Centranthus ruber

Habitus and growth type

Plant height [m]: **0.56**
Life span: **Perennial**
Life form: **Chamaephyte, Hemicryptophyte**

Leaf

Specific leaf area [mm^2/mg]: **18.45**

Flower

Flowering period: **April-August**

Fruit, seed and dispersal

Seed mass [mg]: **1.89**
Dispersal mode: **Local non-specific dispersal, Anthropochory**
Dispersal distance class: **2, 7**

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 reaction relationship: **Alkaline**
Nutrient relationship: **Mesotrophic**
Salinity relationship: **Non-saline**

Ellenberg-type indicator values

Light indicator value: **7.1**
Moisture indicator value: **3.6**
Reaction indicator value: **8**
Nutrient indicator value: **5**
Salinity indicator value: **0.2**

Disturbance indicator values

Disturbance frequency: **0.25**
Disturbance frequency (herb layer): **1.33**
Disturbance severity: **0.68**

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Disturbance severity (herb layer): **0.28**
Mowing frequency: **0.08**
Grazing pressure: **0.24**
Soil disturbance: **0.16**

Habitat and sociology

Broad habitat

Occurrence in broad habitats: **Coastal cliff, Scrub, Sparsely vegetated (incl. rock and scree), Synanthropic**

Distribution

Continentality: **5**
Continentality amplitude: **3**

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