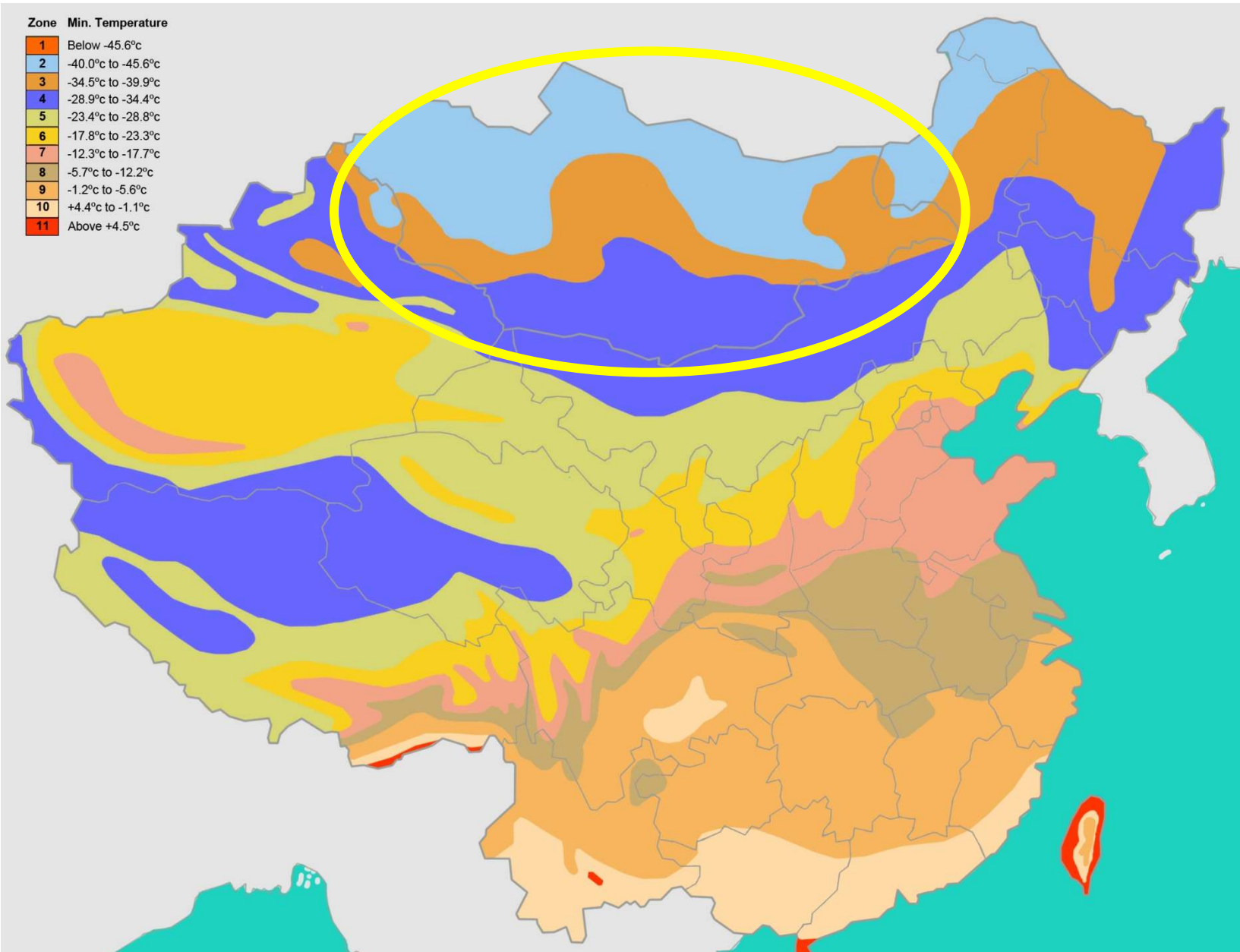
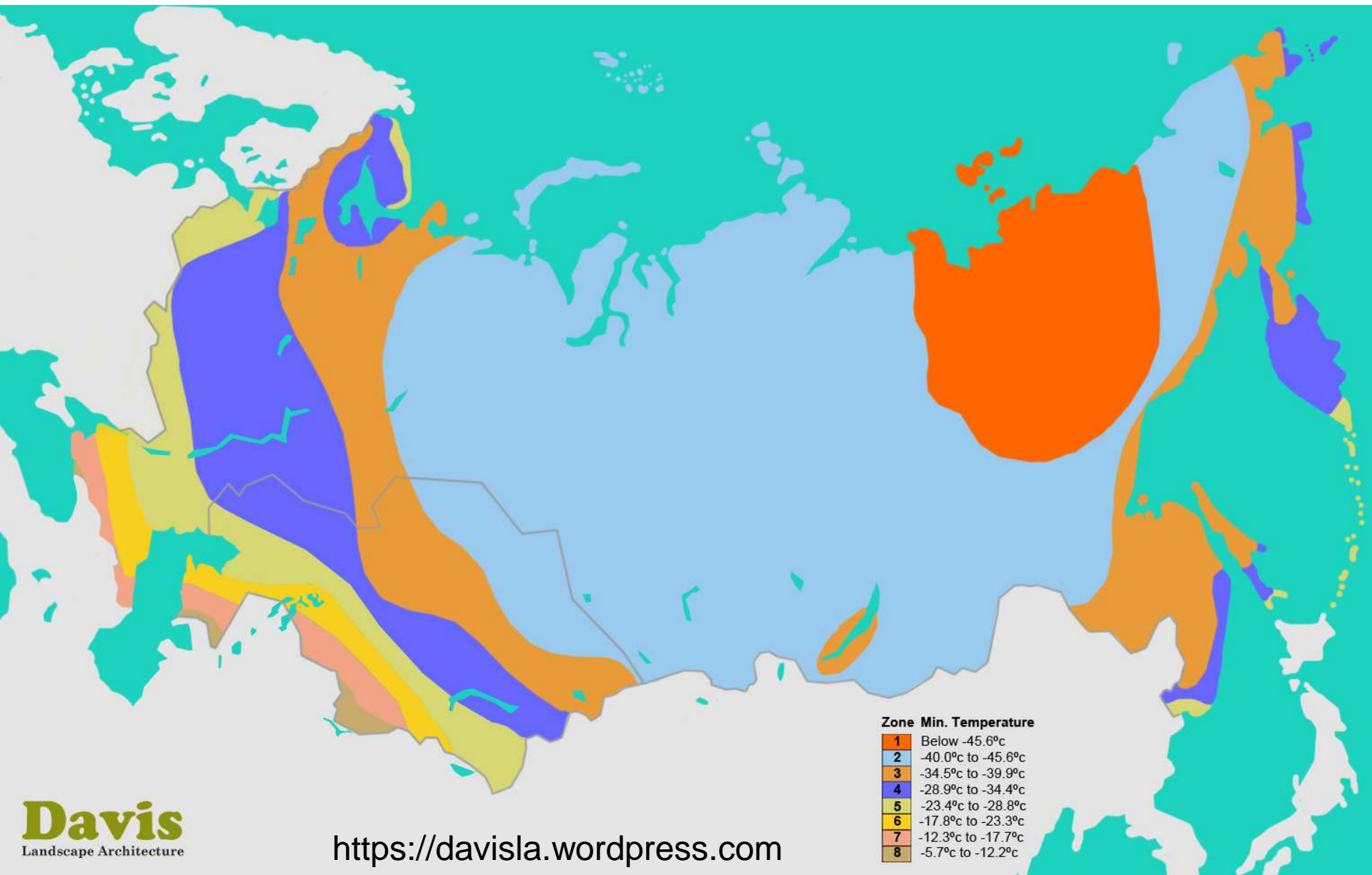

MONGOLIAN CITIES ASSORTMENT OF PLANTS

Mongolia and China Plant Hardiness Zones Map

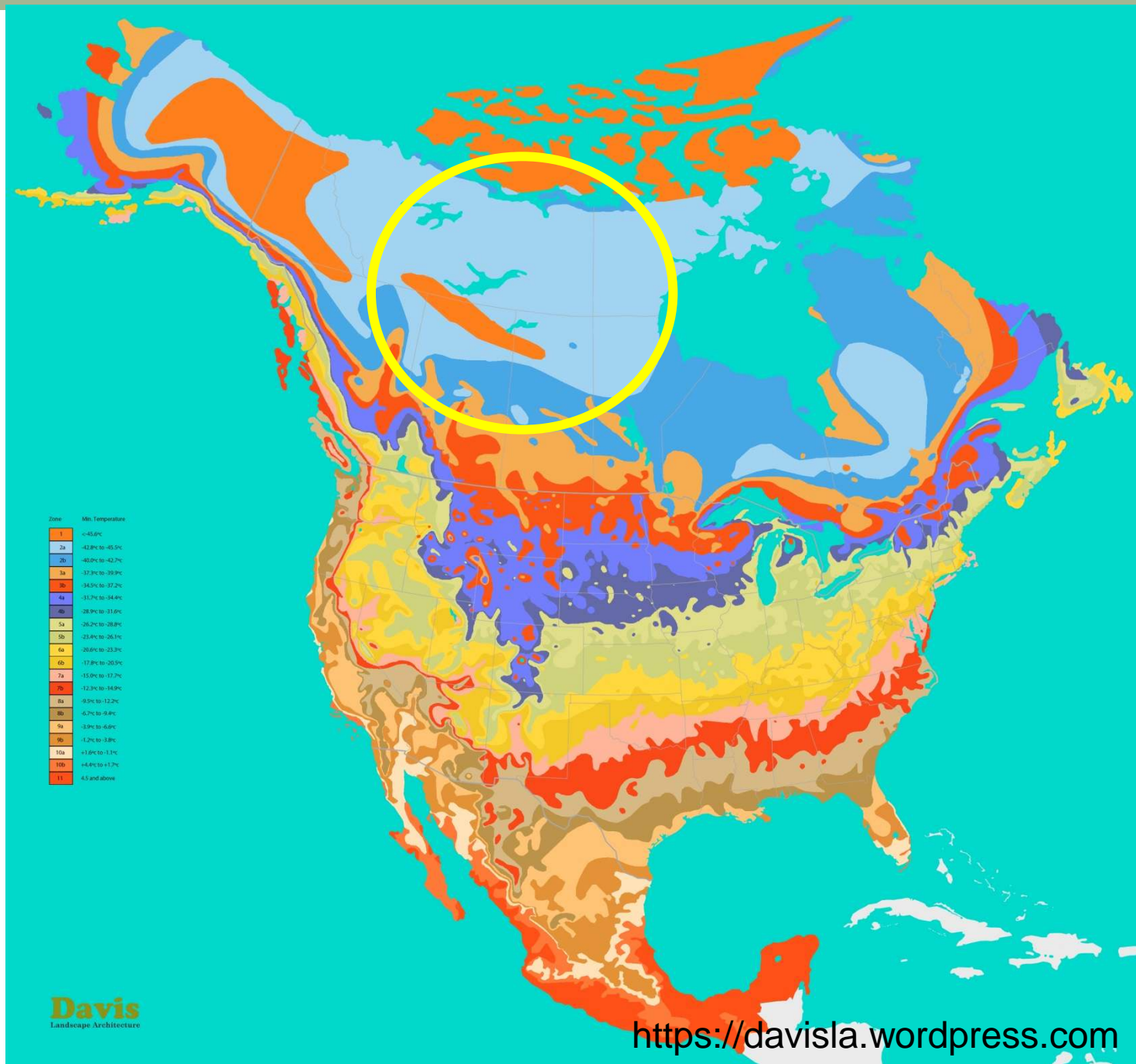


Russia Kazakhstan Plant Hardiness Zone Map



Zone	Min. Temperature
1	Below -45.6°C
2	-40.0°C to -45.6°C
3	-34.5°C to -39.9°C
4	-28.9°C to -34.4°C
5	-23.4°C to -28.8°C
6	-17.8°C to -23.3°C
7	-12.3°C to -17.7°C
8	-5.7°C to -12.2°C

North America Plant Hardiness Zone Map



Picea obovata

- Up to 35 m high tree
- Mesophyte, shade-tolerant
- Blue ornamental form



Often grows along rivers

Larix sibirica

- tree up to 40 m high
- oligotrophic, drought and pollution tolerant species



Abies sibirica

- tree up to 30 m high
- slow-growing, shade tolerant species
- pollution intolerant – towns?
- eutrophic, mesophyte!



Pinus sibirica - Siberian Pine

- tree up to 40 m high
- mesophyte, mesotroph, shade-tolerant
- slow-growing, decorative species



Pinus pumila

Dwarf Siberian Pine

- to 8 m tall, nice small shrub
- mesopsychrophyte, petrophyte, shade-tolerant



Juniperus sibirica

- creeping shrub 0,5 m high
- tolerant of drought
- use - fixation of erosion slopes



Juniperus pseudosabina

- creeping, prostrate shrub
- ground cover plant, slow-growing species, tolerant of drought
- use - fixation of erosion slopes



Ulmus pumila

- 6-15 m high
- well-adapted to sand
- xerophyte, oligotroph, pollution-tolerant, fast-growing
- use - good on hedges



Populus laurifolia

- tree 10-20 m high
- pollution-tolerant, fast-growing
- oligothropic, mesophyte
- use – good street tree



Yellow fall

Populus tremula

- tree 10-30 m high
- mesophyte, mesotroph
- drought and pollution-tolerant



Malus baccata

- small trees or large shrub to 5 m high
- mesophyte, mesotroph
- edible berry, decorative species, use - small street tree



Prunus asiatica

- large shrub to small tree 2-10m
- mesophyte, mesotroph, can grow on infertile soils
- use - small street tree



autumn red color



drooping racemes

Crataegus sanguinea

Siberian hawthorn

- tall shrub or small tree 1-4m tall
- use - small street tree



Caragana arborescens

- large shrub to small tree 1-
- xerophyte, oligotrophic, sha
- relationship with bacteria o
nitrogen



'Pendula'

Lonicera caerulea

Blue-berried Honeysuckle

- deciduous shrub growing to 2m tall.
- mesoxerophyte-mesophyte, drought tolerance, oligotrophic-mesotrophic, shade-tolerant species, air pollution resistance.
- species with blue, edible berry.



Potentilla fruticosa

- small shrub up to 1m
- tolerant of drought
- use - ground cover on erosion slopes



'Abbotswood'



'Red Ace'



Ribes diacanthum

- shrub up to 2 meters tall
- good on hedges
- edible berry



red fruits

Rhododendron dauricum

- shrub to 2,5 m tall
- undergrowth species – shade tolerant



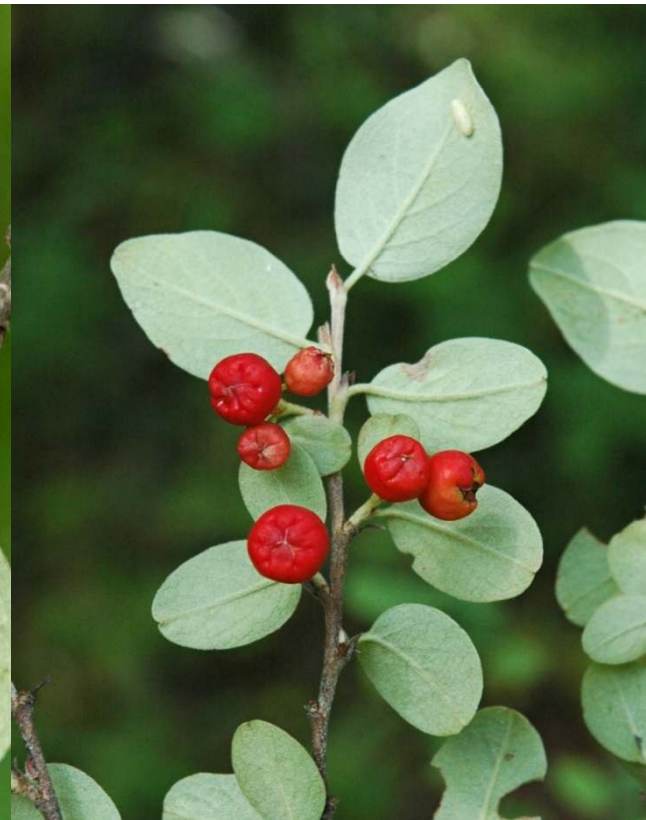
Ribes nigrum - Blackcurrant

- medium-sized shrub to 1.5 m
- intolerant of drought
- edible berry



Cotoneaster melanocarpus

- shrub 1-3m tall, yellow-orange fall colour and edible fruits
- xerophyte, oligotrophic, shade-tolerant species, air pollution resistance
- tolerant of drought - fixation of erosion slopes



Hippophae rhamnoides – Sea buckthorn

- spiny shrub to 5 m tall, distribute by roots sprouting
- drought-tolerant, oligotrophic plant, tolerant of salty soils and pollution
- edible berry



Spirea salicifolia

- Shrub to 1,5 m tall, distribute by roots sprouting
- Hyrdrophyte, eutroph, but can grow in infertile soils
- Flowering 28-90 days



Spiraea douglasii

Rhododendron aureum

- evergreen shrubs 0,5 – 3 m tall
- yellow flowers
- plant on shaded places



Rosa rugosa

suckering shrub, 1–1.50 m tall



straight prickles

Viburnum sargentii



shrubs to 3 (4) m tall



flowers – sterile (margin) and fertile



Syringa vulgaris

- large deciduous shrub or multistemmed small tree
- growing to 6–7 m high
- use – decorative flowers



Sorbaria sorbifolia

- Shrub 1,5 – 2(3) m tall.
- Well-adapted species, eutroph – can grow on infertile soils.



Bergenia crasifolia

- evergreen
- on shaded places
- use - ground cover plant

