Erica arborea

Habitus and growth type

Plant height [m]: **3.58**
Life span: **Perennial**
Life form: **Phanerophyte, Shrub**
Spinescence: **not spinescent**

Leaf

Specific leaf area [mm^2/mg]: **8.77**

Flower

Flowering period: **February-May**

Fruit, seed and dispersal

Seed mass [mg]: **0.05**
Dispersal mode: **Anemochory**
Dispersal distance class: **5**

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: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.5**
Temperature indicator value: **8.8**
Moisture indicator value: **4.3**
Reaction indicator value: **3.5**
Nutrient indicator value: **2.3**
Salinity indicator value: **0**

Disturbance indicator values

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Disturbance frequency: **0.17**
Disturbance frequency (herb layer): **1.3**
Disturbance severity: **0.66**
Disturbance severity (herb layer): **0.2**
Mowing frequency: **0.01**
Grazing pressure: **0.25**
Soil disturbance: **0.09**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: **FA (QUI) *Quercetea ilicis***, **GC (LAU) *Pruno lusitanicae-Lauretea azoricae***

EUNIS habitat

Diagnostic species of EUNIS habitats: **R53 Macaronesian thermophilous forest fringe**, **S51 Mediterranean maquis and arborescent matorral**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T23 Macaronesian laurophyllous forest**, **T28 Macaronesian heathy forest**, **T3B Pinus canariensis forest**

Constant species of EUNIS habitats: **R53 Macaronesian thermophilous forest fringe**, **S33 Lowland to montane temperate and submediterranean genistoid scrub**, **S43 Macaronesian heath**, **S51 Mediterranean maquis and arborescent matorral**, **S62 Western acidophilous garrigue**, **S64 Macaronesian garrigue**, **S71 Western Mediterranean spiny heath**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T22 Mainland laurophyllous forest**, **T23 Macaronesian laurophyllous forest**, **T28 Macaronesian heathy forest**, **T29 Broadleaved evergreen plantation of non site-native trees**, **T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest**, **T3A Mediterranean lowland to submontane Pinus forest**, **T3B Pinus canariensis forest**, **U3C Macaronesian inland cliff**

Dominant species of EUNIS habitats: **S51 Mediterranean maquis and arborescent matorral**, **S52 Submediterranean pseudomaquis**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T23 Macaronesian laurophyllous forest**, **T28 Macaronesian heathy forest**, **T3A Mediterranean lowland to submontane Pinus forest**, **T3B Pinus canariensis forest**

Broad habitat

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

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