Genista linifolia

Habitus and growth type

Plant height [m]: **0.83**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**

Leaf

Specific leaf area [mm^2/mg]: **6.6**

Flower

Flowering period: **March-April**

Fruit, seed and dispersal

Seed mass [mg]: **6.6**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Dry**
Substrate reaction relationship: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.5**
Temperature indicator value: **8.5**
Moisture indicator value: **3**
Reaction indicator value: **4**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.21**

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

Disturbance frequency (herb layer): **1.25**
Disturbance severity: **0.6**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.01**
Grazing pressure: **0.25**
Soil disturbance: **0.08**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CF (ROB) *Robinietea***, **CH (ULI) *Calluno-Ulicetea***, **FE (CYT) *Cytisetea scopario-striati***, **GB (OLE) *Oleo cerasiformis-Rhamnetea crenulatae***, **GC (LAU) *Pruno lusitanicae-Lauretea azoricae***

Broad habitat

Occurrence in broad habitats: **Heathland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**

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