

# *Daphne alpina*

## Habitus and growth type

Plant height [m]: **0.33**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Flower

Flowering period: **March-June**

## Fruit, seed and dispersal

Seed mass [mg]: **5.56**

Dispersal mode: **Endozoochory**

Dispersal distance class: **6**

## 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: **8.5**

Temperature indicator value: **5**

Moisture indicator value: **3.5**

Reaction indicator value: **7.5**

Nutrient indicator value: **2**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.44**

Disturbance frequency (herb layer): **0.97**

Disturbance severity: **0.4**

Disturbance severity (herb layer): **0.21**

Mowing frequency: **0.07**

Grazing pressure: **0.2**

Soil disturbance: **0.09**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [KC \(ASP\) \*Asplenietea trichomanis\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal cliff, Grassland (non-alpine, non-saline),  
Sparsely vegetated (incl. rock and scree)**

## **Distribution**

Continentality: **5**

Continentality amplitude: **3**