

Trifolium rubens

Habitus and growth type

Plant height [m]: **0.42**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **16.64**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **2.14**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**

Temperature indicator value: **6**

Moisture indicator value: **3.5**

Reaction indicator value: **8**

Nutrient indicator value: **2.8**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.37**

Disturbance frequency (herb layer): **1.53**
Disturbance severity: **0.58**
Disturbance severity (herb layer): **0.32**
Mowing frequency: **0.33**
Grazing pressure: **0.25**
Soil disturbance: **0.11**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CL \(GER\) Trifolio-Geranietea sanguinei](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R51 Thermophilous forest fringe of base-rich soils](#)

Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest**

Distribution

Continentality: **5**
Continentality amplitude: **3**