

Genista tinctoria

Habitus and growth type

Plant height [m]: **0.65**

Life span: **Perennial**

Life form: **Chamaephyte, Dwarf shrub**

Leaf

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

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm²/mg]: **17.68**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **3.55**

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: **Mesic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7**

Moisture indicator value: **5.3**

Nutrient indicator value: **2.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.35**

Disturbance frequency (herb layer): **1.54**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.31**

Mowing frequency: **0.27**

Grazing pressure: **0.25**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [BD \(PYR\) *Pyrolo-Pinetea sylvestris*](#), [CB \(PUB\) *Quercetea pubescentis*](#), [CH \(ULI\) *Calluno-Ulicetea*](#), [CI \(NAR\) *Nardetea strictae*](#), [CL \(GER\) *Trifolio-Geranietea sanguinei*](#), [CM \(MOL\) *Molinio-Arrhenatheretea*](#)

EUNIS habitat

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R1S Heavy-metal grassland in Western and Central Europe](#)

Broad habitat

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

Distribution

Continentality: **5**

Continentality amplitude: **4**