

Invasive Sampling Procedures Mammal Section

ZFMK

Zoological Research Museum
Alexander Koenig
Leibniz Institute for
Animal Biodiversity
Foundation under public law

Dr. Jan Decher

Dr. Eva Bärmann

Curators, Mammal Section

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Requests

Requests for invasive sampling of the mammal collection should be made in writing to one of the curators (J. Decher for small mammals, E. Bärmann for large mammals).

Each such request must include the following information:

- the purpose of the research and its scientific merit
- why museum material from Zoological Research Museum Alexander Koenig (ZFMK) specimens is preferred over other sources. This should include evidence that the researcher has been in contact with other institutions to obtain specimens
- the sampling protocol to be employed (including the exact amount and identity of the material to be processed)
- why the chosen protocol is the least destructive method possible
- what laboratory protocols are taken when working with degraded/ancient DNA.
- evidence of the researcher's competence with the protocols

Criteria for Approval

Each request will be evaluated by the responsible curator. Approval will be based on the scientific value and feasibility of the project, rarity of specimens, and potential for replacement as well as the qualifications of the investigators.

As a general rule, it is unlikely that approval will be granted for invasive sampling of type or rare material just as specimens that represent extinct or endangered species, unless a particularly compelling case has been made to do so.

Terms

Tissue or DNA will be provided under the following conditions:

- Samples can only be used for the purposes stated in the request.
- Neither tissue nor DNA samples may be transferred to a third party without agreement with the curator of the ZFMK.
- No commercial use will be made of, nor license or patent applied for on the samples or any other information derived from them without written consent from the ZFMK.

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Contact

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Director

Prof. Dr. J. Wolfgang Wägele

Chair of Foundation Board

Dr. Michael H. Wappelhorst

Bank Account

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BIC: COLSDE33

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Member of



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Federal Ministry
of Education
and Research

- The researcher is required to make all sequences amplified from ZFMK material publicly available (via EMBL, GenBank, or equivalent web-accessible sources) by the date of publication or within 2 years of the start of the loan, whichever is earliest. Sequences from ZFMK specimens must be connected with the ZFMK specimen numbers. Accession numbers should be reported to the museum.
- The Zoological Research Museum Alexander Koenig should be acknowledged in each publication that was based on data derived from ZFMK specimens with the voucher specimen numbers. A hard or electronic copy should be send to us from all publications, which are at least partly based on our material.
- Any remaining tissue or DNA should be returned to the ZFMK, appropriately labeled and with references to resulting publications.
- If the material is needed for a master's or PhD thesis, the request must be made by the student's academic advisor, who will be required to confirm that the student has the necessary expertise and funding to carry out the work, and who will be ultimately responsible for the loaned material. The advisor should provide reasonable assurance that the results of the study will be published in a scientific, refereed journal.
- The Zoological Research Museum Alexander Koenig retains the right to require that samples are taken by ZFMK staff and/or DNA extractions are done in an appropriate laboratory within our Museum.