

# *Filipendula vulgaris*

## Habitus and growth type

Plant height [m]: **0.46**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.01**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **0.82**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.4**

Temperature indicator value: **5.8**

Moisture indicator value: **3.9**

Reaction indicator value: **7.6**

Nutrient indicator value: **2.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.95**

Disturbance frequency (herb layer): **1.82**  
Disturbance severity: **0.52**  
Disturbance severity (herb layer): **0.45**  
Mowing frequency: **0.74**  
Grazing pressure: **0.26**  
Soil disturbance: **0.18**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [BC \(BRA\) \*Brachypodio pinnati-Betuletea pendulae\*](#), [DA \(FES\) \*Festuco-Brometea\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [R15 Continental dry rocky steppic grassland and dwarf scrub on chalk outcrops](#), [R17 Heavy-metal dry grassland of the Balkans](#), [R1A Semi-dry perennial calcareous grassland \(meadow steppe\)](#), [R1B Continental dry grassland \(true steppe\)](#), [R34 Submediterranean moist meadow](#), [R51 Thermophilous forest fringe of base-rich soils](#), [S36 Low steppic scrub](#)

### Broad habitat

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

## Distribution

Continentality: **6**  
Continentality amplitude: **5**