

# *Bituminaria bituminosa*

## Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **13.93**

## Flower

Flowering period: **April-June**

## Fruit, seed and dispersal

Seed mass [mg]: **40.4**

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

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with rhizobia**

## Taxon origin

Origin in Europe: **Native**

## Ecology

### Environmental relationships

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **7.9**

Moisture indicator value: **3.7**

Reaction indicator value: **7.5**

Salinity indicator value: **0.2**

### Disturbance indicator values

Disturbance frequency: **0.4**

Disturbance frequency (herb layer): **1.46**

Disturbance severity: **0.7**

Disturbance severity (herb layer): **0.37**

Mowing frequency: **0.17**

Grazing pressure: **0.31**

Soil disturbance: **0.17**

## Habitat and sociology

### Syntaxon

Diagnostic species of phytosociological classes: [FF \(LYG\) \*Lygeo sparti-Stipetea tenacissimae\*](#), [KH \(DRY\) \*Drypidetea spinosae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S53 \*Spartium junceum scrub\*](#), [S54 \*Thermomediterranean arid scrub\*](#), [S64 \*Macaronesian garrigue\*](#), [S82 \*Madeiran xerophytic scrub\*](#), [T26 \*Phoenix canariensis vegetation\*](#)

Constant species of EUNIS habitats: [R1E \*Mediterranean tall perennial dry grassland\*](#), [S53 \*Spartium junceum scrub\*](#), [S54 \*Thermomediterranean arid scrub\*](#), [S62 \*Western acidophilous garrigue\*](#), [S64 \*Macaronesian garrigue\*](#), [S81 \*Canarian xerophytic scrub\*](#), [S82 \*Madeiran xerophytic scrub\*](#), [T1A \*Mediterranean thermophilous deciduous forest\*](#), [T26 \*Phoenix canariensis vegetation\*](#)

### Broad habitat

Occurrence in broad habitats: **Grassland (non-alpine, non-saline), Scrub, Forest, Sparsely vegetated (incl. rock and scree)**