

# *Sixalix atropurpurea*

## Habitus and growth type

Plant height [m]: **0.6**

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

Life form: **Hemicryptophyte, Therophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **11.98**

## Flower

Flowering period: **March-November**

## Fruit, seed and dispersal

Seed mass [mg]: **0.84**

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: **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: **7.5**

Temperature indicator value: **8.6**

Moisture indicator value: **3.5**

Reaction indicator value: **7**

Nutrient indicator value: **5**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1**

Disturbance frequency (herb layer): **1.64**  
Disturbance severity: **0.67**  
Disturbance severity (herb layer): **0.59**  
Mowing frequency: **0.37**  
Grazing pressure: **0.26**  
Soil disturbance: **0.31**

## **Habitat and sociology**

### Syntaxon

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

### Broad habitat

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