

Ranunculus acris aggr.

Habitus and growth type

Plant height [m]: **0.5**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **21.24**

Fruit, seed and dispersal

Seed mass [mg]: **1.6**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Reaction indicator value: **5.7**

Nutrient indicator value: **4.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **1.47**

Disturbance frequency (herb layer): **2.03**

Disturbance severity: **0.51**

Disturbance severity (herb layer): **0.49**

Mowing frequency: **1.06**

Grazing pressure: **0.26**

Soil disturbance: **0.3**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: [R1S Heavy-metal grassland in Western and Central Europe](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [U25 Boreal and Arctic base-rich scree and block field](#)

Constant species of EUNIS habitats: [N1H Atlantic and Baltic moist and wet dune slack](#), [Q41 Alkaline, calcareous, carbonate-rich small-sedge spring fen](#), [Q46 Carpathian travertine fen with halophytes](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R21 Mesic permanent pasture of lowlands and mountains](#), [R22 Low and medium altitude hay meadow](#), [R23 Mountain hay meadow](#), [R34 Submediterranean moist meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**