

Dryas octopetala

Habitus and growth type

Plant height [m]: **0.06**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

Leaf

Specific leaf area [mm²/mg]: **10.92**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.68**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

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: **8.2**

Temperature indicator value: **2.2**

Moisture indicator value: **4.5**

Reaction indicator value: **8**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.96**

Disturbance frequency (herb layer): **1.07**
Disturbance severity: **0.3**
Disturbance severity (herb layer): **0.27**
Mowing frequency: **0.01**
Grazing pressure: **0.23**
Soil disturbance: **0.07**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [AB \(KOB\) *Carici rupestris-Kobresietea bellardii*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#)

Constant species of EUNIS habitats: [R44 Arctic-alpine calcareous grassland](#), [S11 Shrub tundra](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [S26 Subalpine Pinus mugo scrub](#)

Dominant species of EUNIS habitats: [S22 Alpine and subalpine ericoid heath](#)

Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland**, **Heathland**, **Oromediterranean scrub**, **Scrub**, **Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality: **6**

Continentality amplitude: **6**