Lythrum salicaria

Habitus and growth type

Plant height [m]: **0.84**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **27.06**

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.07**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Eutrophic**
Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7.3**
Temperature indicator value: **5.3**
Moisture indicator value: **8.6**
Reaction indicator value: **6.4**
Nutrient indicator value: **5.3**
Salinity indicator value: **0.6**

Disturbance indicator values

Disturbance frequency: **0.96**

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Disturbance frequency (herb layer): **1.59**
Disturbance severity: **0.44**
Disturbance severity (herb layer): **0.37**
Mowing frequency: **0.44**
Grazing pressure: **0.17**
Soil disturbance: **0.14**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **IA (ALN) *Alnetea glutinosae***, **OD (PHR) *Phragmito-Magnocaricetea***

EUNIS habitat

Diagnostic species of EUNIS habitats: **Q46 Carpathian travertine fen with halophytes**, **Q51 Tall-helophyte bed**, **Q53 Tall-sedge bed**, **T15 Broadleaved swamp forest on non-acid peat**

Constant species of EUNIS habitats: **N1H Atlantic and Baltic moist and wet dune slack**, **N1J Mediterranean and Black Sea moist and wet dune slack**, **Q46 Carpathian travertine fen with halophytes**, **Q51 Tall-helophyte bed**, **Q52 Small-helophyte bed**, **Q53 Tall-sedge bed**, **Q54 Inland saline or brackish helophyte bed**, **Q61 Periodically exposed shore with stable, eutrophic sediments with pioneer or ephemeral vegetation**, **R31 Mediterranean tall humid inland grassland**, **R35 Moist or wet mesotrophic to eutrophic hay meadow**, **R36 Moist or wet mesotrophic to eutrophic pasture**, **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**, **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, Sparsely vegetated (incl. rock and scree)**

Distribution

Continentality amplitude: **8**

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