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^2/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**

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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)**

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