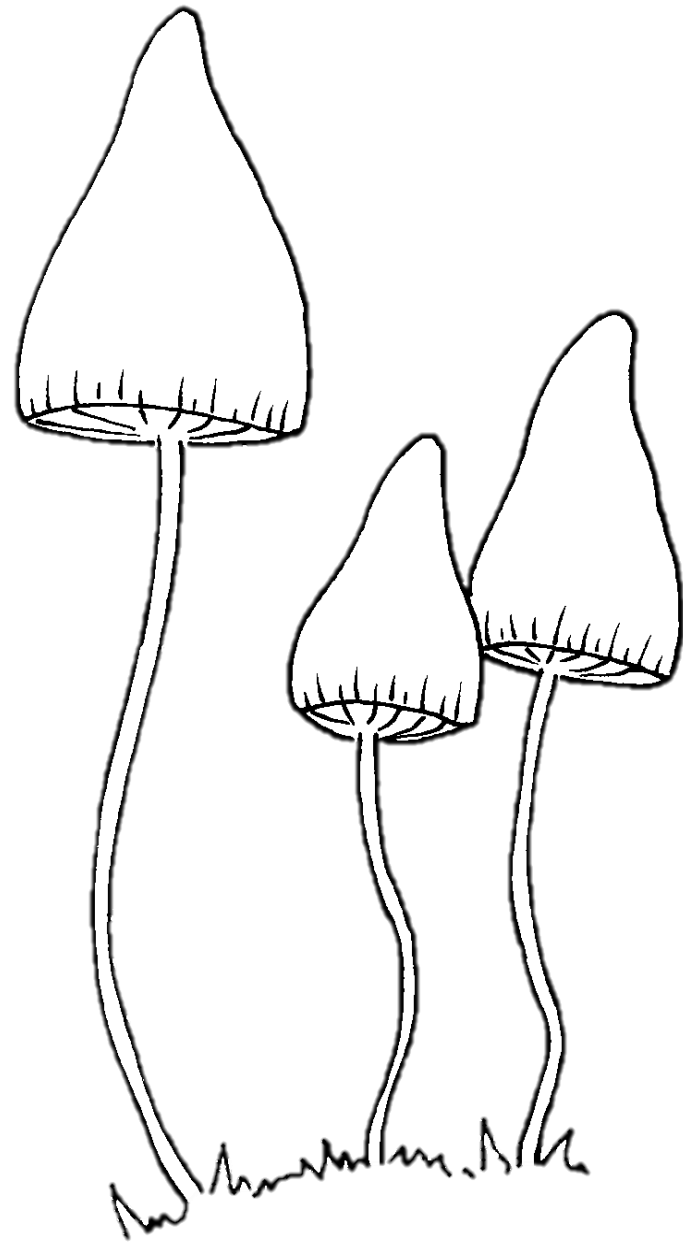




*Luis N. Morgado (1982) has a keen interest in the diversity, ecology and evolution of Fungi.*

*In 2011 he started his PhD research on the arctic fungal community responses to climate changes that resulted in the present thesis.*

*His future goal is to keep on researching the overwhelming diversity and the main drivers of the fungal communities in the boreal forest biome.*



L.N. Morgado

Peeking into the future: Fungi in the greening Arctic

2016

# PEEKING INTO THE FUTURE: FUNGI IN THE GREENING ARCTIC

Luis N. Morgado

Climate change is expected to be among the major threats to biodiversity influencing ecosystems structure and functioning over the coming decades. Although it is a global phenomenon, there is considerable spatial variation and high-latitude regions are among the most affected areas.

In this thesis, the long-term effects of summer increased temperatures and increased winter snow depth in arctic soil fungal community composition were addressed.