



# NATIONAL ENVIRONMENT MANAGEMENT AUTHORITY

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Application Reference No: **NEMA/AGR/66/2016**

Registration: **0059**

## Form of Access Permit

This permit is hereby granted to **PROF. DANIEL RUBENSTEIN**, Address: **106A Guyot Hall, Princeton University, Princeton, NJ, USA 08544** in accordance with regulation 11 of the Environmental Management and Co-ordination (Conservation of Biological Diversity and Resources, Access to Genetic Resources and Benefit Sharing) Regulations, 2006 for the collection of the following genetic resources:

**Not more than 3,000 Samples of 0.2g DNA Fecal Specimens, 1,000 Samples of Dried Fecal Specimen from Equine, Bovine, Elephant, Hippopotamus, Caprine, Porcine, Murine, Canine, Reptile, Feline, and Laporidae Species and 1,000 Samples of 20g Dried Vegetation Specimens** located at

**Mpala Research Center, Lewa and Westgate Conservancies, Samburu and Buffalo Springs National Reserves in Laikipia, Isiolo and Samburu Counties**

This permit is issued subject to the Regulations and all agreements concluded pursuant to its grant, and may be suspended, cancelled or revoked should the holder breach any of those agreements and the conditions of issue and those contained in the Regulations.

**PROF. DANIEL RUBENSTEIN** being the holder of this permit, including his agents and assignees, undertake to abide by the conditions of this permit and to promptly report to the National Environment Management Authority any matter that may prejudice the interests of Kenya and other parties concluded pursuant to the grant of this permit.

Signed: .....  
**Director General**  
 National Environment Management Authority

Date: **11/9/2016**

Third Schedule

**PERMIT CONDITIONS:- NEMA/AGR/66/2016**

1. This approval shall be valid for 12 months from the date of issuance and shall not be transferable.
2. This approval is for accessing not more than 3,000 Samples of 0.2g DNA Fecal Specimens, 1,000 Samples of dried fecal specimen from Equine, Bovine, Elephant, Hippopotamus, Caprine, Porcine, Murine, Canine, Reptile, Feline, and Laporidae Species and 1,000 Samples of 20g Dried Vegetation Specimens. You shall provide the list and quantity of all collected samples to NEMA.
3. The access of the genetic resources and its derivatives shall be strictly held in department of Ecology and Evolutionary Biology Princeton University 106A Guyot Hall, United States.
4. You shall ensure that the collected specimens are well treated and preserved using the provided standards before export to Princeton University for DNA and other ecological analysis.
5. You shall ensure that the basic analysis of the genetic resource such as identification, cataloging, analyzing and preservation of the fecal and vegetation specimens as well as preparation of the samples to good laboratory standards for export and further analysis shall be done in the local institution: Mpala Research Center. You shall ensure that the local partners KWS and conservancies are involved in the collection, identification and preparations of the samples for export.
6. The genetic resource and the derivative shall not be transferred to a third party without the consent of the genetic resource providers and NEMA.
7. The genetic resource and the derivative shall not be used for commercial or profit purpose without understanding and agreement from genetic resource providers and NEMA.
8. You shall deposit and keep records of all duplicates of the genetic resources with the relevant lead agency (KWS/NMK) and provide evidence of deposition to NEMA.
9. You shall ensure that there is reasonable access by all Kenyan citizens to all genetic resources collected whether tangible or intangible components are held locally or abroad.
10. Ensure that all agreements entered into with respect to access of genetic resources shall be strictly for the purposes for which they were entered into.
11. You shall abide by the provision of the Material Transfer Agreements entered with the providers of genetic resources.
12. You shall ensure that the local community Traditional knowledge on the genetic resources and their uses are well safeguarded.
13. You shall furnish quarterly reports to NEMA on the status of research, including all discoveries from research involving genetic resources and/or intangible components thereof.
14. You shall comply with the improvement orders issued by NEMA's environmental inspectors throughout the project cycle.
15. You shall abide by the laws of Kenya.
16. NEMA reserves the right to suspend, cancel, revoke or vary this permit in the event of a breach of the conditions stated herein or any contravention to the Environmental Management and Coordination Act, 1999 and regulations thereunder.
17. Upon the completion of the intended studies, you shall return the remaining genetic resource to Kenya and deposit with the relevant lead agency (KWS/NMK) and notify NEMA of the return.