Dryas octopetala

Habitus and growth type

Plant height [m]: **0.06**
Life span: **Perennial**
Life form: **Chamaephyte, Dwarf shrub**

Leaf

Specific leaf area [mm^2/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**

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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**

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