

# *Scrophularia nodosa*

## Habitus and growth type

Plant height [m]: **0.69**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/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