Filipendula vulgaris

Habitus and growth type

Plant height [m]: **0.46**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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

Diagnostic species of EUNIS habitats: **R17 Heavy-metal dry grassland of the Balkans**, **R1A Semi-dry perennial calcareous grassland (meadow steppe)**, **S36 Low steppic scrub**
Constant species of EUNIS habitats: **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**

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