

# *Phlomis lychnitis*

## Habitus and growth type

Plant height [m]: **0.48**

Life span: **Perennial**

Life form: **Chamaephyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **8.52**

## Fruit, seed and dispersal

Seed mass [mg]: **8.44**

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: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **9**

Temperature indicator value: **8**

Moisture indicator value: **3**

Reaction indicator value: **8**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.42**

Disturbance frequency (herb layer): **1.61**

Disturbance severity: **0.68**

Disturbance severity (herb layer): **0.32**

Mowing frequency: **0.12**

Grazing pressure: **0.38**

Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S61 \*Western basiphilous garrigue\*](#)

Constant species of EUNIS habitats: [S61 \*Western basiphilous garrigue\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline)**