Dactylorhiza majalis

Habitus and growth type

Plant height [m]: **0.34**
Life span: **Perennial**
Life form: **Geophyte**

Leaf

Specific leaf area [mm^2/mg]: **23.73**

Flower

Flowering period: **May-August**

Fruit, seed and dispersal

Seed mass [mg]: **0.01**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

Trophic mode

Parasitism and mycoheterotrophy: **initial or partial mycoheterotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Wet**
Substrate reaction relationship: **Slightly acidic to near-neutral**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.8**
Temperature indicator value: **4.3**
Moisture indicator value: **8.3**
Nutrient indicator value: **2**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **1.48**
Disturbance frequency (herb layer): **1.89**

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Disturbance severity: **0.45**
Disturbance severity (herb layer): **0.43**
Mowing frequency: **0.94**
Grazing pressure: **0.18**
Soil disturbance: **0.14**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**, **Q42 Extremely rich moss-sedge fen**, **Q46 Carpathian travertine fen with halophytes**
Constant species of EUNIS habitats: **Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen**

Broad habitat

Occurrence in broad habitats: **Aquatic, Spring, Mire, Grassland (non-alpine, non-saline), Forest**

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