

Bituminaria bituminosa

Habitus and growth type

Plant height [m]: **0.34**

Life span: **Perennial**

Life form: **Hemicryptophyte**

Spinescence: **not spinescent**

Leaf

Specific leaf area [mm²/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)**