Hippophae

Habitus and growth type

Plant height [m]: **3.47**
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]: **12.5**

Fruit, seed and dispersal

Seed mass [mg]: **131.26**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with frankia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.6**
Temperature indicator value: **6**
Moisture indicator value: **4.9**
Reaction indicator value: **8**
Nutrient indicator value: **3**
Salinity indicator value: **0.8**

Disturbance indicator values

Disturbance frequency: **1**
Disturbance frequency (herb layer): **1.28**

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

Disturbance severity: **0.39**
Disturbance severity (herb layer): **0.32**
Mowing frequency: **0.05**
Grazing pressure: **0.27**
Soil disturbance: **0.22**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **S91 Temperate riparian scrub**
Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **S91 Temperate riparian scrub**
Dominant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **S91 Temperate riparian scrub**

Broad habitat

Occurrence in broad habitats: **Scrub, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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