

Filipendula ulmaria

Habitus and growth type

Plant height [m]: **0.92**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]: **28.99**

Flower

Flowering period: **April-July**

Fruit, seed and dispersal

Seed mass [mg]: **0.68**

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**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.9**

Temperature indicator value: **4.9**

Moisture indicator value: **7.9**

Reaction indicator value: **5.8**

Nutrient indicator value: **5**

Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.66**

Disturbance frequency (herb layer): **1.54**
 Disturbance severity: **0.55**
 Disturbance severity (herb layer): **0.43**
 Mowing frequency: **0.44**
 Grazing pressure: **0.18**
 Soil disturbance: **0.15**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [CM \(MOL\) *Molinio-Arrhenatheretea*](#),
[IA \(ALN\) *Alnetea glutinosae*](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [T12 *Alnus glutinosa*-*Alnus incana* forest on riparian and mineral soils](#)

Constant species of EUNIS habitats: [Q42 Extremely rich moss-sedge fen](#), [Q53 Tall-sedge bed](#), [R22 Low and medium altitude hay meadow](#), [R35 Moist or wet mesotrophic to eutrophic hay meadow](#), [R37 Temperate and boreal moist or wet oligotrophic grassland](#), [R55 Lowland moist or wet tall-herb and fern fringe](#), [S37 *Corylus avellana* scrub](#), [S92 *Salix* fen scrub](#), [T11 Temperate *Salix* and *Populus* riparian forest](#), [T12 *Alnus glutinosa*-*Alnus incana* forest on riparian and mineral soils](#), [T13 Temperate hardwood riparian forest](#), [T15 Broadleaved swamp forest on non-acid peat](#)

Broad habitat

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

Distribution

Continentality amplitude: **6**