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^2/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

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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**, **Q11 Raised bog**, **Q31 Palsa mire**, **S11 Shrub tundra**, **S12 Moss and lichen tundra**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**, **T3G Pinus sylvestris light taiga**, **T3J Pinus and Larix mire forest**

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**, **N1F Baltic coniferous coastal dune forest**, **Q11 Raised bog**, **S11 Shrub tundra**, **S12 Moss and lichen tundra**, **T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils**

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)**

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