

# *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<sup>2</sup>/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**

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**