Agrimonia eupatoria

Habitus and growth type

Plant height [m]: **0.64**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **16.62**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **15.08**
Dispersal mode: **Epizoochory**
Dispersal distance class: **6**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**
Carnivory: **non-carnivorous**
Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

Taxon origin

Origin in Europe: **Native**

Ecology

Environmental relationships

Substrate humidity relationship: **Dry**
Substrate reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Moisture indicator value: **4.1**
Reaction indicator value: **7.3**
Nutrient indicator value: **3.9**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.83**
Disturbance frequency (herb layer): **1.69**

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Disturbance severity: **0.54**
Disturbance severity (herb layer): **0.44**
Mowing frequency: **0.6**
Grazing pressure: **0.24**
Soil disturbance: **0.19**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CL (GER) *Trifolio-Geranietea sanguinei***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R51 Thermophilous forest fringe of base-rich soils**, **S36 Low steppic scrub**
Constant species of EUNIS habitats: **R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **R51 Thermophilous forest fringe of base-rich soils**, **S35 Temperate and submediterranean thorn scrub**, **S36 Low steppic scrub**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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