

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