

# *Dactylorhiza maculata* aggr.

## Habitus and growth type

Plant height [m]: **0.58**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **23.34**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0**

Dispersal mode: **Anemochory**

Dispersal distance class: **3**

## 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: **7.1**

Temperature indicator value: **4.8**

Nutrient indicator value: **2.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.41**

Disturbance frequency (herb layer): **1.51**

Disturbance severity: **0.52**

Disturbance severity (herb layer): **0.28**

Mowing frequency: **0.26**

Grazing pressure: **0.21**

Soil disturbance: **0.15**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

Constant species of EUNIS habitats: [R37 Temperate and boreal moist or wet oligotrophic grassland](#)

Broad habitat

Occurrence in broad habitats: **Spring, Mire, Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**