

# *Thymelaea hirsuta*

## Habitus and growth type

Plant height [m]: **0.57**

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

Spinescence: **not spinescent**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **5.01**

## Flower

Flowering period: **January-April, August-December**

## Fruit, seed and dispersal

Seed mass [mg]: **3.07**

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: **Alkaline**

Nutrient relationship: **Mesotrophic**

### Ellenberg-type indicator values

Light indicator value: **8.3**

Temperature indicator value: **9.3**

Moisture indicator value: **4**

Reaction indicator value: **7**

Nutrient indicator value: **5**

Salinity indicator value: **3.7**

### Disturbance indicator values

Disturbance frequency: **0.71**

Disturbance frequency (herb layer): **1.07**

Disturbance severity: **0.55**

Disturbance severity (herb layer): **0.35**

Mowing frequency: **0.1**

Grazing pressure: **0.27**

Soil disturbance: **0.18**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [\*\*FB \(ROS\) \*Ononido-Rosmarinetea\*\*\*](#)

### Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Scrub, Sparsely vegetated (incl. rock and scree)**