***Molecular Ecology* and *Molecular Ecology Resources* guidelines for Data Accessibility and Benefit-Sharing.**

**Data Accessibility and Benefit-Sharing**

Molecular Ecology/Molecular Ecology Resources requires authors to include a **Data Accessibility and Benefit-Sharing** **section** in their manuscript, located beneath the references. The **Data Accessibility and Benefit-Sharing** **section** should be divided into two distinct statements: a**Data Accessibility Statement** and a **Benefit-Sharing Statement,**each with their own sub-heading. Please see the information below for guidance on what should be included in each statement. A **Data Accessibility and Benefit-Sharing section** that contains only a Data Accessibility Statement will be permitted in cases where there are no benefits to report.

Data Accessibility Statement

Molecular Ecology/Molecular Ecology Resources requires, as a condition for publication, that the data supporting the results in the paper will be archived in an appropriate public repository. Essential metadata such as spatio-temporal data should be archived and linked to associated genetic data when organisms have been collected from natural, wild, or domestic populations (for example, spatio-temporal data may not be relevant for laboratory strains or some experimental systems). Whenever possible the scripts and other artefacts used to generate the analyses presented in the paper should also be publicly archived. Exceptions may be granted at the discretion of the editor, especially for sensitive information such as human subject data or the location of endangered species.

Authors are required to archive their data in a publicly accessible repository such as Dryad, FigShare, GenBank, etc.  (not a laboratory homepage).

Upon submission, the Data Accessibility and Benefit-Sharing section must include a Data Accessibility Statement, but this can describe curation plans prior to data having been thus archived.

Upon acceptance, data must be archived and the Data Accessibility Statement completed including database and information such as accession numbers or DOI (as available) for all data from the manuscript before the manuscript can be published.

Note: if data, scripts, or other artefacts used to generate the analyses presented in the paper are available via a publicly available data repository, authors should include a reference to the location of the material within their paper.

Example text for Data Accessibility Statement:

**Genetic data:**

Raw sequence reads are deposited in the SRA (BioProject XXX)

Individual genotype data are available on DataDryad (XXXX)

Unique haplotype data are deposited to NCBI Nucleotide Database (XXXX)

**Sample metadata:**

Metadata are also stored in the SRA (BioProject XXX) using the XXXX MIxS package XXXX

OR

Metadata can be found in GEOME (DOI XXX; including georeferences in decimal degrees and date/month/year of sampling event)

OR

Related metadata can be found in XXX (including georeferences in decimal degrees and date/month/year of sampling event) and XXX provides unique sample identifier tags that can be matched to both the deposited genetic data and deposited metadata (for haplotypes, individual sample identifiers and their corresponding haplotype)

Benefit-Sharing Statement

Molecular Ecology/Molecular Ecology Resources additionally requires, as a condition for publication, that the research described in the publication complies with relevant national laws implementing the Convention on Biological Diversity and Nagoya Protocol agreements. Authors will be required to make an affirmative statement during the submission process as to compliance with national laws, if applicable.

Molecular Ecology/Molecular Ecology Resources also encourages authors to include a Benefit-Sharing Statement within their Data Accessibility and Benefit-Sharing section. The Benefit-Sharing Statement should disclose benefits generated commensurate with the Nagoya Protocol. For further information on the scope of benefits recognized under the Nagoya Protocol, see the link to the Nagoya Protocol Annex at [**https://www.cbd.int/abs/text/articles/?sec=abs-37**](https://www.cbd.int/abs/text/articles/?sec=abs-37).

We recognize in some cases the Nagoya Protocol is not applicable or that there are no benefits to report, which is why the reporting of benefits is not mandatory.

Example Text for Benefit-Sharing Statement:

"Benefits Generated: A research collaboration was developed with scientists from the countries providing genetic samples, all collaborators are included as co-authors, the results of research have been shared with the provider communities and the broader scientific community (see above), and the research addresses a priority concern, in this case the conservation of organisms being studied. More broadly, our group is committed to international scientific partnerships, as well as institutional capacity building.

"Benefits Generated: We consulted with the indigenous community providing the biodiversity resources and hired members of a local Hunters and Trappers Association to help with biodiversity assessments, including collections of canid fecal samples for diet analysis based on DNA metabarcoding, and local knowledge concerning changes in prey communities over time. The contributions of all individuals to the research, including indigenous hunters, are described in the METHODS and ACKNOWLEDGEMENTS, and a research report has been provided to the relevant indigenous community council, as well as to the territorial government. The research addresses a priority concern regarding an apparent shift in the prey of canids from wild to domesticated animals. Lastly, as described above, all data have been shared with the broader public via appropriate biological databases.”

“Benefits Generated: Benefits from this research accrue from the sharing of our data and results on public databases as described above.”

Manuscripts lacking a Data Accessibility and Benefit-Sharing section will not be passed through to an editor. Please note that reviewers will be asked to comment on the completeness of this section. If you have any questions about the Data Accessibility and Benefit-Sharing section, please email **manager.molecol@wiley.com** to request further information.