

# *Ephedra distachya*

## Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Chamaephyte**

## Flower

Flowering period: **February-June**

## Fruit, seed and dispersal

Seed mass [mg]: **10.27**

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: **Alkaline**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **8.8**

Moisture indicator value: **2.4**

Reaction indicator value: **9**

Nutrient indicator value: **1.5**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **1.5**

Disturbance frequency (herb layer): **1.96**

Disturbance severity: **0.45**

Disturbance severity (herb layer): **0.42**

Mowing frequency: **0.26**

Grazing pressure: **0.35**

Soil disturbance: **0.3**

## **Habitat and sociology**

EUNIS habitat

Diagnostic species of EUNIS habitats: [N17 Black Sea coastal dune grassland \(grey dune\)](#), [R1C Desert steppe](#)

Constant species of EUNIS habitats: [N17 Black Sea coastal dune grassland \(grey dune\)](#), [R1C Desert steppe](#)

Dominant species of EUNIS habitats: [N17 Black Sea coastal dune grassland \(grey dune\)](#)

Broad habitat

Occurrence in broad habitats: **Coastal beach, dune or shingle, Coastal cliff, Grassland (non-alpine, non-saline), Sparsely vegetated (incl. rock and scree)**