Filipendula ulmaria

Habitus and growth type

Plant height [m]: **0.92**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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, R37 Temperate and boreal moist or wet oligotrophic grassland, R55 Lowland moist or wet tall-herb and fern fringe, T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils, T13 Temperate hardwood riparian forest**

Constant species of EUNIS habitats: **Q42 Extremely rich moss-sedge fen, Q53 Tall-sedge bed, 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, 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**

Dominant species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**

Broad habitat

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

Distribution

Continentality amplitude: **6**

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