

Polygonatum odoratum

Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Geophyte**

Leaf

Specific leaf area [mm²/mg]: **33.11**

Flower

Flowering period: **March-June**

Fruit, seed and dispersal

Seed mass [mg]: **309.22**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.5**

Moisture indicator value: **3.7**

Reaction indicator value: **7.3**

Nutrient indicator value: **3**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.15**

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

Disturbance severity: **0.63**

Disturbance severity (herb layer): **0.18**

Mowing frequency: **0.06**

Grazing pressure: **0.22**

Soil disturbance: **0.12**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) *Brachypodio pinnati-Betuletea pendulae*](#), [CC \(QUE\) *Quercetea robori-petraeae*](#), [CL \(GER\) *Trifolio-Geranietea sanguinei*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R51 Thermophilous forest fringe of base-rich soils](#)

Constant species of EUNIS habitats: [N1A Atlantic and Baltic coastal dune scrub](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S24 Subalpine genistoid scrub of the Amphi-Adriatic region](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T36 Temperate and submediterranean montane *Pinus sylvestris*-*Pinus nigra* forest](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **6**

Continentality amplitude: **5**