



LUND UNIVERSITY

Radioactivity Exploration

From the Arctic to the Antarctic

Persson, Bertil R; Holm, Elis

2017

[Link to publication](#)

Citation for published version (APA):

Persson, B. R., & Holm, E. (2017). *Radioactivity Exploration: From the Arctic to the Antarctic*. LAP LAMBERT Academic Publishing GmbH & Co. KG.

Total number of authors:

2

General rights

Unless other specific re-use rights are stated the following general rights apply:

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Read more about Creative commons licenses: <https://creativecommons.org/licenses/>

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

LUND UNIVERSITY

PO Box 117
221 00 Lund
+46 46-222 00 00



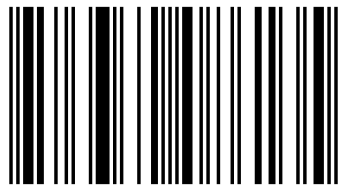
Our first Arctic expedition was "Ymer-80" conducted during 1980 from June 23 to October 6. The aim was to commemorate the discovery of the Northeast Passage by Adolf Erik Nordenskiöld in 1878-1880. Bengt Forkman professor at Lund University, engaged the professor in radioecology Bertil Persson, to arrange an environmental radioactivity research program for the Ymer-80 expedition. He in turn engaged his student Elis Holm who was investigating plutonium isotopes in the environment. For the logistics we found Kjell-Åke Carlsson, mechanical engineer at the department of radiation physics at Lund University. After a successful Ymer-80 expedition we continued the exploration of radioactivity from the Arctic to the Antarctic with the following expeditions arranged by the Swedish Polar Research Program: The expedition "SWEDARP" 1988 -1989, started from Gothenburg with destination Antarctica. In 1991 the Arctic Ocean with the Swedish icebreaker M/S Oden. During 1994 the joint Swedish-Russian "Tundra Ecology-94" with the Russian ice-breaking research vessel R/V Akademik Fedorov as platform went along the Siberian coastline. Finally, in 1996 the Arctic Ocean with the M/S Oden.

Bertil RR Persson
Elis Holm

Radioactivity Exploration

From the Arctic to the Antarctic

Bertil Persson, born Oct. 12, 1938 in Malmö, Sweden Doctor of Philosophy at University of Lund, Sweden (1970), Full Professor in Medical Radiation Physics at University of Lund (1980-2005), Radioecological studies of the fall-out from nuclear weapons and exploring polonium-210, technetium-99 and trans-uranium elements in the Arctic environmen



978-3-330-08613-5