweetgrass	30-60 cm	30-60 cm	FS to PSh	X,M, DT	B	spreads vigorously through deep rhizomes
Koeleria macrantha	Junegrass	20-50 cm	20-50 cm	FS to Sh	X,M, DT	B	significant silver-green seed heads
Stipa comata	needle and thread	30-80 cm	30-80 cm	FS	X, DT	B	synonym Hesperostipa comata ssp. comata
Stipa richardsonii	Richardson's needle-grass	50-100 cm	50-100 cm	FS	M	B	densely tufted growth habit
Stipa viridula	green needle grass	40-90 cm	40-90 cm	FS	X,M, DT	B	

<b>FORBS (Wildflowers)</b>		<b>BLOOM COLOUR</b>	<b>HEIGHT</b>	<b>EXPOSURE</b> full sun=FS shade=Sh part shade=PSh	<b>SOIL MOISTURE CONDITIONS</b> drought tolerant=DT X=xeric H=hygric M=mesic	<b>WILDLIFE VALUE</b> hummingbirds=H B birds=B butterflies=Bfly larvae=L	<b>NOTES</b>
Achillea millefolium	common yarrow	white	70 cm	FS	X,M, DT	Bfly	spreads through seeds and rhizomes; may be aggressive
Allium cernuum	nodding onion	pink or white	10-50 cm	FS to PSh	M	HB; Bfly	bulb; self-seeds
Allium textile	prairie onion	white	5-30 cm	FS	X	Bfly	bulb
Anemone cylindrica	long-fruited anemone, thimbleweed	white	20-80 cm	FS	X,M		poisonous; woolly seedhead
Anemone multifida	cut-leaved anemone	yellow	10-50 cm	FS	M		poisonous
Anemone patens	prairie crocus, windflower	mauve	20-40 cm	FS	M		poisonous; blooms while snow still on ground
Antennaria aprica	low pusstoos, low everlasting	white	15 cm	FS	X		low, mat forming
Antennaria parvifolia	small-leaved pussytoes	white	10-25 cm	FS	X,M		low, mat forming
Arnica chamissonis	leafy arnica	yellow	20-80 cm	FS	M,H		
Artemisia frigida	pasture sage, prairie sage	yellowish	10-40 cm	FS	X, DT		silvery grey; aromatic
Artemisia ludoviciana	prairie sage	white	30-60 cm	FS	M		silvery grey; aromatic; spreads to form colonies
Aster falcatus	creeping white prairie aster	white	30-80 cm	FS	X,M	Bfly; L; B	spreading; may form mats
Aster laevis	smooth aster	blue	40-100 cm	FS	M	Bfly; L; B	
Astragalus aboriginum	milk vetch	white w purple	10-40 cm	PSh	X,M	Bfly; L	poisonous; legume
Astragalus crassicaupus	milk vetch	mauve	10-15 cm	PSh	X,M	Bfly; L	poisonous; legume
Astragalus missouriensis	missouri milk vetch	blue/purple	20-100 cm	PSh	X,M	Bfly; L	poisonous; legume
Campanula rotundifolia	common harebell, bluebell	blue/purple	20-40 cm	FS	X,M		
Chrysopsis villosa	hairy golden aster	yellow	20-50 cm	FS	X	Bfly	synonym Heterotheca villosa; brown flower centers
Clematis linguicifolia	western white clematis	white	3-6 m	FS to PSh	M	Bfly, B	semi-woody vine, aggressive climber
Clematis verticellaris	blue clematis	blue	2 m	FS to PSh	M	B	synonym C. occidentalis; spreads in underbrush or climbs trees
Cleome serrulata	pink bee-plant	pink/white	30-80 cm	FS	X,M		annual; self-seeds
Delphinium bicolor	low larkspur	blue/purple	20-50 cm	FS	X,M	Bfly	poisonous (especially the seeds)
Erigeron glabellus	smooth fleabane	blue or pink	10-50 cm	FS	M	Bfly	may be a biennial
Erigonum umbellatum	umbrella plant	pale yellow/white	10-30 cm	FS	X, DT	Bfly, L	
Fragaria virginiana	wild strawberry	white	5-25 cm	FS to PSh	M,H	B	spreads by stolons; aggressive but easy to control

# Grounds for Change: A User's Guide to Schoolyard Naturalization

## Sample Plant List

Gaillardia aristata	blanket flower, red-eyed Susan	yellow	30-60 cm	FS	X,M, DT	Bfly	red flower centers
Galium boreale	northern bedstraw	white	30-60 cm	Sh	M,H		spreads; aggressive but easy to control
Geranium viscosissimum	sticky purple geranium	rose-purple	20-90 cm	PSh	M,H	Bfly	
Geum triflorum	old man's whiskers, prairie smoke	reddish-purple	20-40 cm	FS to PSh	X,M,H		woolly seedheads, evergreen ground cover
Glycyrrhiza lepidota	wild licorice	cream	30-100 cm	Sh	M,H		legume; spreads readily through rhizomes and seeds
Hedysarum alpinum	American sweet vetch	pink/purple	20-70 cm	FS	X,M, DT	Bfly	legume
Hedysarum boreale	northern sweet vetch	reddish-purple	20-60 cm	FS	X,M, DT	Bfly; L	legume
Helianthus annuus	annual sunflower	yellow	50-120 cm	FS	X,M	Bfly; L; B	annual; self-seeds readily; red flower centers
Heterotheca villosa	<i>see Chrysopsis villosa</i>						
Heuchera richardsonii	alum-root	purplish	30-40 cm	FS	M,H	HB; Bfly	
Liatris punctata	blazing star	purple/pink	20-60 cm	FS	X	Bfly; B	
Linum lewisii	wild blue flax	blue/purple	20-70 cm	FS	X,M, DT		synonym L. perenne ssp. lewisii; spreads aggressively by seed, but easy to control
Lithospermum ruderale	yellow puccoon, stone-seed	yellow	20-50 cm	FS	M,H	Bfly	
Lupinus argenteus	silvery lupin	light violet	50-100 cm	PSh	X,M, DT	HB; Bfly; L	poisonous
Lupinus sericeus	silky lupin, wild blue lupin	blue/purple	40-80 cm	PSh	X,M, DT	HB; Bfly; L	poisonous
Monarda fistulosa	wild bergamot, bee balm	rose or lilac	30-70 cm	FS	M	HB; Bfly	
Oenothera biennis	evening primrose	yellow	50-150 cm	PSh	M	Bfly; B	biennial; blooms in at night; fragrance attracts moths
Oxytropis monticola	late yellow locoweed	yellow	30 cm	FS	X,M	B	poisonous; low growing; legume
Oxytropis sericea	early yellow locoweed	pale yellow	30 cm	FS	X	B	poisonous; low growing; legume
Oxytropis splendens	showy oxytropis	purple	30 cm	FS	X	B	poisonous; low growing; legume; silvery green leaves
Penstemon confertus	yellow beardtongue	yellow	10-50 cm	FS	M,H	HB; Bfly; B	
Penstemon nitidus	smooth blue beardtongue	blue	20-30 cm	FS	X	HB; Bfly; B	
Petalostemon purpureum	purple prairie clover	purple or rose	30-80 cm	FS	X, DT		very adaptable; legume
Potentilla anserina	silver weed	yellow	10-20 cm	PSh	M,H		synonym Argentina anserina; low ground cover, spreading rapidly through stolons
Potentilla gracilis	graceful cinquefoil, slender cinquefoil	yellow	30-70 cm	FS	M		
Primula incana	mealy primrose	white to lilac	10-40 cm	PSh	M		
Ratibida columnifera	yellow prairie coneflower	yellow	30-50 cm	FS	X,M, DT	Bfly	short-lived perennial; self-seeds; flower has brown cone
Rumex venosus	veined dock, wild begonia, sorrel	greenish	10-40 cm	FS	X	L	spreads readily through seeds and rhizomes; don't consume in large quantities

Sisyrinchium montanum	blue-eyed grass	blue/purple	10-50 cm	PSh	M		
Solidago canadensis	Canada goldenrod	golden yellow	30-90 cm	FS	X,M, DT	Bfly, B	not an allergy problem; spreads aggressively through seeds and rhizomes, but easy to control
Solidago missouriensis	prairie goldenrod, Missouri goldenrod	yellow	30-50 cm	FS	X,M	Bfly, B	spreads aggressively through seeds and rhizomes, but easy to control
Thalictrum venulosum	western meadow rue, veiny meadow rue	greenish white	20-100 cm	Sh	M,H		synonym T. venosum; spreads aggressively through seeds and rhizomes, but easy to control
Thermopsis rhombifolia	golden bean	golden yellow	10-40 cm	FS	M		spreads aggressively through seeds and rhizomes, but easy to control; poisonous