Jasione montana

Habitus and growth type

Plant height [m]: **0.25**
Life span: **Annual, Biennial or short-lived**
Life form: **Hemicryptophyte, Therophyte**

Leaf

Specific leaf area [mm^2/mg]: **36.33**

Flower

Flowering period: **February-September**

Fruit, seed and dispersal

Seed mass [mg]: **0.03**
Dispersal mode: **Local non-specific dispersal**
Dispersal distance class: **2**

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: **Acidic**
Nutrient relationship: **Oligotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.6**
Moisture indicator value: **3.2**
Reaction indicator value: **3.2**
Nutrient indicator value: **1.8**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.83**
Disturbance frequency (herb layer): **1.75**

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Disturbance severity: **0.45**
Disturbance severity (herb layer): **0.35**
Mowing frequency: **0.32**
Grazing pressure: **0.31**
Soil disturbance: **0.31**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **CJ (COR) *Koelerio-Corynephoretea canescentis*, FI (TUB) *Helianthemetea guttati*, FJ (TRA) *Stipo-Trachynietea distachyae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune), R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, R1Q Inland sanddrift and dune with siliceous grassland, R24 Iberian summer pasture (vallicar), S74 Central Mediterranean mountain hedgehog-heath**

Constant species of EUNIS habitats: **N15 Atlantic and Baltic coastal dune grassland (grey dune), N18 Atlantic and Baltic coastal Empetrum heath, R12 Cryptogam- and annual-dominated vegetation on siliceous rock outcrops, R1P Oceanic to subcontinental inland sand grassland on dry acid and neutral soils, R1Q Inland sanddrift and dune with siliceous grassland, R1R Mediterranean to Atlantic open, dry, acid and neutral grassland, R24 Iberian summer pasture (vallicar), S74 Central Mediterranean mountain hedgehog-heath, U23 Temperate, lowland to montane siliceous scree**

Broad habitat

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

Distribution

Continentality: **4**
Continentality amplitude: **4**

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