

Scrophularia nodosa

Habitus and growth type

Plant height [m]: **0.69**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm²/mg]:

Flower

Flowering period: **May-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.11**

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: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **4.8**

Temperature indicator value: **5.1**

Moisture indicator value: **6.3**

Reaction indicator value: **6.6**

Nutrient indicator value: **6.9**

Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**

Disturbance frequency (herb layer): **1.35**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.24**

Mowing frequency: **0.07**

Grazing pressure: **0.19**

Soil disturbance: **0.13**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [**CA \(FAG\) *Carpino-Fagetea sylvaticae***](#),
[**HA \(POP\) *Alno glutinosae-Populetea albae***](#)

EUNIS habitat

Constant species of EUNIS habitats: [**T13 Temperate hardwood riparian forest**](#), [**T1E *Carpinus* and *Quercus* mesic deciduous forest**](#)

Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality amplitude: 7