Erica carnea

Habitus and growth type

Plant height [m]: **0.36**
Life span: **Perennial**
Life form: **Chamaephyte, Dwarf shrub**

Leaf

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

Flower

Flowering period: **January-June**

Fruit, seed and dispersal

Seed mass [mg]: **0.13**
Dispersal mode: **Anemochory**
Dispersal distance class: **3**

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

Ellenberg-type indicator values

Light indicator value: **6.8**
Temperature indicator value: **3.8**
Moisture indicator value: **3.5**
Reaction indicator value: **6.3**
Nutrient indicator value: **2**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.2**
Disturbance frequency (herb layer): **0.86**
Disturbance severity: **0.54**
Disturbance severity (herb layer): **0.18**
Mowing frequency: **0.04**
Grazing pressure: **0.21**
Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CO (ERI) *Erico-Pinetea***, **CQ (RHO) *Rhododendro hirsuti-Ericetea carneae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S26 Subalpine Pinus mugo scrub**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**
Constant species of EUNIS habitats: **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S26 Subalpine Pinus mugo scrub**, **T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**, **T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest**
Dominant species of EUNIS habitats: **S26 Subalpine Pinus mugo scrub**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **5**
Continentality amplitude: **1**

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