Urtica dioica

Habitus and growth type

Plant height [m]: **1.16**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **29.12**

Flower

Flowering period: **April-November**

Fruit, seed and dispersal

Seed mass [mg]: **0.16**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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: **Alkaline**
Nutrient relationship: **Hypertrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **6.2**
Temperature indicator value: **5.5**
Reaction indicator value: **6.9**
Nutrient indicator value: **8.5**
Salinity indicator value: **0.1**

Disturbance indicator values

Disturbance frequency: **0.44**
Disturbance frequency (herb layer): **1.39**

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Disturbance severity: **0.61**
Disturbance severity (herb layer): **0.39**
Mowing frequency: **0.25**
Grazing pressure: **0.19**
Soil disturbance: **0.18**

Habitat and sociology

EUNIS habitat

Diagnostic species of EUNIS habitats: **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **R55 Lowland moist or wet tall-herb and fern fringe**, **R57 Herbaceous forest clearing vegetation**, **S32 Temperate Rubus 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**, **T1F Ravine forest**, **T1H Broadleaved deciduous plantation of non site-native trees**, **V39 Mesic perennial anthropogenic herbaceous vegetation**

Constant species of EUNIS habitats: **N1A Atlantic and Baltic coastal dune scrub**, **N1D Atlantic and Baltic broad-leaved coastal dune forest**, **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **R54 Pteridium aquilinum vegetation**, **R55 Lowland moist or wet tall-herb and fern fringe**, **R56 Montane to subalpine moist or wet tall-herb and fern fringe**, **R57 Herbaceous forest clearing vegetation**, **S25 Subalpine and subarctic deciduous scrub**, **S32 Temperate Rubus scrub**, **S35 Temperate and submediterranean thorn scrub**, **S37 Corylus avellana scrub**, **S38 Temperate forest clearing scrub**, **S91 Temperate riparian 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**, **T17 Fagus forest on non-acid soils**, **T1E Carpinus and Quercus mesic deciduous forest**, **T1F Ravine forest**, **T1G Alnus cordata forest**, **T1H Broadleaved deciduous plantation of non site-native trees**, **V37 Annual anthropogenic herbaceous vegetation**, **V38 Dry perennial anthropogenic herbaceous vegetation**, **V39 Mesic perennial anthropogenic herbaceous vegetation**

Dominant species of EUNIS habitats: **R55 Lowland moist or wet tall-herb and fern fringe**, **R57 Herbaceous forest clearing vegetation**, **S38 Temperate forest clearing scrub**, **S91 Temperate riparian scrub**, **T11 Temperate Salix and Populus riparian forest**, **T12 Alnus glutinosa-Alnus incana forest on riparian and mineral soils**, **T13 Temperate hardwood riparian forest**, **T1H Broadleaved deciduous plantation of non site-native trees**, **V39 Mesic perennial anthropogenic herbaceous vegetation**

Broad habitat

Occurrence in broad habitats: **Spring, Wetland, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: **8**

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