

Mosses of the Arctic Progress Report CAFF Flora Group

René J. Belland
Devonian Botanic Garden
University of Alberta
Edmonton, Canada

Goal

“*to produce a master list of the mosses of the Arctic”

*This project is reduced in size from original because of difficulties in accessing detailed data for all CAFF ecoregions

Progress Report 2007

- Species lists were gathered for 5 major Arctic Regions: Arctic Alaska, Russia, Greenland, Iceland, Canadian Arctic Islands
- A species list for the 5 regions was collated into a master list and stored in a database

Progress Report 2007

- Master list contains 651 species
- List had 175 names that are “unresolved”
 1. Some are new names that have been recently split from existing names
 2. Others are varieties, others are synonyms

Milestones for 2009 Report

- Assign or accept unresolved names to standardize taxonomy between regions
- Add species from Northern Labrador to the master list and database

Progress Report 2009

- A new list of mosses of Labrador is nearing completion
- New list results from project work towards a new checklist of mosses for Canada
- Many taxonomic names have been resolved
- Currently updating the database to reflect the synonymy
- Result is 621 names, not including Labrador

Next Steps for Arctic Moss List

- Fine tune Canadian Arctic lists to include a “mainland Arctic” region using new moss lists created for Northwest Territories and Nunavut
- This resulted from project work towards a new checklist of mosses for Canada
- Final database and report for Spring 2009

Lichens of the Arctic

Progress Report

CAFF Flora Group

Hörður Kristinsson
Náttúrufræðistofnun Íslands / Icelandic
Institute of Natural History
IS-602 Akureyri, Iceland

Lichen Report Progress 2009

- Draft manuscript on the Panarctic Lichen Checklist sent to co-authors, Mikhail Zhurbenko and Eric Steen Hansen
- Also sent draft to Teuvo Ahti and received many useful comments
- In addition to the main list, a list of presumably endemic and rare species was prepared
- Made a new base map to show the Arctic Regions included in the list
- Manuscript will be ready for publication before summer
- Arctic Portal list will be updated at about time of publication