

# ***Lomelosia palaestina***

## **Habitus and growth type**

Plant height [m]: **0.26**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## **Flower**

Flowering period: **April-July**

## **Fruit, seed and dispersal**

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: **7.5**

Temperature indicator value: **10.5**

Moisture indicator value: **2.5**

Reaction indicator value: **8**

Nutrient indicator value: **5**

Salinity indicator value: **0**

### **Disturbance indicator values**

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.95**

Disturbance severity: **0.78**

Disturbance severity (herb layer): **0.51**

Mowing frequency: **0.21**

Grazing pressure: **0.35**

Soil disturbance: **0.32**

## **Habitat and sociology**

Broad habitat

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