

# *Verbascum thapsus*

## Habitus and growth type

Plant height [m]: **0.86**

Life span: **Biennial or short-lived**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **16.92**

## Flower

Flowering period: **April-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.12**

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: **Dry**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Temperature indicator value: **5.5**

Moisture indicator value: **3.6**

Reaction indicator value: **6.8**

Nutrient indicator value: **6.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.87**

Disturbance frequency (herb layer): **1.62**  
Disturbance severity: **0.64**  
Disturbance severity (herb layer): **0.55**  
Mowing frequency: **0.44**  
Grazing pressure: **0.2**  
Soil disturbance: **0.26**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [KE \(THL\) \*Thlaspietea rotundifolii\*](#), [QF \(ART\) \*Artemisietea vulgaris\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

## Distribution

Continentality amplitude: 7