Malus pumila

Habitus and growth type

Plant height [m]: **9.51**
Life span: **Perennial**
Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**
Specific leaf area [mm^2/mg]: **25.84**

Flower

Flowering period: **March-May**

Fruit, seed and dispersal

Seed mass [mg]: **26.74**
Dispersal mode: **Endozoochory, Anthropochory**
Dispersal distance class: **6, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **archeophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.2**
Temperature indicator value: **6.3**
Moisture indicator value: **4.9**
Reaction indicator value: **6.1**
Nutrient indicator value: **5.3**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.22**
Disturbance frequency (herb layer): **1.45**
Disturbance severity: **0.68**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.13**
Grazing pressure: **0.19**
Soil disturbance: **0.17**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CD (RHA) *Crataego-Prunetea***

Broad habitat

Occurrence in broad habitats: **Scrub**

Distribution

Continentality: **7**
Continentality amplitude: **4**

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