

Arctic Biodiversity Assessment Synthesis



» **Nowadays all of the tundra is on the move now.
Many forest animals are coming to tundra now.
Moose is moving towards the tundra proper nowadays.**

Alexey Nikolayevich Kemlil, a Chukchi reindeer herder from Turvaurgin in northeastern Sakha-Yakutia, Siberia;
T. Mustonen in litt.

» **I too, have noticed changes to the climate in our area.
It has progressed with frightening speed especially
the last few years. In Iqaluktutiaq, the landscape has
changed. The land is now a stranger, it seems, based on
our accumulated knowledge. The seasons have shifted,
the ice is thinner and weaker, and the streams, creeks
and rivers have changed their characteristics.**

Analok, Cambridge Bay, Victoria Island, Nunavut;
Elders Conference on Climate Change 2001.

Cover photo: Muskoxen are hardy animals that had a circumpolar distribution in the Pleistocene, but Holocene climate changes along with heavy hunting may have contributed to its disappearance in the Palearctic and from Alaska and Yukon. In modern times, humans have reintroduced muskoxen to Alaska and the Taymyr Peninsula together with a number of places where the species did not occur in the Holocene.
Photo. Lars Holst Hansen/ARC-PIC.com

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Arctic Biodiversity Assessment

Status and trends in Arctic biodiversity

Synthesis

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Arctic Biodiversity Assessment

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Contents

Summary	8
1. Introduction	12
2. Characteristics of Arctic biodiversity	20
2.1. Terrestrial ecosystems	25
2.2. Freshwater ecosystems	27
2.3. Marine ecosystems	29
2.4. Arctic species and foodwebs	31
3. Human use of wildlife through time	36
4. Status and trends in Arctic biodiversity	44
5. Stressors and their alleviation	70
5.1. Stressors originating from within the Arctic	72
5.2. Stressors originating from outside the Arctic	89
6. Knowledge gaps	108
7. Suggested conservation and research priorities	114
References	119



Jacob's ladder flowering in the Arctic summer.
Photo: Erik Thomsen.