

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 [mm²/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**

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](#), [T21 Mediterranean evergreen *Quercus* forest](#), [T24 *Olea europaea*-*Ceratonia siliqua* 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](#), [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](#), [T28 Macaronesian heathy forest](#), [T29 Broadleaved evergreen plantation of non site-native trees](#), [T3A Mediterranean lowland to submontane *Pinus* forest](#)

Broad habitat

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