

# ***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<sup>2</sup>/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**

## 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: [T36 Temperate and submediterranean montane \*Pinus sylvestris\*-\*Pinus nigra\* forest](#)

Constant species of EUNIS habitats: [S24 Subalpine genistoid scrub of the 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**