

Dactylorhiza purpurella

Habitus and growth type

Life span: **Perennial**

Life form: **Geophyte**

Fruit, seed and dispersal

Dispersal mode: **Anemochory**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**

Moisture indicator value: **8**

Reaction indicator value: **7**

Nutrient indicator value: **2**

Salinity indicator value: **1**

Disturbance indicator values

Disturbance frequency: **1.69**

Disturbance frequency (herb layer): **1.87**

Disturbance severity: **0.42**

Disturbance severity (herb layer): **0.4**

Mowing frequency: **0.54**

Grazing pressure: **0.29**

Soil disturbance: **0.25**