

Platanthera bifolia

Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/mg]: **26.45**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **5.1**

Reaction indicator value: **6.6**

Nutrient indicator value: **3.2**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **1.37**

Disturbance severity: **0.64**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.1**

Grazing pressure: **0.21**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CI \(NAR\) *Nardetea strictae*](#), [CM \(MOL\) *Molinio-Arrhenatheretea*](#)

Broad habitat

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

Distribution

Continentality amplitude: **6**