

# ***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](#), [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**