

JOHANNA VON SETH

Curriculum Vitae

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Education

Oct 2016 - ongoing: **PhD studies, Stockholm**

Centre for Palaeogenetics, Department of Bioinformatics & Genetics, Swedish Museum of Natural History; Department of Zoology, Stockholm University

Aug 2014 – Jun 2016: **Master's Degree in Biology, Stockholm**

Department of Zoology, Stockholm University

Jan 2011 – Mar 2014: **Bachelor's Degree in Biology & Molecular Biology, Uppsala**

Biology Education Centre, Uppsala University

Publications

- [1] Tatiana R Feuerborn, Eleftheria Palkopoulou, Tom van der Valk, Johanna von Seth, Arielle R Munters, Patrícia Pečnerová, Marianne Dehasque, Irene Ureña, Erik Ersmark, Vendela Kempe Lagerholm, et al. Competitive mapping allows for the identification and exclusion of human dna contamination in ancient faunal genomic datasets. *BMC genomics*, 21(1):1–10, 2020.
- [2] David Díez-del Molino, Johanna von Seth, Niclas Gyllenstrand, Fredrik Widemo, Niklas Liljebäck, Mikael Svensson, Per Sjögren-Gulve, and Love Dalén. Population genomics reveals lack of greater white-fronted introgression into the swedish lesser white-fronted goose. *Scientific reports*, 10(1):1–10, 2020.
- [3] Petter Larsson, Johanna von Seth, Ingerid J Hagen, Anders Götherström, Semyon Androsov, Mietje Germonpré, Nora Bergfeldt, Sergey Fedorov, Nina E Eide, Natalia Sokolova, et al. Consequences of past climate change and recent human persecution on mitogenomic diversity in the arctic fox. *Philosophical Transactions of the Royal Society B*, 374(1788):20190212, 2019.
- [4] Nicolas Dussex, Johanna von Seth, Michael Knapp, Olga Kardailsky, Bruce C Robertson, and Love Dalén. Complete genomes of two extinct new zealand passerines show responses to climate fluctuations but no evidence for genomic erosion prior to extinction. *Biology letters*, 15(9):20190491, 2019.
- [5] Nicolas Dussex, Johanna Von Seth, Bruce C Robertson, and Love Dalén. Full mitogenomes in the critically endangered kākāpō reveal major post-glacial and anthropogenic effects on neutral genetic diversity. *Genes*, 9(4):220, 2018.

- [6] Johanna von Seth, Jonas Niemann, and Love Dalén. Genomics of extinction. In *Paleogenomics*, pages 393–418. Springer, 2018.
- [7] Patrícia Pečnerová, David Díez-del Molino, Nicolas Dussex, Tatiana Feuerborn, Johanna von Seth, Johannes van der Plicht, Pavel Nikolskiy, Alexei Tikhonov, Sergey Vartanyan, and Love Dalén. Genome-based sexing provides clues about behavior and social structure in the woolly mammoth. *Current Biology*, 27(22):3505–3510, 2017.
- [8] Steve Smith, Edson Sandoval-Castellanos, Vendela K Lagerholm, Hannes Napierala, Mikhail Sablin, Johanna Von Seth, Florian A Fladerer, Mietje Germonpré, Piotr Wojtal, Rebecca Miller, et al. Nonreceding hare lines: genetic continuity since the late pleistocene in european mountain hares (*lepus timidus*). *Biological Journal of the Linnean Society*, 120(4):891–908, 2017.
- [9] Eleftheria Palkopoulou, Mateusz Baca, Natalia I Abramson, Mikhail Sablin, Paweł Socha, Adam Nadachowski, Stefan Prost, Mietje Germonpré, Pavel Kosintsev, Nickolay G Smirnov, et al. Synchronous genetic turnovers across western eurasia in late pleistocene collared lemmings. *Global Change Biology*, 22(5):1710–1721, 2016.