

# APPENDIX A.

## RECOMMENDED PLANTING PALETTES

This biodiversity-focused plant list includes those species recommended for planting within maintained landscape areas; however, retention of existing vegetation that provide biodiversity value is also recommended where possible.

**Species:** Plants considered valuable for biodiversity planting and establishment are categorized within forb, shrub, and tree categories. Plants marked with an '\*' are considered to be of highest value for pollinators. Cultivars are generally not included in this list; however, cultivars may be selected as a proxy for plants on this list. Native species have been prioritized for the biodiversity list; additional non-native species within a plant family or genus (e.g., Milkweeds - *Asclepias*) may be suitable for some maintained landscapes.

**Wildlife value:** Plants that are used by species and/or species guilds such as Amphibians; Bees; Birds; Butterflies/Moths; Hummingbirds; Insects; and Mammals (Small/Large). Insects include beetles, flies, etc., that can also act as pollinators and are considered beneficial. Native host plants (e.g., those that support native butterfly or other insect species for essential life stages) are identified where relevant. Many ornamental plant species are host plants or have associations with certain insects in their natural home ranges; however, those insects may not occur in British Columbia and these host-plant associations are not indicated as such in this

list. Plants that do not provide nectar but do provide valuable habitat for insects and invertebrates are indicated as wildlife cover.

**Flowering Season:** Early (E) to May; Mid (M) - June to August; Late (L) - September onwards.

**Height:** Maximum plant height expected within urban environment to nearest 0.5 meter interval.

**Status:** Native (N), Ornamental (O), Introduced (I). Native plants are indigenous to British Columbia. Ornamental plants are non-native plants that are grown for garden or landscaping purposes. Introduced plants are non-native plants but are considered part of BC Flora (i.e., well-established outside of gardens, etc.).

**Ecology:** Modal Biogeoclimatic Ecosystem Classification (BEC) Zone Class of native plants and secondary BEC Zone association (if significant) (BEC). BEC associations are provided for native plant species and all native and non-native tree species.

**Typology:** Refers to a plant's suitability to different landscapes (pollinator garden, park, boulevard, median, utility corridor) based on characteristics such as height, hardiness, and status.

## ICON LEGEND:



Hummingbirds



Birds



Herptiles



Fish



Insects



Bees



Host Plant



Mammals



Invertebrates



Plants



Butterflies



Small Mammals






### MEDIANS & BOULEVARDS - FORBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Heuchera spp.*</i> Coral bells		M	<1M	O	
<i>Lavendula angustifolia</i> English Lavender		M	<1M	O	
<i>Rosmarinus officinalis</i> Rosemary		E-M	<1.5m	O	

### MEDIANS & BOULEVARDS - SHRUBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Calluna vulgaris*</i> Heather		M	<5m	O	
<i>Cotoneaster</i> Bearberry Cotoneaster		E-M	<0.5m	O	
<i>Cotinus Coggyria</i> Smokebush		M	<5m	O	















## MEDIANS & BOULEVARDS - SHRUBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Cornus sericea</i> Red-osier dogwood		M	<5m	N	CDF CWH
<i>Hydrangea paniculata</i> Panicle Hydrangea		M-L	<5m	O	
<i>Osmanthus burkwoodii</i> Burkwood osmanthus		E	<3m	O	
<i>Rosa nutkana</i> Nootka Rose		M	<3m	N	CDF CWH
<i>Spiraea douglasii</i> Hardhack		E	To 2m	N	CDF CWH
















## WIDE MEDIANS & BOULEVARDS - TREES

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Acer campestre</i> Field maple		E	To 8m	O	CDF CWH
<i>Acer ginnala</i> Amur maple		E	To 6m	O	CDF CWH
<i>Acer griseum</i> Paperbark maple		E	To 8m	O	CWH
<i>Carpinus betulus</i> Hornbeam		E	To 12m	O	CWH
<i>Cercidiphyllum japonicum</i> Katsura		E	To 12m	O	CWH
<i>Cercis canadensis</i> American redbud		E	To 9m	O	CWH
<i>Cornus kousa*</i> Chinese dogwood		M	To 6m	O	CWH
<i>Gleditsia triacanthos</i> Honey locust		E-M	To 12m	O	CDF CWH
<i>Fagus sylvatica</i> Copper Beech		E	To 12m	O	CWH

## WIDE MEDIANS & BOULEVARDS - TREES

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Fraxinus americana</i> White ash		E	To 20m	O	CDF CWH
<i>Liquidambar styraciflua</i> Sweetgum		E	To 13m	O	CWH
<i>Liriodendron tulipifera</i> Tulip tree		E-M	To 20m	O	CWH
<i>Magnolia kobus</i> Kobus magnolia		E	To 9m	O	CWH
<i>Metasequoia glyptostroboides</i> Dawn redwood		n/a	To 20m	O	CDF CWH
<i>Nyssa sylvatica</i> Tupelo		E-M	To 12m	O	CDF CWH
<i>Pinus nigra</i> Austrian pine		n/a	To 20m	O	CDF CWH
<i>Pseudotsuga menziesii</i> Douglas-fir		n/a	To 40m	O	CDF CWH
<i>Quercus coccinea</i> Scarlet oak		E	To 16m	O	CDF CWH
<i>Quercus phellos</i> Willow oak		E	To 13m	O	CWH
<i>Quercus robur</i> English Oak		E	To 16m	O	CDF CWH
<i>Sorbus aucuparia</i> European mountain-ash		E	To 9m	O	CWH
<i>Tilia cordata</i> Small-leaved lime		E-M	To 11m	O	CDF CWH
<i>Ulmus Americana</i> American elm		E	To 20m	O	CDF CWH
















## UTILITY CORRIDORS - FORBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Achillea millefolium</i> * Western Yarrow		M-L	<1m	N	CDF CWH
<i>Allium cernuum</i> * Nodding Onion		E-M	<0.5m	N	CDF
<i>Aquilegia formosa</i> Red Columbine		M	<1m	N	CDF CWH
<i>Asclepias speciosa</i> Showy Milkweed		M	<1m	N	CWH
<i>Collomia grandiflora</i> Large-flowered collomia		M	<1m	N	CDF
<i>Camassia quamash</i> Common camas		E	<1m	N	CDF CWH
<i>Eriophyllum lanatum</i> Woolly Sunflower		E-L	<0.5m	N	CDF CWH
<i>Fragaria virginiana</i> <i>F. vesicatum</i> * Wild Strawberry*		E	<0.5m	N	CDF CWH
<i>Helenium autumnale</i> * Sneezeweed		M-L	<2m	N	CWH
<i>Lomatium utriculatum</i> Spring Gold		E-M	<0.5m	N	CDF
<i>Lupinus polyphyllus</i> Bigleaf lupine		E	<1 m	N	CWH
<i>Plectritis congesta</i> Sea Blush		E-M	<0.5m	N	CDF
<i>Prunella vulgaris</i> Selfheal		M	<0.5m	N/I	CWH
<i>Solidago canadensis</i> Canada goldenrod		L	<2m	N	CWH
<i>Symphotrichum subspicatum</i> Douglas Aster		L	<1m	N	CWH CDF

## UTILITY CORRIDOR - SHRUBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Amelanchier alnifolia</i> Saskatoon		E	To 3m	O	CDF CWH
<i>Holodiscus discolor</i> Oceanspray		L	<7m	N	CDF CWH
<i>Oemleria cerasiformis</i> Indian plum		E	<5m	N	CDF CWH
<i>Philadelphus lewisii</i> Mock orange		E-M	<3m	N	CDF
<i>Physocarpus capitatus</i> Pacific ninebark		M	<3m	N	CDF CWH
<i>Ribes sanguineum</i> Red-flowering currant		E-M	To 3m	N	CDF CWH
<i>Rubus parviflorus</i> Thimbleberry		M	<3m	N	CWH
<i>Rubus spectabilis</i> Salmonberry		E	<4m	N	CWH
<i>Salix bebbiana</i> Bebb's willow		E	To 3m	N	CWH
<i>Salix hookeriana</i> Hooker's willow		E	To 20m	N	CWH
<i>Sambucus racemosa</i> Red elderberry		E-M	To 3m	N	CDF CWH
<i>Rosa nutkana</i> Nootka Rose		M	<3m	N	CDF CWH
<i>Spiraea douglasii</i> Hardhack		E	To 2m	N	CDF CWH

## PARKS - FORBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Achillea millefolium</i> * Western Yarrow		M-L	<1m	N	CDF CWH
<i>Allium cernuum</i> * Nodding Onion		E-M	<0.5m	N	CDF
<i>Aquilegia formosa</i> Red Columbine		M	<1m	N	CDF CWH
<i>Asclepias speciosa</i> Showy Milkweed		M	<1m	N	CWH
<i>Collomia grandiflora</i> Large-flowered collomia		M	<1m	N	CDF
<i>Camassia quamash</i> Common camas		E	<1m	N	CDF CWH
<i>Campanula poscharskyana</i> * Serbian Bellflower		E-M	<0.5m	I/O	
<i>Eriophyllum lanatum</i> Woolly Sunflower		E-L	<0.5m	N	CDF CWH
<i>Fragaria virginiana</i> <i>F. vesicatum</i> * Wild Strawberry*		E	<0.5m	N	CDF CWH
<i>Helenium autumnale</i> * Sneezeweed		M-L	<2m	N	CWH
<i>Lomatium utriculatum</i> Spring Gold		E-M	<0.5m	N	CDF
<i>Lupinus polyphyllus</i> Bigleaf lupine		E	<1 m	N	CWH
<i>Plectritis congesta</i> Sea Blush		E-M	<0.5m	N	CDF
<i>Prunella vulgaris</i> Selfheal		M	<0.5m	N/I	CWH
<i>Solidago canadensis</i> Canada goldenrod		L	<2m	N	CWH
<i>Symphotrichum subspicatum</i> Douglas Aster		L	<1m	N	CWH CDF

## PARKS - SHRUBS

NAME	WILDLIFE VALUE	FLOWERING	HEIGHT	STATUS	ECOLOGY
<i>Amelanchier alnifolia</i> Saskatoon		E	To 3m	O	CDF CWH
<i>Holodiscus discolor</i> Oceanspray		L	<7m	N	CDF CWH
<i>Oemleria cerasiformis</i> Indian plum		E	<5m	N	CDF CWH
<i>Philadelphus lewisii</i> Mock orange		E-M	<3m	N	CDF
<i>Physocarpus capitatus</i> Pacific ninebark		M	<3m	N	CDF CWH
<i>Ribes sanguineum</i> Red-flowering currant		E-M	To 3m	N	CDF CWH
<i>Rubus parviflorus</i> Thimbleberry		M	<3m	N	CWH
<i>Rubus spectabilis</i> Salmonberry		E	<4m	N	CWH
<i>Salix bebbiana</i> Bebb's willow		E	To 3m	N	CWH
<i>Salix hookeriana</i> Hooker's willow		E	To 20m	N	CWH
<i>Sambucus racemosa</i> Red elderberry		E-M	To 3m	N	CDF CWH
<i>Rosa nutkana</i> Nootka Rose		M	<3m	N	CDF CWH
<i>Spiraea douglasii</i> Hardhack		E	To 2m	N	CDF CWH