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^2/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**

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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**

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