

# *Lamarckia aurea*

## Habitus and growth type

Plant height [m]: **0.25**

Life span: **Annual**

Life form: **Therophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **33.47**

## Flower

Flowering period: **January-May**

## Fruit, seed and dispersal

Seed mass [mg]: **0.54**

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

Dispersal distance class: **1**

## 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: **Eutrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.7**

Temperature indicator value: **9.3**

Moisture indicator value: **3.3**

Reaction indicator value: **7.3**

Nutrient indicator value: **6**

Salinity indicator value: **0.3**

### Disturbance indicator values

Disturbance frequency: **1.32**

Disturbance frequency (herb layer): **2.13**

Disturbance severity: **0.75**

Disturbance severity (herb layer): **0.72**

Mowing frequency: **0.63**

Grazing pressure: **0.27**

Soil disturbance: **0.41**

## **Habitat and sociology**

### Broad habitat

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