

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 [mm²/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: [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**