

Agrimonia eupatoria

Habitus and growth type

Plant height [m]: **0.64**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/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**

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**