

# *Avenella flexuosa*

## Habitus and growth type

Plant height [m]: **0.3**

Life span: **Perennial**

Life form: **Hemicryptophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **18.34**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **0.31**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## 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: **Mesic**

Substrate reaction relationship: **Acidic**

Nutrient relationship: **Oligotrophic**

Salinity relationship: **Non-saline**

### Ellenberg-type indicator values

Light indicator value: **6.2**

Moisture indicator value: **5.3**

Reaction indicator value: **2.1**

Nutrient indicator value: **2.7**

Salinity indicator value: **0**

### Disturbance indicator values

Disturbance frequency: **0.2**

Disturbance frequency (herb layer): **1.26**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.19**

Mowing frequency: **0.04**

Grazing pressure: **0.22**

Soil disturbance: **0.14**

## Habitat and sociology

### EUNIS habitat

Diagnostic species of EUNIS habitats: [N1F Baltic coniferous coastal dune forest](#), [R1G Iberian oromediterranean siliceous dry grassland](#), [S42 Dry heath](#), [T18 Fagus forest on acid soils](#), [T1B Acidophilous Quercus forest](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T3F Dark taiga](#), [T3G Pinus sylvestris light taiga](#)

Constant species of EUNIS habitats: [N18 Atlantic and Baltic coastal Empetrum heath](#), [N1D Atlantic and Baltic broad-leaved coastal dune forest](#), [N1F Baltic coniferous coastal dune forest](#), [R1G Iberian oromediterranean siliceous dry grassland](#), [R1J Cyrno-Sardean oromediterranean siliceous dry grassland](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta](#), [R1N Open Iberian supramediterranean dry acid and neutral grassland](#), [R1Q Inland sanddrift and dune with siliceous grassland](#), [R1S Heavy-metal grassland in Western and Central Europe](#), [R23 Mountain hay meadow](#), [R42 Boreal and Arctic acidophilous alpine grassland](#), [R43 Temperate acidophilous alpine grassland](#), [R52 Forest fringe of acidic nutrient-poor soils](#), [R54 Pteridium aquilinum vegetation](#), [R57 Herbaceous forest clearing vegetation](#), [S11 Shrub tundra](#), [S21 Subarctic and alpine dwarf Salix scrub](#), [S22 Alpine and subalpine ericoid heath](#), [S23 Alpine and subalpine Juniperus scrub](#), [S25 Subalpine and subarctic deciduous scrub](#), [S26 Subalpine Pinus mugo scrub](#), [S31 Lowland to montane temperate and submediterranean Juniperus scrub](#), [S33 Lowland to montane temperate and submediterranean genistoid scrub](#), [S38 Temperate forest clearing scrub](#), [S42 Dry heath](#), [S43 Macaronesian heath](#), [S74 Central Mediterranean mountain hedgehog-heath](#), [T16 Broadleaved mire forest on acid peat](#), [T18 Fagus forest on acid soils](#), [T1B Acidophilous Quercus forest](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#), [T27 Ilex aquifolium forest](#), [T31 Temperate mountain Picea forest](#), [T32 Temperate mountain Abies forest](#), [T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [T35 Temperate continental Pinus sylvestris forest](#), [T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T39 Mediterranean and Balkan subalpine Pinus heldreichii-Pinus peuce forest](#), [T3F Dark taiga](#), [T3G Pinus sylvestris light taiga](#), [T3H Larix light taiga](#), [T3J Pinus and Larix mire forest](#), [T3K Picea mire forest](#), [T3M Coniferous plantation of non site-native trees](#), [U21 Boreal and Arctic siliceous scree and block field](#), [U23 Temperate, lowland to montane siliceous scree](#), [U24 Mediterranean siliceous scree](#), [U25 Boreal and Arctic base-rich scree and block field](#), [U35 Boreal and Arctic base-rich inland cliff](#), [U61 Subarctic volcanic field](#)

Dominant species of EUNIS habitats: [N1F Baltic coniferous coastal dune forest](#), [R1M Lowland to montane, dry to mesic grassland usually dominated by Nardus stricta](#), [S26 Subalpine Pinus mugo scrub](#), [T18 Fagus forest on acid soils](#), [T1B Acidophilous Quercus forest](#), [T1C Temperate and boreal mountain Betula and Populus tremula forest on mineral soils](#), [T1D Southern European mountain Betula and Populus tremula forest on mineral soils](#), [T27 Ilex aquifolium forest](#),

[T34 Temperate subalpine Larix, Pinus cembra and Pinus uncinata forest](#), [T35 Temperate continental Pinus sylvestris forest](#), [T37 Mediterranean montane Pinus sylvestris-Pinus nigra forest](#), [T3M Coniferous plantation of non site-native trees](#)

Broad habitat

Occurrence in broad habitats: **Mire, Grassland (non-alpine, non-saline), Alpine-subalpine and arctic grassland, Heathland, Oromediterranean scrub, Scrub, Forest, Sparsely vegetated (incl. rock and scree), Synanthropic**

## **Distribution**

Continentality amplitude: 5