



DERBIANUS
GAME BREEDERS

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DRAFT BIO-DIVERSITY PERMIT CONDITIONS – November 2013

In order to ensure that no cross-breeding whatsoever of Lord Derby Eland with either the Cape Eland or the Livingstone Eland is undertaken, the Applicant propose certain measures and conditions to be imposed as part of the possible approval and authorization. In this regard, it is suggested that 3 control mechanisms can be implemented, being:

- Conditions of physical constraint;
- Establishment of a South African Lord Derby Eland Genetic Stud Book to be applied to the entire meta-population of Lord Derby Eland;
- Imposing contractual and permit conditions for any potential sale of Lord Derby Eland.

1. CONDITIONS OF PHYSICAL CONSTRAINT

In respect of physical constraint conditions, it is proposed that the following measures be implemented:

- The Lord Derby Eland will be held and/or bred in specifically established game camps with adequate fencing not less than 2.4 meters high and with 20 strands of wire, appropriately electrified to prevent antelope from freely entering and/or exiting the camps.
- Lord Derby Eland will under no circumstances be kept with Cape Eland and/or Livingstone Eland in the same enclosed camps or in any circumstances where the intentional or accidental cross-breeding of the species will be possible.
- The keeping, breeding, hunting or selling of Lord Derby Eland will be subject to such physical constraints as is reasonably necessary to prevent any cross-breeding with Cape Eland and/or Livingstone Eland.
- Should any break-out of Lord Derby Eland into a camp and/or farm and/or reserve and/or park occur where Cape Eland and/or Livingstone Eland is present and cross-breeding could potentially take place, the owner of the Lord Derby Eland will be

required to take immediate action to ensure that no cross-breeding takes place and in the event of such an occurrence, the owner will be legally obliged to ensure the killing of any such hybridized calf.

- Should any break-out of Cape Eland and/or Livingstone Eland into a camp and/or farm and/or reserve and/or park occur where Lord Derby Eland is present and cross-breeding could potentially take place, the owner of the Lord Derby Eland will be required to take immediate action to ensure that no cross-breeding takes place and in the event of such an occurrence, the owner will be legally obliged to ensure the killing of any such hybridized calf.

2. ESTABLISHMENT OF A SOUTH AFRICAN LORD DERBY ELAND GENETIC STUD BOOK

- 2.1 The Applicant will attend to the compilation of a comprehensive South African Lord Derby Eland Genetic Stud Book, which will apply to the entire meta-population of Lord Derby Eland in South Africa. For these purposes, the Applicant will appoint, at its own cost, an independent expert geneticist to assist in the testing and compilation of the Genetic Stud Book, as well as the continued annual updating thereof.
- 2.2 All Lord Derby Eland initially introduced will be captured in the Genetic Stud Book.
- 2.3 All off-spring born, as well as all deaths will be recorded in the Genetic Stud Book.
- 2.4 Should any sale of any Lord Derby Eland occur, any new owner will be obliged to participate fully in the Genetic Stud Book.

3. CONDITIONS APPLICABLE TO THE SALE OF LORD DERBY ELAND AND/OR THEIR OFF-SPRING

- 3.1 Due to the nature of the translocation and considering the long term population viability and in order to ensure the best genetic diversity, it may well be prudent not to retain all antelope in one breeding programme. In this regard, it will be important to optimally manage the meta-population and to minimize in-breeding and maximise genetic diversity (consider for instance the study conducted on the history and management of Black Rhino *Diceros Bucornus* in Kwazulu-Natal where the entire meta-population in South Africa was limited to approximately 110 individuals during the 1930's).
- 3.2 Thus, if the translocation is successful and the Lord Derby Eland is properly adapted to local conditions, it may be important to sell a limited number to specifically identified pre-approved purchasers whom would apply the same principles of retaining genetic diversity and preventing any form of cross-breeding. Again reference can be made to the manner in which Ezemvelo, KZN Wildlife handled the sale of Black Rhino where purchasers had to be specially pre-approved.

3.3 All potential purchasers of Lord Derby Eland will be pre-approved on the basis that they will apply the following conditions, both contractually, as well as in the format of permit conditions:

- The Lord Derby Eland will be held and/or bred in specifically established game camps with adequate fencing not less than 2.4 meters high and with 20 strands of wire, appropriately electrified to prevent antelope from freely entering and/or exiting the camps.
- Lord Derby Eland will under no circumstances be kept with Cape Eland and/or Livingstone Eland in the same enclosed camps or in any circumstances where the intentional or accidental cross-breeding of the species will be possible.
- The keeping, breeding, hunting or selling of Lord Derby Eland will be subject to such physical constraints as is reasonably necessary to prevent any cross-breeding with Cape Eland and/or Livingstone Eland.
- Should any break-out of Lord Derby Eland into a camp and/or farm and/or reserve and/or park occur where Cape Eland and/or Livingstone Eland is present and cross-breeding could potentially take place, the owner of the Lord Derby Eland will be required to take immediate action to ensure that no cross-breeding takes place and in the event of such an occurrence, the owner will be legally obliged to ensure the killing of any such hybridized calf.
- Should any break-out of Cape Eland and/or Livingstone Eland into a camp and/or farm and/or reserve and/or park occur where Lord Derby Eland is present and cross-breeding could potentially take place, the owner of the Lord Derby Eland will be required to take immediate action to ensure that no cross-breeding takes place and in the event of such an occurrence, the owner will be legally obliged to ensure the killing of any such hybridized calf.
- Compulsory participation in the South African Lord Derby Eland Genetic Stud Book through the registration of the individual project, as well as the subsequent annual updating of all births, deaths and sales.
