

Geum rivale

Habitus and growth type

Plant height [m]: **0.36**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **20.34**

Flower

Flowering period: **May-July**

Fruit, seed and dispersal

Seed mass [mg]: **1.13**

Dispersal mode: **Anemochory**

Dispersal distance class: **5**

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: **Wet**

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

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.3**

Temperature indicator value: **3.8**

Moisture indicator value: **7.5**

Reaction indicator value: **5.4**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.53**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.57**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0.31**

Grazing pressure: **0.18**

Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#),
[CS \(MUL\) *Mulgedio-Aconitetea*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [T12 *Alnus glutinosa*-*Alnus incana* forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R56 Montane to subalpine moist or wet tall-herb and fern fringe](#), [S25 Subalpine and subarctic deciduous scrub](#), [T12 *Alnus glutinosa*-*Alnus incana* forest on riparian and mineral soils](#)

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest**

Distribution

Continentality amplitude: **5**