

Elaeagnus angustifolia

Habitus and growth type

Plant height [m]: **6.91**

Life span: **Perennial**

Life form: **Phanerophyte, Tree**

Leaf

Leaf type (woody plants only): **Broad deciduous or semi-deciduous**

Leaf phenology (woody plants only): **Winter deciduous**

Specific leaf area [mm²/mg]: **12.4**

Flower

Flowering period: **April-June**

Fruit, seed and dispersal

Seed mass [mg]: **137.06**

Dispersal mode: **Endozoochory, Anthropochory**

Dispersal distance class: **6, 7**

Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **symbiosis with frankia**

Taxon origin

Origin in Europe: **neophyte**

Ecology

Environmental relationships

Substrate humidity relationship: **Mesic**

Substrate reaction relationship: **Slightly acidic to near-neutral**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **8.1**

Temperature indicator value: **6.6**

Moisture indicator value: **4.6**

Reaction indicator value: **5.7**

Nutrient indicator value: **4.7**

Salinity indicator value: **0.3**

Disturbance indicator values

Disturbance frequency: **0.84**

Disturbance frequency (herb layer): **1.75**

Disturbance severity: **0.62**

Disturbance severity (herb layer): **0.5**

Mowing frequency: **0.29**

Grazing pressure: **0.23**

Soil disturbance: **0.36**

Habitat and sociology

Syntaxon

Diagnostic species of phytosociological classes: [EB \(TAM\) Tamaricetea arceuthoidis](#)

EUNIS habitat

Diagnostic species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

Constant species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

Dominant species of EUNIS habitats: [N1E Black Sea broad-leaved coastal dune forest](#)

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Scrub, Forest**

Distribution

Continentality: **9**

Continentality amplitude: **3**