

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 [mm²/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

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)**