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**

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