

# Antarctic microbiology

Wiley-Liss - BELDIVA: Microbiology in Antarctica



Description: -

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Ocean City (Md.)

Hurricane protection -- Maryland -- Ocean City

Shore protection -- Maryland -- Ocean City

Microbial ecology -- Antarctica.Antarctic microbiology

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Wiley series in ecological and applied microbiologyAntarctic microbiology

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## Lakes isolated beneath Antarctic ice could be more amenable to life than thought

Therefore, the relative homogeneity in Nunatak among their prokaryotic communities would be related to the uniform characteristics of the soils, both in surface and depth. Many studies report detection of novel bacterial species and genera Brambilla et al. However, climate change models predict a significant increase in temperatures in the coming decades, triggering a relevant reduction of the ice-covered surface.

## Unexpected Life Lurking in Subglacial Lakes Isolated Deep Beneath Antarctic Ice

The cyanobacterial community of polygon soils at an inland nunatuk. The variation in microbial community structures explained by each PCoA axis is given in parentheses.

## Antarctic Terrestrial Microbiology

Australian Sector Australian sector of Southern Ocean Metaproteomics and metagenomics 454 shotgun pyrosequencing Samples mainly coastal and metaproteomics performed on Flavobacteria-enriched sample Williams et al.

## BELDIVA: Microbiology in Antarctica

Using years' worth of data collected from ice-covered habitats all over the world, a Montana State University team has discovered new insights into the processes that support microbial life underneath ice sheets and glaciers, and the role those organisms play in perpetuating life through ice ages and, perhaps, in seemingly inhospitable environments on other planets.

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