Avenella flexuosa

Habitus and growth type

Plant height [m]: **0.3**
Life span: **Perennial**
Life form: **Hemicryptophyte**

Leaf

Specific leaf area [mm^2/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**

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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**,

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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**

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