

**Linn Sophia Lehnert**

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Place of birth: Kiel

Date of birth: 13.02.1984

Nationality: German

Address:

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Germany

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**WORK EXPERIENCE**

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- 03/2013-  
to date      Research assistant, Leibniz Institute for Zoo and Wildlife Research (IZW)
- Determination of the geographical origin of migratory bats using stable isotope methods
- 08/2011-  
09/2012      Research fellow, Stiftung Tierärztliche Hochschule Hannover, Institute for Terrestrial and Aquatic Wildlife Research (ITAW)
- data collection and analysis regarding distribution, habitat use and abundance of marine mammals (aerial & shipboard survey data)

**EDUCATION**

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- 2011              Diploma in biology, Bremen University, Germany
- 2010-2011      Diploma thesis: „Distribution of Baleen Whales in the Atlantic Sector of the Southern Ocean“ Research and Technology Centre Westcoast (CAU Kiel), Bremen University
- 2007-2010      Studies in biology (Hauptstudium), Bremen University, Germany  
Main focus: zoology, marine biology, ecology
- 2003-2007      Studies in biology (Grundstudium), Friedrich-Wilhelm-Universität Bonn, Germany
- 2003              Allgemeine Hochschulreife (Abitur), Hebbelschule Kiel, Germany

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**STUDENT RESEARCH ASSISTANT**

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- 2004-2011 Research and Technology Centre Westcoast (CAU Kiel); within the workgroup "ecology of marine mammals"
- data collection and analysis regarding distribution, habitat use and abundance of marine mammals (aerial & shipboard survey data)
  - passive acoustic surveys for harbour porpoises
  - assistance at necropsies of harbour porpoises and seals

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**FIELDWORK & WORK EXPERIENCE ABROAD (extract)**

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- 2011/2012 ANT-XXVIII/2, Antarctic expedition with RV Polarstern within the BLE project FK2811HS002, ITAW (marine mammal surveys; helicopter/ship)
- 2010/2011 ANT-XXVII/2, Antarctic expedition with RV Polarstern within the UBA project FKZ 370891 101-2, FTZ Büsum (marine mammal surveys; helicopter/ship)
- Juli 2010 Faroe Islands; observer during aerial line-transect distance sampling surveys for marine mammals in Faroe Island waters, Museum of Natural History
- 10/11.2009 FFS „Walther Herwig III“, 327. Cruise: Bestandsuntersuchungen an grönländischen Grundfischbeständen und ozeanographisch/klimatologische Untersuchungen
- 03/04.2009 Acoustic survey for harbour porpoises within the effect-monitoring of the offshore wind farm „alpha-ventus“ (SCANS I/II setups), BMU FKZ 0327689A, FTZ Büsum
- 2008/2009 ANT-XXV/2, Antarctic expedition with RV Polarstern within the UBA project "Marine Mammal Perimeter Surveillance" (MAPS)
- Aug 2008 Acoustic survey for harbour porpoises within the effect-monitoring of the offshore wind farm „alpha-ventus“ (SCANS I/II setups), BMU FKZ 0327689A, FTZ Büsum
- 2007-to date The Netherlands, aerial line-transect distance sampling surveys for harbour porpoises in dutch waters, IMARES
- Juli 2007 Trans North Atlantic Sightings Survey (T-NASS), Faroe Islands
- 2006/07 ANT-XXIII/8, Antarctic expedition with RV Polarstern, Habitat Use of Marine Mammals in Antarctic Waters, Johann Heinrich von Thünen-Institut (vTI)

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**FURTHER SKILLS**

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- Language: English (fluent), German (mother tongue)
- Sea Survival Training 2010
- Software: ArcGIS, Distance, VOR, Logger, Pamguard, Microsoft Office Package

PEER - REVIEWED

Voigt CC, **Lehnert LS**, Popa-Lisseanu AG, Ciechanowski M, Gloza-Rausch F, Göttsche M, Harrie C, Hötzel M, Teige T, Wohlgemuth R, Kramer-Schadt S (*submitted*) Installing artificial hibernacula for bats is of trans-boundary importance for endangered migratory bats.

Williams R, Kelly N, Boebel O, Friedlaender AS, Feindt-Herr H, Kock K-H, **Lehnert LS**, Maksym T, Roberts J, Scheidat M, Siebert U, Brierley AS (*submitted*) Counting whales in a challenging, changing environment.

**Lehnert LS**, Williams R, Kock K-H, Siebert U, Scheidat M (*submitted*) Distribution and attack behaviour of Antarctic type A and B killer whales in the Weddell Sea and adjacent waters west of the Antarctic Peninsula.

Scheidat M, Friedlaender A, Kock K-H, **Lehnert L**, Boebel O, Roberts J, Williams R (2011) Cetacean surveys in the Southern Ocean using icebreaker-supported helicopters. *Polar Biology* 34: 1513-1522

Gutt J, Barratt I, Domack E, d'Udekemd'Acoz C, Dimmler W, Grémare A, Heinmayer O, Isla E, Janussen D, Jorgensen E, Kock K-H, **Lehnert LS**, López-González P, Langner S, Linse K, Manjón-Cabeza M, Meißner M, Montiel A, Raes M, Robert H, Rose A, Schepisi ES, Saucéde T, Scheidat M, Schenke HW, Seiler J, Smith C (2010) Biodiversity change after climate-induced ice-shelf collapse in the Antarctic. *Deep-Sea Research II* 1-2: 74-83

REPORTS, WORKING PAPER & PRESENTATIONS

**Lehnert LS**, Geelhoed S, Gray I, Lehnert K, Plön S, Schmidt K, Verdaat H, Gilles A, Herr H, Siebert U (2012) Distance Sampling Surveys for Cetaceans in Antarctic Waters. IN: Reports on Polar and Marine Research 646: 51-55

Feindt-Herr H, **Lehnert LS**, Siebert U (2012) Modellierungen zu Populationsgrößen und räumlicher Verteilung von Zwergwalen im antarktischen Packeis auf der Grundlage von See- und luftgestützten Tiersichtungen. Zwischenbericht an die Bundesanstalt für Landwirtschaft und Ernährung, FKZ 2811HS015, 14 pp.

**Lehnert LS**, Verdaat H, Risch D, Rocholl C, Gilles A, Herr H, Siebert U (2011) Marine Mammal Survey. IN: Reports on Polar and Marine Research 634: 95-102

Feindt-Herr H, **Lehnert LS**, Siebert U (2011) Erhebung und Auswertung von Daten zum Vorkommen, zu Verteilung und zu relativen Abundanzen von Meeressäugern in der Antarktis nach international anerkannten Standards. Zweiter Ausführlichen Zwischenbericht für das Umwelt Bundesamt, FKZ 3708 91 101-2, 32 pp.

Williams R, Friedlaender A, Kock K-H, **Lehnert LS**, Roberts J, Scheidat M (2010) Antarctic minke whale density in relation to sea ice: helicopter surveys in the Weddell Sea. Paper SC/62/IA13, International Whaling Commission, Cambridge, UK.

Herr H, **Lehnert LS**, Siebert U (2010) Ausführlicher Zwischenbericht zum FuE Vorhaben Erhebung und Auswertung von Daten zum Vorkommen, zu Verteilung und zu relativen Abundanzen von Meeressäugern in der Antarktis nach international anerkannten Standards, FKZ 370891101-2, 39 pp.

Kock K-H, Herr H, Scheidat M, Bräger S, Lehnert K, **Lehnert L**, Verdaat H, Williams R, Siebert U, Boebel O (2010) Sighting surveys from a ship and a helicopter in the Weddell Sea in 2006/07 and 2008/09. Paper SC/62/O15, International Whaling Commission, Cambridge, UK.

Kock K-H, Scheidat M, Boebel O, Bräger S, Herr H, Lehnert K, **Lehnert LS**, Verdaat H, Williams R (2009) The occurrence of cetaceans along two transects from 57° S to Atka Bay (70°29.6' S/07°57.6' W). Paper SC/61/IA/11, International Whaling Commission, Cambridge, UK.

Hansen Rye J, Charwat H, Rocholl C, Hesse M, Linnenschmidt M, Mundry R, Dr. Kaschner, K., Herr, H., Sundermeyer, J., Adler S, **Lehnert L**, Siebert U (2008) Einsatz und Vergleich visueller und akustischer Erfassungsmethoden zur Beurteilung von Schweinswalvorkommen. MINOS 2 - Weiterführende Arbeiten an Seevögeln und Meeressäugern zur Bewertung von Offshore - Windkraftanlagen (MINOS plus). Endbericht für das Bundesministerium für Umwelt, Naturschutz und Reaktorsicherheit FKZ 0329946 B. Teilprojekt 4, 159 pp.

Scheidat M, Flores H, Friedlaender A, **Lehnert L**, Kock K-H, Franeker, JA van & Williams R (2008) Apex predator abundance and distribution in the former ice shelf area Larsen A and B, Antarctica. Abstracts of the European Cetacean Society, 22st Annual Conference, March 10-12, The Netherlands.

**Lehnert LS**, Scheidat M., Williams R., Kock K-H (2007) Observations of killer whales from helicopter surveys in Antarctic peninsula waters. Abstracts of the Society of Marine Mammology, 17th Biennial conference, 29.11 -3.12.2007, Capetown, South Africa.

Scheidat M, **Lehnert L**, Macleod C, Kock K-H (2007) Studying beaked whales in Antarctic waters using helicopter-based digital photography. Abstracts of the Society of Marine Mammology, 17th Biennial conference, 29.11 -3.12.2007, Capetown, South Africa.

Scheidat M, Kock K-H, Friedlaender A, **Lehnert L**, Williams R (2007) Using Helicopters to Survey Antarctic Minke Whale Abundance in the Ice. Paper SC/59/IA20, International Whaling Commission, Cambridge, UK.

Scheidat M, Kock K-H, Friedlaender A, **Lehnert LS** & Williams R (2007) Preliminary results of aerial surveys around Elephant Island and the South Shetland Islands SC/59/IA21, International Whaling Commission, Cambridge, UK.

## THESIS

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**Lehnert LS (2011)** Distribution of Baleen Whales in the Atlantic Sector of the Southern Ocean. (diploma thesis) University Bremen, 82 pp.