

ELIGIBLE SHRUBS FOR STRATHMORE

	page
Deciduous Shrubs	2
Coniferous Shrubs	6

ELIGIBLE SHRUBS FOR STRATHMORE

Deciduous Shrubs

Name & Hardiness Zone (See Note 1)	Scientific Name & Reference (See Note 2)	Height & Width (m) (See Note 3)	Growth Rate & Lifespan	Characteristics (Drought Resistance as Noted)	Ideal Growing Conditions & Issues	Use
Alpine Currant 2a	Ribes alpinum CoCLUB, ELN	1.5 & 1.5	Medium 30 years	Dense, multi-stemmed & generally spherical in form from grade. Tolerates pruning at any time, tough & adaptable. Small yellow flowers in spring, red berries in fall with orange foliage. Highly tolerant of urban pollution & tolerates a variety of soil types, pH & dry or moist conditions. Attracts birds. Drought resistant. "Low water shrub" – CoCLUB.	Full sun and full shade. Requires some maintenance. Susceptible to mildew.	Hedges, screening & mass planting.
Cherry Prinsepia 3a	Prinsepia sinensis CoCYS, CoCLUB, ELN	2 & 2	Medium 40 years	Dense foliage from grade, multi-stemmed & spherical form. Yellow flowers & red berries. Tolerates dry or moist conditions & urban pollution. "Low water shrub" – CoCLUB.	Full sun. Spiny branches. Fruit consumed by birds. Low maintenance.	Barrier plant. Suitable for mass plantings & screening.
Dogwood – Comus alba Varies 2a to 3a See column 3	Cornus alba Ivory Halo Dogwood/ Cornus alba 'Bailhalo' CoCYS & MNL. All others ELN. 'Jefreb' also known as Tatarian Dogwood	'Bud's Yellow' 1.5 &1.9 (2b), Golden Prairie Fire 'Prairie Fire' 1.9 & 1.9 (3a), Ivory Halo 'Bailhalo' 0.75 to 1.5 & 0.75 to 1.5 (3a), Little Rebel 'Jefreb' 1.2 & 1.2 (2a), Mottled 'Gouchaultii' 1.9 & 1.9 (3a), Red Gnome 'Regnzam' 1.2 & 1.2 (3a), Siberian Coral 'Siberica' 1.9 & 1.9 (2b)	All fast except 'Jefreb' – slow 20 years	Foliage from grade. Form varies but generally spherical. Multi-stemmed. Tolerates a variety of soils, pH, dry & moist conditions & some standing water. Highly tolerant of urban pollution. Low maintenance. Prune at any time. White flowers in spring. 'Bud's Yellow' –yellow branches, green foliage turning yellow in fall. White berries. 'Prairie Fire' – orange/ red branches, foliage emerges yellow, turns green & turns red in fall. White berries. 'Ivory Halo' – red branches, white variegated green foliage & white berries. Little Rebel 'Jefreb' - red branches & dense green foliage. Mottled 'Gouchaultii' –red branches, yellow variegated green foliage, & white berries. Red Gnome 'Regnzam' - red branches, green foliage turning purple in fall. White berries. 'Siberica' - pink branches, green foliage turning purple in fall. Blue berries.	Partial shade to full sun. Confirm characteristics, especially height and width from nursery.	Mass planting, hedges & screening Accent plants: Mottled 'Gouchaultii', Ivory Halo 'Bailhalo', Little Rebel 'Jefreb', Golden Prairie Fire 'Prairie Fire', & Red Gnome'Regnzam'.

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Dogwood – Comus sericea varies 2a to 3b See column 3	Cornus sericea/ Red Osier, 'Farrow', 'Kelseyi' ELN, MNL ('Farrow' also known as C. stolonifera)	Red Osier – 1.9 & 1.9 (2a) Arctic Fire Red Twig 'Farrow' 1.0 & 1.0 (3a) Kelsey Dwarf 'Kelseyi' 1.0 & 1.0 (3b)	Fast 20 years	General characteristics – same as <i>Comus alba</i> above. Red Osier – red branches, green foliage turning red in fall. White berries. Arctic Fire 'Farrow' – red branches, green foliage turning purple in fall., Kelsey Dwarf 'Kelseyi' – purple branches, green foliage turning red in fall. White berries. Attracts birds.	Partial shade to full sun. Confirm characteristics, especially height and width from nursery. All tend to sucker. Kelsey Dwarf susceptible to disease.	Mass planting & naturalizing. Hedges & screening.		
Double Flowering Plum (Flowering Almond) 3a	Prunus triloba 'Multiplex' CoCLUB, TOO, ELN	2 & 1.5	Medium 40 years	Foliage from grade, multi-stemmed & spherical form. Striking pink flowers. No fruit. Tolerates urban pollution. Intolerant of standing water. "Low water tree" – CoCLUB.	Full sun. Requires consistent moisture & moderate maintenance.	Suitable for mass plantings & screening.		
European Dwarf Cherry (Mongolian Cherry) 3a	Prunus fruticosa CoCLUB, ELN	0.9 & 0.9	Medium 20 years	Multi-stemmed spherical form with foliage from grade. White flowers & edible red fruit. Tolerates urban pollution. Intolerant of standing water. "Low water shrub" – CoCLUB.	Full sun. Requires consistent moisture & some maintenance. Suckers.	Accent plant. Mass planting & naturalizing.		
European Red Elder (Red-Berried Elder, Red Elder) 2a	Sambucus racemosa CoCYS, ELN (CoCLUB – excluding var. pubens)	3 to 3.5 & 4	Fast 30 years	Multi-stemmed, upright form with canopy 0.6m from grade. White flowers & red berries. Tough & vigorous. Tolerates dry or moist locations & urban pollution. "Low water shrub" – CoCLUB excluding var. pubens	Full sun to partial shade. Requires occasional maintenance.	Mass planting. Screening.		
Evans Cherry 3a	Prunus 'Evans' TOO, ELN	4 & 4	Medium 30 years	Small tree or multi-stemmed shrub. Canopy 0.6m from grade. White flowers, edible sour cherries. Tolerates urban pollution. Intolerant of standing water.	Full sun. Requires consistent moisture. Fruit may require clean up unless consumed by birds.	Accent plant. Orchard.		

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Emerald Carousel Barberry 4a	Berberis 'Tara' or Berberis thunbergii 'Tara' CoCYS, ELN	1.2 & 1.2	Medium 30 years	Dense multi-stemmed with spherical form & foliage from grade. Yellow flowers, red fruit & bright red foliage in fall. Tolerates moist or dry conditions & salt. Highly tolerant of urban pollution. Drought resistant.	Full sun. Spiny. Requires some maintenance. This plant may not be suitable except in highly sheltered locations due to Hardiness Zone 4a. See Note 1.	Effective barrier plant. Mass plantings.	
Golden Currant (Golden Flowering Currant) 2a	Ribes aureum CoCLUB, ELN	1.5+& 1.5+	Medium 30 years	Multi-stemmed, upright with arching branches with foliage from grade. Yellow flowers in spring & black berries in fall. Bluish green foliage turning dark purple in fall. Highly tolerant of urban pollution & tolerates a variety of soil types, pH & dry or moist conditions. Drought resistant. "Low water shrub" – CoCLUB.	Full sun to full shade. Suckers. Requires occasional maintenance.	Mass planting & hedges & screening	
Highbush Cranberry (American Cranberrybush) 2a	Vibumum opulus var. americanum CoCYS, ELN Also known as Viburnum opulus L. ssp. trilobum (Marsh.) Clausen, (USDA NRCS)	3 to 3.5 & 2.5	Medium 40 years	Multi-stemmed dense shrub with white flowers & red, tart, edible fruit. Canopy/ foliage is 0.6 m from grade. Tolerates urban pollution & well-drained to poorly drained soils.	Full to partial sun. Sandy to loam soils. Requires consistent moisture. Fruit consumed by birds. May require some maintenance.	Accent or barrier plant. Suitable for mass planting & screening.	
Meyers Dwarf Lilac (Dwarf Korean Lilac) 3a	Syringa meyerii 'Palibin' CoCYS, ELN	1.2 & 1.5	Slow 30 years	Dense foliage from grade, multi-stemmed spherical form. Purple flowers. Tolerates urban pollution & moist or dry conditions.	Full sun. Low maintenance. Requires consistent moisture.	Accent plant, mass planting & screening.	

Deciduous Shrubs Name & Scientific Name & Height & Width (m) **Growth Rate Ideal Growing Conditions** Characteristics **Hardiness** Reference Use (See Note 3) & Lifespan (Drought Resistance as Noted) & Issues Zone (See Note 2) (See Note 1) 'Blizzard' 2.5 & 0.6 (2b), 'Galahad' 1.2 & 1.2 Mockorange Mockorange 'Snowbelle' 1.2 & 1.2 White flowers. Multi-stemmed. Form varies. Tolerant ELN, 2a. 2b. 3a Full sun to partial shade. Accent plant. TOO: Philadelphus Fast of urban pollution. Canopy height from grade: 'Blizzard' (3a), depending on Low maintenance. Requires Mass planting & x virginalis 30 years 0.6m, 'Galahad' 0.3m, 'Snowbelle' at grade, Minnesota species variety. See consistent moisture. screening. Snowflake 0.6m, Waterton 0.6m. CoCYS-lewisii 'Minnesota column 3. Snowflake' 1.5 & 2.2 'Waterton' (3a), lewisii 'Waterton' 1.9 & 1.5 (2a) Multi-stemmed, spherical form with canopy/ foliage from Full sun. Requires Accent plant. Nanking Cherry Prunus tomentosa Medium 30 grade. Pink flowers, edible sweet fruit. Tolerates urban 1.9 & 1.9 consistent moisture & some Mass planting & pollution. Intolerant of standing water. CoCLUB. ELN years screening. Orchard. maintenance. "Low water shrub" - CoCLUB. Full sun to full shade. Multi- stemmed upright spreading form with canopy/ Nannyberry Requires some Accent plant. foliage 0.6 – 1.2m from grade. White flowers & purple Viburnum lentago Medium (Sheepberry) 4 to 3.5 maintenance. Suckers. Mass planting & CoCYS, CoCLUB fruit. Tolerates moist or dry conditions & urban pollution. 40 years 2a Fruit edible, consumed by screening. "Low water shrub" - CoCLUB. birds. 'Center Glow' 2.2 & 2.2 (3a), Multi-stemmed upright spreading form with canopy/ 'Mindia' 2.5 & 1.5 foliage about 0.3m from grade & white flowers. Canopy Ninebark (3a), (Eastern is upright spreading except 'Dart's Gold', 'SMPOTW', & 'Dart's Gold' 1.5 & 'Seward' which are considered spherical. Foliage is red Ninebark) Physicarpus Full sun to partial shade. Accent plant. Medium 1.0 (3a), or purple or turns red or purple except 'Dart's Gold' (light Requires occasional Mass planting & 2a to 3a opulifolius 'Diablo' 2.5 & 2.5 30 years CoCYS, ELN green foliage) & 'Nugget (bright green foliage). maintenance. depending on screening. (3a). Tolerates dry or moist conditions. Highly tolerant of variety. See 'Donna May' 1.2 & column 3. urban pollution. Hardy. 1.0 (2a), 'Jefam' 1.9 & 1.2 (2b),

Deciduous Shrubs Name & Scientific Name & Height & Width (m) **Growth Rate Ideal Growing Conditions** Characteristics **Hardiness** Reference Use (See Note 3) & Lifespan (Drought Resistance as Noted) & Issues Zone (See Note 2) (See Note 1) 'Nugget' 1.8 & 1.5 (2a), Physicarpus 'SMPOTW' 1.2 & 1.2 Ninebark opulifolius continued (3a), 'Seward' 1.8 & 1.5 (3a) 'Abbotswood': 0.9 & 'Coronation Triumph' 0.9 & 0.9. 'Gold Drop' 0.75 & 0.75. Potentilla Multi-stemmed spherical form. All varieties have yellow 'Gold Star' 0.75 & (Shrubby Potentilla fruticosa flowers except 'Abbotswood' & McKay's White (white), 0.75. Cinquefoil) (or Dasiphora Pink Beauty (pink), Mango Tango (orange). Canopy/ 'Goldfinger' 1.5 & Slow All are 2a fruticosa) foliage height is at or near grade in all cases. Tolerates Full sun to partial shade. Mass planting. 0.9. 30 years except 'Mango CoCYS, TOO, moist or dry conditions. Highly tolerant of urban 'Mango Tango' 0.9 & Tango' & 'Pink CoCLUB pollution. Beauty' 3a Drought resistant. "Low water shrub" - CoCLUB. 'McKay's White' 0.75 & 0.9. 'Pink Beauty' 0.9 & 0.9. 'Yellow Gem' 0.75 & Syringa prestoniae CoCYS 'Donald Wyman': 3 & Multi-stemmed. Color of flowers varies from pink to Syringa x purple. All varieties tolerate moist or dry conditions. 'Minuet': 1.9 & 1.9, prestoniae urban pollution & are non-suckering. Canopy height Accent plant. 'Donald Wyman', Preston Lilac 'Miss Canada': 1.9 & Medium from grade: 'Donald Wyman': 0.9m, 'Minuet' 0.3m, 'Miss Full sun, well-drained soil. Mass planting & 'Minuet', 'Miss 1.9, 30 years 2a Canada' 0.6m, 'Royalty' 0.9m, 'Charisma' at grade. screening. 'Royalty': 2.5 & 1.9, Canada', 'Royalty', Syringa, several species (spp.) - "Low water shrub" -'Charisma' - ELN 'Charisma': 1.2 to CoCLUB. Syringa spp.-0.5 CoCLUB

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Name & Hardiness Zone (See Note 1)	Scientific Name & Reference (See Note 2)	Height & Width (m) (See Note 3)	Growth Rate & Lifespan	Characteristics (Drought Resistance as Noted)	Ideal Growing Conditions & Issues	Use	
Prickly Rose (Prickly Wild Rose) 2a	Rosa acicularis CoCYS, TOO, ELN	0.3 to 2.5 & 3	Fast 30 years	Multi-stemmed upward spreading with canopy/ foliage from grade. Pink flowers. Intolerant of standing water & somewhat tolerant of urban pollution.	Full sun. Requires consistent moisture & some maintenance. Spiny. Disease is identified as an issue. Confirm height & width with nursery.	Accent plant. Mass planting.	
Purple-leaf Sandcherry (Cistena Cherry) 3b	Prunus x cistena CoCLUB, ELN	1.9 & 1.5	Medium 20 years	Multi-stemmed upright spreading form with canopy/ foliage 0.3m from grade. Pink flowers & purple leaves. Tolerant of urban pollution. Intolerant of standing water. "Low water shrub" – CoCLUB.	Full sun. Requires consistent moisture.	Accent plant. Mass planting.	
Red Barberry (Rose or Rosy Glow Japanese Barberry) 4a	Berberis thunbergii 'Rose Glow' CoCYS, ELN	1.5 & 1.2 – 1.5	Medium 20 years	Multi-stemmed spherical or elliptical form with canopy/ foliage from grade. Yellow flowers & red fruit. Burgundy leaves in fall. Tolerates moist or dry conditions & salt. Highly tolerant of urban pollution. Drought resistant	Full sun to partial shade. Requires occasional maintenance. Spiny. This plant may not be suitable except in highly sheltered locations due to Hardiness Zone 4a. See Note 1.	Mass planting. Screening.	
Russian Almond 3a	Prunus tenella ELN, CoCLUB	1.5 & 1.0	Medium 20 years	Multi-stemmed upright spreading form with canopy 0.3 m from grade. Pink flowers. Tolerates dry or moist conditions & urban pollution. Intolerant of standing water. "Low water shrub" – CoCLUB".	Full sun. Suckers. Requires maintenance. Confirm variety & nursery information.	Mass planting	
Saskatoon (Juneberry, Western Serviceberry) 2a	Amelanchier alnifolia CoCYS, CoCLUB, (ELN or MNL for variety or cultivar e.g. 'Honeywood'.)	2.5 to 3 & 1.9 'Honeywood': 3 & 2.1 'Northline': 3.7 & 2.5 'Smokey': 3.7 & 2,5 'Thiessen': 3.7 & 2.5	Medium 25 years	Multi-stemmed with canopy 0.6m from grade. White flowers, edible blue berries. Hardy. Somewhat tolerant of urban pollution. "Low water shrub" – CoCLUB.	Full sun to partial shade. Requires consistent moisture. Confirm variety or cultivar, height, width & nursery information.	Mass planting, screening & orchards.	
Silver Buffaloberry 2a	Shepherdia argentea CoCYS, CoCLUB, TOO	2.5 & 2.5	Medium, 25 years	Multi-stemmed, with canopy 0.3m from grade. Silver foliage, yellow flowers, & red fruit. Very hardy. Tolerates salt & urban pollution. Intolerant of standing water. Drought resistant. "Low water shrub" – CoCLUB.	Full sun, well-drained alkaline soil. Spiny and suckering.	Accent plant & naturalizing Shelterbelt (AAF).	

Deciduous Shrubs Name & Scientific Name & Height & Width (m) **Growth Rate Ideal Growing Conditions** Characteristics Hardiness Reference Use (See Note 3) & Lifespan (Drought Resistance as Noted) & Issues Zone (See Note 2) (See Note 1) Sister Justina Syringa x Lilac hyacinthiflora Multi-stemmed, with canopy 0.9m from grade. White Full sun, well-drained soil. Accent plant. Medium 4 & 3 flowers. Tolerates moist or dry conditions & urban (Hvacinth-'Sister Justina' Requires some Mass planting & 30 years Flowered Lilac) CoCYS maintenance. screenina. pollution. Full sun to full shade. Snowberry Dense multi-stemmed with spherical canopy from grade. Suckers. Requires some Symphoricarpos White flowers & white berries. Durable & hardy. maintenance. This plant Fast Accent plant, mass 0.9 & 0.9 adaptable to poor conditions. Tolerates dry or moist See also albus may not be suitable except 20 years planting. Western CoCY, ELN conditions. in highly sheltered locations Snowberry due to Hardiness Zone 4a. See Note 1. Spirea trilobata Full sun. Requires 'Fairy Queen' Three Lobed Multi-stemmed with spherical arching canopy from Fast consistent moisture. Spirea MNL 0.9 & 0.9 grade. White flowers. Tolerant of urban pollution. Mass planting. 20 years Confirm variety & nursery (CoCLUB Spirea 2b Spirea trilobata: "Low water shrub" - CoCLUB" information. trilobata) Ural False Full sun to partial shade. Dense, multi-stemmed canopy/foliage from grade. Spirea (False Sorbaria sorbifolia Suckers profusely so it can White flowers throughout summer. Very hardy. It is Mass planting, Spirea, Ash CoCLUB, ELN 1.9 & 1.9 Fast be used as ground cover. identified as a "low water shrub" but described by aroundcover & Leaf Spirea) ('Sem' MNL, 'Sem': 1 to 1.2 & 1.2 20 years High maintenance. another source as preferring average to moist conditions naturalizing. CoCYS) Confirm variety & 2a & intolerant of being dried out. 'Sem' 3a characteristics with nursery. Western Snowberry (Buckbush Dense multi-stemmed with upright spreading canopy Full sun to full shade. from grade. White to pink flowers & white berries. Suckers vigorously forming Coralberry) Symphoricarpos Accent plant. Fast occidentalis 0.9 & 0.9 Tolerates moist or dry conditions. Somewhat tolerant of colonies. Requires Mass planting & 1b 15 years maintenance to manage See also ELN. CoCLUB pollution. reclamation. "Low water shrub" – CoCLUB" Snowberry suckering.

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Wayfaring Tree 'Mohican' 3a	Viburnum lantana 'Mohican' ELN (CoCYS & CoCLUB Viburnum lantana species)	3 & 2.5	Medium 40 years	Spherical canopy/ foliage from grade. Multi-stemmed, white flowers & fruit that changes from pink to red to black. Requires consistent moisture. Tolerant of urban pollution & soil type. Vibumum lantana sp. "Low water shrub" – CoCLUB.	Full sun to partial shade. Low maintenance.	Accent, mass planting. Hedges & screening.	
Wolf Willow (Silverberry) 2a	Elaeagnus commutata ELN, CoCLUB	1.9 & 1.9	Fast 30 years	Multi-stemmed with upright spreading form. Silver foliage/ canopy 0.3m from grade. Fuzzy ornamental leaves & yellow flowers in spring. Prefers clay alkaline soils. Tolerates salt & urban pollution. Drought resistant. "Low water shrub" – CoCLUB"	Full sun. Suckers. High maintenance.	Hedges/ screening Naturalizing.	
Coniferou	s or Evergree	en Shrubs					
Bar Harbor Juniper & 'Blue Chip' 3a, 'Hughes' 2a See also Mint Julep, Rocky Mountain & Savin Juniper	Juniperus horizontalis 'Bar Harbor', 'Blue Chip', 'Hughes' ELN (CoCLUB: Juniperus spp.)	'Bar Harbor' & 'Blue Chip' 0.3 & 1.9 'Hughes' 0.4 & 1.9	Slow 30 30 years	Multi stemmed. Adaptable & hardy. Tolerates dry or moist conditions, a variety of soils, pH & is highly tolerant of urban pollution. Intolerant of standing water. 'Bar Harbor' blue-green foliage turning purple in fall. 'Blue Chip' – blue/ blue-green foliage turning purple in fall. 'Hughes' – silvery blue-green foliage turning blue-green in fall. Juniperus, several species (spp.) - "Low water shrub" – CoCLUB. See Note 5.	Full sun to partial shade. Low maintenance.	Mass planting & ground cover. Accent groundcover.	
Bearberry 3a (Kinnikinnick)	Arctostaphylos uva-ursi ELN, CoCLUB	0.15 & 0.2	Slow, 20 years	Multi-stemmed, deciduous evergreen shrub with green leaves, burgundy in fall. Red flowers & red berries. Maximum height is about 15cm. Tolerates dry or moist conditions & salt. Somewhat tolerant of pollution. Intolerant of standing water. Drought Resistant. "Low water shrub" – CoCLUB.	Full sun. Requires acidic, sandy and well-drained/ light soils.	Ground cover.	

Coniferou	Coniferous or Evergreen Shrubs							
Name & Hardiness Zone (See Note 1)	Scientific Name & Reference (See Note 2)	Height & Width (m) (See Note 3)	Growth Rate & Lifespan	Characteristics (Drought Resistance as Noted)	Ideal Growing Conditions & Issues	Use		
Globe Blue Spruce 2a	Picea pungens 'Glauca Globsa' CoCYS, ELN	1 to 2.5 & 1 to 1.9	Slow 60+ years	Dense bluish-green foliage, spherical/pyramidal shape with crown from grade. Tolerates moist or dry conditions & salt. Highly tolerant of pollution. Drought tolerant.	Full sun to partial shade. Confirm height, width& nursery information.	Vertical accent plant		
Mugo Pine (Mountain Pine, Swiss Mountain Pine) 3a	Pinus mugo CoCYS, CoCLUB, ELN	Height varies from 0.75m to 6m depending on variety. 'Mops' 0.75 & 0.9m, 'Slowmound' 0.75 & 1.2, 'Tannenbaum' 3 & 1.9, 'var. pumilio' (dwarf) 1.0 & 1.5	Slow 50 years except 'Tannen- baum' 40 years	Dense green foliage. Generally spherical canopy at grade except 'Tannenbaum' which has pyramidal Christmas tree shape. Tolerates dry conditions & highly pollution tolerant. Intolerant of standing water. Drought resistant. See also Eligible Trees for Strathmore – Coniferous Trees – Medium & Small Park Trees for larger P. mugo trees/ shrubs. "Low water shrub" – CoCLUB	Full sun. Relatively low maintenance. Well-drained soil. Given the varieties & variations in height & width, confirm variety, height, width, & nursery information. This shrub/ tree often outgrows its location. See Notes 2 & 4.	Mass planting, screening		
Mint Julep Juniper 3a See also Bar Harbor & Rocky Mountain & Savin Juniper	Juniperus chinensis 'Mint Julep' ELN (CoCLUB: Juniperus spp.)	1.2 & 2.5	Slow 30 years	Multi-stemmed with upright arching canopy from grade. Green foliage. Tolerates a variety of soils, pH, dry & moist conditions. Very tolerant of urban pollution. Juniperus, several species - "Low water shrub" – CoCLUB. See Note 5.	Full sunlight. Confirm variety, height, & nursery information.	Mass planting. Accent		
Nest Spruce (Norwegian Spruce) 3a	Picea abies 'Nidformis' CoCYS,, MNL	0.6 & 1.2	Slow 50 years	Multi-stemmed with dense spherical canopy from grade. Intolerant of standing water. Tolerant of salt & urban pollution.	Full sun to partial shade. Requires consistent moisture. Relatively low maintenance.	Mass planting.		

Coniferous or Evergreen Shrubs								
Name & Hardiness Zone (See Note 1)	Scientific Name & Reference (See Note 2)	Height & Width (m) (See Note 3)	Growth Rate & Lifespan	Characteristics (Drought Resistance as Noted)	Ideal Growing Conditions & Issues	Use		
Rocky Mountain Juniper 3a 'Tolleson's Weeping' var. 4a See also Bar Harbor, Mint Julep & Savin Juniper	Juniperus scopulorum CoCYS, (CoCLUB: Juniperus spp.) ELN: var. 'Cologreen', 'Medora', 'Moonglow', 'Tolleson's Weeping', 'Witchita Blue'	Cologreen' 4 & 1.5, 'Medora' 3 & 0.9, 'Moonglow' 4 & 1.5, 'Tolleson's Weeping' 3 & 3, 'Wichita' 4 & 1.5	Slow 60 to 70 years	Multi-stemmed. All range from columnar to pyramidal to oval depending on the width of the canopy. Canopy from grade: 'Cologreen' dark green at grade, 'Medora' bluish-green 0.6m, 'Moonglow' silvery-blue 0.6m, 'Tolleson's Weeping' bluish-green 0.9m, 'Witchita Blue' silvery-blue 0.6m. Tolerates dry or moist conditions. Somewhat tolerant of urban pollution. Intolerant of standing water. Drought resistant. Juniperus, several species - "Low water shrub" – CoCLUB. See Note 5.	Full sun. Low maintenance. 'Cologreen' identified as subject to disease. Relatively low maintenance in all cases. 'Tolleson's Weeping' may not be suitable except in highly sheltered locations due to Hardiness Zone 4a. See Note 1. Confirm variety, height, width, & nursery information.	Accent, vertical accent, screening		
Savin Juniper 3a See also See also Bar Harbor, Mint Julep & Rocky Mountain Juniper	Juniperus sabina CoCYS (CoCLUB Juniperus spp.) ELN: var. 'Arcadia', 'Blue Danube', 'Broadmoor', 'Buffalo', Calgary Carpet/ 'Monna', Moor-Dense 'Monard', 'New Blue Tam', 'Skandia'	'Arcadia' 0.5 & 1.9, 'Blue Danube' 0.6 & 1.9, 'Broadmoor' 0.4 & 1.8, 'Buffalo' 0.4 & 1.9, Calgary Carpet/ 'Monna' 0.3 & 1.5, Moor-Dense/ 'Monard' 0.3 & 1.8, 'New Blue Tam' 0.6 & 2.2, 'Skandia' 0.3 & 1.5	Slow 30 years	Multi-stemmed with canopy at grade. 'Arcadia' dark green, 'Blue Danube' bluish-green, 'Broadmoor' greyish green, 'Buffalo' emerald green, 'Calgary Carpet' lime green, 'Monard' grey- green, New Blue Tam bluish-green. Tolerates dry or moist conditions. Highly tolerant of urban pollution. Drought resistant. Juniperus several species - "Low water shrub" – CoCLUB. See Note 5.	Full sun. Relatively low maintenance in all cases. Confirm variety, height, width, & nursery information.	Groundcover, mass planting.		

Notes

- 1. Strathmore's Hardiness Zone is currently 3b but this does not ensure that all plants with a 3b classification will survive due to Chinook conditions and periodic droughts. See Column 5 Characteristics. Calgary's Hardiness Zone is 4a making its climate warmer and less severe than Strathmore's. This is due to the Heat Island Effect and the shelter provided by a large city.
- 2. Abbreviations and References
 CoCYS City of Calgary, Environment, Water Conservation, YardSmart Trees and Shrubs

CoCLUB City of Calgary Land Use Bylaw No. 1P2007 (as of October 1, 2018) Part 6 Division 1 General Rules

ELN Eagle Lake Nurseries, eaglelakenurseries.com (plant search)

IE Inside Education, Guide to Common Native Trees and Shrubs of Alberta, Government of Alberta

MNL Millcreek Nursery, millcreeknurery.ca (plant search)

TOO Town of Okotoks, Horticulture Hotline, Recommended trees and shrubs for Okotoks, Oct. 2017

spp. several species

USDA NRCS United States Department of Agriculture, Natural Resources Conservation Service

- 3. The height of a shrub will vary according to environmental conditions. Varying sources or references (including but not limited to nurseries) may provide alternate information and this is reflected in the range of values, where applicable. As far as possible, confirm the height and width of a canopy with the nursery. Avoid planting shrubs that are too large, too high or otherwise inappropriate for the space on maturity. Height and width at maturity are <u>essential considerations</u> especially where shrubs are located at corners, near the entrances or exits to driveways, in boulevards and other locations where they may limit sight lines for pedestrians or drivers. In some cases, shrub spacing recommendations are based on dimensions that are 2/3 of the mature width which risks interfering with pedestrian walkways and other features.
- 4. See also Mountain Pine (Pinus mugo 'uncinata') under Coniferous Trees Medium & Small Park Trees in "ELIGIBLE TREES FOR STRATHMORE".
- 5. This is a partial listing of junipers. For additional options see ELN. CoCYS identifies Rocky Mountain and Sabin Junipers only.