

# *Lilium martagon*

## Habitus and growth type

Plant height [m]: **0.78**

Life span: **Perennial**

Life form: **Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **26.09**

## Flower

Flowering period: **May-July**

## Fruit, seed and dispersal

Seed mass [mg]: **7.12**

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: **Mesic**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Moisture indicator value: **5.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **5.3**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.07**

Disturbance frequency (herb layer): **1.27**

Disturbance severity: **0.67**

Disturbance severity (herb layer): **0.14**

Mowing frequency: **0.02**

Grazing pressure: **0.19**

Soil disturbance: **0.1**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [CA \(FAG\) \*Carpino-Fagetea sylvaticae\*](#)

### EUNIS habitat

Constant species of EUNIS habitats: [T17 \*Fagus forest on non-acid soils\*](#), [T1F \*Ravine forest\*](#), [T39 \*Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest\*](#), [T3C \*Taxus baccata forest\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Scrub, Forest**

## **Distribution**

Continentality: **6**

Continentality amplitude: **5**