Smilax aspera

Habitus and growth type

Plant height [m]: **2.5**
Life span: **Perennial**
Life form: **Phanerophyte, Woody liana**
Spinescence: **spinescent**

Leaf

Specific leaf area [mm^2/mg]: **10.47**

Flower

Flowering period: **August-November**

Fruit, seed and dispersal

Seed mass [mg]: **38.82**
Dispersal mode: **Endozoochory**
Dispersal distance class: **6**

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: **Slightly acidic to near-neutral**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Temperature indicator value: **9.4**
Moisture indicator value: **3.8**
Reaction indicator value: **6**
Nutrient indicator value: **3**
Salinity indicator value: **0**

Disturbance indicator values

Disturbance frequency: **0.13**

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Disturbance frequency (herb layer): **1.34**
Disturbance severity: **0.69**
Disturbance severity (herb layer): **0.19**
Mowing frequency: **0.01**
Grazing pressure: **0.26**
Soil disturbance: **0.11**

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: **N1B Mediterranean and Black Sea coastal dune scrub**, **N1G Mediterranean coniferous coastal dune forest**, **S51 Mediterranean maquis and arborescent matorral**, **S54 Thermomediterranean arid scrub**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T22 Mainland laurophyllous forest**, **T24 Olea europaea-Ceratonia siliqua forest**, **T25 Phoenix theophrasti vegetation**, **T3A Mediterranean lowland to submontane Pinus forest**

Constant species of EUNIS habitats: **N1B Mediterranean and Black Sea coastal dune scrub**, **N1G Mediterranean coniferous coastal dune forest**, **S51 Mediterranean maquis and arborescent matorral**, **S54 Thermomediterranean arid scrub**, **S63 Eastern garrigue**, **S71 Western Mediterranean spiny heath**, **S82 Madeiran xerophytic scrub**, **T14 Mediterranean and Macaronesian riparian forest**, **T1A Mediterranean thermophilous deciduous forest**, **T21 Mediterranean evergreen Quercus forest**, **T22 Mainland laurophyllous forest**, **T24 Olea europaea-Ceratonia siliqua forest**, **T25 Phoenix theophrasti vegetation**, **T29 Broadleaved evergreen plantation of non site-native trees**, **T3A Mediterranean lowland to submontane Pinus forest**

Dominant species of EUNIS habitats: **N1B Mediterranean and Black Sea coastal dune scrub**, **N1G Mediterranean coniferous coastal dune forest**

Broad habitat

Occurrence in broad habitats: **Scrub, Forest**

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