

# ***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<sup>2</sup>/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**

## 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: [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**