Polygala chamaebuxus

Habitus and growth type

Plant height [m]: **0.17**
Life span: **Perennial**
Life form: **Chamaephyte**

Leaf

Leaf type (woody plants only): **Sclerophyllous**
Leaf phenology (woody plants only): **Evergreen**
Specific leaf area [mm^2/mg]: **10.1**

Flower

Flowering period: **February-June**

Fruit, seed and dispersal

Seed mass [mg]: **9.45**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

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**
Temperature indicator value: **3.6**
Moisture indicator value: **3.4**
Reaction indicator value: **7.8**
Nutrient indicator value: **2.3**
Salinity indicator value: **0**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz

Disturbance indicator values

Disturbance frequency: **0.2**
Disturbance frequency (herb layer): **1.09**
Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.08**
Grazing pressure: **0.22**
Soil disturbance: **0.1**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CO (ERI) *Erico-Pinetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**
Constant species of EUNIS habitats: **S24 Subalpine genistoid scrub of the Amphi-Adriatic region**, **S26 Subalpine Pinus mugo scrub**, **T36 Temperate and submediterranean montane Pinus sylvestris-Pinus nigra forest**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **2**

© 2014–2026 Pladias – Citation: Pladias – Database of the Czech Flora and Vegetation. www.pladias.cz