



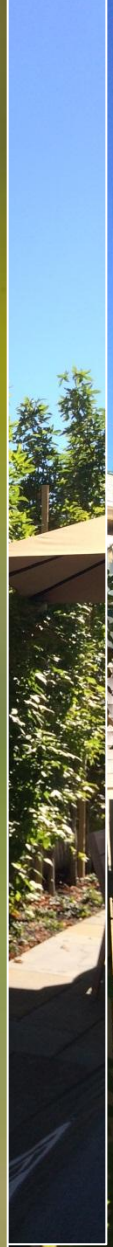
**ROYAL
BOTANICAL
GARDENS**
www.rbg.ca

project.

Recommended Repertoire of Respectable Plants

- Hardy in southern Ontario
- Drought tolerance
- Urban tolerance
- Low maintenance
- Multi-season interest
- Maximum show
- Diversity
- Botanically interesting -
Something that can tell a story





- Upright cultivar
- Specimen, vertical accent, massing, hedging, small spaces, streetscapes
- Height: 60 feet (18m)
- Spread: 6 feet (2m)
- Full sun to partial shade
- Tolerates urban conditions
- Outstanding fall colours
- Minimal to no fruit production

Liquidambar styraciflua
'Slender Silhouette'



- Fragrant blooms late Aug-Sept
- Pyramidal clusters – white flowers
- Sun to partial shade
- Height & spread 20-30 feet (6-9m)
- Similar effect as tree lilac
- Attractive fall colour – deciduous
- Attracts butterflies
- Tough – adapts to soils – drought tolerant
- No known pests or diseases



Poliothyrsis sinensis



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- Specimen shade tree
- Height: 40-50 (12-15m)
- Spread: 20-30' (6-9m)
- Hairy leaves & corky bark
- Flowers (showy catkins) in early spring
- Great structure = minimal pruning required
- Tolerates urban conditions – heat, cold, drought, pollution



Corylus colurna



- Blooms late Aug-Sept
- White flowers with purple spotting
- Partial – full shade
- Height & spread 2-2.5 feet (60-75cm)
- Excellent companion for *Hosta*
- Low maintenance – medium water
- Requires moist organically rich soil
- Very easy to grow – spreads over time
- Few pests – occasionally slugs
- Unique flower



Tricyrtis 'Empress'
Toad Lily



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- 'Near threatened' in wild
- Sacred tree in Asia for centuries
- First accession at RBG
- Hardier than most think
- Height: 50-60m (164-196')
- Lots of interesting cultivars



Cryptomeria japonica



- Inconspicuous green flowers – spring
- Height 40-60 feet (12-18m) spread 25-30feet (7-10m)
- Very striking glossy dark leaves
- Dense, symmetrical oval crown
- Drought tolerant & super urban tough
- No known pets or diseases
- Superb specimen, shade or street tree
- Super low maintenance requirements
- My girls are looking for a man!



Eucommia ulmoides
Hardy Rubber Tree



- Height & spread:
 - 36" x 48"
- Reliable blooms late Aug-Sept
- Pure white flowers – huge
- Colour not affected by pH
- Great fall colours!



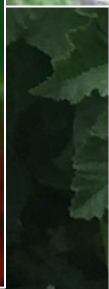
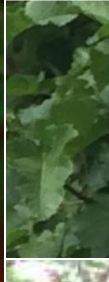
Hydrangea paniculata
'ILVOBO' BOBO®



- 2006 – American Peony Society Gold Medal
- Yellow double-semi double flowers in late spring – early summer – lemony fragrance
- Full sun – adaptable to soil types
- Drought tolerant little maintenance – dead head
- Hardy and easy to grow – superb for borders – cut flowers – accent plant – deer/rabbit resistance, landscape , massed or specimen plantings
- Highly sought after plant



Paeonia 'Bartzella'



- 2007 introduction by PlantSelect®, Colorado
- Full sun to part shade
- Height & spread: 15-18' (4.5-5.5m)
- Strong branching
- Low maintenance – drought & heat tolerance
- Bright red fruits that persist 6+ weeks
- Small space tree, under power lines



Acer tataricum
'GarAnn' HOT WINGS™



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- The finest of all lilacs – blooms mid-late May
- Double white flowers with pink over tones and pink buds produce wonderful fragrance
- Upright multi-stemmed shrub 10-12 feet (3-4 m) tall and 8 feet (2.5m) spread
- Requires full sun and good air movement
- Adapts to urban pollution, a range of soil conditions but needs good drainage
- Ideal for landscape and mass planting in green spaces, garden use and hedges and screens
- Sold as 'Beauty of Moscow'



Syringa vulgaris 'Krasavitsa Moskvyy'



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



Parrotia persica



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- Double white blooms early-late spring
- Height 12 inches (30cm) & clump forming
- Tolerates full sun to full shade
- Needs good drainage, humus rich soil
- Drought tolerant and deer resistant
- Mixed beds, shade gardens, woodland margins, en masse and naturalizing
- Evergreen foliage



Helleborus 'Sparkling Diamond'
Winter Jewels™



- Wide-spread North American native
- Becoming one of North America's most used ornamental grasses
- Lots of natural variations & sports
- Interest in 4 seasons
- Hot & sunny locations
- Soil adaptable & drought tolerance
- Not favoured by deer? Really?
- Walters Gardens introduction
- Upright growth into late fall
- Good red to dark purple autumn colours

Schizachyrium scoparium
'Smoke Signal'



- Bright yellow panicles bloom July-Aug
- Seed pods ripen Sep-Oct
- Height and spread 30-40 feet (9-12m)
- Needs full sun – no shade
- Adapt to nutritionally poor soils
- Attracts bees and pollinators. No known pest problems
- Tolerates pollution & drought
- Good street/parking lot tree



Koelreuteria paniculata
Golden Rain Tree



- Full sun to partial shade
- Perennial bed or container
- Crisp, textured green foliage in tight clusters – choke out weeds!
- Blooms throughout summer
- Consistently heavy flower production – a pollinator’s dream
- Deadhead for more flowers
- Very easy to grow – easily divided
- Not well known or widely cultivated but it should be!
- Mint family (*Lamiaceae*) but not a thug like some we know!

Stachys officinalis
‘Hummelo’



- Electric blue blooms in from July - Oct
- Good in hot dry sites – drought tolerant
- Grows on a diverse range of soils
- Is cold hardy and compact
- Attracts hummingbirds and butterflies – is resistant to deer
- Perfect for borders, perennial and rock gardens, mass plantings, containers and cut flowers
- Super easy care perennial with virtually no problems



Penstemon 'Delfts Blue Riding Hood'
(Riding Hood Series)



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- Proven performer
- Pyramidal with low hanging branches
- Excellent specimen tree
- Delicate texture for a spruce due to the short needles
- Grows well in a wide range of soil types if well drained
- Few pests & diseases
- Spring interest – yellow new growth



Picea orientalis
'Aurea'



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- Fragrant blooms late Aug-Sept
- Height and spread 19 feet (6m)
- Full sun but tolerates shade
- Attractive deeply veined glossy leaves
- Deep red calyces follow flowers
- Attractive papery bark exfoliates
- Early formative pruning = multi stem
- Drought tolerant, no known P & D
- Beds, borders, roadside, parking lot or outstanding specimen plant



Heptacodium miconioides
Seven Son Flower



- Trifoliate maple – like *Acer griseum* (paperbark maple)
- One of many species discovered by Charles Maries
- Small to medium size tree
 - 20 – 40 feet tall
- Outstanding fall colour



Acer maximowiczianum



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



- Amazing colour varieties
- Range of sizes
- Easy to grow
- Low maintenance/underutilized
- Drought tolerance
- Range of local breeders

Bearded Iris Cultivars



ROYAL
BOTANICAL
GARDENS
www.rbg.ca



www.rbg.ca

jpeter@rbg.ca

ahenderson@rbg.ca

THANKS!



ROYAL
BOTANICAL
GARDENS
www.rbg.ca