

TREES AND PLANTS OF NIKKA YUKO



Nikka Yuko Japanese Garden

❖ Nikka Yuko is considered a Canadian garden done in a Japanese style

- ❖ This distinction is made as the trees and plants in the Garden are native to North American as Japanese trees and plants are not able to grow successfully in southern Alberta's climate

❖ There are both coniferous and deciduous trees and plants at Nikka Yuko that our team of gardeners work hard to shape and maintain

- ❖ The head arborist of Nikka Yuko has been trained extensively in Japanese garden design. Japanese garden design is quite complex and can take decades to truly master
- ❖ One of the most important ideals of Japanese garden design is to recreate the effects of natural scenery. Plants and trees are placed and groomed strategically in order to reflect their natural state in nature and promote peace and harmony throughout the garden.
- ❖ Everything is well thought out and considered including every individual branch and the spacing between them. Not only do the gardeners consider how the branches and leaves themselves look, they also are considerate of the way light will shine through the trees and form shadows along the pathways



CONIFEROUS TREES AND PLANTS

- Coniferous trees and plants, also known as evergreens, keep their foliage all year around
- Most have needle like leaves and are gymnosperms
 - Gymnosperms:
 - flowerless plants/trees that produce cones
 - Terms means “naked seed” as the cones are exposed on the surface of the plant/tree
- Lifespan ranges from a few decades to over 5,000 years
- Conifers are also some of the tallest trees
 - Coast Redwoods are the tallest trees reaching more than 110 metres tall (found in California)
- Conifers depend on ecological disturbance (such as fires) for regeneration
 - ADD INFO

Coniferous Trees



Coniferous Plants



CONIFEROUS TREES IN THE GARDEN

Limber Pine

- small twisted tree with short limbs
- usually 5-10 metres high
- Needles occur in bunches of 5 and are usually blueish-green
- cones 8-12 cm long
- typically grows in dry to moderately moist environments



Lodge Pole Pine

- Tall and slender
- Needles occur in bunches of 2 and are usually dark green
- Thin orangey-brown bark
- Short cylinder/egg shaped cones ranging from 2-4 cm long
- Highly adaptable, can grow in many environments



Ponderosa Pine

- Large crowned tree usually 20-30 metres tall
- Needles occur in bunches of 3 and are usually 12-20 cm long
- One of the most abundant conifers in North America

CONIFEROUS SHRUBS IN THE GARDEN

Prince of Wales Juniper

- Low spreading shrub with bright green, starburst shaped foliage
- Turns plum colour in the winter
- Native to southern Alberta



Blue Chip Juniper

- dense, ground hugging shrub with silver-blue foliage
- Like the Prince of Wales Juniper, it also turns purplish in the winter

Nest Spruce

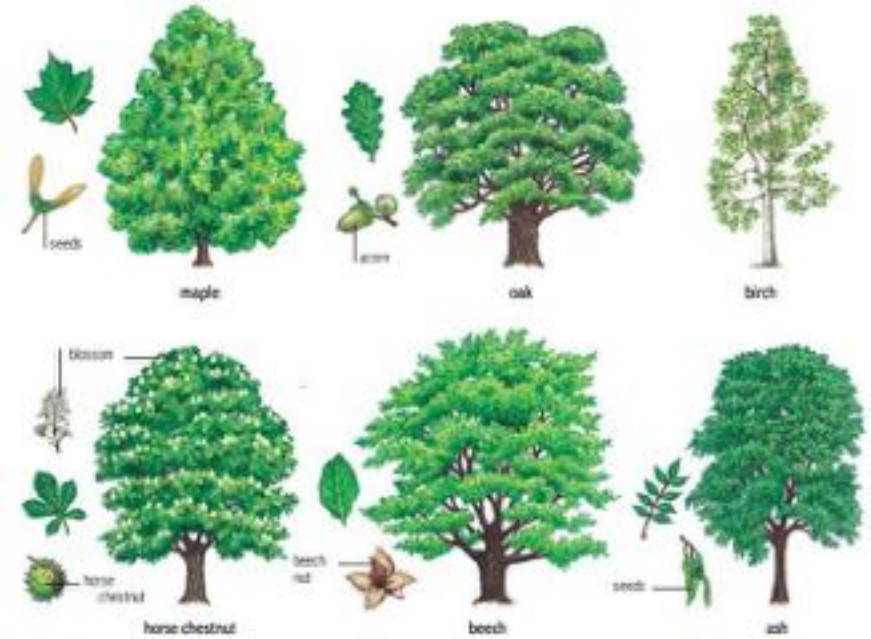
- Is called Nest Spruce as its shape resembles a birds nest with its flat top
- Dense, dark green needles



DECIDUOUS TREES AND PLANTS

- Deciduous trees and plants are those that shed all their leaves for part of the year
 - This process of shedding leaves usually occurs in autumn/winter and is known as **abscission**
- They tend to have broad, flat leaves and do not bear cones
- Deciduous conifers
 - Some trees can be both deciduous and coniferous
 - These trees have cones and needles like conifers, but the needles change colour and fall off every year like deciduous trees
 - Examples include: European larch, Tamarack Larch, Bald Cypress, and Dawn Redwood

Deciduous Trees



Deciduous Conifer: European Larch



DECIDUOUS TREES IN THE GARDEN

Russian Olive

- Narrow silvery-grey leaves with small yellow flowers
- Flowers are quite fragrant in the summer
- Was brought to North America in the late 19th century, originally from western and central Asia



Amur Maple

- Relatively small tree that is known for its vibrant colours in the fall
- Trees name comes from the Amur valley which divides China and Russia



Dolgo Crabapple

- Was originally brought from Serbia in the late 19th century
- Has white flowers that blossom for a few weeks in late April/ early May



DECIDUOUS SHURBS IN THE GARDEN

Preston Lilac

- A very hardy, versatile shrub
- Light purple flowers give off a strong fragrance
- Blossoms in late spring – early summer



Globe Caragana

- Globe shaped shrub with dense light green foliage
- Bright yellow flowers in spring
- Drought tolerant shrub



Nannyberry

- Shiny green foliage
- Turns purply-red in the fall
- Grows white flowers in the spring that turn into blue coloured berries