

# *Daphne mezereum*

## Habitus and growth type

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm<sup>2</sup>/mg]: **28.92**

## Flower

Flowering period: **February-May**

## Fruit, seed and dispersal

Seed mass [mg]: **159.93**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.1**

Temperature indicator value: **4.5**

Moisture indicator value: **5.3**

Reaction indicator value: **6.9**

Nutrient indicator value: **5.3**

Salinity indicator value: **0**

## Disturbance indicator values

Disturbance frequency: **0.05**

Disturbance frequency (herb layer): **1.21**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.13**

Mowing frequency: **0**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [T17 \*Fagus forest on non-acid soils\*](#), [T39 \*Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest\*](#), [T3H \*Larix light taiga\*](#)

Constant species of EUNIS habitats: [S26 \*Subalpine Pinus mugo scrub\*](#), [T17 \*Fagus forest on non-acid soils\*](#), [T1F \*Ravine forest\*](#), [T31 \*Temperate mountain Picea forest\*](#), [T32 \*Temperate mountain Abies forest\*](#), [T34 \*Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest\*](#), [T39 \*Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest\*](#), [T3H \*Larix light taiga\*](#)

### Broad habitat

Occurrence in broad habitats: **Alpine-subalpine and arctic grassland, Scrub, Forest**

## Distribution

Continentality amplitude: **6**