

# *Echium*

## Habitus and growth type

Plant height [m]: **0.41**

Life span: **Annual, Biennial or short-lived, Perennial**

Life form: **Phanerophyte, Hemicryptophyte, Therophyte, Shrub**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **14.3**

## Flower

Flowering period: **February-September**

## Fruit, seed and dispersal

Seed mass [mg]: **6.04**

## Trophic mode

Carnivory: **non-carnivorous**

## Taxon origin

Origin in Europe: **native**

## Ecology

Environmental relationships

Substrate humidity relationship: **Dry**

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

Nutrient relationship: **Mesotrophic, Eutrophic**

Salinity relationship: **Non-saline, Slightly saline or brackish**

## Habitat and sociology

Broad habitat

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