

# *Sambucus racemosa*

## Habitus and growth type

Plant height [m]: **2.95**

Life span: **Perennial**

Life form: **Phanerophyte, 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]: **28.75**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **38.89**

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: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **5.9**

Temperature indicator value: **4**

Moisture indicator value: **5.2**

Reaction indicator value: **5**

Nutrient indicator value: **7.2**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.07**

Disturbance frequency (herb layer): **1.34**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.17**

Mowing frequency: **0.02**

Grazing pressure: **0.19**

Soil disturbance: **0.12**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CF \(ROB\) Robinietaea](#), [CR \(VIR\) \*Betulo carpaticae-Alnetea viridis\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T32 Temperate mountain Abies forest](#)

Constant species of EUNIS habitats: [S38 Temperate forest clearing scrub](#), [T32 Temperate mountain Abies forest](#)

### Broad habitat

Occurrence in broad habitats: **Scrub, Forest, Synanthropic**

## Distribution

Continentality: **5**

Continentality amplitude: **3**