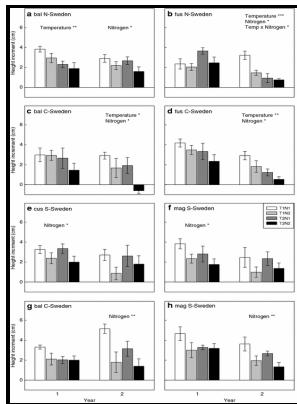


Handbook of European Sphagna

Natural Environment Research Council, Institute of Terrestrial Ecology - (RECORD



Description: -

Peat mosses -- Europe.Handbook of European Sphagna

-Handbook of European Sphagna

Notes: Bibliography: p. 248-262.

This edition was published in 1985



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Tags: #Bryophyte #resources

Daniels, R.E. & Eddy, A., 1985, Handbook of European Sphagna

Sexual condition dioicous or monoicous; stalked globose antheridia borne at the tips of branches usually with swollen colored tips of branches near capitulum; long-necked archegonia borne on short branches singly surrounded by perichaetal leaves that are typically longer than branch leaves. In more general terms it also encourages the wider public to appreciate both the diversity and the beauty of the mosses and liverworts around them. This strongly supports the idea of the possible microbial synthesis of flavonoid and aromatic polyketides polyphenols such as stilbenes and chalcones in mosses.

Bryophyte resources

Similarly, in the fungus *Aspergillus flavus*, NRPS-like proteins that are involved in the synthesis of metabolites contain a reductase domain instead of a condensation domain. All of these small plants, which exploit gaps in taller vegetation, have big swings in population size from year to year as their dynamic habitat changes. The Sphagnum assembly employed in this study has a rather low average contig length of 183 bp, which limits the recovery of complete genes and leads to the low observed overlap of sequences.

Seasonal dynamics of N in two Sphagnum moss species and the underlying peat treated with 15NH415NO3

Some of the reported natural products in mosses are highly unsaturated fatty acids, alkanones, triterpenoids, and flavonoids. The overwhelming impression in these magical places is of a thick carpet of green festooning rocks and trees. The large size and net-like surface pattern of the Great scented liverwort *Conocephalum conicum* make it one of our more familiar thalloid species, in contrast to the small rosettes of Crystalwort *Riccia* species , frequent but mostly overlooked on bare soil.

Mining for Nonribosomal Peptide Synthetase and Polyketide Synthase Genes Revealed a High Level of Diversity in the Sphagnum Bog Metagenome

Peat is still extracted by milling off the surface layer and is sold in garden centres across the country. The products of these peptide synthase gene clusters are, however, still unknown.

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