

# *Nerium oleander*

## Habitus and growth type

Plant height [m]:

Life span: **Perennial**

Life form: **Phanerophyte, Shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **10.75**

## Flower

Flowering period: **April-July**

## Fruit, seed and dispersal

Seed mass [mg]: **3.9**

Dispersal mode: **Anemochory**

Dispersal distance class: **4**

## 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: **Wet**

Substrate reaction relationship: **Alkaline**

Nutrient relationship: **Mesotrophic**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **8**

Temperature indicator value: **9.8**

Moisture indicator value: **7**

Reaction indicator value: **6.5**

Nutrient indicator value: **5**

Salinity indicator value: **0.7**

Disturbance indicator values

Disturbance frequency: **0.51**

Disturbance frequency (herb layer): **1.64**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.39**

Mowing frequency: **0.04**

Grazing pressure: **0.24**

Soil disturbance: **0.14**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [FD \(NER\) \*Nerio-Tamaricetea\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [S93 Mediterranean riparian scrub](#), [T14 Mediterranean and Macaronesian riparian forest](#), [T25 Phoenix theophrasti vegetation](#)

Constant species of EUNIS habitats: [S93 Mediterranean riparian scrub](#), [T14 Mediterranean and Macaronesian riparian forest](#), [T25 Phoenix theophrasti vegetation](#)

Dominant species of EUNIS habitats: [S93 Mediterranean riparian scrub](#)

### Broad habitat

Occurrence in broad habitats: **Wetland, Scrub, Forest, Sparsely vegetated (incl. rock and scree)**