

# ***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<sup>2</sup>/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)**