

# Metadata Details

## Title

Prevalence of monoterpene utilizing bacteria at Ny-Alesund with potential for limonene biotransformation

---

## Science Keywords

Category	Oceans
Topic	Marine Biology
Expedition Year	2019-2020
ISO Topic	Oceanography

## Summary

---

### Abstract

Screening of Limonene degrading bacteria from local terrestrial plants especially *Cassiope tetragona* at Ny-Alesund. Identification of the potential limonene utilizing isolates by biochemical and molecular methods. TLC and GC analysis of the metabolites produced due to limonene utilization. Extraction of metagenomic DNA from the water, soil and rhizosphere of *Cassiope tetragona*

### Purpose

Screening of Limonene degrading bacteria from local terrestrial plants especially *Cassiope tetragona* at Ny-Alesund. Identification of the potential limonene utilizing isolates by biochemical and molecular methods. TLC and GC analysis of the metabolites produced due to limonene utilization. Extraction of metagenomic DNA from the water, soil and rhizosphere of *Cassiope tetragona*

---

## Data Center