

# *Empetrum nigrum* aggr.

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

## Leaf

Leaf type (woody plants only): **Needle-like, Sclerophyllous**

Leaf phenology (woody plants only): **Evergreen**

Specific leaf area [mm<sup>2</sup>/mg]: **9.02**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **13.51**

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: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**

Temperature indicator value: **3.2**

Reaction indicator value: **2.6**

Nutrient indicator value: **2.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.56**  
Disturbance frequency (herb layer): **1.31**  
Disturbance severity: **0.4**  
Disturbance severity (herb layer): **0.2**  
Mowing frequency: **0.03**  
Grazing pressure: **0.23**  
Soil disturbance: **0.15**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N18 Atlantic and Baltic coastal Empetrum heath](#), [N1F Baltic coniferous coastal dune forest](#), [Q31 Palsa mire](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#)

Constant species of EUNIS habitats: [N18 Atlantic and Baltic coastal Empetrum heath](#), [N19 Atlantic coastal Calluna and Ulex heath](#), [N1F Baltic coniferous coastal dune forest](#), [Q11 Raised bog](#), [Q31 Palsa mire](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [S11 Shrub tundra](#), [S12 Moss and lichen tundra](#), [S22 Alpine and subalpine ericoid heath](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T3F Dark taiga](#), [T3G Pinus sylvestris light taiga](#), [T3J Pinus and Larix mire forest](#), [T3K Picea mire forest](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#), [U61 Subarctic volcanic field](#)

Dominant species of EUNIS habitats: [N18 Atlantic and Baltic coastal Empetrum heath](#), [S11 Shrub tundra](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**