

# *Romulea columnae*

## Habitus and growth type

Plant height [m]: **0.14**

Life span: **Perennial**

Life form: **Geophyte**

## Flower

Flowering period: **January-April**

## Fruit, seed and dispersal

Seed mass [mg]: **2.57**

Dispersal mode: **Myrmecochory**

Dispersal distance class: **3**

## 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: **Slightly acidic to near-neutral**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **8.8**

Moisture indicator value: **4.7**

Reaction indicator value: **5.4**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.56**

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

Disturbance severity: **0.54**

Disturbance severity (herb layer): **0.52**

Mowing frequency: **0.3**

Grazing pressure: **0.33**

Soil disturbance: **0.29**

### **Habitat and sociology**

Broad habitat

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