

# *Oenothera oakesiana*

## Habitus and growth type

Plant height [m]: **0.82**

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

Life form: **Hemicryptophyte**

## Flower

Flowering period: **June-October**

## Fruit, seed and dispersal

Seed mass [mg]: **0.8**

Dispersal mode: **Local non-specific dispersal, Anthropochory**

Dispersal distance class: **2, 7**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **Neophyte**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Mesic**

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

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **7**

Moisture indicator value: **5**

Reaction indicator value: **5**

Nutrient indicator value: **4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.48**

Disturbance frequency (herb layer): **1.49**

Disturbance severity: **0.39**

Disturbance severity (herb layer): **0.38**

Mowing frequency: **0.09**

Grazing pressure: **0.17**

Soil disturbance: **0.51**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [QF \(ART\) Artemisietea vulgaris](#)

### Broad habitat

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