Cytisus purpureus

Habitus and growth type

Plant height [m]: **0.2**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**
Leaf phenology (woody plants only): **Winter deciduous**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **6.69**
Dispersal mode: **Myrmecochory**
Dispersal distance class: **3**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **symbiosis with rhizobia**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**
Temperature indicator value: **7.5**
Moisture indicator value: **5**
Reaction indicator value: **7**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

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

Disturbance frequency: **0.23**
Disturbance frequency (herb layer): **1.27**
Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.08**
Grazing pressure: **0.23**
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**

Broad habitat

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

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