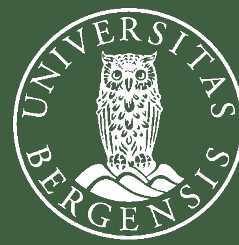


Bryophyte richness on Siggjo

In this project I have collected and identified bryophytes along a height gradient.



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The project has two main goals: 1) Describe the variation in species richness along a height gradient in an oceanic area (Siggjo, Bømlo), and (2) learn to determine the species of mosses and gain knowledge about the species richness within mosses.

The bryophytes are collected from the mountain Siggjo on Bømlo, which is 474 meters above sea level and they are taken from different altitudes, evenly distributed from the top to the bottom of the mountain. All mosses must be species determined, as best they can. By comparing the plots, I will get an indication of how the species richness of bogs varies with height at Siggjo.

Norwegian name	Latin name	Height
Lundveikmose	Cirriphyllum piliferum	7
Bergsigd	Dicranum fuscescens	7, 9
Etasjemose	Hylocomium splendens	5, 6, 8
Furumose	Pleurozium schreberi	1, 3
Fjellbinnemose	Polytrichastrum alpinum	2
Bjørnemose	Polytrichum	5
Storbjørnemose	Polytrichum commune	6
Fjærmose	Ptilium crista-castrensis	6, 7
Knippegråmose	Racomitrium fasciculare	4
Heigråmose	Racomitrium lanuginosum	4
Kystkransmose	Rhytidiadelphus loreus	2, 3, 6, 8
Sagtvebladmose	Scapania umbrosa	7
torvmose	Sphagnum	5
Fjelltorvmose	Sphagnum aongstroemii	2, 5
Broddtorvmose	Sphagnum fallax	6
Total number of species		15



1 - 466 m o h
2 - 416 m o h
3 - 366 m o h
4 - 316 m o h
5 - 266 m o h
6 - 216 m o h
7 - 166 m o h
8 - 116 m o h
9 - 66 m o h

