

# *Comarum palustre*

## Habitus and growth type

Plant height [m]: **0.43**

Life span: **Perennial**

Life form: **Chamaephyte, Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **19**

## Flower

Flowering period: **April-September**

## Fruit, seed and dispersal

Seed mass [mg]: **0.36**

Dispersal mode: **Myrmecochory**

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: **Water**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.7**

Temperature indicator value: **4**

Moisture indicator value: **9.8**

Reaction indicator value: **3.5**

Nutrient indicator value: **1.9**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.02**

Disturbance frequency (herb layer): **1.43**  
Disturbance severity: **0.3**  
Disturbance severity (herb layer): **0.22**  
Mowing frequency: **0.25**  
Grazing pressure: **0.13**  
Soil disturbance: **0.15**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [IA \(ALN\) \*Alnetea glutinosae\*](#), [PA \(SCH\) \*Scheuchzeria palustris-Caricetea fuscae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [Q22 Poor fen](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#)

Constant species of EUNIS habitats: [Q22 Poor fen](#), [Q24 Intermediate fen and soft-water spring mire](#), [Q25 Non-calcareous quaking mire](#), [Q42 Extremely rich moss-sedge fen](#), [Q44 Calcareous quaking mire](#), [S92 Salix fen scrub](#), [T15 Broadleaved swamp forest on non-acid peat](#), [T16 Broadleaved mire forest on acid peat](#)

### Broad habitat

Occurrence in broad habitats: **Aquatic, Wetland, Mire, Scrub, Forest**

## Distribution

Continentality amplitude: 7