# *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 [$mm^2$/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**

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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

Diagnostic species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**
Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**

### 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**

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