

Onopordum messeniacum

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**

Salinity relationship: **Slightly saline or brackish**

Ellenberg-type indicator values

Light indicator value: **7**

Temperature indicator value: **11**

Moisture indicator value: **4**

Reaction indicator value: **7**

Nutrient indicator value: **7**

Salinity indicator value: **1**