Sambucus canadensis

Habitus and growth type

Plant height [m]: **3.5**
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^2/mg]: **22.26**

Fruit, seed and dispersal

Seed mass [mg]: **2.35**
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: **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**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Mowing frequency: **0.03**
Grazing pressure: **0.19**
Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CF (ROB) *Robinietea*, 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**

© 2014-2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz