Prunus serotina

Habitus and growth type

Plant height [m]: **12.78**
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**
Specific leaf area [mm^2/mg]: **18.82**

Flower

Flowering period: **June-August**

Fruit, seed and dispersal

Seed mass [mg]: **105.18**
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: **neophyte**

Ecology

Environmental relationships

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

Ellenberg-type indicator values

Light indicator value: **5.6**
Temperature indicator value: **6.4**
Moisture indicator value: **5.3**
Reaction indicator value: **4**
Nutrient indicator value: **4**
Salinity indicator value: **0**

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Disturbance indicator values

Disturbance frequency: **0.1**
Disturbance frequency (herb layer): **1.31**
Disturbance severity: **0.76**
Disturbance severity (herb layer): **0.18**
Mowing frequency: **0.02**
Grazing pressure: **0.2**
Soil disturbance: **0.21**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CC (QUE) *Quercetea robori-petraeae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **T3M Coniferous plantation of non site-native trees**
Constant species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **T3M Coniferous plantation of non site-native trees**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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