Laburnum alpinum

Habitus and growth type

Plant height [m]: **5.55**
Life span: **Perennial**
Life form: **Phanerophyte, Tree, Shrub**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **27.55**
Dispersal mode: **Anemochory, Anthropochory**
Dispersal distance class: **4, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.5**
Moisture indicator value: **5.5**
Reaction indicator value: **6**
Nutrient indicator value: **4.5**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.03**

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Disturbance frequency (herb layer): **1.25**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.12**
Mowing frequency: **0**
Grazing pressure: **0.19**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CA (FAG) *Carpino-Fagetea sylvaticae***

Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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