

# *Sambucus ebulus*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **20.17**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **58.6**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Reaction indicator value: **7.8**

Nutrient indicator value: **7**

Salinity indicator value: **0.1**

### Disturbance indicator values

Disturbance frequency: **0.78**

Disturbance frequency (herb layer): **1.47**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.59**

Mowing frequency: **0.54**

Grazing pressure: **0.19**

Soil disturbance: **0.28**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [QG \(EPI\) Epilobietea angustifolii](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [R57 Herbaceous forest clearing vegetation](#)

Constant species of EUNIS habitats: [R57 Herbaceous forest clearing vegetation](#)

Dominant species of EUNIS habitats: [R57 Herbaceous forest clearing vegetation](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Grassland (non-alpine, non-saline), Scrub, Synanthropic**

## Distribution

Continentality: **5**

Continentality amplitude: **4**