

# *Geum urbanum*

## Habitus and growth type

Plant height [m]: **0.52**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **37.71**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **1.86**

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: **Mesic**

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

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Temperature indicator value: **5.4**

Moisture indicator value: **5.7**

Reaction indicator value: **6.8**

Nutrient indicator value: **7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.15**

Disturbance frequency (herb layer): **1.36**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.25**

Mowing frequency: **0.07**

Grazing pressure: **0.19**

Soil disturbance: **0.13**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [HA \(POP\) \*Alno glutinosae-Populetea albae\*](#), [QG \(EPI\) \*Epilobietea angustifolii\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [S37 \*Corylus avellana\* scrub](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T1E \*Carpinus\* and \*Quercus mesic\* deciduous forest](#), [T1G \*Alnus cordata\* forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#)

Constant species of EUNIS habitats: [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [R57 Herbaceous forest clearing vegetation](#), [S35 Temperate and submediterranean thorn scrub](#), [S37 \*Corylus avellana\* scrub](#), [S38 Temperate forest clearing scrub](#), [T11 Temperate \*Salix\* and \*Populus\* riparian forest](#), [T12 \*Alnus glutinosa\*-\*Alnus incana\* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T19 Temperate and submediterranean thermophilous deciduous forest](#), [T1E \*Carpinus\* and \*Quercus mesic\* deciduous forest](#), [T1F Ravine forest](#), [T1G \*Alnus cordata\* forest](#), [T1H Broadleaved deciduous plantation of non site-native trees](#), [V39 Mesic perennial anthropogenic herbaceous vegetation](#)

### Broad habitat

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

## Distribution

Continentality amplitude: **6**