

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

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**