

# Trends in Arctic falcon populations

## – a preliminary overview by the Arctic Falcon Specialist Group



Overview of Arctic falcon monitoring sites that may contribute to the *Circumpolar Biodiversity Monitoring Programme* (CBMP)

- Peregrine
- Gyrfalcon
- CAFF boundary



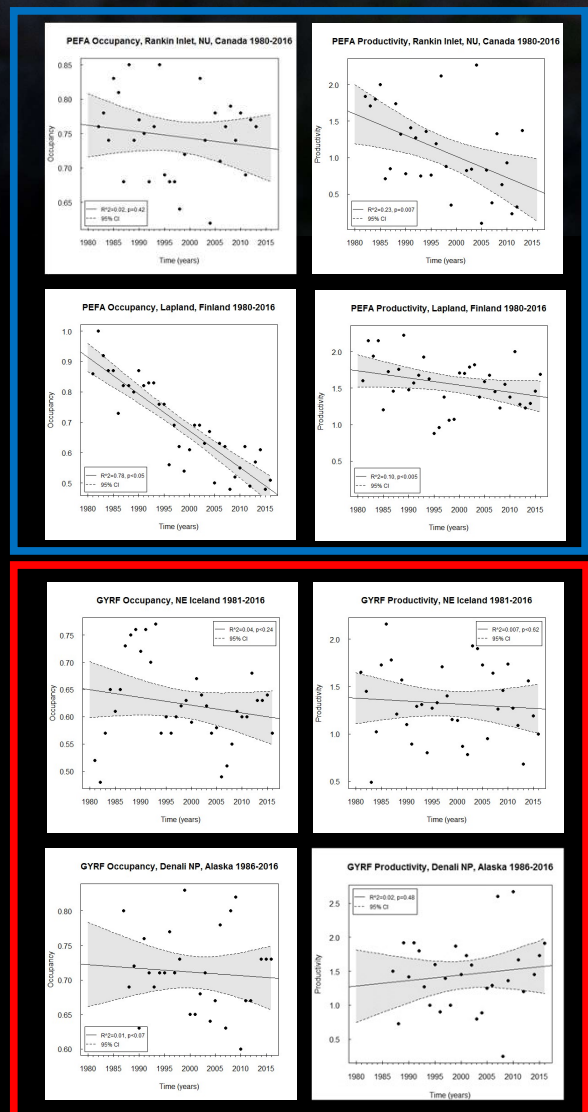
Peregrines and Gyrfalcons are among the “Focal Ecosystem Components” in Arctic Council’s *Circumpolar Biodiversity Monitoring Programme* (CBMP) as avian top predators of the Arctic terrestrial environment.

Although both species have been the subjects of long-term monitoring for decades, no comparative synthesis of the long-term trends have been carried out.

Leading up to the Arctic Council’s ‘State of the Arctic Terrestrial Biodiversity Report’ (due 2018) an ‘Arctic Falcons Specialist Group’ have initiated data sharing and joint analyses from the diverse study areas and monitoring projects across the Arctic. **Some of the preliminary information is shown here**, while a full compilation and statistical analysis of occupancy and productivity data from several more study sites will be included in a joint publication in due time.

### The Arctic Falcon Specialist Group aims to

- Act as the conduit for project-specific monitoring data to be shared with the CBMP
- Facilitate harmonisation of basic sampling protocols for future coordinated Arctic monitoring
- Identify knowledge gaps in available data
- Promote coordinated research and monitoring among study sites
- Development of joint funding proposals
- Contribute to development of database tools to archive data



Data sources: Franke, A., Ollila, T., Nielsen, O., McIntyre, C.

**Contributors from ‘Arctic Falcons Specialist Group’ and CBMP:** KNUD FALK, Greenland ([knudfalk@hotmail.com](mailto:knudfalk@hotmail.com)); SØREN MØLLER, Greenland; ALASTAIR FRANKE, Canada; OLAFUR K. NIELSEN, Iceland; CAROL MCINTYRE, USA; DAVID MOSSOP, Canada; TUOMO OLLILA, Finland; PETER BENTE, Alaska; KURT BURNHAM, Greenland; TOM CHRISTENSEN, CBMP, Denmark; PERTTI KOSKIMIES, Finland; SERGEY GANUSEVICH, Russia; SERGEY KHARITONOV, Russia; KENNETH JOHANSEN, Norway; DAVID ANDERSON, Alaska; ARVE ØSTLYNGEN, Norway; KIM POOLE, Canada; MARK PROSTOR, Canada; ALEKSANDR SOKOLOV, Russia; VASILY SOKOLOV, Russia; TED SWEM, Alaska.

**Acknowledgements:** Coordination of the data compilation is partly funded by the Danish Cooperation for Environment of the Arctic (DANCEA) of the Danish Environmental Protection Agency.