

# *Sambucus nigra*

## Habitus and growth type

Plant height [m]: **4.71**

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]: **20.53**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **63.66**

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, neophyte**

## 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: **6.6**

Reaction indicator value: **6.7**

Nutrient indicator value: **8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.14**

Disturbance frequency (herb layer): **1.35**

Disturbance severity: **0.69**

Disturbance severity (herb layer): **0.23**

Mowing frequency: **0.03**

Grazing pressure: **0.19**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CF \(ROB\) \*Robinietaea\*](#), [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [S38 Temperate forest clearing scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T1F Ravine forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#)

Constant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [S35 Temperate and submediterranean thorn scrub](#), [S37 Corylus avellana scrub](#), [S38 Temperate forest clearing scrub](#), [T11 Temperate Salix and Populus riparian forest](#), [T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T17 Fagus forest on non-acid soils](#), [T1E Carpinus and Quercus mesic deciduous forest](#), [T1F Ravine forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#), [T22 Mainland laurophyllous forest](#), [T3C Taxus baccata forest](#)

Dominant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#), [S35 Temperate and submediterranean thorn scrub](#), [T1H Broadleaved deciduous plantation of non site-native trees](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**