

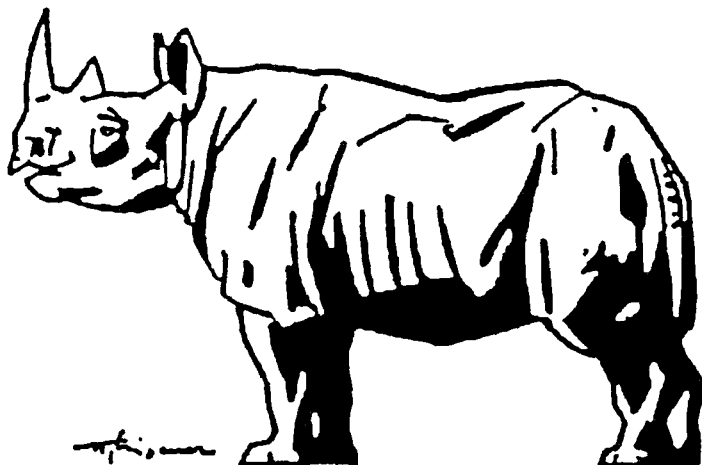
# ZOOLOGISCHER GARTEN BERLIN

## INTERNATIONALES ZUCHTBUCH für das afrikanische SPITZMAULNASHORN

*Diceros bicornis* (Linné, 1758)

## INTERNATIONAL STUDBOOK for the African BLACK RHINOCEROS

9



01. 01. 2001

**Ausgabe 9**

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**Herausgeber**

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**begründet 1966 von  
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Volume 9

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

*Diceros bicornis* (Linné, 1758)

Published by

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Director Dr. Hans Frödrich

set up by

**Prof.Dr.Dr.h.c.mult. H.-G. Klös in 1966**

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**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

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**Allgemeines**

**general information**

**General information - *Diceros bicornis***

This is the 9th publication of the International Studbook for African rhinoceroses *Diceros bicornis* and *Ceratotherium simum* with one incisive alteration.

Due to the extensive data collected (new rhino keeping institutions in East and South Africa, and in China) and on request of many readers we decided to separate the studbook into two autonomous editions.

A number of rhinos listed in this volume are taken from Dr. L.C. ROOKMAKER's publication "The Rhinoceros in Captivity", (1998, Academic Publishing bv, The Hague, The Netherlands) which we received in 1999 and which helped to complete the picture of the rhino keeping institutions global-wide.

We continued to list all available PRIMARY death causes, which, however, because of indistinct information or several pathological findings in cases are only speculative.

Since we had noted that the birth data of the wild born individuals in many cases differ between the studbook and the record keeping of the different zoological institutions we took the pain to search our extensive files and came up with 99% exact information.

Way back in 1966 when the studbooks were set up record keepers knew exactly how old the animals were on arrival. Only in few cases the age on arrival had to be estimated. Another source was the information we received in those days from the Natal Parks Board or from the im- and exporters.

For the reporting period (01.01.1999 through 00.09.2001) 39 (15.20.4) *Diceros bicornis michaeli* and 13 (9.3.1) *Diceros bicornis minor*-births were recorded.

The mortality rate totals 33 (12.21.0) *Diceros bicornis michaeli* and 7 (5.2.0) *Diceros bicornis minor*-Individuals of which 0.1 was released into the wild by Frankfurt/M Zoo and therefore removed from the studbook. 1.1 individuals of this subspecies was imported from the wild by a new rhino keeping institution in China.

The current living population totals 275 (125.144.6), an increase of 40 individuals.

This edition includes data to September 2001.

I should like to express my sincere thanks to Dr. med. vet. REINHARD GÖLTENBOTH, who retired last year, for his unprecedented engagement in the field of rhino conservation, his research in the field of diseases in wild animals and for the outstanding work he has done as chairman of the Rhino Taxon Advisory Group and Black rhino EEP-coordinator. Although retired, he is still engaged in the field of rhino protection and actively contributes to matters concerning the husbandry of rhinos.

In addition I thank Dr. THOMAS J. FOOSSE, Program Director and Compiler of the North American Regional Studbook, Waynesboro, PA, USA, Mr. HARUO OTSU, National Black rhino Studbook Keeper, Hiroshima Asa Zoological Park, Japan, Mr. ANDREW THORNE, ASMP Black rhino Species Coordinator, Western Plains Zoo, Dubbo, Australia, for their outstanding cooperation with us, and the many Ladies and Gentlemen who work in the

field of Animal-Data-Processing and who upon request promptly submit the needed information.

I also thank Dr. L.C. ROOKMAKER, UK, and Mr. CHRISTOPHER BRACK, Wuppertal, Germany, who submit information to us out of personal interest in the species and in the international studbook project.

My thanks also goes to our studbook compiler Mrs. HANNELORE MERCADO who is working in this field since 1979, keeping close contact with zoos and zoological institutions global-wide, and who signs responsible for the listed data and the layout of the studbook.

Dr. med. vet. Andreas Ochs

Berlin, 30.09.2001

**U R G E N T appeal to all African rhino keeping institutions and their RECORD KEEPERS**

The good quality of a studbook greatly depends on regular and detailed reports submitted to the international studbook keeper by all rhino keeping institutions.

The resolution of the 1979 COPENHAGEN CONFERENCE which was ratified by the IUDZG in Warsaw summarizes the data that should be collect in a studbook.

The directions in question can only be met if complete and detailed updates are submitted on an ANNUAL basis respectively no later than January, 10th of each year.

**REPORTS SHOULD INCLUDE:**

- all changes in stock that occurred within the reporting period or indicate that no changes are to be recorded.
- Death notes should not merely state date of death but mainly PRIMARY cause of death of an animal.
- To ensure enough time for check-backs and to reduce problems altogether it is advisable that reports are being submitted EACH TIME CHANGES OCCUR.

To be registered are ALL OFFSPRING, including:

abortions,  
stillbirths,  
those that die Post partum, and also  
those that are pulled upon a female's death  
to keep record on an individual's reproduction status.

(For this in the past years we have subsequently taken up in the studbook all birth data formerly not recorded. Dr. A Ochs)

**STUDBOOK CARDS**

are no longer issued instead the studbook registration data will immediately be submitted by the studbook keeper to the institution concerned for recording.

Already existing studbook cards should be returned to the studbook keeper upon the death of an animal.

An existing studbook card of an animal that is being sold to a dealer should always be returned to the studbook keeper with a conclusive note on name, address, fax number of the dealer, and most of all the name of the receiving zoological institution, IF KNOWN.

**DEALERS**

should always be informed on an animal's studbook registration number and be committed to send note to the studbook keeper on an animal's final destination!

**REPORTS**

on change in status of an animal already registered must for unmistakable identification list studbook number, date of birth, and sex.

PROVE OF IDENTITY of an animal is the STUDBOOK NUMBER and only secondary its ARKS ID number. It is therefore NON-SUFFICIENT to only refer to the ARKS ID number!

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

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**Namenliste der Welt-Haltungen, deren Population**

**sowie Gesamtübersicht**

**nach Kontinenten**

*Diceros bicornis michaeli* and

*Diceros bicornis minor*

**List of world institutions, their population**

**and overall view**

**by continents**

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T LIVING POPULATION

| Continent          | Country/<br>Institution  | Name/Location<br>of Institution                                                                                                                                                    | M  | F  | U | LAST<br>REPORT<br>received |
|--------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|----------------------------|
| <b>A F R I C A</b> |                          |                                                                                                                                                                                    |    |    |   |                            |
|                    | East<br>Kenya            |                                                                                                                                                                                    |    |    |   |                            |
|                    | LEWA WLDLF CONS          | Lewa Wildlife Conservancy,<br>Lewa Downs, Nairobi, Kenya<br>( Mr. Geoffrey Chege, Research Officer )                                                                               | 10 | 15 | 4 | 12.2000                    |
|                    | South                    |                                                                                                                                                                                    |    |    |   |                            |
|                    | BROOKER GM TRD           | Mr. John Brooker<br>International Game Trading CC, Rivonia<br>( Glen African Farm, Broederstroom )<br>no response to status inquiries                                              | 0  | 1  | 0 | 03.1998!                   |
|                    | NATIONAL PKS BD          | National Parks Board<br>of South Africa, Pretoria<br>( loan in from Port Lympne )                                                                                                  | 1  | 0  | 0 | 01.2001                    |
|                    | West<br>Nigeria          |                                                                                                                                                                                    |    |    |   |                            |
|                    | MAIDUG KYARIMI           | Kyarimi Park Zoo, Forestry Division<br>Ministry of Natural Resources,<br>Maiduguri, Borno State<br>report Rookmaaker 1994: alive!<br>MDG: no response to numerous status inquiries | 0  | 2  | 0 | 01.1978!                   |
|                    | Total African population |                                                                                                                                                                                    | 11 | 18 | 4 | 33                         |

**A S I A**

|  |                              |                                                                                                            |   |   |   |         |
|--|------------------------------|------------------------------------------------------------------------------------------------------------|---|---|---|---------|
|  | China-Republic of ( Taiwan ) |                                                                                                            |   |   |   |         |
|  | TAIPEI ZOO                   | Taipei Zoo, Taipei                                                                                         | 0 | 2 | 0 | 07.2000 |
|  | India                        |                                                                                                            |   |   |   |         |
|  | LOC UNK ASIA                 | source Rookmaaker: all data<br>to unk location<br>Mysore 07.2001: info on whereabouts<br>will be submitted | 1 | 0 | 0 |         |
|  | MYSORE SCZG                  | Sri Chamarajendra Zoological Gardens,<br>Mysore, Karnataka State                                           | 1 | 1 | 0 | 07.2001 |

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

| Continent      | Country/<br>Institution | Name/Location<br>of Institution                                                                                                                                                      | M  | F  | U | LAST<br>REPORT<br>received |
|----------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---|----------------------------|
| <b>A S I A</b> |                         |                                                                                                                                                                                      |    |    |   |                            |
|                | Japan                   | Mr. HARUO OTSU<br>National Black rhino Studbook Keeper<br>Hiroshima Asa Zoological Park<br>Hiroshima, Japan<br>REPORTS are being submitted annually-<br>last report received 09.2001 |    |    |   |                            |
|                | HIR ASA ZOOL PK         | Hiroshima Asa Zoological Park,<br>Hiroshima                                                                                                                                          | 3  | 4  | 0 |                            |
|                | HITACHI KAMINE          | Hitachi Kamine Zoological Park,<br>Hitachi-ahi, Ibaraki                                                                                                                              | 1  | 2  | 0 |                            |
|                | NAGOYA HIGASHIY         | Nagoya Higashiyama Zoo,<br>Chigasaki, Nagoya                                                                                                                                         | 1  | 1  | 0 |                            |
|                | OSAKA TENNOJI           | Osaka Municipa Tennoji<br>Zoological Garden, Tennoji-ku, Osaka                                                                                                                       | 2  | 2  | 0 |                            |
|                | TKY UENO ZOO            | Ueno Zoological Gardens,<br>Taito-ku, Tokyo                                                                                                                                          | 1  | 1  | 0 |                            |
|                | YOK KANAZAWA Z          | Kanazawa Zoological Gardens of<br>Yokohama, Kanazawa-ku, Yokohama                                                                                                                    | 1  | 3  | 0 |                            |
|                | Total Asian population  |                                                                                                                                                                                      | 11 | 16 | 0 | 27                         |

**A U S T R A L A S I A**

Mr. ANDREW THORNE  
ASMP Black rhino Species Coordinator  
Western Plains Zoo  
Dubbo, Australia  
REPORTS are being submitted annually-  
last report received 07.2001

|           |                               |                           |   |   |   |   |
|-----------|-------------------------------|---------------------------|---|---|---|---|
| Australia | DUBBO WESTERN P               | Western Plains Zoo, Dubbo | 1 | 0 | 0 |   |
|           | Total Australasian population |                           | 1 | 0 | 0 | 1 |

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

| Continent     | Country/<br>Institution        | Name/Location<br>of Institution                                                                                                     | M | F  | U | LAST<br>REPORT<br>received |
|---------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|---|----|---|----------------------------|
| <b>EUROPE</b> |                                |                                                                                                                                     |   |    |   |                            |
|               |                                | Dr. med. vet. ANDREAS OCHS<br>International Studbook Keeper-<br>EEP-Coordinator<br>Zoologischer Garten Berlin AG<br>Berlin, Germany |   |    |   |                            |
|               | Czech Republic<br>DVUR KRALOVE | Zoologicka Zahrada,<br>Dvur Kralove nad Labem                                                                                       | 4 | 10 | 0 | 01.2001                    |
|               | Estonia<br>TALLINN ZOO         | Tallinn Zoo, Tallinn                                                                                                                | 1 | 0  | 0 | 02.2001                    |
|               | Germany<br>BERLIN ZOO          | Zoologischer Garten Berlin AG<br>Berlin                                                                                             | 1 | 5  | 0 | current                    |
|               | COLOGNE ZOO                    | Aktiengesellschaft Zoologischer<br>Garten Köln, Köln                                                                                | 1 | 1  | 0 | 03.2001                    |
|               | DORTMUND ZOO                   | Tierpark Dortmund, Dortmund                                                                                                         | 1 | 1  | 0 | 03.2001                    |
|               | HANOVER ZOO                    | Zoo Hannover GmbH, Hannover                                                                                                         | 1 | 3  | 0 | 03.2001                    |
|               | KREFELD ZOO                    | Krefelder Zoo, Krefeld                                                                                                              | 1 | 1  | 0 | 02.2001                    |
|               | LEIPZIG ZOO                    | Zoologischer Garten Leipzig, Leipzig                                                                                                | 1 | 3  | 0 | 07.2001                    |
|               | MAGDEBURG ZOO                  | Zoologischer Garten Magdeburg, Magdeburg                                                                                            | 1 | 3  | 0 | 01.2000                    |
|               | Italy<br>NAPLES ZOO            | Giardino Zoologico di Napoli, Napoli                                                                                                | 1 | 1  | 0 | 10.1999                    |
|               | Switzerland<br>ZURICH ZOO      | Zoologischer Garten Zürich, Zürich                                                                                                  | 1 | 3  | 0 | 04.2001                    |
|               | United Kingdom<br>CHESTER ZOO  | North of England Zoological Society<br>(Chester Zoo), Zoological Gardens,<br>Chester, Cheshire                                      | 1 | 4  | 0 | 03.2001                    |
|               | LON-REGENT'S PK                | The Zoological Society of London,<br>Regent's Park, London                                                                          | 1 | 0  | 0 | 02.2001                    |
|               | LON-WHIPSNADE                  | The Zoological Society of London,<br>Whipsnade Wild Animal Park, Dunstable, Beds.                                                   | 1 | 1  | 0 | 01.2001                    |

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

| Continent                 | Country/<br>Institution       | Name/Location<br>of Institution                                            | M  | F  | U | LAST<br>REPORT<br>received |
|---------------------------|-------------------------------|----------------------------------------------------------------------------|----|----|---|----------------------------|
| <b>E U R O P E</b>        |                               |                                                                            |    |    |   |                            |
|                           | United Kingdom<br>PORT LYMPNE | Howletts & Port Lympne Estate Ltd.,<br>Port Lympne, Lympne nr. Hythe, Kent | 7  | 12 | 0 | 01.2001                    |
| Total European population |                               |                                                                            | 24 | 48 | 0 | 72                         |
| Total EEP population      |                               |                                                                            | 23 | 47 | 0 | 70                         |

**N O R T H A M E R I C A**

Dr. THOMAS J. FOOSE, Program Director  
Compiler North American Regional Studbook  
Waynesboro, PA  
REPORTS are being submitted  
on any change in population

**U S A**

|                 |                                                                                        |   |   |   |         |
|-----------------|----------------------------------------------------------------------------------------|---|---|---|---------|
| ATLANTA ZOO     | Zoo Atlanta-Atlanta/Fulton County Zoo, Inc.<br>Atlanta, GA                             | 1 | 1 | 0 | 07.2001 |
| CHICAGO BROOKFD | Chicago Zoological Park<br>(Brookfield Zoo), Brookfield, IL                            | 2 | 3 | 0 | 03.2001 |
| CINCINNATI ZOO  | Cincinnati Zoo & Botanical Garden,<br>Zoological Society of Cincinnati, Cincinnati, OH | 2 | 1 | 0 | 02.2001 |
| CLEVELAND METRO | Cleveland Metroparks Zoological Park,<br>Cleveland, OH                                 | 1 | 2 | 0 | 03.2001 |
| COLUMBIA RIVERB | Riverbanks Zoological Park,<br>Columbia, SC                                            | 1 | 2 | 0 | 03.2001 |
| CUMBERLD WILDS  | The Wilds, Cumberland, OH                                                              | 1 | 0 | 0 | 06.2001 |
| DENVER ZOO      | Denver Zoological Gardens,<br>Denver, CO                                               | 2 | 1 | 0 | 03.2001 |
| DETROIT ZOO     | Detroit Zoological Park,<br>Royal Oak, MI                                              | 1 | 0 | 0 | 03.2001 |
| GARDEN CITY ZOO | Lee Richardson Zoo,<br>Garden City, KS                                                 | 1 | 0 | 0 | 05.2001 |
| HONOLULU ZOO    | Honolulu Zoo, Honolulu, HI                                                             | 1 | 1 | 0 | 04.2001 |
| JACKSONVILLE    | Jacksonville Zoological Grdens,<br>Jacksonville, FL                                    | 1 | 0 | 0 | 04.2001 |
| MIAMI METROZOO  | Miami Metrozoo, Miami, FL                                                              | 2 | 1 | 0 | 04.2001 |

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

| Continent                             | Country/<br>Institution | Name/Location<br>of Institution                                                 | M  | F  | U | LAST<br>REPORT<br>received |
|---------------------------------------|-------------------------|---------------------------------------------------------------------------------|----|----|---|----------------------------|
| NORTH A M E R I C A                   |                         |                                                                                 |    |    |   |                            |
|                                       | U S A                   |                                                                                 |    |    |   |                            |
|                                       | KANSAS CITY ZOO         | Kansas City Zoological Gardens,<br>Kansas City, MO                              | 3  | 2  | 0 | 07.2001                    |
|                                       | LANSG POTTER PK         | Potter Park Zoo,<br>Lansing, MI                                                 | 1  | 1  | 0 | 04.2001                    |
|                                       | LITTLE ROCK ZOO         | Little Rock Zoo, Little Rock, AR                                                | 1  | 0  | 0 | 03.2001                    |
|                                       | LOS ANGELES ZOO         | The Los Angeles Zoo,<br>Los Angeles, CA                                         | 1  | 0  | 0 | 03.2001                    |
|                                       | OKLAHOMA CITY           | Oklahoma City Zoological Park,<br>Oklahoma City, OK                             | 1  | 1  | 0 | 03.2001                    |
|                                       | PITTSBURGH ZOO          | Pittsburgh Zoo, Pittsburgh, PA                                                  | 2  | 0  | 0 | 02.2001                    |
|                                       | POWELL COLUMBUS         | Columbus Zoological Gardens<br>and Arthur C. Johnson Aquarium,<br>Powell, OH    | 1  | 1  | 0 | 04.2001                    |
|                                       | PTLD OREGON ZOO         | Oregon Zoo, Portland, OR                                                        | 1  | 1  | 0 | 04.2001                    |
|                                       | SAN ANTONIO ZOO         | San Antonio Zoological Gardens<br>and Aquarium, San Antonio, TX                 | 1  | 2  | 0 | 04.2001                    |
|                                       | SAN DIEGO WAP           | San Diego Wild Animal Park,<br>Zoological Society of San Diego, Escondido, CA   | 1  | 1  | 0 | 04.2001                    |
|                                       | SAN FRANCISCO           | San Francisco Zoological Gardens,<br>San Francisco, CA                          | 2  | 1  | 0 | 07.2001                    |
|                                       | SEDGWICK WICHIT         | Sedgwick County Zoo,<br>Wichita, KS                                             | 1  | 0  | 0 | 04.2000                    |
|                                       | SIOUX FALLS ZOO         | Great Plains Zoo and<br>Delbridge Museum of Natural History,<br>Sioux Falls, SD | 1  | 1  | 0 | 04.2001                    |
|                                       | ST LOUIS ZOO            | St Louis Zoological Park,<br>St Louis, MO                                       | 1  | 1  | 0 | 04.2001                    |
|                                       | TAMPA BUSCH GD          | Busch Gardens Zoological Park,<br>Tampa, FL                                     | 4  | 2  | 0 | 08.2001                    |
|                                       | TYLER CALDWELL          | Caldwell Zoo, Tyler, TX                                                         | 3  | 1  | 0 | 05.2001                    |
| Total North American (SSP) population |                         |                                                                                 | 40 | 27 | 0 | 67                         |

Eastern Black rhinoceros - *Diceros bicornis michaeli*

INSTITUTIONS by CONTINENTS - C U R R E N T LIVING POPULATION

| Continent             | Country/<br>Institution | Name/Location<br>of Institution                            | M  | F   | U | LAST<br>REPORT<br>received |
|-----------------------|-------------------------|------------------------------------------------------------|----|-----|---|----------------------------|
| <hr/>                 |                         |                                                            |    |     |   |                            |
| CENTRAL A M E R I C A |                         |                                                            |    |     |   |                            |
|                       | Mexico                  |                                                            |    |     |   |                            |
|                       | CHAPULTEPEC ZOO         | Zoologic de Chapultepec,<br>Colonia San Miguel Chapultepec | 1  | 0   | 0 | 07.2000                    |
|                       |                         | Total Central American population                          | 1  | 0   | 0 | 1                          |
|                       |                         |                                                            |    |     |   |                            |
|                       |                         | 57 institutions + 1 unk loc total world-wide               | 88 | 109 | 4 | 201                        |
|                       |                         |                                                            |    |     |   |                            |

Southern Black rhinoceros - *Diceros bicornis minor*

INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N

| Continent                | Country/<br>Institution                      | Name/Location<br>of Institution                                                                                                                                                                               | M | F | U | LAST<br>REPORT<br>received |
|--------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|----------------------------|
| <b>A F R I C A</b>       |                                              |                                                                                                                                                                                                               |   |   |   |                            |
|                          | South<br>DAMBARI-CHIPANG                     | Chipangali Wildlife Trust,<br>Dambari Breeding Centre<br>( Director Kevin V. J. Wilson )<br>Bulawayo, Zimbabwe<br>source ISIS 01.2001: 1.1.0 sold to unk loc<br>BUL: no response to numerous status inquiries | 2 | 4 | 0 | none!                      |
|                          | JOHANNESBG ZOO                               | Johannesburg Zoological Gardens,<br>Johannesburg                                                                                                                                                              | 1 | 0 | 0 | 03.2001                    |
|                          | MKUZI FALLS SF                               | Mkuzi Falls Safari, Pongola<br>( Mr. A. J. Marais )<br>report Pretoria 10.2000: to Mkuzi<br>no contact established as yet                                                                                     | 1 | 0 | 0 |                            |
|                          | PRETORIA ZOO                                 | National Zoological Gardens<br>of South Africa, Pretoria                                                                                                                                                      | 1 | 0 | 0 | 04.2001                    |
|                          | PRETORIA Z POTG                              | National Zoological Gardens<br>of South Africa, Pretoria<br>( Potgietersrus Breeding Centre, Northern TVL )                                                                                                   | 1 | 1 | 2 | 04.2001                    |
| Total African population |                                              |                                                                                                                                                                                                               | 6 | 5 | 2 | 13                         |
| <b>A S I A</b>           |                                              |                                                                                                                                                                                                               |   |   |   |                            |
|                          | China-People's Republic of<br>PNY XIANGJIANG | Guangzhou Panyu<br>Xiangjian Safari Park,<br>Panyu City, Guangzhou                                                                                                                                            | 1 | 1 | 0 | 04.2001                    |
|                          | Korea-North<br>PYONGYANG ZOO                 | Pyongyang Zoological Park,<br>Daesong District, Pyongyang<br>no response to numerous status inquiries                                                                                                         | 2 | 2 | 0 | 11.1986!                   |
| Total Asian population   |                                              |                                                                                                                                                                                                               | 3 | 3 | 0 | 6                          |

**Southern Black rhinoceros - *Diceros bicornis minor***

**INSTITUTIONS by CONTINENTS - C U R R E N T L I V I N G P O P U L A T I O N**

| Continent                            | Country/<br>Institution | Name/Location<br>of Institution                                                                                                                                              | M        | F        | U        | LAST<br>REPORT<br>received |
|--------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------------------------|
| <b>A U S T R A L A S I A</b>         |                         | Mr. ANDREW THORNE<br>ASMP Black rhino Species Coordinator<br>Western Plains Zoo<br>Dubbo, Australia<br>REPORTS are being submitted annually-<br>last report received 07.2001 |          |          |          |                            |
| Australia                            | DUBBO WESTERN P         | Western Plain Zoo, Dobbo                                                                                                                                                     | 5        | 6        | 0        |                            |
| <b>Total Australasian population</b> |                         |                                                                                                                                                                              | <b>5</b> | <b>6</b> | <b>0</b> | <b>11</b>                  |

**E U R O P E**

Dr. med. vet. ANDREAS OCHS  
International Studbook Keeper-  
EEP-Coordinator  
Zoologischer Garten Berlin AG  
Berlin, Germany

|                                  |                 |                                                                       |          |          |          |          |
|----------------------------------|-----------------|-----------------------------------------------------------------------|----------|----------|----------|----------|
| Germany                          | FRANKFURT/M ZOO | Zoologischer Garten der Stadt<br>Frankfurt am Main, Frankfurt am Main | 1        | 1        | 0        | 02.2001  |
| <b>Total European population</b> |                 |                                                                       | <b>1</b> | <b>1</b> | <b>0</b> | <b>2</b> |

**N O R T H A M E R I C A**

Dr. THOMAS J. FOOSE, Program Director  
Compiler North American Regional Studbook  
Waynesboro, PA  
REPORTS are being submitted  
on any change in population

|       |                 |                                                     |   |   |   |         |
|-------|-----------------|-----------------------------------------------------|---|---|---|---------|
| U S A | DALLAS ZOO      | Dallas Zoo, Dallas, TX                              | 3 | 1 | 0 | 05.2001 |
|       | DISNEY'S AN KGD | Disney's Animal Kingdom,<br>Lake Buena Vista, FL    | 3 | 2 | 0 | 04.2001 |
|       | EL COYOTE RANCH | El Coyote Ranch<br>Lee M. Bass Inc., Fort Worth, TX | 3 | 6 | 0 | 05.2001 |
|       | FORT WORTH ZOO  | Fort Worth Zoological Park,<br>Fort Worth, TX       | 1 | 1 | 0 | 01.2001 |
|       | GLN ROSE FOSSIL | Fossil Rim Wildlife Center,<br>Glen Rose, TX        | 1 | 4 | 0 | 06.2001 |

Southern Black rhinoceros - *Diceros bicornis minor*

INSTITUTIONS by CONTINENTS - C U R R E N T LIVING POPULATION

| Continent                  | Country/<br>Institution               | Name/Location<br>of Institution                                                   | M  | F  | U | LAST<br>REPORT<br>received |
|----------------------------|---------------------------------------|-----------------------------------------------------------------------------------|----|----|---|----------------------------|
| <b>NORTH A M E R I C A</b> |                                       |                                                                                   |    |    |   |                            |
|                            | <b>U S A</b>                          |                                                                                   |    |    |   |                            |
|                            | LOS ANGELES ZOO                       | The Los Angeles Zoo,<br>Los Angeles, CA                                           | 0  | 1  | 0 | 03.2001                    |
|                            | MILWAUKEE ZOO                         | Milwaukee County Zoo,<br>Milwaukee, WI                                            | 2  | 2  | 0 | 05.2001                    |
|                            | SAN DIEGO ZOO                         | San Diego Zoological Garden,<br>Zoological Society of San Diego,<br>San Diego, CA | 2  | 1  | 0 | 04.2001                    |
|                            | YULEE WHITE OAK                       | White Oak Conservation Center,<br>Yulee, FL                                       | 7  | 2  | 0 | 09.2001                    |
|                            | Total North American (SSP) population |                                                                                   | 22 | 20 | 0 | 42                         |
|                            | 18 institutions total world-wide      |                                                                                   | 37 | 35 | 2 | 74                         |

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

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**Zusammenfassung**

**Welt-Importe, Geburten- und Todesrate**

**für den Zeitraum ab 01.01.1999**

*Diceros bicornis michaeli* and  
*Diceros bicornis minor*

**Summary**

**World imports, birth and mortality rate**

**between 01.01.1999 and 00.09.2001**

Black rhinoceros - *Diceros bicornis*

SUMMARY - IMPORTS recorded between 01.01.1999 and 00.09.2001

| Continent                 | Year of<br>ARRIVAL | Gender | Continent            | Year of<br>ARRIVAL | Gender |
|---------------------------|--------------------|--------|----------------------|--------------------|--------|
| Africa<br><i>michaeli</i> | 1984               | 5.3    | Asia<br><i>minor</i> | 1999               | 1.1    |
|                           | 1985               | 1.1    | totals               |                    | 1.1    |
|                           | 1989               | 0.1    |                      |                    |        |
| totals                    |                    | 6.5    | TOTAL imports        |                    | 7.6    |

SUMMARY - BIRTH and MORTALITY rate between 01.01.1999 and 00.09.2001

| Continent     | Year of<br>BIRTH | <i>michaeli</i> | <i>minor</i> | Continent     | Year of<br>DEATH | <i>michaeli</i> | <i>minor</i> |
|---------------|------------------|-----------------|--------------|---------------|------------------|-----------------|--------------|
| Africa        | 1999             | 1.1.2           | 0.0.1        | Africa        | 1999             | 2.0.0           | 1.0.0        |
|               | 2000             | 0.1.2           | 0.0.0        |               | 2000             | 0.0.0           | 0.1.0 *      |
|               | 2001             | 0.0.0           | 0.0.0        |               | 2001             | 0.0.0           | 0.0.0        |
| Asia          | 1999             | 2.1.0           | 0.0.0        | Asia          | 1999             | 1.1.0           | 0.0.0        |
|               | 2000             | 1.1.0           | 0.0.0        |               | 2000             | 1.1.0           | 0.0.0        |
|               | 2001             | 1.1.0           | 0.0.0        |               | 2001             | 0.0.0           | 0.0.0        |
| Australasia   | 1999             | 0.0.0           | 1.0.0        | Australasia   | 1999             | 0.0.0           | 0.0.0        |
|               | 2000             | 0.0.0           | 2.0.0        |               | 2000             | 0.0.0           | 2.0.0        |
|               | 2001             | 0.0.0           | 0.0.0        |               | 2001             | 0.0.0           | 0.0.0        |
| Europe        | 1999             | 3.3.0           | 0.0.0        | Europe        | 1999             | 3.2.0           | 0.0.0        |
|               | 2000             | 1.3.0           | 0.0.0        |               | 2000             | 0.4.0           | 0.0.0        |
|               | 2001             | 0.2.0           | 0.0.0        |               | 2001             | 0.2.0           | 0.0.0        |
| North America | 1999             | 2.2.0           | 1.1.0        | North America | 1999             | 3.5.0           | 2.0.0        |
|               | 2000             | 3.4.0           | 4.1.0        |               | 2000             | 2.4.0           | 0.0.0        |
|               | 2001             | 1.1.0           | 1.1.0        |               | 2001             | 0.2.0           | 0.1.0        |
| totals        |                  | 15.20.4         | 9.3.1        | totals        |                  | 12.21.0         | 5.2.0        |
| TOTAL births  | 24.23.5          |                 |              | TOTAL deaths  | 17.23.0          |                 |              |

\* Frankfurt Zoo; introduction to WILD-removed from STB

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**Altersstruktur des  
Östlichen Spitzmaulnashorns nach Kontinenten**

**Africa - Asia - Australasia  
Europe - North America - Central America**

**Age distribution in the  
Eastern Black rhinoceros by continents**

AGE DISTRIBUTION in the Eastern Black rhinoceros - *Diceros bicornis michaeli*

| AGE<br>ys -/+           | MALE     | FEMALE   | UNKN | AGE<br>ys -/+ | MALE | FEMALE | UNKN |
|-------------------------|----------|----------|------|---------------|------|--------|------|
| AFRICA                  |          |          |      | AUSTRALASIA   |      |        |      |
| 32                      | 0        | 1 (0229) | 0    | 20+           | 1    | 0      | 0    |
| 29                      | 0        | 1        | 0    | TOTAL         |      |        |      |
| 28+                     | 0        | 1        | 0    |               | 1    | 0      | 0    |
| 25                      | 0        | 1 (0242) | 0    | EUROPE        |      |        |      |
| 24+                     | 0        | 1 (0230) | 0    | 43            | 0    | 1      | 0    |
| 17+                     | 2        | 0        | 0    | 38            | 1    | 0      | 0    |
| 17                      | 1        | 0        | 0    | 35            | 0    | 1      | 0    |
| 16+                     | 1        | 0        | 0    | 32            | 1    | 0      | 0    |
| 15+                     | 0        | 1        | 0    | 30+           | 1    | 1      | 0    |
| 14+                     | 1        | 0        | 0    | 31            | 0    | 3      | 0    |
| 13+                     | 0        | 1        | 0    | 29+           | 0    | 2      | 0    |
| 13                      | 0        | 1        | 0    | 28            | 0    | 2      | 0    |
| 12+                     | 1        | 0        | 0    | 26            | 1    | 0      | 0    |
| 11+                     | 0        | 1        | 0    | 23+           | 1    | 0      | 0    |
| 9+                      | 1 (0448) | 2        | 0    | 23            | 0    | 1      | 0    |
| 6+                      | 0        | 1        | 0    | 22+           | 1    | 0      | 0    |
| 5+                      | 2        | 1        | 0    | 19+           | 0    | 1      | 0    |
| 3+                      | 0        | 2        | 0    | 18+           | 1    | 0      | 0    |
| 2+                      | 1        | 2        | 1    | 17+           | 1    | 1      | 0    |
| 1+                      | 1        | 0        | 1    | 16+           | 1    | 1      | 0    |
| 1-                      | 0        | 1        | 2    | 14+           | 0    | 1      | 0    |
| TOTAL                   | 11       | 18       | 4    | 12+           | 1    | 2      | 0    |
| mainly LEWA individuals |          |          |      | 11+           | 0    | 2      | 0    |
| ASIA                    |          |          |      | 10+           | 3    | 5      | 0    |
| 35                      | 0        | 1        | 0    | 10            | 0    | 1      | 0    |
| 34                      | 1        | 0        | 0    | 9+            | 1    | 1      | 0    |
| 29+                     | 0        | 1        | 0    | 9             | 1    | 0      | 0    |
| 22                      | 0        | 1        | 0    | 8+            | 1    | 2      | 0    |
| 18+                     | 2        | 0        | 0    | 7+            | 0    | 2      | 0    |
| 17+                     | 0        | 1        | 0    | 7             | 1    | 0      | 0    |
| 15                      | 0        | 1        | 0    | 6+            | 2    | 1      | 0    |
| 13+                     | 1        | 1        | 0    | 5+            | 1    | 1      | 0    |
| 13                      | 1        | 0        | 0    | 5             | 0    | 1      | 0    |
| 11+                     | 0        | 1        | 0    | 4+            | 1    | 3      | 0    |
| 10+                     | 2        | 0        | 0    | 3+            | 0    | 4      | 0    |
| 8+                      | 0        | 1        | 0    | 2+            | 1    | 5      | 0    |
| 7+                      | 0        | 1        | 0    | 1+            | 1    | 2      | 0    |
| 5+                      | 1        | 2        | 0    | 1-            | 1    | 1      | 0    |
| 3+                      | 0        | 2        | 0    | TOTAL         |      |        |      |
| 2+                      | 0        | 1        | 0    |               | 24   | 48     | 0    |
| 1+                      | 2        | 0        | 0    | TOTAL         |      |        |      |
| 1                       | 0        | 1        | 0    |               | 11   | 16     | 0    |
| 1-                      | 1        | 1        | 0    |               |      |        |      |

**A G B DISTRIBUTION in the Eastern Black rhinoceros - *Diceros bicornis michaeli***

| <b>A G B</b>               | <b>MALE</b> | <b>FEMALE</b> | <b>UNKN</b> | <b>A G B</b>                 | <b>MALE</b> | <b>FEMALE</b> | <b>UNKN</b> |
|----------------------------|-------------|---------------|-------------|------------------------------|-------------|---------------|-------------|
| <b>ys -/+</b>              |             | <b>ys -/+</b> |             |                              |             |               |             |
| <b>NORTH A M E R I C A</b> |             |               |             | <b>CENTRAL A M E R I C A</b> |             |               |             |
| 49                         | 1           | 0             | 0           | 40                           | 1           | 0             | 0           |
| 33                         | 0           | 1             | 0           |                              |             |               |             |
| 31                         | 1           | 1             | 0           | <b>TOTAL</b>                 | <b>1</b>    | <b>0</b>      | <b>0</b>    |
| 26                         | 1           | 0             | 0           |                              |             |               |             |
| 25+                        | 0           | 1             | 0           |                              |             |               |             |
| 24+                        | 1           | 0             | 0           |                              |             |               |             |
| 22+                        | 1           | 0             | 0           |                              |             |               |             |
| 21+                        | 2           | 0             | 0           |                              |             |               |             |
| 20+                        | 0           | 1             | 0           |                              |             |               |             |
| 19+                        | 1           | 0             | 0           |                              |             |               |             |
| 18+                        | 1           | 2             | 0           |                              |             |               |             |
| 16+                        | 0           | 2             | 0           |                              |             |               |             |
| 15+                        | 3           | 2             | 0           |                              |             |               |             |
| 14+                        | 3           | 0             | 0           |                              |             |               |             |
| 14                         | 1           | 0             | 0           |                              |             |               |             |
| 13+                        | 1           | 1             | 0           |                              |             |               |             |
| 12+                        | 1           | 3             | 0           |                              |             |               |             |
| 11+                        | 2           | 1             | 0           |                              |             |               |             |
| 10+                        | 1           | 0             | 0           |                              |             |               |             |
| 9+                         | 1           | 0             | 0           |                              |             |               |             |
| 8+                         | 3           | 1             | 0           |                              |             |               |             |
| 8                          | 0           | 2             | 0           |                              |             |               |             |
| 7+                         | 3           | 0             | 0           |                              |             |               |             |
| 6+                         | 2           | 2             | 0           |                              |             |               |             |
| 6                          | 1           | 0             | 0           |                              |             |               |             |
| 5+                         | 1           | 0             | 0           |                              |             |               |             |
| 4+                         | 3           | 0             | 0           |                              |             |               |             |
| 4                          | 1           | 0             | 0           |                              |             |               |             |
| 3+                         | 0           | 2             | 0           |                              |             |               |             |
| 3                          | 0           | 1             | 0           |                              |             |               |             |
| 1+                         | 2           | 1             | 0           |                              |             |               |             |
| 1-                         | 2           | 3             | 0           |                              |             |               |             |
| <b>TOTAL</b>               | <b>40</b>   | <b>27</b>     | <b>0</b>    |                              |             |               |             |

**INTERNATIONALES ZUCHTBUCH**

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**Welt-Lebendbestand des  
Östlichen Spitzmaulnashorns nach Kontinenten**

**Africa - Asia - Australasia  
Europe - North America - Central America**

**World living population in the  
Eastern Black rhinoceros by continents**

**Compiled by: Hannelore Mercado**

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - AFRICA

| STUD #                     | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                           | TERMS                                                                                              | GENERATION/HOUSE NAME            | AGES/LOCAL ID | FCDEF |
|----------------------------|---|------|------|----------------|------------|----------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------|---------------|-------|
| <b>East Africa</b>         |   |      |      |                |            |                                  |                                                                      |                                                                                                    |                                  |               |       |
| <b>Kenya</b>               |   |      |      |                |            |                                  |                                                                      |                                                                                                    |                                  |               |       |
| LEWA WLDLF CONS (10.15. 4) |   |      |      |                |            |                                  |                                                                      |                                                                                                    |                                  |               |       |
| 0800                       | M | WILD | WILD | LWC 09         | 2.6.2      | 01/05/84<br>05/08/84             | KNY MWEIGA REG (WB)<br>LEWA WLDLF CONS (TF)                          | [0 GEN]<br>Kelele                                                                                  | (2 ms on arrival)                | 2510          | 0.000 |
| 0803                       | F | WILD | WILD | LWC 12         | 2.2.1      | 10/01/73<br>01/01/78<br>10/05/84 | KNY KIBWEZI REG (WB)<br>SOLIO RANCH KNY (TF)<br>LEWA WLDLF CONS (TF) | [0 GEN]<br>Stumpy                                                                                  | none                             | 2504          | 0.000 |
|                            |   |      |      |                |            |                                  |                                                                      | Stumpy                                                                                             | (est. 11.7 ys on arrival at LWC) |               |       |
| 0804                       | F | UNKN | UNKN | LWC 13         | 0.6.0      | 01/01/73<br>01/10/84             | SOLIO RANCH KNY (B)<br>LEWA WLDLF CONS (TF)                          | [1st?GEN] Solio                                                                                    |                                  | none<br>2505  |       |
| 0811                       | F | 0795 | 0802 | LWC 20         | 0.1.1      | 28/06/86                         | LEWA WLDLF CONS (B)                                                  | [1st GEN] Juniper                                                                                  |                                  | 2509          | 0.000 |
| 0813                       | F | 0795 | 0804 | LWC 22         | 2.0.1      | 09/03/88                         | LEWA WLDLF CONS (B)                                                  | [2nd GEN] Zaria                                                                                    |                                  | 2514          | 0.000 |
| 0814                       | F | WILD | WILD | LWC 23         | 1.0.1      | 01/07/88<br>31/10/88<br>01/02/89 | KNY NAKURU NP (WB)<br>SOLIO RANCH KNY (TF)<br>LEWA WLDLF CONS (TF)   | [0 GEN]<br>Mawingo                                                                                 | none                             | 507           | 0.000 |
|                            |   |      |      |                |            |                                  |                                                                      | Mawingo                                                                                            | (2 ms on arrival at LWC)         |               |       |
| 0815                       | F | 0800 | 0804 | LWC 24         | 0.1.0      | 23/08/91                         | LEWA WLDLF CONS (B)                                                  | [2nd GEN] Sonia                                                                                    |                                  | 2515          | 0.000 |
| 0816                       | F | 0800 | 0803 | LWC 25         | 0.0.1      | 01/12/91                         | LEWA WLDLF CONS (B)                                                  | [1st GEN] Nyota                                                                                    |                                  | 2517          | 0.000 |
| 0819                       | M | UNKN | UNKN | LWC 28         | 0.0.1      | 19/06/87<br>23/09/93             | OL-JOSI RCH KNY (B)<br>LEWA WLDLF CONS (TF)                          | [1st?GEN] Amuri                                                                                    | none                             | 3508          |       |
|                            |   |      |      |                |            |                                  |                                                                      | Sire Ol-Jogi<br>Dam Mara Kali<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant) |                                  |               |       |
| 0821                       | M | UNKN | UNKN | LWC 30         | 0.0.0      | 04/05/85<br>23/09/93             | OL-JOSI RCH KNY (B)<br>LEWA WLDLF CONS (TF)                          | [1st?GEN] Ibong                                                                                    | none                             | 3507          |       |
|                            |   |      |      |                |            |                                  |                                                                      | Sire Ol-Jogi<br>Dam Mara Kali<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant) |                                  |               |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - AFRICA

| STUD #                 | SEX | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS | GENERATION/HOUSE NAME                                                                                         | ARKS/LOCAL ID        | FCOEF |
|------------------------|-----|------|------|----------------|------------|----------------------------------|---------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------|----------------------|-------|
| <b>East Africa</b>     |     |      |      |                |            |                                  |                                                                     |       |                                                                                                               |                      |       |
| <b>Kenya</b>           |     |      |      |                |            |                                  |                                                                     |       |                                                                                                               |                      |       |
| <b>LEWA WLDLF CONS</b> |     |      |      |                |            |                                  |                                                                     |       |                                                                                                               |                      |       |
| 0835                   | M   | UNKN | UNKN | LVC 31         | 0.1.0      | 11/10/83<br>23/09/93             | OL-JOGI RCH KNY (B)<br>LEWA WLDLF CONS (TF)                         |       | [1st?GEN] Jamesi JAMES<br>Sire Ol-Jogi Dan Mama Kali at Ol-Jogi Rch (not registered since no STB participant) | none<br>2506         |       |
| 0824                   | M   | UNKN | UNKN | LVC 34         | 2.1.1      | 01/01/84<br>01/01/88<br>02/02/94 | SOLIO RANCH KNY (B)<br>OL-JOGI RCH KNY (TF)<br>LEWA WLDLF CONS (TF) |       | [1st?GEN] Melita Helita<br>Melita                                                                             | none<br>none<br>2524 |       |
| 0825                   | F   | UNKN | UNKN | LVC 35         | 0.1.0      | 01/01/90<br>02/02/94             | SOLIO RANCH KNY (B)<br>LEWA WLDLF CONS (TF)                         |       | [1st?GEN] Ndito Ndito                                                                                         | none<br>2523         |       |
| 0827                   | M   | UNKN | UNKN | LVC 37         | 0.0.1      | 01/01/89<br>01/01/91<br>22/03/94 | SOLIO RANCH KNY (B)<br>OL-JOGI RCH KNY (TF)<br>LEWA WLDLF CONS (TF) |       | [1st?GEN] Mutane Mutane<br>Mutane                                                                             | none<br>none<br>2525 |       |
| 0829                   | F   | 0800 | 0804 | LVC 39         | 0.0.0      | 04/06/95                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Vaiwai                                                                                              | 2526                 | 0.000 |
| 0830                   | M   | 0800 | 0803 | LVC 40         | 0.0.0      | 09/10/95                         | LEWA WLDLF CONS (B)                                                 |       | [1st GEN] Stella                                                                                              | 2529                 | 0.000 |
| 0831                   | F   | 0801 | 0811 | LVC 41         | 0.0.0      | 25/01/96                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Melusya                                                                                             | 2530                 | 0.000 |
| 0832                   | M   | 0824 | 0813 | LVC 42         | 0.0.0      | 04/06/96                         | LEWA WLDLF CONS (B)                                                 |       | [3rd GEN] Lucky                                                                                               | 2531                 | 0.000 |
| 0836                   | F   | 0800 | 0804 | LVC 45         | 0.0.0      | 26/06/98                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Solio's Calf5                                                                                       | 2536                 | 0.000 |
| 0837                   | F   | 0800 | 0803 | LVC 46         | 0.0.0      | 16/07/98                         | LEWA WLDLF CONS (B)                                                 |       | [1st GEN] Stumpy's Calf4                                                                                      | 2533                 | 0.000 |
| 0838                   | F   | 0824 | 0815 | LVC 47         | 0.0.0      | 10/03/98                         | LEWA WLDLF CONS (B)                                                 |       | [3rd GEN] Samia                                                                                               | 2534                 | 0.000 |
| 0839                   | M   | 0824 | 0813 | LVC 48         | 0.0.0      | 15/05/98                         | LEWA WLDLF CONS (B)                                                 |       | [3rd GEN] Zaria's Calf2                                                                                       | 2535                 | 0.000 |
| 0840                   | U   | 0819 | 0811 | LVC 49         | 0.0.0      | 23/04/99                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Juniper's Calf2                                                                                     | 2537                 | 0.000 |
| 0841                   | F   | 0835 | 0825 | LVC 50         | 0.0.0      | 26/04/99                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Ndito's Calf1                                                                                       | 2538                 | 0.000 |
| 0842                   | U   | 0827 | 0816 | LVC 51         | 0.0.0      | 23/09/99                         | LEWA WLDLF CONS (B)                                                 |       | [2nd GEN] Nyota's Calf1                                                                                       | 2539                 | 0.000 |
| 0843                   | M   | 0800 | 0814 | LVC 52         | 0.0.0      | 24/10/99                         | LEWA WLDLF CONS (B)                                                 |       | [1st GEN] Omni (HR by J. Craig)                                                                               | 2540                 | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| C  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - AFRICA

| STUD<br># | S | SIRE | DAM | BREEDER<br>NAME/# | OFF-<br>SPRING | DATE OF<br>BIRTH/<br>ARRIVAL | LOCATION OF<br>BIRTH/<br>TRANSFER | TERMS | GENERATION/<br>HOUSE NAME | AKRS/<br>LOCAL<br>ID | FCOEF |
|-----------|---|------|-----|-------------------|----------------|------------------------------|-----------------------------------|-------|---------------------------|----------------------|-------|
|-----------|---|------|-----|-------------------|----------------|------------------------------|-----------------------------------|-------|---------------------------|----------------------|-------|

East Africa

Kenya

LEWA WLDLF CONS

0850 U 0824 0813 LVC 53 0.0.0 03/10/00 LEWA WLDLF CONS (B) [3rd GEN] Zaria's Calf3 2541 0.000

0851 U 0800 0803 LVC 54 0.0.0 10/10/00 LEWA WLDLF CONS (B) [1st GEN] Stumpy's Calf5 2542 0.000

0852 F 0800 0804 LVC 55 0.0.0 07/11/00 LEWA WLDLF CONS (B) [2nd GEN] Nasha 2543 0.000

LWC: NEW studbook participant since 11.2000!

Status of 12.2000

South Africa

BROOKER GM TRD ( 0. 1. 0 )

0242 F 0035 0037 NAP 03 0.0.0 14/12/75 NAPLES ZOO (B) [1st GEN] Cicciz none 0.000  
02/11/78 FASANO ZOOSAF (P) Cicciz none  
02/05/78 BRINK SOEST NL (TF) (shipper)  
07/05/78 SAO LEOPOLDO PK (P) Cicciz none  
09/01/91 BROOKER GM TRD (TD) (Glen Afr Fm) BAXHIMA none

BRO: Status of 03.1998:

no response to status inquiries

NATIONAL PKS BD ( 1. 0. 0 )

0448 M 0018 0194 PTL 08 0.0.0 20/11/91 PORT LYMPNE (B) [1st GEN] Swana Kidogo PS1052 0.000  
13/08/95 NATIONAL PKS BD (L) Swana Kidogo (\*)

PTL: Status of 01.2001

West Africa

Nigeria

MAIDUG KYARIMI ( 0. 2. 0 )

0229 F WILD WILD MDG 02 0.1.0 11/02/69 KNY EAST AFRICA (WB) [0 GEN] 0.000  
07/02/75 IAE MANYUKI KNY (P) (cpt by Hunt)  
11/02/75 MAIDUG KYARIMI (P) Amina none  
(6.0 ys on arrival)

0230 F 0225 0229 MDG 03 0.0.0 07/08/76 MAIDUG KYARIMI (B) [1st GEN] Eve-HALWE none 0.000

MDG: Status of 01.1978

Report Rookmaker: alive 1994!

MDG: no response to numerous status inquiries

Total African population 33 ( 11. 18. 4 ) Individuals

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TO | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**KEY FOR TERMS:**

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - ASIA

| STUD #                            | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                        | TERMS | GENERATION/HOUSE NAME                                      | AKIS/LOCAL ID                      | FCOEF |
|-----------------------------------|---|------|------|----------------|------------|----------------------------------------------|-----------------------------------------------------------------------------------|-------|------------------------------------------------------------|------------------------------------|-------|
| <b>Japan</b>                      |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| <b>HIR ASA ZOOL PK</b>            |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| 0443                              | M | 0074 | 0213 | SFO 13         | 1.0.0      | 30/07/91<br>01/03/94<br>10/09/98<br>15/03/99 | SAN FRANCISCO (B)<br>HONOLULU ZOO (L)<br>HONOLULU ZOO (P)<br>HIR ASA ZOOL PK (TD) |       | [1st GEN] Hailstone<br>Hailstone<br>Hailstone<br>Hailstone | 191030<br>940035<br>940035<br>none | 0.000 |
| 0731                              | F | 0182 | 0492 | HIR 15         | 0.0.0      | 02/08/99                                     | HIR ASA ZOOL PK (B)                                                               |       | [2nd GEN] Honey                                            | none                               | 0.250 |
| 0885                              | M | 0443 | 0492 | HIR 18         | 0.0.0      | 18/08/01                                     | HIR ASA ZOOL PK (B)                                                               |       | [2nd GEN] Crag                                             | none                               | 0.000 |
| <b>HITACHI KAMINE ( 1. 2. 0)</b>  |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| 0434                              | F | 0323 | 0185 | HIT 08         | 1.1.0      | 08/08/90                                     | HITACHI KAMINE (B)                                                                |       | [1st GEN] Maki                                             | none                               | 0.000 |
| 0472                              | M | 0259 | 0202 | HIA 08         | 1.1.0      | 10/11/90<br>17/08/93<br>20/08/93             | MIAMI METROZOO (B)<br>IAE PT CLINTON (P)<br>HITACHI KAMINE (P)                    |       | [2nd GEN] Tonka<br>Tonka<br>METRO                          | M01342<br>42035<br>none            | 0.000 |
| 0712                              | F | 0472 | 0434 | HIT 09         | 0.0.0      | 21/05/98                                     | HITACHI KAMINE (B)                                                                |       | [3rd GEN] May                                              | none                               | 0.000 |
| <b>NAGOYA HIGASHIY ( 1. 1. 0)</b> |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| 0374                              | F | 0182 | 0181 | HIR 10         | 1.1.0      | 10/09/86<br>27/10/95                         | HIR ASA ZOOL PK (B)<br>NAGOYA HIGASHIY (L)                                        |       | [1st GEN] Ai<br>Ai                                         | none<br>none                       | 0.000 |
| 0593                              | M | 0182 | 0374 | NGO 11         | 0.0.0      | 24/01/95                                     | NAGOYA HIGASHIY (B)                                                               |       | [2nd GEN] Kyiru                                            | none                               | 0.250 |
| <b>OSAKA TENNOJI ( 2. 2. 0)</b>   |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| 0183                              | F | 0184 | 0185 | OSA 06         | 3.3.0      | 01/02/72                                     | OSAKA TENNOJI (B)                                                                 |       | [1st GEN] 06-Satchan                                       | 394                                | 0.000 |
| 0346                              | M | 0192 | 0181 | HIR 07         | 2.3.0      | 30/10/82<br>18/09/89                         | HIR ASA ZOOL PK (B)<br>OSAKA TENNOJI (TD)                                         |       | [1st GEN] Tommy<br>09-Tommy                                | none<br>397                        | 0.000 |
| 0750                              | M | 0346 | 0183 | OSA 11         | 0.0.0      | 11/11/99                                     | OSAKA TENNOJI (B)                                                                 |       | [2nd GEN] Sunny                                            | 401                                | 0.000 |
| 0887                              | F | 0346 | 0183 | OSA 12         | 0.0.0      | 05/09/01                                     | OSAKA TENNOJI (B)                                                                 |       | [2nd GEN]                                                  | unk                                | 0.000 |
| <b>TKY UENO ZOO ( 1. 1. 0)</b>    |   |      |      |                |            |                                              |                                                                                   |       |                                                            |                                    |       |
| 0551                              | F | 0420 | 0421 | KAN 01         | 0.0.0      | 30/10/95<br>08/03/99                         | YOK KANAZAWA Z (B)<br>TKY UENO ZOO (L)                                            |       | [2nd GEN] Argo<br>Argo                                     | none<br>924084                     | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - ASIA

| STUD #                            | SEX | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER               | TERMS      | GENERATION/HOUSE NAME  | ARKS/LOCAL ID | FCOEF |
|-----------------------------------|-----|------|------|----------------|------------|-----------------------|------------------------------------------|------------|------------------------|---------------|-------|
| <b>Japan</b>                      |     |      |      |                |            |                       |                                          |            |                        |               |       |
| <b>TKY UENO ZOO</b>               |     |      |      |                |            |                       |                                          |            |                        |               |       |
| 0776                              | M   | 0472 | 0434 | HIT 10         | 0.0.0      | 17/02/60<br>18/06/01  | HITACHI KAMINE (B)<br>TKY UENO ZOO (L)   | (B)<br>(L) | [3rd GEN] Maro<br>Maro | none<br>unk   | 0.000 |
| <b>YOK KANAZAWA Z ( 1. 3. 0 )</b> |     |      |      |                |            |                       |                                          |            |                        |               |       |
| 0421                              | F   | 0323 | 0185 | HIT 07         | 0.3.0      | 21/08/68<br>08/01/91  | HITACHI KAMINE (B)<br>YOK KANAZAWA Z (P) | (B)<br>(P) | [1st GEN] Lora<br>Lora | none<br>none  | 0.000 |
| 0420                              | M   | 0182 | 0181 | HIR 11         | 0.3.0      | 24/07/88<br>09/10/92  | HIR ASA ZOO PR (B)<br>YOK KANAZAWA Z (P) | (B)<br>(P) | [1st GEN] Ron<br>Ron   | none<br>none  | 0.000 |
| 0711                              | F   | 0420 | 0421 | KAN 02         | 0.0.0      | 28/01/98              | YOK KANAZAWA Z (B)                       | (B)        | [2nd GEN] Bibi         | none          | 0.000 |
| 0660                              | F   | 0420 | 0421 | KAN 03         | 0.0.0      | 26/03/00              | YOK KANAZAWA Z (B)                       | (B)        | [2nd GEN] Coc          | none          | 0.000 |
| Japan: Status of 09.2001          |     |      |      |                |            |                       |                                          |            |                        |               |       |

Total Asian population 27 ( 11. 16. 0 ) Individuals

WORLD LIVING POPULATION by CONTINENTS - AUSTRALASIA

**Australia**

|                                    |   |      |      |        |       |                                  |                                                                |                   |                                               |                            |       |
|------------------------------------|---|------|------|--------|-------|----------------------------------|----------------------------------------------------------------|-------------------|-----------------------------------------------|----------------------------|-------|
| <b>DUBBO WESTERN P ( 1. 0. 0 )</b> |   |      |      |        |       |                                  |                                                                |                   |                                               |                            |       |
| 0302                               | M | 0247 | 0180 | CVS 12 | 1.0.0 | 07/08/60<br>28/09/81<br>29/11/94 | CINCINNATI ZOO (B)<br>SAN DIEGO YAP (L)<br>DUBBO WESTERN P (L) | (B)<br>(L)<br>(L) | [2nd GEN] Mwaniki-DUBBO<br>Mwaniki<br>Mwaniki | M14019<br>681515<br>940168 | 0.000 |
| DUB: Status of 07.2001             |   |      |      |        |       |                                  |                                                                |                   |                                               |                            |       |

Total Australasian population 1 ( 1. 0. 0 ) Individual

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - EUROPE

| STUD #                  | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                             | TERMS | GENERATION/HOUSE NAME                             | ARKS/LOCAL ID | FCDEF |
|-------------------------|---|------|------|----------------|------------|----------------------------------------------|----------------------------------------------------------------------------------------|-------|---------------------------------------------------|---------------|-------|
| <b>Czech Republic</b>   |   |      |      |                |            |                                              |                                                                                        |       |                                                   |               |       |
| DVUR KRALOVE ( 4.10. 0) |   |      |      |                |            |                                              |                                                                                        |       |                                                   |               |       |
| 0175                    | F | WILD | WILD | DVU 07         | 3.3.0      | 22/02/70<br>22/08/71                         | KNY NR TSAVO NP (WB)<br>DVUR KRALOVE (P)                                               |       | [0 GEN]<br>Jimm<br>(1.6 ys on arrival)            | 058008        | 0.000 |
| 0282                    | F | 0170 | 0217 | DVU 15         | 2.4.0      | 05/07/78                                     | DVUR KRALOVE (B)                                                                       |       | [1st GEN] Sali                                    | 058015        | 0.000 |
| 0288                    | M | 0247 | 0180 | CVG 10         | 4.4.0      | 03/11/77<br>13/11/78<br>15/11/78<br>17/11/78 | CINCINNATI ZOO (B)<br>ZEEHANDELAAR NY (TF)<br>RUHE BRUNKENSEN (TF)<br>DVUR KRALOVE (P) |       | [2nd GEN] Butba<br>(shipper)<br>(shipper)<br>ISIS | M14010        | 0.000 |
| 0283                    | M | 0172 | 0175 | DVU 16         | 1.5.0      | 18/03/79                                     | DVUR KRALOVE (B)                                                                       |       | [1st GEN] Jimm                                    | 058017        | 0.000 |
| 0387                    | F | 0268 | 0175 | DVU 18         | 2.2.0      | 08/12/84                                     | DVUR KRALOVE (B)                                                                       |       | [3rd GEN] Jessi                                   | 058019        | 0.000 |
| 0431                    | F | 0268 | 0244 | DVU 22         | 0.1.0      | 24/08/90                                     | DVUR KRALOVE (B)                                                                       |       | [3rd GEN] Eimy                                    | 058023        | 0.000 |
| 0540                    | F | 0277 | 0387 | DVU 29         | 0.0.0      | 11/04/94                                     | DVUR KRALOVE (B)                                                                       |       | [4th GEN] Jiddah                                  | 058033        | 0.000 |
| 0541                    | M | 0260 | 0282 | DVU 30         | 0.0.0      | 26/10/94                                     | DVUR KRALOVE (B)                                                                       |       | [3rd GEN] Sauron                                  | 058032        | 0.000 |
| 0613                    | F | 0260 | 0431 | DVU 32         | 0.0.0      | 05/09/96                                     | DVUR KRALOVE (B)                                                                       |       | [4th GEN] Elba                                    | 058036        | 0.000 |
| 0678                    | F | 0283 | 0282 | DVU 33         | 0.0.0      | 20/08/97                                     | DVUR KRALOVE (B)                                                                       |       | [2nd GEN] Musso                                   | 058037        | 0.000 |
| 0685                    | F | 0277 | 0387 | DVU 34         | 0.0.0      | 25/10/97                                     | DVUR KRALOVE (B)                                                                       |       | [4th GEN] Jola                                    | 058038        | 0.000 |
| 0689                    | F | 0268 | 0175 | DVU 35         | 0.0.0      | 24/01/98                                     | DVUR KRALOVE (B)                                                                       |       | [3rd GEN] Jane Lee                                | 058039        | 0.000 |
| 0762                    | F | 0283 | 0282 | DVU 36         | 0.0.0      | 25/01/00                                     | DVUR KRALOVE (B)                                                                       |       | [2nd GEN] Salone                                  | 058040        | 0.000 |
| 0857                    | M | 0283 | 0387 | DVU 37         | 0.0.0      | 21/12/00                                     | DVUR KRALOVE (B)                                                                       |       | [4th GEN] Jeremy                                  | 058041        | 0.000 |
| DVU: Status of 01.2001  |   |      |      |                |            |                                              |                                                                                        |       |                                                   |               |       |

**Estonia**

|                        |   |      |      |        |       |                                                                                  |                                                                                                                                             |  |                                                                     |                                              |       |
|------------------------|---|------|------|--------|-------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------|----------------------------------------------|-------|
| TALLINN ZOO ( 1. 0. 0) |   |      |      |        |       |                                                                                  |                                                                                                                                             |  |                                                                     |                                              |       |
| 0171                   | M | WILD | WILD | DVU 03 | 1.0.0 | 22/08/69<br>22/08/71<br>11/02/76<br>22/10/80<br>22/04/83<br>23/04/83<br>12/09/88 | KNY NR TSAVO NP (WB)<br>DVUR KRALOVE (P)<br>WROCLAW ZOO (P)<br>DVUR KRALOVE (P)<br>BRINK SOEST NL (TF)<br>ZURICH ZOO (P)<br>TALLINN ZOO (L) |  | [0 GEN]<br>Murray<br>KEN<br>Murray<br>(shipper)<br>Murray<br>Murray | 058004<br>200140<br>058004<br>830016<br>9258 | 0.000 |
|                        |   |      |      |        |       |                                                                                  |                                                                                                                                             |  |                                                                     | <2.0 ys on arrival at DVU>                   |       |

TAL: Status of 02.2001

**KEY FOR TERMS:**

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - EUROPE

| STUD #                         | S | BIRE | DAN  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                            | TERMS               | GENERATION/HOUSE NAME                                                                        | ARKS/LOCAL ID              | FCOEF |
|--------------------------------|---|------|------|----------------|------------|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------|----------------------------|-------|
| <b>Germany</b>                 |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| <b>BERLIN ZOO</b> ( 1. 5. 0)   |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| 0220                           | F | WILD | WILD | DEM 03         | 0.5.0      | 01/01/74<br>28/11/74<br>01/12/74<br>19/10/75 | KNY TANA RY REG (WB)<br>DENNER NAIROBI (P)<br>DEL GARDIA ZOOPC (TF)<br>BERLIN ZOO (P) |                     | [0 GEN]<br><Langata Pk> no name<br><Denner> no name<br>Kilaguni<br><11 ms on arrival at DEM> | none<br>none<br>750016     | 0.000 |
| 0240                           | F | WILD | WILD | DEM 07         | 3.3.0      | 26/03/73<br>28/03/75<br>01/08/75<br>05/05/77 | KNY TANA RY REG (WB)<br>DENNER NAIROBI (P)<br>DEL GARDIA ZOOPC (TF)<br>BERLIN ZOO (P) |                     | [0 GEN]<br><Langata Pk> no name<br><Denner> no name<br>Mzima<br><2.3 ys on arrival at DEM>   | none<br>none<br>770025     | 0.000 |
| 0366                           | F | 0219 | 0220 | BE 06          | 0.1.0      | 06/10/86                                     | BERLIN ZOO (B)                                                                        |                     | [1st GEN] Ine                                                                                | 860038                     | 0.000 |
| 0428                           | F | 0166 | 0298 | BE 09          | 0.0.0      | 12/10/90                                     | BERLIN ZOO (B)                                                                        |                     | [2nd GEN] Sita                                                                               | 900044                     | 0.000 |
| 0545                           | F | 0347 | 0366 | BE 13          | 0.0.0      | 14/06/95                                     | BERLIN ZOO (B)                                                                        |                     | [2nd GEN] Kumi                                                                               | 950208                     | 0.125 |
| 0450                           | M | 0268 | 0175 | DYU 24         | 1.3.0      | 13/09/91<br>06/10/93<br>05/11/99             | DYUR KRALOVE<br>LEIPZIG ZOO<br>BERLIN ZOO (L)                                         | (B)<br>(TD)<br>(L)  | [3rd GEN] Jasper<br>Jasper<br>Jasper                                                         | 058025<br>M01312<br>990324 | 0.000 |
| BE: current                    |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| <b>COLOGNE ZOO</b> ( 1. 1. 0)  |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| 0532                           | F | 0347 | 0220 | BE 12          | 0.0.0      | 20/05/94<br>02/06/97                         | BERLIN ZOO<br>COLOGNE ZOO (L)                                                         | (B)<br>(L)          | [2nd GEN] Tisa<br>Tisa                                                                       | 940061<br>2250             | 0.000 |
| 0533                           | M | 0349 | 0417 | HAN 07         | 0.0.0      | 06/02/95<br>06/02/95<br>10/06/97             | HANOVER ZOO<br>ZURICH ZOO<br>COLOGNE ZOO (L)                                          | (BL)<br>(LO)<br>(L) | [4th GEN] Taco<br>Taco<br>Taco                                                               | 1V220<br>950008<br>2251    | 0.000 |
| CLG: Status of 03.2001         |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| <b>DORTMUND ZOO</b> ( 1. 1. 0) |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |
| 0454                           | F | 0252 | 0150 | ZRH 10         | 1.1.0      | 15/03/92<br>15/03/92<br>23/08/94             | ZURICH ZOO<br>FRANKFURT/M ZOO<br>DORTMUND ZOO (L)                                     | (BL)<br>(LO)<br>(L) | [2nd GEN] Siwa<br>Siwa<br>Siwa                                                               | 920017<br>34393<br>081003  | 0.000 |
| 0528                           | M | 0252 | 0217 | ZRH 11         | 1.1.0      | 01/07/94<br>27/11/96                         | ZURICH ZOO<br>DORTMUND ZOO (L)                                                        | (B)<br>(L)          | [2nd GEN] Usino<br>Usino                                                                     | 940006<br>081004           | 0.000 |
| DTM: Status of 03.2001         |   |      |      |                |            |                                              |                                                                                       |                     |                                                                                              |                            |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| C  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| BT | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - EUROPE

| STUD #                          | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                     | TERMS                          | GENERATION/HOUSE NAME                   | ARKS/LOCAL ID              | FCOEF |
|---------------------------------|---|------|------|----------------|------------|----------------------------------|----------------------------------------------------------------|--------------------------------|-----------------------------------------|----------------------------|-------|
| <b>Germany</b>                  |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| <b>HANOVER ZOO ( 1. 3. 0)</b>   |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| 0417                            | F | 0268 | 0282 | DVU 21         | 1.2.0      | 01/10/89<br>04/09/91             | DVUR KRALOVE<br>HANOVER ZOO                                    | (B)<br>(P)                     | [3rd GEN] Sany<br>Sany                  | 058022<br>1V205            | 0.000 |
| 0349                            | M | 0171 | 0150 | ZRH 07         | 1.2.0      | 21/10/84<br>27/07/87<br>27/09/91 | ZURICH ZOO<br>FRANKFURT/M ZOO<br>HANOVER ZOO                   | (B)<br>(L)<br>(L)              | [2nd GEN] Kifaru<br>Kifaru II<br>Kifaru | 840011<br>399<br>1V207     | 0.000 |
| 0675                            | F | 0349 | 0417 | HAN 08         | 0.0.0      | 04/09/97                         | HANOVER ZOO                                                    | (B)                            | [4th GEN] Sany                          | 1V230                      | 0.000 |
| 0861                            | F | 0349 | 0417 | HAN 09         | 0.0.0      | 03/03/01<br>03/03/01             | HANOVER ZOO<br>ZURICH ZOO                                      | (BL)<br>(LO)                   | [4th GEN] no name<br>no name            | 1V281<br>A10031            | 0.000 |
| HAN: Status of 03.2001          |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| <b>KREFELD ZOO ( 1. 1. 0)</b>   |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| 0437                            | F | 0166 | 0240 | BE 11          | 0.0.0      | 04/04/91<br>01/10/93<br>26/05/94 | BERLIN ZOO<br>DVUR KRALOVE<br>KREFELD ZOO                      | (B)<br>(L)<br>(P)              | [1st GEN] Hane<br>Hane<br>Hane          | 910035<br>058034<br>740    | 0.000 |
| 0435                            | M | 0386 | 0387 | DVU 23         | 0.0.0      | 23/06/91<br>24/05/94             | DVUR KRALOVE<br>KREFELD ZOO                                    | (B)<br>(P)                     | [4th GEN] Jacob<br>Jacob                | 058024<br>739              | 0.125 |
| KRE: Status of 02.2001          |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| <b>LEIPZIG ZOO ( 1. 3. 0)</b>   |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| 0436                            | F | 0156 | 0220 | BE 10          | 0.1.0      | 07/02/91<br>07/02/91<br>23/09/93 | BERLIN ZOO<br>LEIPZIG ZOO<br>LEIPZIG ZOO                       | (BL)<br>(LO)<br>(R)            | [1st GEN] Saba<br>Saba<br>Saba          | 910034<br>M00447<br>M00447 | 0.000 |
| 0743                            | F | 0450 | 0481 | LPZ 04         | 0.0.0      | 07/05/99                         | LEIPZIG ZOO                                                    | (B)                            | [4th GEN] Nandi                         | M02613                     | 0.063 |
| 0767                            | F | 0450 | 0436 | LPZ 05         | 0.0.0      | 10/01/00                         | LEIPZIG ZOO                                                    | (B)                            | [4th GEN] no name (HR)                  | M02731                     | 0.000 |
| 0610                            | M | 0009 | 0240 | BE 14          | 0.0.0      | 18/02/96<br>04/07/01             | BERLIN ZOO<br>LEIPZIG ZOO                                      | (B)<br>(L)                     | [1st GEN] Ndugu<br>Ndugu                | 950015<br>unk              | 0.000 |
| LPZ: Status of 07.2001          |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| <b>MAGDEBURG ZOO ( 1. 3. 0)</b> |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |
| 0153                            | F | WILD | WILD | MAG 02         | 1.1.0      | 30/08/88<br>22/06/70<br>30/08/70 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>MAGDEBURG ZOO (TD) | [0 GEN]<br>(importer)<br>Kenia |                                         |                            | 0.000 |
|                                 |   |      |      |                |            |                                  |                                                                |                                |                                         | 560002                     |       |
| (4.0 yrs on arrival)            |   |      |      |                |            |                                  |                                                                |                                |                                         |                            |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

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| STUD<br>#              | S | SIRE | DAM  | BREEDER<br>NAME/# | OFF-<br>SPRING | DATE OF<br>BIRTH/<br>ARRIVAL | LOCATION OF<br>BIRTH/<br>TRANSFER | TERMS       | GENERATION/<br>HOUSE NAME                | ARKS/<br>LOCAL<br>ID | FCOEF |
|------------------------|---|------|------|-------------------|----------------|------------------------------|-----------------------------------|-------------|------------------------------------------|----------------------|-------|
| <b>Germany</b>         |   |      |      |                   |                |                              |                                   |             |                                          |                      |       |
| MAGDEBURG ZOO          |   |      |      |                   |                |                              |                                   |             |                                          |                      |       |
| 0295                   | F | 0009 | 0153 | MAG 04            | 0.1.0          | 15/03/81                     | MAGDEBURG ZOO                     | (B)         | [1st GEN] Mana                           | 560004               | 0.000 |
| 0559                   | F | 0395 | 0295 | MAG 05            | 0.0.0          | 23/12/95                     | MAGDEBURG ZOO                     | (B)         | [4th GEN] Malaika                        | 550006               | 0.000 |
| 0653                   | M | WILD | WILD | MAG 06            | 0.0.0          | 26/03/92<br>25/09/96         | S AFR ADDO NP<br>MAGDEBURG ZOO    | (WB)<br>(P) | [0 GEN]<br>Madiba<br>(4.0 ys on arrival) | 560007               | 0.000 |
| MAG: Status of 01.2000 |   |      |      |                   |                |                              |                                   |             |                                          |                      |       |

|                                  |   |      |      |        |       |                                  |                                                               |  |                                                                 |  |       |
|----------------------------------|---|------|------|--------|-------|----------------------------------|---------------------------------------------------------------|--|-----------------------------------------------------------------|--|-------|
| <b>Italy</b>                     |   |      |      |        |       |                                  |                                                               |  |                                                                 |  |       |
| NAPLES ZOO (1. 1. 0)             |   |      |      |        |       |                                  |                                                               |  |                                                                 |  |       |
| 0037                             | F | WILD | WILD | NAP 03 | 0.4.0 | 05/01/59<br>06/09/60<br>06/10/80 | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)<br>NAPLES ZOO (P) |  | [0 GEN]<br>(exporter)<br>NAP 02-Caterina<br>(1.9 ys on arrival) |  | 0.000 |
| 0036                             | M | WILD | WILD | NAP 06 | 0.4.0 | 06/05/63<br>01/03/64<br>06/07/64 | KNY EAST AFRICA (WB)<br>KNY GM WRD DPT (TF)<br>NAPLES ZOO (D) |  | [0 GEN]<br>(dt of cpt)<br>NAP 01-Kebby<br>(1.2 ys on arrival)   |  | 0.000 |
| NAP: Status of 10.1999 (NON-ZEP) |   |      |      |        |       |                                  |                                                               |  |                                                                 |  |       |

|                        |   |      |      |        |       |                                                          |                                                                                              |     |                                                                    |                                          |       |
|------------------------|---|------|------|--------|-------|----------------------------------------------------------|----------------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------|------------------------------------------|-------|
| <b>Switzerland</b>     |   |      |      |        |       |                                                          |                                                                                              |     |                                                                    |                                          |       |
| ZURICH ZOO (1. 3. 0)   |   |      |      |        |       |                                                          |                                                                                              |     |                                                                    |                                          |       |
| 0150                   | F | 0031 | 0032 | ZRH 04 | 2.3.0 | 27/05/70                                                 | ZURICH ZOO                                                                                   | (B) | [1st GEN] Mtoto                                                    | 700001                                   | 0.000 |
| 0217                   | F | WILD | WILD | DVU 11 | 2.1.0 | 26/06/72<br>26/06/74<br>22/04/83<br>23/04/83             | KNY ISIOLO REG (WB)<br>DVUR KRALOVE (P)<br>BRINK SOEST NL (TF)<br>ZURICH ZOO (P)             |     | [0 GEN]<br>Sabi<br>(shipper)<br>Sabi<br>(2.0 ys on arrival at DVU) | 058011<br>830017                         | 0.000 |
| 0662                   | F | 0252 | 0150 | ZRH 12 | 0.0.0 | 03/07/96                                                 | ZURICH ZOO                                                                                   | (B) | [2nd GEN] Wanda                                                    | 960005                                   | 0.000 |
| 0318                   | M | 0022 | 0019 | WHI 09 | 2.3.0 | 04/10/82<br>02/05/84<br>14/10/94<br>16/09/96<br>02/10/96 | LOW-WHIPSWADE (B)<br>CHESTER ZOO (L)<br>PORT LYMPNE (L)<br>CHESTER ZOO (L)<br>ZURICH ZOO (L) |     | [2nd GEN] Parky<br>Parky<br>Parky<br>Parky<br>Parky                | none<br>1005<br>P94038<br>1005<br>980054 | 0.000 |
| ZRH: Status of 04.2001 |   |      |      |        |       |                                                          |                                                                                              |     |                                                                    |                                          |       |

KEY FOR TERMS:

|    |                 |       |                   |   |             |              |          |
|----|-----------------|-------|-------------------|---|-------------|--------------|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L | LOAN IN     | P            | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R | LOAN RETURN | TB           | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D | DONATION IN | TF           | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   |   | 1st?GEN     | PARENTS UNKN |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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| STUD #                     | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                           | TERMS                                                                        | GENERATION/HOUSE NAME | ARKS/LOCAL ID                     | FCOEF                     |
|----------------------------|---|------|------|----------------|------------|----------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----------------------|-----------------------------------|---------------------------|
| <b>United Kingdom</b>      |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| CHESTER ZOO ( 1. 4. 0)     |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| 0422                       | F | 0252 | 0150 | ZRH 08         | 0.1.0      | 07/03/89<br>07/03/89<br>13/11/92             | ZURICH ZOO (BL)<br>FRANKFURT/M ZOO (LO)<br>CHESTER ZOO (L)                           | [2nd GEN] Pangani<br>Pangani<br>Pangani                                      |                       | 890018<br>27707<br>24698          | 0.000                     |
| 0580                       | F | 0430 | 0422 | CHE 08         | 0.0.0      | 16/06/97<br>16/06/97                         | CHESTER ZOO (B)<br>FRANKFURT/M ZOO (LO)                                              | [3rd GEN] Kitani<br>Kitani                                                   |                       | 23455<br>38492                    | 0.125                     |
| 0453                       | M | 0018 | 0019 | PTL 07         | 0.0.0      | 18/10/90<br>18/10/90<br>22/10/93<br>22/07/98 | PORT LYMPNE (BL)<br>LON-REGENT'S PK (LO)<br>LON-WHIPPSNADE (D)<br>CHESTER ZOO (L)    | [1st GEN] Katakata<br>Katakata<br>Katakata<br>Katakata                       |                       | P90002<br>A1259<br>L2155<br>26044 | 0.000                     |
| 0696                       | F | 0430 | 0312 | CHE 03         | 0.0.0      | 15/06/98                                     | CHESTER ZOO (B)                                                                      | [3rd GEN] Manyara                                                            |                       | 25055                             | 0.000                     |
| 0384                       | F | 0018 | 0019 | LON 14         | 0.0.0      | 24/11/88<br>10/08/99                         | LON-REGENT'S PK (B)<br>CHESTER ZOO (D)                                               | [1st GEN] RP 8802-Rosie<br>Rosie                                             |                       | A798<br>M00116                    | 0.000                     |
| CHE: Status of 03.2001     |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| LON-REGENT'S PK ( 1. 0. 0) |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| 0391                       | M | 0268 | 0175 | DVU 20         | 0.0.0      | 21/05/89<br>21/11/90                         | DVUR KRALOVE (B)<br>LON-REGENT'S PK (P)                                              | [3rd GEN] Jos<br>Jos                                                         |                       | 058021<br>A1255                   | 0.000                     |
| LON: Status of 02.2001     |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| LON-WHIPPSNADE ( 1. 1. 0)  |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| 0451                       | F | 0318 | 0312 | CHE 05         | 0.0.0      | 27/02/91<br>28/10/93                         | CHESTER ZOO (B)<br>LON-WHIPPSNADE (L)                                                | [3rd GEN] Emma (HR)<br>Emma                                                  |                       | 2252<br>L2170                     | 0.000                     |
| 0430                       | M | 0252 | 0217 | ZRH 09         | 0.2.0      | 21/09/90<br>13/11/92<br>23/07/98             | ZURICH ZOO (B)<br>CHESTER ZOO (L)<br>LON-WHIPPSNADE (L)                              | [2nd GEN] Quinto<br>Quinto<br>Quinto                                         |                       | 900015<br>24509<br>L3149          | 0.000                     |
| WHI: Status of 01.2001     |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| PORT LYMPNE ( 7.12. 0)     |   |      |      |                |            |                                              |                                                                                      |                                                                              |                       |                                   |                           |
| 0194                       | F | WILD | WILD | BEK 01         | 4.2.0      | 26/05/70<br>20/06/71<br>26/07/71<br>26/01/73 | KNY EAST AFRICA (WB)<br>DEMME HAIROBI (P)<br>BEKESB HOWLETT'S (P)<br>PORT LYMPNE (D) | [0 GEN]<br><exporter><br>Naivasha<br>Naivasha<br><1.2 yrs on arrival at BEK> |                       |                                   | 0.000<br>H71003<br>P73001 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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|-----------------------|-----|------|------|----------------|------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------|-----------------------------------------------|-------------------------------|
| <b>United Kingdom</b> |     |      |      |                |            |                                                                      |                                                                                                                      |       |                                                                      |                                               |                               |
| <b>PORT LYMPNE</b>    |     |      |      |                |            |                                                                      |                                                                                                                      |       |                                                                      |                                               |                               |
| 0195                  | F   | WILD | WILD | BEK 02         | 2.4.0      | 20/11/70<br>15/09/71<br>20/10/71<br>26/01/73                         | KNY EAST AFRICA (WB)<br>DENNER NAIROBI (P)<br>BEKESS HOWLETTS (P)<br>PORT LYMPNE (D)                                 |       | [0 GEN]<br>(exporter)<br>Rukwa<br>Rukwa<br>(11 as on arrival at BEK) |                                               | 0.000<br><br>H71007<br>P73003 |
| 0341                  | M   | 0142 | 0195 | PTL 03         | 0.2.0      | 02/10/83<br>21/07/95<br>09/07/96                                     | PORT LYMPNE (B)<br>CHESTER ZOO (L)<br>PORT LYMPNE (R)                                                                |       | [3rd GEN] Kingo<br>Kingo<br>Kingo                                    | P83001<br>25165<br>P83001                     | 0.000                         |
| 0342                  | F   | 0142 | 0194 | PTL 04         | 0.1.0      | 11/11/83                                                             | PORT LYMPNE (B)                                                                                                      |       | [3rd GEN] Arusha                                                     | P83002                                        | 0.000                         |
| 0408                  | F   | 0018 | 0195 | PTL 05         | 2.0.0      | 30/10/89                                                             | PORT LYMPNE (B)                                                                                                      |       | [1st GEN] N'akuru                                                    | P89001                                        | 0.000                         |
| 0154                  | M   | 0024 | 0025 | CHE 03         | 0.0.0      | 22/02/71<br>27/03/73<br>01/07/81<br>05/08/87<br>16/11/87<br>17/01/90 | CHESTER ZOO (B)<br>PAIGTON ZOO (P)<br>CHESTER ZOO (L)<br>LOW-WHIPSHADE (L)<br>LOW-REGENT'S PK (L)<br>PORT LYMPNE (L) |       | [2nd GEN] Jaspa<br>Jaspa<br>Jaspa<br>Jaspa<br>Jaspa<br>Jaspa         | none<br>309<br>none<br>none<br>A513<br>P90001 | 0.000                         |
| 0483                  | M   | 0142 | 0195 | PTL 10         | 0.0.0      | 03/12/92                                                             | PORT LYMPNE (B)                                                                                                      |       | [3rd GEN] Baringo II                                                 | P92105                                        | 0.000                         |
| 0534                  | M   | WILD | WILD | PTL 11         | 3.3.0      | 02/11/75<br>20/07/94<br>28/10/94                                     | S AFR ADDC NP (WB)<br>NATIONAL PKS BD (TF)<br>PORT LYMPNE (L)                                                        |       | [0 GEN]<br>(dt of cpt)<br>Gareth Edwards<br>(18.11 ys on arrival)    |                                               | 0.000<br><br>(*)<br>P94039    |
| 0559                  | F   | WILD | WILD | PTL 13         | 0.1.0      | 07/08/91<br>02/05/95<br>06/08/95                                     | S AFR ADDC NP (WB)<br>NATIONAL PKS BD (TF)<br>PORT LYMPNE (L)                                                        |       | [0 GEN]<br>(dt of cpt est.)<br>Vuyu<br>(4.0 ys on arrival)           |                                               | 0.000<br><br>(*)<br>P95039    |
| 0455                  | F   | 0283 | 0244 | DYU 26         | 0.1.0      | 08/12/92<br>16/11/95                                                 | DYUR XRALCYE (B)<br>PORT LYMPNE (P)                                                                                  |       | [2nd GEN] Etna<br>Etna                                               | 058027<br>P95047                              | 0.000                         |
| 0659                  | M   | 0534 | 0408 | PTL 14         | 0.0.0      | 12/03/96                                                             | PORT LYMPNE (B)                                                                                                      |       | [2nd GEN] Mweru                                                      | P96037                                        | 0.000                         |
| 0663                  | F   | 0318 | 0195 | PTL 15         | 0.0.0      | 21/12/96                                                             | PORT LYMPNE (B)                                                                                                      |       | [3rd GEN] Ruaha                                                      | P96046                                        | 0.000                         |
| 0598                  | F   | 0534 | 0455 | PTL 17         | 0.0.0      | 05/09/98                                                             | PORT LYMPNE (B)                                                                                                      |       | [3rd GEN] Tana                                                       | P98058                                        | 0.000                         |
| 0165                  | F   | 0038 | 0037 | NAP 07         | 1.0.0      | 20/10/71<br>15/04/74<br>09/10/96                                     | NAPLES ZOO (B)<br>ROME BIOPIRGO (P)<br>PORT LYMPNE (L)                                                               |       | [1st GEN] Claire<br>LUCIA<br>Lucia                                   | none<br>19<br>P98066                          | 0.000                         |

KEY FOR TERMS:

|    |                 |      |                   |         |              |    |          |
|----|-----------------|------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL   | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO   | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |      |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | %GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - EUROPE

| STUD #                 | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER  | TERMS      | GENERATION/HOUSE NAME  | ARKS/LOCAL ID    | FCOE  |
|------------------------|---|------|------|----------------|------------|-----------------------|-----------------------------|------------|------------------------|------------------|-------|
| <b>United Kingdom</b>  |   |      |      |                |            |                       |                             |            |                        |                  |       |
| PORT LYMPNE            |   |      |      |                |            |                       |                             |            |                        |                  |       |
| 0710                   | F | 0341 | 0558 | PTL 18         | 0.0.0      | 09/12/98              | PORT LYMPNE                 | (B)        | [4th GEN] Kivu         | P98083           | 0.000 |
| 0714                   | M | 0534 | 0194 | PTL 19         | 0.0.0      | 09/02/99              | PORT LYMPNE                 | (B)        | [1st GEN] Magadi       | P99015           | 0.000 |
| 0754                   | F | 0534 | 0342 | PTL 20         | 0.0.0      | 21/05/99              | PORT LYMPNE                 | (B)        | [4th GEN] Rufifi       | P99052           | 0.000 |
| 0755                   | M | 0534 | 0408 | PTL 21         | 0.0.0      | 29/10/99              | PORT LYMPNE                 | (B)        | [2nd GEN] Zambezi      | P99082           | 0.000 |
| 0455                   | F | 0283 | 0178 | DVU 27         | 0.0.0      | 14/12/92<br>13/11/99  | DVUR KRALOVE<br>PORT LYMPNE | (B)<br>(P) | [2nd GEN] Jaga<br>Jaga | 058028<br>P99090 | 0.000 |
| PTL: Status of 01.2001 |   |      |      |                |            |                       |                             |            |                        |                  |       |

Total European population 72 ( 24. 48. 0 ) Individuals

Total EEP population 70 ( 23. 47. 0 ) Individuals

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

USA

ATLANTA ZOO ( 1. 1. 0 )

|      |   |      |      |        |       |                                  |                                                       |                    |                                                       |                  |       |
|------|---|------|------|--------|-------|----------------------------------|-------------------------------------------------------|--------------------|-------------------------------------------------------|------------------|-------|
| 0369 | M | 0268 | 0282 | DVU 19 | 0.0.0 | 26/08/85<br>13/10/89<br>18/10/89 | DVUR KRALOVE<br>ZEEHANDELAAR NY (TF)<br>ATLANTA ZOO   | (B)<br>(TF)<br>(P) | [3rd GEN] Sado<br>(shipper)<br>BONA                   | 056020<br>891043 | 0.000 |
| 0425 | F | 0074 | 0213 | SFO 12 | 0.0.0 | 08/01/90<br>20/11/90<br>23/11/90 | SAN FRANCISCO<br>NORTHML WOLF USA (TF)<br>ATLANTA ZOO | (B)<br>(TF)<br>(L) | [1st GEN] Rosetta Stone<br>(shipper)<br>Rosetta Stone | 190003<br>901030 | 0.000 |

ATL: Status of 07.2001

CHICAGO BROOKFD ( 2. 3. 0 )

|      |   |      |      |        |       |                      |                                   |            |                            |                  |       |
|------|---|------|------|--------|-------|----------------------|-----------------------------------|------------|----------------------------|------------------|-------|
| 0365 | F | 0271 | 0235 | CHI 12 | 1.1.0 | 18/01/85             | CHICAGO BROOKFD                   | (B)        | [3rd GEN] Shima            | 850005           | 0.000 |
| 0383 | M | 0247 | 0180 | CVG 15 | 1.1.0 | 14/12/85<br>23/03/87 | CINCINNATI ZOO<br>CHICAGO BROOKFD | (B)<br>(L) | [2nd GEN] Kabisa<br>Kabisa | M14045<br>870051 | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                            | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                                                                | TERMS | GENERATION/HOUSE NAME                                                                                                                                                 | ARKS/LOCAL ID                       | FCDEF |
|-----------------------------------|---|------|------|----------------|------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------|
| <b>USA</b>                        |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| <b>CHICAGO BROOKFD</b>            |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| 0427                              | M | 0292 | 0239 | SDW 05         | 0.0.0      | 25/02/90<br>17/05/94                                                             | SAN DIEGO VAP (B)<br>CHICAGO BROOKFD (L)                                                                                                                  |       | [3rd GEN] Nakili<br>Nakili                                                                                                                                            | 690073<br>940123                    | 0.000 |
| 0705                              | F | 0363 | 0365 | CHI 18         | 0.0.0      | 15/05/93<br>15/05/98                                                             | CHICAGO BROOKFD (BL)<br>CINCINNATI ZOO (LO)                                                                                                               |       | [4th GEN] Kizuri<br>Kizuri                                                                                                                                            | 980091<br>198136                    | 0.000 |
| 0517                              | F | 0056 | 0207 | CVG 13         | 1.0.0      | 23/09/82<br>12/06/84<br>28/11/00                                                 | CINCINNATI ZOO (B)<br>CHICAGO LINCOLN (L)<br>CHICAGO BROOKFD (L)                                                                                          |       | [1st GEN] Naivasha<br>Naivasha<br>Naivasha                                                                                                                            | M14026<br>7421<br>388               | 0.000 |
| CHI: Status of 03.2001            |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| <b>CINCINNATI ZOO ( 2. 1. 0)</b>  |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| 0247                              | M | WILD | WILD | CVG 07-2       | 7.1.0      | 13/10/70<br>23/11/70<br>21/11/70<br>02/12/70<br>02/12/70<br>07/06/72<br>13/07/72 | KNY EAST AFRICA (WB)<br>CAFF-HARTL NAIK (TF)<br>DEMNER NAIROBI (TF)<br>RUHE HANOVER (P)<br>HANOVER ZOO (TF)<br>ZEEHANDELAAR NY (P)<br>CINCINNATI ZOO (TD) |       | [0 GEN]<br>(cpt for Ruhe)<br>(Langata Ph) DEM 01<br>(importer)<br>(in for HR)<br><br>Ralph-ENBU<br>(1.8 ys on arrival at ZHDL)<br>(source Ruhe:<br>age/transfer data) | 0.000<br><br><br><br><br><br>M14006 |       |
| 0225                              | F | WILD | WILD | TAM 02         | 5.3.0      | 24/07/68<br>01/01/70<br>24/07/71<br>16/08/90                                     | KNY EAST AFRICA (WB)<br>OKAHANDJA ZOOPK (P)<br>TAMPA BUSCH GD (P)<br>CINCINNATI ZOO (L)                                                                   |       | [0 GEN]<br>(Schulz) (dt of cpt)<br>Julie<br>Julie<br>(3.0 ys on arrival at TAM)                                                                                       | 0.000<br><br><br>15315<br>190159    |       |
| 0745                              | M | 0247 | 0225 | CVG 20         | 0.0.0      | 17/10/99                                                                         | CINCINNATI ZOO (B)                                                                                                                                        |       | [1st GEN] Eddie                                                                                                                                                       | 199149                              | 0.000 |
| CVG: Status of 02.2001            |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| <b>CLEVELAND METRO ( 1. 2. 0)</b> |   |      |      |                |            |                                                                                  |                                                                                                                                                           |       |                                                                                                                                                                       |                                     |       |
| 0457                              | M | 0247 | 0225 | CVG 18         | 0.1.0      | 05/08/92<br>05/08/92<br>05/08/92<br>19/08/94                                     | CINCINNATI ZOO (B)<br>TAMPA BUSCH GD (L)<br>CINCINNATI ZOO (D)<br>CLEVELAND METRO (L)                                                                     |       | [1st GEN] Spike<br>Spike<br>Spike<br>ADJMU                                                                                                                            | 192160<br>56178<br>192160<br>940846 | 0.000 |
| 0563                              | F | WILD | WILD | CLE 03         | 0.1.0      | 02/07/93<br>25/03/97<br>02/07/97                                                 | S AFR ADDG WP (WB)<br>NATIONAL PKS BD (TF)<br>CLEVELAND METRO (L)                                                                                         |       | [0 GEN]<br>(dt of cpt)<br>Inge<br>(4.0 ys on arrival)                                                                                                                 | 0.000<br><br>(*)<br>970703          |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                            | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                | TERMS | GENERATION/HOUSE NAME                                           | AKMS/LOCAL ID                                  | FCDEF |
|-----------------------------------|---|------|------|----------------|------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------------|------------------------------------------------|-------|
| <b>USA</b>                        |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| <b>CLEVELAND METRO</b>            |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| 0785                              | F | 0457 | 0683 | CLE 04         | 0.0.0      | 31/08/00                                                 | CLEVELAND METRO (B)                                                                                       |       | [2nd GEN] Azizi                                                 | HW0881                                         | 0.000 |
| CLE: Status of 03.2001            |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| <b>COLUMBIA RIVERB ( 1. 2. 0)</b> |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| 0381                              | M | 0285 | 0076 | LAX 11         | 1.1.0      | 10/09/85<br>09/06/88<br>28/06/89<br>23/05/91             | LOS ANGELES ZOO (B)<br>OKLAHOMA CITY (L)<br>MILWAUKEE ZOO (L)<br>COLUMBIA RIVERB (L)                      |       | [3rd GEN] Zakar<br>Zakar<br>Zakar<br>Zakar                      | 002425<br>450416<br>3359<br>SJ1377             | 0.000 |
| 0383                              | F | 0074 | 0213 | SFO 11         | 1.1.0      | 02/07/88<br>13/12/89<br>19/12/89<br>06/06/91             | SAN FRANCISCO (B)<br>IAE FERNDAL (TF)<br>MILWAUKEE ZOO (L)<br>COLUMBIA RIVERB (L)                         |       | [1st GEN] Gemstone<br>(shipper)<br>PUNCHKA<br>Gemstone          | 189050<br>3408<br>SJ1378                       | 0.000 |
| 0761                              | F | 0381 | 0383 | CRB 02         | 0.0.0      | 01/02/00<br>01/02/00                                     | COLUMBIA RIVERB (BL)<br>LOS ANGELES ZOO (LO)                                                              |       | [4th GEN] Circe<br>Circe                                        | SJ1680<br>990150                               | 0.000 |
| CRB: Status of 03.2001            |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| <b>CUMBERLD WILDS ( 1. 0. 0)</b>  |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| 0308                              | M | 0074 | 0213 | SFO 08         | 1.0.0      | 18/10/81<br>11/06/82<br>17/06/82<br>04/10/00             | SAN FRANCISCO (B)<br>ZEEHANDELAAR NY (TF)<br>CHICAGO LINCOLN (L)<br>CUMBERLD WILDS (L)                    |       | [1st GEN] Johnstone<br>(shipper)<br>MARSHALL<br>Marshall        | 18154<br>6780<br>MW1001                        | 0.000 |
| WIL: Status of 06.2001            |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| <b>DENVER ZOO ( 2. 1. 0)</b>      |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |
| 0332                              | M | 0247 | 0180 | CVS 14         | 1.1.0      | 11/01/83<br>13/07/84                                     | CINCINNATI ZOO (B)<br>DENVER ZOO (P)                                                                      |       | [2nd GEN] Akeer<br>GEORGE                                       | W14032<br>07986                                | 0.000 |
| 0516                              | M | 0151 | 0183 | DEN 15         | 0.0.0      | 13/11/93                                                 | DENVER ZOO (B)                                                                                            |       | [2nd GEN] Mshindi                                               | 930806                                         | 0.000 |
| 0331                              | F | 0159 | 0190 | STA 05         | 1.0.0      | 11/12/82<br>15/07/84<br>13/01/87<br>14/01/87<br>03/10/00 | SAN ANTONIO ZOO (B)<br>KANSAS CITY ZOO (P)<br>SAN FRANCISCO (TD)<br>COLSPR CHEYENNE (L)<br>DENVER ZOO (L) |       | [2nd GEN] Holly<br>GERTRUDE<br>Gertrude<br>SHY ANNE<br>Shy Anne | 821209<br>101554<br>187002<br>870084<br>A00272 | 0.000 |
| DEN: Status of 03.2001            |   |      |      |                |            |                                                          |                                                                                                           |       |                                                                 |                                                |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                                                               | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME      | ARKS/LOCAL ID | FCOEF |
|----------------------------------------------------------------------|---|------|------|----------------|------------|-----------------------|----------------------------|-------|----------------------------|---------------|-------|
| <b>USA</b>                                                           |   |      |      |                |            |                       |                            |       |                            |               |       |
| <b>DETROIT ZOO ( 1. 0. 0 )</b>                                       |   |      |      |                |            |                       |                            |       |                            |               |       |
| 0439                                                                 | M | WILD | WILD | PRO 01         | 0.0.0      | 12/07/52              | KNY EAST AFRICA (WB)       |       | [0 GEN]                    |               | 0.000 |
|                                                                      |   |      |      |                |            | 05/07/54              | RUHE L NEW YORK (P)        |       | (importer)                 |               |       |
|                                                                      |   |      |      |                |            | 08/07/54              | TREFFLICH H NY (P)         |       |                            |               |       |
|                                                                      |   |      |      |                |            | 12/07/54              | NY-PROSPECT PK (P)         | Rudy  |                            | none          |       |
|                                                                      |   |      |      |                |            | 13/07/88              | DETROIT ZOO (D)            | Rudy  |                            | 2492          |       |
|                                                                      |   |      |      |                |            |                       |                            |       | (2.0 ys on arrival at PRO) |               |       |
| DTT: Status of 03.2001 - was euthanised on 05/12/01 at the age of 49 |   |      |      |                |            |                       |                            |       |                            |               |       |
| <b>GARDEN CITY ZOO ( 1. 0. 0 )</b>                                   |   |      |      |                |            |                       |                            |       |                            |               |       |
| 0419                                                                 | M | 0353 | 0317 | CLP 01         | 0.0.0      | 21/05/83              | CHICAGO LINCOLN (BL)       |       | [2nd GEN] Ahadi            | 8310          | 0.000 |
|                                                                      |   |      |      |                |            | 21/05/83              | CINCINNATI ZOO (LO)        |       | Ahadi                      | 189050        |       |
|                                                                      |   |      |      |                |            | 31/07/90              | CATSKILL GW FM (TF)        |       | (Schulz-shipper)           |               |       |
|                                                                      |   |      |      |                |            | 01/08/90              | GARDEN CITY ZOO (L)        |       | Ahadi                      | 901070        |       |
|                                                                      |   |      |      |                |            | 22/03/94              | OKLAHOMA CITY (L)          |       | Ahadi                      | 541822        |       |
|                                                                      |   |      |      |                |            | 11/10/94              | GARDEN CITY ZOO (L)        |       | Ahadi                      | 901070        |       |
| GDC: Status of 05.2001                                               |   |      |      |                |            |                       |                            |       |                            |               |       |
| <b>HONOLULU ZOO ( 1. 1. 0 )</b>                                      |   |      |      |                |            |                       |                            |       |                            |               |       |
| 0372                                                                 | M | 0271 | 0235 | CHI 13         | 0.0.0      | 11/12/86              | CHICAGO BROOKFD (B)        |       | [3rd GEN] Corky            | 860310        | 0.000 |
|                                                                      |   |      |      |                |            | 22/10/88              | TYLER CALWELL (L)          |       | Corky                      | 001425        |       |
|                                                                      |   |      |      |                |            | 10/03/99              | HONOLULU ZOO (L)           |       | Corky                      | 990042        |       |
| 1560                                                                 | F | 0182 | 0181 | HIR 15         | 0.0.0      | 15/05/95              | HIR ASA ZOOL PK (B)        |       | [1st GEN] Satsuki          | none          | 0.000 |
|                                                                      |   |      |      |                |            | 20/03/99              | HONOLULU ZOO (TD)          |       | Satsuki                    | 990050        |       |
| HLU: Status of 04.2001                                               |   |      |      |                |            |                       |                            |       |                            |               |       |
| <b>JACKSONVILLE ( 1. 0. 0 )</b>                                      |   |      |      |                |            |                       |                            |       |                            |               |       |
| 0552                                                                 | M | 0381 | 0383 | CRB 01         | 0.0.0      | 23/08/95              | COLUMBIA RIVERB (BL)       |       | [4th GEN] Zeus (HR)        | SJ1712        | 0.000 |
|                                                                      |   |      |      |                |            | 23/08/95              | SAN FRANCISCO (LO)         |       | Zeus                       | 195026        |       |
|                                                                      |   |      |      |                |            | 14/10/96              | NOYAK CAIRO NY (TF)        |       | (shipper)                  |               |       |
|                                                                      |   |      |      |                |            | 14/10/96              | JACKSONVILLE (L)           |       | Zeus                       | 896088        |       |
| JAX: Status of 04.2001                                               |   |      |      |                |            |                       |                            |       |                            |               |       |
| <b>KANSAS CITY ZOO ( 2. 2. 0 )</b>                                   |   |      |      |                |            |                       |                            |       |                            |               |       |
| 0475                                                                 | M | 0259 | 0202 | MIA 11         | 1.0.0      | 11/02/93              | MIAMI METROZOO (B)         |       | [2nd GEN] Tucker           | M01506        | 0.000 |
|                                                                      |   |      |      |                |            | 05/04/95              | KANSAS CITY ZOO (P)        |       | Tucker                     | 102680        |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                     | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                            | TERMS | GENERATION/HOUSE NAME                                   | ARKS/LOCAL ID                    | FCOEF |
|----------------------------|---|------|------|----------------|------------|----------------------------------------------|---------------------------------------------------------------------------------------|-------|---------------------------------------------------------|----------------------------------|-------|
| <b>USA</b>                 |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| KANSAS CITY ZOO            |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| 0490                       | M | 0301 | 0053 | SCZ 04         | 0.1.0      | 16/08/93<br>01/11/95                         | SEDGWICK WICHIT (B)<br>KANSAS CITY ZOO (L)                                            |       | [2nd GEN] Rudisha<br>Rudisha-RUDI                       | 5199<br>102752                   | 0.000 |
| 0684                       | F | WILD | WILD | KSC 05         | 0.1.0      | 03/10/93<br>01/03/97<br>03/07/97             | S AFR ADDO NP (WE)<br>NATIONAL PKS BD (TF)<br>KANSAS CITY ZOO (P)                     |       | [0 GEN]<br><dt of cpt><br>Luyisa<br><3.9 ys on arrival> |                                  | 0.000 |
| 0784                       | F | 0490 | 0684 | KSC 07         | 0.0.0      | 26/08/00                                     | KANSAS CITY ZOO (B)                                                                   |       | [3rd GEN] Kifarua Malika<br>(Rhino Princess)            | M00086                           | 0.000 |
| KSC: Status of 07.2001     |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| LANSG POTTER PK ( 1. 1. 0) |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| 0435                       | M | 0292 | 0233 | SDW 06         | 0.0.0      | 29/11/90<br>13/05/94<br>19/05/94             | SAN DIEGO WAP (B)<br>JOHNSON BOERNE (TF)<br>LANSG POTTER PK (L)                       |       | [2nd GEN] Jimma<br><Saf Enterprs Tx-shipper><br>Jimma   | 590706<br>1882                   | 0.000 |
| 0489                       | F | 0352 | 0359 | TYL 01         | 0.0.0      | 30/05/93<br>29/06/94                         | TYLER CALDWELL (B)<br>LANSG POTTER PK (L)                                             |       | [3rd GEN] Ebony<br>RAFIKI                               | 002913<br>1894                   | 0.000 |
| LAN: Status of 04.2001     |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| LITTLE ROCK ZOO ( 1. 0. 0) |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| 0542                       | M | 0363 | 0365 | CHI 17         | 0.0.0      | 18/03/95<br>26/11/98                         | CHICAGO BROOKFD (B)<br>LITTLE ROCK ZOO (L)                                            |       | [4th GEN] Johari<br>Johari                              | 950021<br>5151                   | 0.000 |
| LTR: Status of 03.2001     |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| LOS ANGELES ZOO ( 1. 0. 0) |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| 0285                       | M | 0199 | 0126 | MEM 03         | 1.1.0      | 07/11/78<br>27/08/79<br>27/10/79<br>15/06/81 | MEMPHIS ZOO (B)<br>IAE GRD PRAIRIE (P)<br>LOS ANGELES ZOO (L)<br>LOS ANGELES ZOO (TD) |       | [2nd GEN] Buck<br>Buck<br>BUSTER<br>Buster              | 1666<br><3040><br>09950<br>09950 | 0.000 |
| LAX: Status of 03.2001     |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| MIAMI METROZOO ( 2. 1. 0)  |   |      |      |                |            |                                              |                                                                                       |       |                                                         |                                  |       |
| 0259                       | M | 0182 | 0181 | HIR 04         | 4.3.0      | 10/04/77<br>01/11/83<br>10/11/83             | HIR ASA ZOOL PK (B)<br>ARITAKE TOKYO (P)<br>MIAMI METROZOO (P)                        |       | [1st GEN] Toshi<br>Toshi<br>Toshi                       | none<br>M00208                   | 0.000 |

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

0?GEN BIRTH TYPE UNKN 1st?GEN PARENTS UNKN

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD<br>#                      | S | SIRE | DAM  | BREEDER<br>NAME/# | OFF-<br>SPRING | DATE OF<br>BIRTH/<br>ARRIVAL                 | LOCATION OF<br>BIRTH/<br>TRANSFER                                                      | TERMS | GENERATION/<br>HOUSE NAME                                                      | ARKS/<br>LOCAL<br>ID                 | FCDEF |
|--------------------------------|---|------|------|-------------------|----------------|----------------------------------------------|----------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------|--------------------------------------|-------|
| <b>USA</b>                     |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| <b>MIAMI METROZOO</b>          |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| 0351                           | F | 0074 | 0213 | SFO 10            | 1.2.0          | 24/06/85<br>13/01/87<br>15/03/87             | SAN FRANCISCO (B)<br>LOS ANGELES ZOO (TD)<br>MIAMI METROZOO (L)                        |       | [1st GEN] Moonstone<br>Moonstone<br>Moonstone                                  | 185098<br>002640<br>M00744           | 0.000 |
| 0395                           | M | 0052 | 0202 | MIA 06            | 1.2.0          | 13/03/88                                     | MIAMI METROZOO (B)                                                                     |       | [1st GEN] Tattoo-TATU                                                          | M00924                               | 0.000 |
| MIA: Status of 04.2001         |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| <b>OKLAHOMA CITY (1.1.0)</b>   |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| 0459                           | M | 0251 | 0212 | STL 13            | 0.0.0          | 21/10/91<br>05/11/93                         | ST LOUIS ZOO (B)<br>OKLAHOMA CITY (L)                                                  |       | [2nd GEN] Verikhe<br>Verikhe                                                   | 911060<br>632721                     | 0.000 |
| 0294                           | F | 0169 | 0190 | STA 05            | 0.0.0          | 21/05/81<br>23/07/82<br>10/03/99             | SAN ANTONIO ZOO (B)<br>CHICAGO LINCOLN (P)<br>OKLAHOMA CITY (L)                        |       | [2nd GEN] no name<br>Marsha<br>Marsha                                          | 811515<br>6798<br>763225             | 0.000 |
| OKC: Status of 03.2001         |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| <b>PITTSBURGH ZOO (2.0.0)</b>  |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| 0569                           | M | 0292 | 0233 | SDW 08            | 0.0.0          | 22/07/95<br>22/07/95<br>12/08/96             | SAN DIEGO VAP (BL)<br>CHICAGO BROOKFD (LO)<br>PITTSBURGH ZOO (L)                       |       | [2nd GEN] Jomo (HR)<br>Jomo<br>Jomo                                            | 695401<br>950198<br>101114           | 0.000 |
| 0654                           | M | 0377 | 0213 | SFO 15            | 0.0.0          | 16/01/97<br>16/01/97<br>18/09/98             | SAN FRANCISCO (BL)<br>CINCINNATI ZOO (LO)<br>PITTSBURGH ZOO (L)                        |       | [4th GEN] Ricko<br>Ricko<br>Ricko                                              | 197001<br>197004<br>101489           | 0.000 |
| PIT: Status of 02.2001         |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| <b>POWELL COLUMBUS (1.1.0)</b> |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |
| 0397                           | F | 0247 | 0180 | CVG 17            | 0.1.0          | 19/10/86<br>10/04/89<br>30/10/96<br>23/09/96 | CINCINNATI ZOO (B)<br>POWELL COLUMBUS (L)<br>CUMBERLD WILDS (L)<br>POWELL COLUMBUS (L) |       | [2nd GEN] Kulinda Kifaru<br>Kulinda Kifaru<br>Kulinda Kifaru<br>Kulinda Kifaru | M14066<br>892021<br>961005<br>892021 | 0.000 |
| 0488                           | M | 0271 | 0235 | CHI 16            | 0.0.0          | 05/10/93<br>02/06/99                         | CHICAGO BROOKFD (B)<br>POWELL COLUMBUS (L)                                             |       | [3rd GEN] Kijito<br>Kijito                                                     | 930208<br>992029                     | 0.000 |
| POW: Status of 04.2001         |   |      |      |                   |                |                                              |                                                                                        |       |                                                                                |                                      |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| C  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                     | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                   | TERMS | GENERATION/HOUSE NAME                                                            | ARKS/LOCAL ID                                | FCOEF |
|----------------------------|---|------|------|----------------|------------|----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------|----------------------------------------------|-------|
| <b>USA</b>                 |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| PTLD OREGON ZOO ( 1. 1. 0) |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| 0376                       | M | 0161 | 0163 | DEM 11         | 0.1.0      | 07/05/87<br>27/08/88                                     | DENVER ZOO (B)<br>PTLD OREGON ZOO (P)                                                                        |       | [2nd GEN] Pete<br>Pete                                                           | 10522<br>88035                               | 0.000 |
| 0396                       | F | 0271 | 0235 | CHI 14         | 0.1.0      | 04/11/88<br>15/03/90                                     | CHICAGO BROOKFD (B)<br>PTLD OREGON ZOO (L)                                                                   |       | [3rd GEN] Miadi<br>Miadi                                                         | 88038<br>90023                               | 0.000 |
| PTO: Status of 04.2001     |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| SAN ANTONIO ZOO ( 1. 2. 0) |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| 0364                       | F | 0055 | 0207 | CVG 16         | 0.1.0      | 27/12/85<br>19/07/87                                     | CINCINNATI ZOO (B)<br>SAN ANTONIO ZOO (TD)                                                                   |       | [1st GEN] Sababu<br>Sababu                                                       | M14047<br>870793                             | 0.000 |
| 0473                       | M | 0110 | 0192 | SDZ 05         | 0.1.0      | 15/11/92<br>15/11/92<br>25/05/94<br>13/06/94<br>15/04/99 | SAN DIEGO ZOO (BL)<br>SEDGWICK WICHIT (LO)<br>SEDGWICK WICHIT (P)<br>NY-BRONX ZOO (L)<br>SAN ANTONIO ZOO (L) |       | [3rd GEN] Verikke<br>Verikke<br>Verikke<br>Verikke<br>Verikke                    | 592425<br>5652<br>5652<br>941033<br>990463   | 0.000 |
| 0659                       | F | 0473 | 0364 | STA 08         | 0.0.0      | 25/01/01                                                 | SAN ANTONIO ZOO (B)                                                                                          |       | [4th GEN] Timu                                                                   | J01044                                       | 0.000 |
| STA: Status of 04.2001     |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| SAN DIEGO WAP ( 1. 1. 0)   |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| 0665                       | M | 0292 | 0233 | SDW 10         | 0.0.0      | 25/02/97                                                 | SAN DIEGO WAP (B)                                                                                            |       | [2nd GEN] Jambia                                                                 | 697072                                       | 0.000 |
| 0708                       | F | 0377 | 0213 | SFO 16         | 0.0.0      | 16/07/98<br>10/07/00                                     | SAN FRANCISCO (B)<br>SAN DIEGO WAP (L)                                                                       |       | [4th GEN] Susan K<br>Susan K                                                     | 198016<br>800441                             | 0.000 |
| SDW: Status of 04.2001     |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| SAN FRANCISCO ( 2. 1. 0)   |   |      |      |                |            |                                                          |                                                                                                              |       |                                                                                  |                                              |       |
| 0213                       | F | WILD | WILD | SFO 04         | 8.5.0      | 16/01/71<br>26/02/74<br>16/04/74<br>16/04/74             | KNY MARSABIT RG (WB)<br>MT KNY GAME RCH (P)<br>IAE FERNDAL (P)<br>SAN FRANCISCO (P)                          |       | [0 GEN]<br>(Stanton Hugh-exporter)<br>(importer)<br>Elly<br>(3.3 yrs on arrival) |                                              | 0.000 |
| 0377                       | M | 0302 | 0239 | SDW 03         | 2.2.0      | 12/07/87<br>12/07/87<br>05/01/90<br>30/06/90<br>13/04/94 | SAN DIEGO WAP (BL)<br>CINCINNATI ZOO (LO)<br>SAN DIEGO ZOO (L)<br>LANSG POTTER PK (L)<br>SAN FRANCISCO (L)   |       | [3rd GEN] Mashaki<br>Mashaki<br>Mashaki<br>Mashaki<br>GENE                       | 687455<br>M14063<br>887485<br>1304<br>194003 | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD<br>#                         | S | SIRE | DAM  | BREEDER<br>NAME/1 | OFF-<br>SPRING | DATE OF<br>BIRTH/<br>ARRIVAL                 | LOCATION OF<br>BIRTH/<br>TRANSFER                                                       | TERMS                      | GENERATION/<br>HOUSE NAME                                                                                     | ARKS/<br>LOCAL<br>ID               | FCOEF |
|-----------------------------------|---|------|------|-------------------|----------------|----------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|-------|
| <b>USA</b>                        |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| <b>SAN FRANCISCO</b>              |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| 0775                              | M | 0377 | 0213 | SFO 17            | 0.0.0          | 09/04/00<br>09/04/00                         | SAN FRANCISCO (BL)<br>CINCINNATI ZOO (LO)                                               | (BL)<br>(LO)               | [4th GEN] Mojadoga<br>Mojadoga                                                                                | 100004<br>100029                   | 0.000 |
| <b>SFO: Status of 07.2001</b>     |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| <b>SEDGWICK WICHIT ( 1. 0. 0)</b> |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| 0301                              | M | 0056 | 0207 | CVG 11            | 4.3.0          | 25/02/80<br>23/08/81<br>25/08/81             | CINCINNATI ZOO (B)<br>IAE GRD PRAIRIE (TD)<br>SEDGWICK WICHIT (P)                       | (B)<br>(TD)<br>(P)         | [1st GEN] Eugene<br>E301-Eugene<br>BORA                                                                       | M14016<br>M14016<br>779            | 0.000 |
| <b>SCZ: Status of 04.2000</b>     |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| <b>SIoux FALLS ZOO ( 1. 1. 0)</b> |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| 0677                              | F | 0376 | 0396 | PTD 01            | 0.0.0          | 26/09/97<br>26/09/97<br>30/06/99             | PTLD OREGON ZOO (BL)<br>CHICAGO BROOKFD (LO)<br>SIoux FALLS ZOO (L)                     | (BL)<br>(LO)<br>(L)        | [4th GEN] Imara<br>Imara<br>Imara                                                                             | 97044<br>970279<br>2332            | 0.000 |
| 0638                              | M | 0292 | 0330 | SDW 09            | 0.0.0          | 08/10/96<br>06/10/96<br>02/07/99<br>13/12/00 | SAN DIEGO WAP (BL)<br>OKLAHOMA CITY (LO)<br>NY-BRONX ZOO (L)<br>SIoux FALLS ZOO (L)     | (BL)<br>(LO)<br>(L)<br>(L) | [2nd GEN] Jubba<br>Jubba<br>Jubba<br>Jubba                                                                    | 695516<br>699124<br>991118<br>2456 | 0.000 |
| <b>SXP: Status of 04.2001</b>     |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| <b>ST LOUIS ZOO ( 1. 1. 0)</b>    |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| 0251                              | M | WILD | WILD | STL 08            | 1.3.0          | 12/03/75<br>20/04/75<br>22/05/76<br>12/09/76 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCN (TF)<br>IAE GRD PRAIRIE (P)<br>ST LOUIS ZOO (P) | (WB)<br>(TF)<br>(P)<br>(P) | [0 GEN]<br>(Stanton Hugh) Sugeroi<br>Sugeroi (Sugar)<br>TOTO<br>(HR by Stanton)<br>(1.6 ys on arrival at STL) | 0.000<br>none<br>(none)<br>076444  |       |
| 0212                              | F | 0052 | 0053 | DTT 10            | 1.2.0          | 09/09/75<br>30/10/84                         | DETROIT ZOO<br>ST LOUIS ZOO                                                             | (B)<br>(L)                 | [1st GEN] Betsy<br>Betsy                                                                                      | 313<br>084437                      | 0.000 |
| <b>STL: Status of 04.2001</b>     |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| <b>TAMPA BUSCH GD ( 4. 2. 0)</b>  |   |      |      |                   |                |                                              |                                                                                         |                            |                                                                                                               |                                    |       |
| 0418                              | F | 0281 | 0055 | DTT 12            | 1.1.0          | 23/03/89<br>23/03/89<br>11/08/90             | DETROIT ZOO<br>OKLAHOMA CITY<br>TAMPA BUSCH GD                                          | (BL)<br>(LO)<br>(L)        | [2nd GEN] Jody<br>Jody<br>Jody                                                                                | 2797<br>489918<br>52154            | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UN | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                                                             | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                          | TERMS                                         | GENERATION/HOUSE NAME                                                                             | ARKS/LOCAL ID                                                   | FCOE  |
|--------------------------------------------------------------------|---|------|------|----------------|------------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|-------|
| <b>USA</b>                                                         |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |
| <b>TAMPA BUSCH GD</b>                                              |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |
| 0432                                                               | M | 0151 | 0163 | DEN 12         | 2.0.0      | 31/10/89<br>21/08/91                                                             | DENVER ZOO<br>TAMPA BUSCH GD                                                                                        | (B)<br>(L)                                    | [2nd GEN] Jasper<br>Jasper                                                                        | 11902<br>54805                                                  | 0.000 |
| 0517                                                               | F | 0356 | 0418 | TAM 08         | 1.0.0      | 21/12/94<br>21/12/94                                                             | TAMPA BUSCH GD<br>OKLAHOMA CITY                                                                                     | (BL)<br>(LO)                                  | [3rd GEN] Jumstano<br>Jumstano                                                                    | 55125<br>653223                                                 | 0.000 |
| 0516                                                               | M | 0247 | 0225 | CVG 19         | 0.0.0      | 09/12/94<br>09/12/94<br>10/11/99                                                 | CINCINNATI ZOO<br>TAMPA BUSCH GD<br>TAMPA BUSCH GD                                                                  | (BL)<br>(LO)<br>(R)                           | [1st GEN] Bwana Chai<br>Bwana Chai<br>Bwana Chai                                                  | 194207<br>58151<br>55151                                        | 0.000 |
| 0785                                                               | M | 0432 | 0517 | TAM 09         | 0.0.0      | 29/08/00                                                                         | TAMPA BUSCH GD                                                                                                      | (B)                                           | [4th GEN] Gery                                                                                    | 51115                                                           | 0.000 |
| 0854                                                               | M | 0432 | 0418 | TAM 10         | 0.0.0      | 29/07/01                                                                         | TAMPA BUSCH GD                                                                                                      | (B)                                           | [3rd GEN] Kayin                                                                                   | 61547                                                           | 0.000 |
| TAM: Status of 08.2001                                             |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |
| <b>TYLER CALDWELL ( 3. 1. 0 )</b>                                  |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |
| 0359                                                               | F | 0169 | 0190 | STA 07         | 2.2.0      | 01/02/86<br>17/07/87<br>21/07/87                                                 | SAN ANTONIO ZOO<br>CINCINNATI ZOO<br>TYLER CALDWELL                                                                 | (B)<br>(TD)<br>(L)                            | [2nd GEN] Crista<br>Crista<br>CHRISTA                                                             | 850200<br>M14058<br>001111                                      | 0.000 |
| 0352                                                               | M | 0259 | 0202 | MIA 04         | 2.2.0      | 11/03/86<br>15/09/88                                                             | MIAMI METROZOO<br>TYLER CALDWELL                                                                                    | (B)<br>(P)                                    | [2nd GEN] Makuu<br>Makuu                                                                          | M00568<br>001315                                                | 0.000 |
| 0582                                                               | M | 0352 | 0359 | TYL 03         | 0.0.0      | 25/07/97<br>25/07/97                                                             | TYLER CALDWELL<br>CINCINNATI ZOO                                                                                    | (BL)<br>(LO)                                  | [3rd GEN] Tatu<br>Tatu                                                                            | 104130<br>197173                                                | 0.000 |
| 0292                                                               | M | 0079 | 0293 | SRB 05         | 8.0.1      | 11/12/79<br>06/03/81<br>11/03/81<br>25/05/83<br>11/04/85<br>22/10/86<br>10/05/01 | GRANBY ZOO<br>MICHIGAN CO CAN<br>SAN DIEGO ZOO<br>SAN DIEGO WAP<br>SAN DIEGO ZOO<br>SAN DIEGO WAP<br>TYLER CALDWELL | (B)<br>(P)<br>(P)<br>(D)<br>(D)<br>(D)<br>(L) | [1st GEN] Cornelius<br>Cornelius<br>Cornelius<br>Cornelius<br>Cornelius<br>Cornelius<br>Cornelius | 790039<br>790039<br>181039<br>151039<br>181039<br>181039<br>unk | 0.000 |
| TYL: Status of 05.2001                                             |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |
| Total North American (SSP) population 67 ( 40. 27. 0 ) Individuals |   |      |      |                |            |                                                                                  |                                                                                                                     |                                               |                                                                                                   |                                                                 |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

WORLD LIVING POPULATION by CONTINENTS - CENTRAL AMERICA

| STUD # | S | SIRE | DAM | BREEDER NAME/♀ | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME | ARKS/LOCAL ID | FCOEF |
|--------|---|------|-----|----------------|------------|-----------------------|----------------------------|-------|-----------------------|---------------|-------|
|--------|---|------|-----|----------------|------------|-----------------------|----------------------------|-------|-----------------------|---------------|-------|

Mexico

CHAPULTEPEC ZOO ( 1. 0. 0 )

|      |   |      |      |        |       |          |                      |  |                          |      |       |
|------|---|------|------|--------|-------|----------|----------------------|--|--------------------------|------|-------|
| 0256 | M | WILD | WILD | CPC 01 | 0.0.0 | 02/01/82 | ANY EAST AFRICA (WB) |  | [0 GEN]                  |      | 0.000 |
|      |   |      |      |        |       | 01/01/84 | RUHE HAMOVER (P)     |  | (importer)               |      |       |
|      |   |      |      |        |       | 02/06/84 | CHAPULTEPEC ZOO (P)  |  | Carlos                   | none |       |
|      |   |      |      |        |       |          |                      |  | (est. 2.5 ys on arrival) |      |       |

CPC: Status of 07.2000

Total Central American population 1 ( 1. 0. 0 ) Individual

57 institutions + 1 unk loc total world-wide 201 ( 86.109. 4 ) Individuals

Compiler: Hannelore Mercado

KEY FOR TERMS:

|    |                 |      |                   |         |              |    |          |
|----|-----------------|------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL   | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO   | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |      |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | ?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**



**Altersstruktur des**

**Südlichen Spitzmaulnashorns nach Kontinenten**

**Africa - Asia**

**Australasia - Europe - North America**

**Age distribution in the**

**Southern Black rhinoceros by continents**

**A G E D I S T R I B U T I O N i n t h e S o u t h e r n B l a c k r h i n o c e r o s - *Diceros bicornis minor***

| <b>A G E</b><br><b>ys -/+</b> | <b>MALE</b> | <b>FEMALE</b> | <b>UNKN</b> | <b>A G E</b><br><b>ys -/+</b> | <b>MALE</b> | <b>FEMALE</b> | <b>UNKN</b> |
|-------------------------------|-------------|---------------|-------------|-------------------------------|-------------|---------------|-------------|
| <b>AFRICA</b>                 |             |               |             | <b>NORTH AMERICA</b>          |             |               |             |
| 22                            | 1           | 0             | 0           | 15                            | 1           | 1             | 0           |
| 20                            | 1           | 1             | 0           | 14                            | 2           | 0             | 0           |
| 16                            | 0           | 1             | 0           | 12+                           | 0           | 1             | 0           |
| 15                            | 1           | 1             | 0           | 11+                           | 2           | 1             | 0           |
| 8+                            | 2           | 1             | 0           | 10+                           | 0           | 1             | 0           |
| 6                             | 1           | 0             | 0           | 7+                            | 1           | 1             | 0           |
| 4                             | 0           | 0             | 1           | 7                             | 1           | 0             | 0           |
| 3+                            | 0           | 1             | 0           | 5+                            | 1           | 1             | 0           |
| 1+                            | 0           | 0             | 1           | 4+                            | 4           | 2             | 0           |
| <b>TOTAL</b>                  | <b>6</b>    | <b>5</b>      | <b>2</b>    | 3                             | 0           | 1             | 0           |
|                               |             |               |             | 2+                            | 1           | 1             | 0           |
|                               |             |               |             | 1+                            | 1           | 1             | 0           |
|                               |             |               |             | 1-                            | 4           | 1             | 0           |
| <b>ASIA</b>                   |             |               |             | <b>TOTAL</b>                  | <b>22</b>   | <b>20</b>     | <b>0</b>    |
| 19                            | 2           | 2             | 0           |                               |             |               |             |
| 5                             | 0           | 1             | 0           |                               |             |               |             |
| 4                             | 1           | 0             | 0           |                               |             |               |             |
| <b>TOTAL</b>                  | <b>3</b>    | <b>3</b>      | <b>0</b>    |                               |             |               |             |
| <b>AUSTRALASIA</b>            |             |               |             |                               |             |               |             |
| 18                            | 0           | 2             | 0           |                               |             |               |             |
| 14                            | 0           | 1             | 0           |                               |             |               |             |
| 13                            | 1           | 0             | 0           |                               |             |               |             |
| 12                            | 0           | 3             | 0           |                               |             |               |             |
| 8+                            | 1           | 0             | 0           |                               |             |               |             |
| 7+                            | 1           | 0             | 0           |                               |             |               |             |
| 5+                            | 1           | 0             | 0           |                               |             |               |             |
| 1+                            | 1           | 0             | 0           |                               |             |               |             |
| <b>TOTAL</b>                  | <b>5</b>    | <b>6</b>      | <b>0</b>    |                               |             |               |             |
| <b>EUROPE</b>                 |             |               |             |                               |             |               |             |
| 15                            | 1           | 1             | 0           |                               |             |               |             |
| <b>TOTAL</b>                  | <b>1</b>    | <b>1</b>      | <b>0</b>    |                               |             |               |             |
| <b>NORTH AMERICA</b>          |             |               |             |                               |             |               |             |
| 29                            | 1           | 1             | 0           |                               |             |               |             |
| 24                            | 0           | 2             | 0           |                               |             |               |             |
| 22                            | 0           | 1             | 0           |                               |             |               |             |
| 20                            | 0           | 1             | 0           |                               |             |               |             |
| 19                            | 1           | 0             | 0           |                               |             |               |             |
| 18+                           | 0           | 1             | 0           |                               |             |               |             |
| 18                            | 0           | 1             | 0           |                               |             |               |             |
| 17                            | 1           | 1             | 0           |                               |             |               |             |
| 16                            | 1           | 0             | 0           |                               |             |               |             |

AGE DISTRIBUTION in the Southern Black rhinoceros - *Diceros bicornis minor*

| AGE<br>ys -/+ | MALE | FEMALE | UNKN | AGE<br>ys -/+ | MALE      | FEMALE    | UNKN     |
|---------------|------|--------|------|---------------|-----------|-----------|----------|
| <b>WORLD</b>  |      |        |      |               |           |           |          |
| 29            | 1    | 1      | 0    | 8+            | 1         | 1         | 0        |
| 24            | 0    | 2      | 0    | 8             | 2         | 0         | 0        |
| 22            | 1    | 1      | 0    | 7+            | 2         | 1         | 0        |
| 20            | 1    | 2      | 0    | 7             | 1         | 0         | 0        |
| 19            | 3    | 2      | 0    | 6             | 1         | 0         | 0        |
| 18+           | 0    | 1      | 0    | 5+            | 2         | 1         | 0        |
| 18            | 0    | 3      | 0    | 5             | 0         | 1         | 0        |
| 17            | 1    | 1      | 0    | 4+            | 4         | 1         | 0        |
| 16            | 1    | 1      | 0    | 4             | 1         | 0         | 1        |
| 15            | 3    | 3      | 0    | 3+            | 0         | 1         | 0        |
| 14            | 2    | 1      | 0    | 3             | 0         | 1         | 0        |
| 13            | 1    | 0      | 0    | 2+            | 1         | 1         | 0        |
| 12+           | 0    | 1      | 0    | 1+            | 2         | 1         | 1        |
| 12            | 0    | 3      | 0    | 1-            | 4         | 1         | 0        |
| 11+           | 2    | 2      | 0    |               |           |           |          |
| 10+           | 0    | 1      | 0    | <b>TOTAL</b>  | <b>37</b> | <b>35</b> | <b>2</b> |

**INTERNATIONALES ZUCHTBUCH**

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**for the Black rhinoceros**

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**Welt-Lebendbestand des  
Südlichen Spitzmaulnashorns nach Kontinenten**

**Africa - Asia  
Australasia - Europe - North America**

**World living population in the  
Southern Black rhinoceros by continents**

**Compiled by: Hannelore Mercado**

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - AFRICA

| STUD #                                              | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS | GENERATION/HOUSE NAME                        | ARKS/LOCAL ID    | FCOE  |
|-----------------------------------------------------|---|------|------|----------------|------------|----------------------------------|---------------------------------------------------------------------|-------|----------------------------------------------|------------------|-------|
| <b>South Africa</b>                                 |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |
| <b>PRETORIA ZOO ( 1. 0. 0 )</b>                     |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |
| 0491                                                | M | 0476 | 0429 | PRY 14         | 0.0.0      | 01/08/93<br>15/07/98             | PRETORIA Z POTG (B)<br>PRETORIA ZOO (TD)                            |       | [1st GEN] Mbani<br>Mbani                     | P93254<br>907170 | 0.000 |
| PRY: Status of 04.2001                              |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |
| <b>PRETORIA Z POTG ( 1. 1. 2 )</b>                  |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |
| 0429                                                | F | WILD | WILD | PRY 12         | 2.0.2      | 01/01/82<br>05/08/89<br>03/08/90 | S AFR MKUZI RES (WB)<br>NATAL PARKS BD (TF)<br>PRETORIA Z POTG (TD) |       | [0 GEN]<br><br>Ponono<br>(8.7 ys on arrival) | <br><br>P93213   | 0.000 |
| 0476                                                | M | WILD | WILD | PRY 13         | 2.0.2      | 01/01/80<br>12/02/91<br>13/02/91 | UMFOLOZI GN RES (WB)<br>NATAL PARKS BD (TF)<br>PRETORIA Z POTG (TD) |       | [0 GEN]<br><br>Kojak<br>(11.1 ys on arrival) | <br><br>P93214   | 0.000 |
| 0790                                                | U | 0476 | 0429 | PRY 15-2       | 0.0.0      | 01/12/97?                        | PRETORIA Z POTG (B)                                                 |       | [1st GEN] no name<br>(date of bth est.)      | P93559           | 0.000 |
| 0751                                                | U | 0476 | 0429 | PRY 16         | 0.0.0      | 20/10/99                         | PRETORIA Z POTG (B)                                                 |       | [1st GEN] no name                            | P93521           | 0.000 |
| PRY: Status of 04.2001                              |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |
| Total African population 13 ( 6. 5. 2 ) Individuals |   |      |      |                |            |                                  |                                                                     |       |                                              |                  |       |

WORLD LIVING POPULATION by CONTINENTS - ASIA

China-People's Republic of

PNY XIANGJIANG ( 1. 1. 0 )

|      |   |      |      |        |       |                                  |                                                                 |  |                                                                |                  |
|------|---|------|------|--------|-------|----------------------------------|-----------------------------------------------------------------|--|----------------------------------------------------------------|------------------|
| 0781 | M | UNKN | UNKN | PNY 01 | 0.0.0 | 05/05/97<br>04/10/99<br>05/10/99 | SABLE RANCH SA (B)<br>GHIAZZA SKEERPT (P)<br>PNY XIANGJIANG (P) |  | [1st?GEN]<br><exporter><br>HX001<br>(2.5 ys on arrival at PNY) | none<br><br>none |
|------|---|------|------|--------|-------|----------------------------------|-----------------------------------------------------------------|--|----------------------------------------------------------------|------------------|

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - ASIA

| STUD #                                       | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                       | TERMS | GENERATION/HOUSE NAME                                          | ARKS/LOCAL ID    | FCDEF |
|----------------------------------------------|---|------|------|----------------|------------|----------------------------------|------------------------------------------------------------------|-------|----------------------------------------------------------------|------------------|-------|
| China-People's Republic of                   |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| PNY XIANGJIANG                               |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| 0782                                         | F | UNKN | UNKN | PNY 02         | 0.0.0      | 06/10/96<br>04/10/99<br>06/10/99 | SABLE RANCH SA (B)<br>GHIAZZA SKEERPT (P)<br>PNY XIANGJIANG (P)  |       | [1st?GEN]<br>(exporter)<br>HX002<br>(3.0 ys on arrival at PNY) | none<br><br>none |       |
| PNY: NEW studbook participant since 07.2000! |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| Status of 04.2001                            |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| Korea-North                                  |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| PYONGYANG ZOO ( 2. 2. 0 )                    |   |      |      |                |            |                                  |                                                                  |       |                                                                |                  |       |
| 0366                                         | F | WILD | WILD | PYO 01         | 0.0.0      | 23/08/82<br>20/05/85<br>23/08/85 | S AFR ZIMBABWE (WB)<br>RHODES WDLF DPT (TF)<br>PYONGYANG ZOO (D) |       | [0 GEN]<br><br>(est. 3.0 ys on arrival)                        | <br>(*)<br>none  | 0.000 |
| 0369                                         | F | WILD | WILD | PYO 02         | 0.0.0      | 23/08/82<br>20/05/85<br>23/08/85 | S AFR ZIMBABWE (WB)<br>RHODES WDLF DPT (TF)<br>PYONGYANG ZOO (D) |       | [0 GEN]<br><br>(est. 3.0 ys on arrival)                        | <br>(*)<br>none  | 0.000 |
| 0370                                         | M | WILD | WILD | PYO 03         | 0.0.0      | 23/02/82<br>20/05/85<br>23/08/85 | S AFR ZIMBABWE (WB)<br>RHODES WDLF DPT (TF)<br>PYONGYANG ZOO (D) |       | [0 GEN]<br><br>(est. 3.5 ys on arrival)                        | <br>(*)<br>none  | 0.000 |
| 0371                                         | M | WILD | WILD | PYO 04         | 0.0.0      | 23/02/82<br>20/05/85<br>23/08/85 | S AFR ZIMBABWE (WB)<br>RHODES WDLF DPT (TF)<br>PYONGYANG ZOO (D) |       | [0 GEN] 0.0.0<br><br>(est. 3.6 ys on arrival)                  | <br>(*)<br>none  | 0.000 |

PYO: Status of 11.1986-

no response to numerous status inquiries

Total Asian population 6 ( 3. 3. 0 ) Individuals

KEY FOR TERMS:

|    |                 |                 |                   |         |              |    |          |
|----|-----------------|-----------------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL              | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO              | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |                 |                   | D       | DONATION IN  | TF | TRANSFER |
|    | 0?GEN           | BIRTH TYPE UNKN |                   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - AUSTRALASIA

| STUD #                     | SEX | SIRE | DAM  | BREEDER NAME/1 | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                 | TERMS                                                                           | GENERATION/HOUSE NAME | ARKS/LOCAL ID             | FCDEF |
|----------------------------|-----|------|------|----------------|------------|----------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|-----------------------|---------------------------|-------|
| Australia                  |     |      |      |                |            |                                              |                                                                                            |                                                                                 |                       |                           |       |
| DUBBO WESTERN P ( 5. 6. 0) |     |      |      |                |            |                                              |                                                                                            |                                                                                 |                       |                           |       |
| 0494                       | F   | WILD | WILD | DUB 01         | 1.0.0      | 03/12/83<br>27/06/91<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Musina Pongo<br>(8.11 ys on arrival)  |                       | 0.000<br>(9110)<br>320113 |       |
| 0496                       | F   | WILD | WILD | DUB 03         | 0.0.0      | 03/12/83<br>27/06/91<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Chitundumwure<br>(8.11 ys on arrival) |                       | 0.000<br>(9114)<br>320115 |       |
| 0498                       | F   | WILD | WILD | DUB 05         | 1.0.0      | 01/12/89<br>22/06/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Pepe Kalle<br>(2.11 ys on arrival)    |                       | 0.000<br>(9202)<br>320117 |       |
| 0499                       | F   | WILD | WILD | DUB 06         | 2.0.0      | 02/12/87<br>24/04/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Kalungwizi<br>(4.11 ys on arrival)    |                       | 0.000<br>(9203)<br>320118 |       |
| 0500                       | F   | WILD | WILD | DUB 07         | 1.0.0      | 01/12/89<br>15/06/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Utahwedande<br>(2.11 ys on arrival)   |                       | 0.000<br>(9209)<br>320119 |       |
| 0502                       | F   | WILD | WILD | DUB 09         | 0.0.0      | 01/12/89<br>15/06/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Dongajuru<br>(2.11 ys on arrival)     |                       | 0.000<br>(9211)<br>320121 |       |
| 0463                       | M   | 0404 | 0405 | MKE 03         | 0.0.0      | 23/12/92<br>23/12/92<br>26/11/94<br>23/11/94 | MILWAUKEE ZOO (BL)<br>RHODES WOLF DPT (LO)<br>SCHROFF CHICAGO (TF)<br>DUBBO WESTERN P (L)  | [1st GEN] Kwanzaa<br>Kwanzaa<br>(shipper)<br>Kwanzaa                            | 3766<br>(*)<br>940170 | 0.000                     |       |
| 0467                       | M   | WILD | WILD | FOS 02         | 4.1.0      | 22/04/88<br>18/06/91<br>22/04/92             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>GLW ROSE FOSSIL (P)                         | [0 GEN]<br>(dt of cpt)<br>Siabuwa                                               |                       | 0.000<br>(9101)<br>9119   |       |
| continued next page        |     |      |      |                |            |                                              |                                                                                            |                                                                                 |                       |                           |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - AUSTRALASIA

| STUD # | S | SIRE | DAM | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME | ARKS/LOCAL ID | FCOE |
|--------|---|------|-----|----------------|------------|-----------------------|----------------------------|-------|-----------------------|---------------|------|
|--------|---|------|-----|----------------|------------|-----------------------|----------------------------|-------|-----------------------|---------------|------|

Australia

DUBBO WESTERN P

0457

25/11/94

SCHROFF CHICAGO (TF)

(shipper)

29/11/94

DUBBO WESTERN P (D)

Siabuwa

940159

(4.0 ys on arrival at FOS)

|        |   |      |      |        |       |          |                     |           |       |        |       |
|--------|---|------|------|--------|-------|----------|---------------------|-----------|-------|--------|-------|
| ✓ 0465 | M | 0390 | 0392 | SDZ 07 | 0.0.0 | 12/08/93 | SAN DIEGO ZOO (B)   | [1st GEN] | Ibala | 593311 | 0.000 |
|        |   |      |      |        |       | 29/11/94 | DUBBO WESTERN P (L) |           | Ibala | 940171 |       |

|      |   |      |      |        |       |          |                     |           |                 |        |       |
|------|---|------|------|--------|-------|----------|---------------------|-----------|-----------------|--------|-------|
| 0503 | M | 0457 | 0499 | DUB 10 | 0.0.0 | 25/05/95 | DUBBO WESTERN P (B) | [1st GEN] | D 196-K. Lemona | 960059 | 0.000 |
|------|---|------|------|--------|-------|----------|---------------------|-----------|-----------------|--------|-------|

|      |   |      |      |        |       |          |                     |           |          |        |       |
|------|---|------|------|--------|-------|----------|---------------------|-----------|----------|--------|-------|
| 0777 | M | 0467 | 0438 | DUB 12 | 0.0.0 | 30/03/00 | DUBBO WESTERN P (B) | [1st GEN] | Chikundo | A00096 | 0.000 |
|------|---|------|------|--------|-------|----------|---------------------|-----------|----------|--------|-------|

DUB: Status of 07.2001

Total Australasian population 11 ( 5. 6. 0 ) Individuals

WORLD LIVING POPULATION by CONTINENTS - EUROPE

Germany

FRANKFURT/M ZOO ( 1. 1. 0 )

|      |   |      |      |        |       |          |                     |         |  |  |       |
|------|---|------|------|--------|-------|----------|---------------------|---------|--|--|-------|
| 0393 | F | WILD | WILD | FRA 11 | 0.2.0 | 31/12/86 | ZBW MANAPOL NP (WB) | [0 GEN] |  |  | 0.000 |
|------|---|------|------|--------|-------|----------|---------------------|---------|--|--|-------|

10/01/89

RHODES WOLF DPT (TF)

(\*)

17/07/89

FRANKFURT/M ZOO (D)

FRA 05-Tsororo

22103

(2.7 ys on arrival)

|      |   |      |      |        |       |          |                      |         |  |  |       |
|------|---|------|------|--------|-------|----------|----------------------|---------|--|--|-------|
| 0394 | M | WILD | WILD | FRA 12 | 0.2.0 | 18/07/86 | ZBW MARONGORA NP(WB) | [0 GEN] |  |  | 0.000 |
|------|---|------|------|--------|-------|----------|----------------------|---------|--|--|-------|

10/01/89

RHODES WOLF DPT (TF)

(\*)

17/07/89

FRANKFURT/M ZOO (D)

FRA 06-Kalusho

22106

(3.0 ys on arrival)

FRA: Status of 02.2001

Total European (EEP) population 2 ( 1. 1. 0 ) Individuals

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                      | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                        | TERMS | GENERATION/HOUSE NAME                                                                                | ARKS/LOCAL ID          | FCDEF                                           |
|-----------------------------|---|------|------|----------------|------------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------|
| <b>U S A</b>                |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| DALLAS ZOO ( 3. 1. 0 )      |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| 0399                        | M | WILD | WILD | DAL 04         | 2.0.0      | 16/07/82<br>14/04/83<br>16/07/83                                     | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>DALLAS ZOO (L)                                                                     |       | [0 GEN] (Zambezi RVL)<br>(dt of cpt)<br>Nyakasikana<br>(7.0 ys on arrival)                           |                        | 0.000<br>(10)<br>896575                         |
| 0520                        | M | 0399 | 0400 | DAL 07         | 0.0.0      | 03/07/94                                                             | DALLAS ZOO (B)                                                                                                                    |       | [1st GEN] Independence                                                                               | 949049                 | 0.000                                           |
| 0658                        | M | 0399 | 0433 | DAL 08         | 0.0.0      | 04/02/97                                                             | DALLAS ZOO (B)                                                                                                                    |       | [2nd GEN] Moyo                                                                                       | 978555                 | 0.000                                           |
| 0379                        | F | WILD | WILD | LIN 02         | 2.2.0      | 24/03/72<br>10/01/82<br>20/03/82<br>24/03/84<br>18/07/85<br>26/04/00 | UMFOLOZI GN RES (WB)<br>NATAL PARKS BD (TF)<br>TOUCHSTN GN RCH (P)<br>LINN LACOMA RCH (P)<br>FORT WORTH ZOO (L)<br>DALLAS ZOO (L) |       | [0 GEN]<br>(dt of cpt)<br>(Henwood R TVL)<br>Chula<br>Chula<br>Chula<br>(12.0 ys on arrival) at LIN) |                        | 0.000<br><br><br>none<br>9009<br>1208<br>000205 |
| DAL: Status of 05.2001      |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| DISNEY'S AN KGD ( 3. 2. 0 ) |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| 0403                        | M | WILD | 0402 | FOW 05         | 0.0.0      | 18/08/89<br>23/06/97                                                 | FORT WORTH ZOO (B)<br>DISNEY'S AN KGD (L)                                                                                         |       | [1st GEN] Harry<br>Harry                                                                             | 716<br>970094          | 0.000                                           |
| 0486                        | F | 0378 | 0402 | LIN 11         | 1.0.0      | 29/08/83<br>23/08/83<br>23/06/97                                     | LINN LACOMA RCH (BL)<br>FORT WORTH ZOO (LO)<br>DISNEY'S AN KGD (L)                                                                |       | [1st GEN] Kit<br>Kit<br>Kit                                                                          | 0486<br>1355<br>970093 | 0.000                                           |
| 0574                        | F | 0404 | 0405 | MKE 04         | 0.0.0      | 01/01/85<br>01/01/85<br>07/05/98                                     | MILWAUKEE ZOO (BL)<br>RHODES WOLF DPT (LO)<br>DISNEY'S AN KGD (L)                                                                 |       | [1st GEN] Pombe<br>Pombe<br>Pombe                                                                    | 4141<br>(*)<br>981038  | 0.000                                           |
| 0670                        | M | 0401 | 0461 | COY 06         | 1.0.0      | 06/05/96<br>05/08/98                                                 | EL COYOTE RANCH (B)<br>DISNEY'S AN KGD (L)                                                                                        |       | [1st GEN] Travis<br>Travis                                                                           | none<br>981456         | 0.000                                           |
| 0647                        | M | 0670 | 0486 | DSN 01         | 0.0.0      | 13/11/00<br>13/11/00                                                 | DISNEY'S AN KGD (BL)<br>FORT WORTH ZOO (LO)                                                                                       |       | [2nd GEN] Badru<br>Badru                                                                             | 000664<br>200488       | 0.000                                           |
| DSN: Status of 04.2001      |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| EL COYOTE RANCH ( 3. 6. 0 ) |   |      |      |                |            |                                                                      |                                                                                                                                   |       |                                                                                                      |                        |                                                 |
| 0414                        | F | WILD | WILD | COY 02         | 1.2.0      | 18/07/84<br>30/04/89<br>16/07/89                                     | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>EL COYOTE RANCH (P)                                                                |       | [0 GEN]<br>(dt of cpt)<br>Chinjuku-VICTORIA<br>(5.0 ys on arrival)                                   |                        | 0.000<br><br>none                               |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| WB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0*GEN | BIRTH TYPE UNKN   | 1st*GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis* minor

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                            | S | SIRE | DAM  | BREEDER NAME/S | OFF-SPRING | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                       | TERMS | GENERATION/HOUSE NAME                                                                      | ARKS/LOCAL ID                     | FCOEF |
|-----------------------------------|---|------|------|----------------|------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|-----------------------------------|-------|
| <b>USA</b>                        |   |      |      |                |            |                                                          |                                                                                                                  |       |                                                                                            |                                   |       |
| <b>EL COYOTE RANCH</b>            |   |      |      |                |            |                                                          |                                                                                                                  |       |                                                                                            |                                   |       |
| 0424                              | F | WILD | 0414 | COY 03         | 1.1.0      | 11/03/89                                                 | EL COYOTE RANCH (B)                                                                                              |       | [1st GEN] Margarita                                                                        | none                              | 0.000 |
| 0461                              | F | WILD | WILD | COY 04         | 2.2.0      | 22/04/77<br>23/06/91<br>22/04/92                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>EL COYOTE RANCH (P)                                               |       | [0 GEN]<br><dt of cpt><br>Jota-CHANEL<br><15.0 ys on arrival>                              | <9112><br>none                    | 0.000 |
| 0376                              | M | WILD | WILD | LIN 01         | 6.6.0      | 24/03/72<br>10/01/82<br>20/03/82<br>24/03/84<br>18/07/95 | S AFR MKUZI RES (WB)<br>NATAL PARKS BD (TF)<br>TOUCHSTM GM RCH (P)<br>LINN LACOMA RCH (P)<br>EL COYOTE RANCH (L) |       | [0 GEN]<br><dt of cpt><br><Henwood R TVL><br>Macho<br>Macho<br><12.0 ys on arrival at LIN> | 0.000<br><br>none<br>9008<br>none |       |
| 0671                              | F | 0401 | 0424 | COY 07         | 0.0.0      | 24/08/96                                                 | EL COYOTE RANCH (B)                                                                                              |       | [2nd GEN] Salsa                                                                            | none                              | 0.000 |
| 0697                              | F | 0378 | 0461 | COY 08         | 0.0.0      | 16/07/98                                                 | EL COYOTE RANCH (B)                                                                                              |       | [1st GEN] Chilpotle                                                                        | none                              | 0.000 |
| 0779                              | F | 0378 | 0414 | COY 10         | 0.0.0      | 30/05/00                                                 | EL COYOTE RANCH (B)                                                                                              |       | [1st GEN] Chalupa                                                                          | none                              | 0.000 |
| 0845                              | M | 0378 | 0424 | COY 11         | 0.0.0      | 09/11/00                                                 | EL COYOTE RANCH (B)                                                                                              |       | [2nd GEN] Dubya                                                                            | none                              | 0.000 |
| 0858                              | M | 0378 | 0461 | COY 12         | 0.0.0      | 02/01/01                                                 | EL COYOTE RANCH (B)                                                                                              |       | [1st GEN] Sam Houston                                                                      | none                              | 0.000 |
| COY: Status of 05.2001            |   |      |      |                |            |                                                          |                                                                                                                  |       |                                                                                            |                                   |       |
| <b>FORT WORTH ZOO ( 1. 1. 0 )</b> |   |      |      |                |            |                                                          |                                                                                                                  |       |                                                                                            |                                   |       |
| 0411                              | F | 0378 | 0379 | LIN 05         | 0.0.0      | 28/02/89<br>28/02/89<br>19/12/91                         | LINN LACOMA RCH (BL)<br>FORT WORTH ZOO (LO)<br>FORT WORTH ZOO (R)                                                |       | [1st GEN] Mtoto<br>Mtoto<br>Mtoto                                                          | 0411<br>798<br>798                | 0.000 |
| 0465                              | M | WILD | 0468 | SWA 02         | 1.0.0      | 22/02/90<br>27/06/91<br>22/04/92<br>11/11/97<br>12/11/97 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>SANTILL MCALLEN (L)<br>IAE FERNDAL (TF)<br>FORT WORTH ZOO (L)     |       | [1st GEN]<br><dt of cpt><br><TX> Binga<br><shipper><br>Binga<br><2.2 ys on arrival at SWA> | <9115><br>none<br><br>1385        | 0.000 |
| FWO: Status of 01.2001            |   |      |      |                |            |                                                          |                                                                                                                  |       |                                                                                            |                                   |       |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | B       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD<br>#                         | S | SIRE | DAM  | BREEDER<br>NAME/S | OFF-<br>SPRING | DATE OF<br>BIRTH/<br>ARRIVAL                             | LOCATION OF<br>BIRTH/<br>TRANSFER                                                                               | TERMS | GENERATION/<br>HOUSE NAME                                                                   | ARKS/<br>LOCAL<br>ID       | FCDEF |
|-----------------------------------|---|------|------|-------------------|----------------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------|----------------------------|-------|
| <b>USA</b>                        |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| GLN ROSE FOSSIL ( 1. 4. 0)        |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| 0466                              | F | WILD | WILD | FOS 01            | 0.2.0          | 22/04/77<br>28/05/91<br>22/04/92                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>GLN ROSE FOSSIL (P)                                              |       | [0 GEN]<br>(dt of cpt)<br>Sinampande<br>(15.0 ys on arrival)                                | (9118)<br>9118             | 0.000 |
| 0401                              | M | WILD | WILD | FOW 03            | 1.4.0          | 17/07/85<br>30/04/85<br>15/07/85<br>27/07/91<br>18/07/95 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>FORT WORTH ZOO (L)<br>EL COYOTE RANCH (L)<br>GLN ROSE FOSSIL (L) |       | [0 GEN]<br>(dt of cpt)<br>Gota Gota<br>Gota Gota<br>Gota Gota<br>(4.0 ys on arrival at FOW) | (*)<br>714<br>none<br>9121 | 0.000 |
| 0462                              | F | WILD | 0461 | COY 05            | 0.3.0          | 01/12/90<br>23/08/91<br>22/04/92<br>18/07/95             | S AFR ZIMBABWE (B)<br>RHODES WOLF DPT (TF)<br>EL COYOTE RANCH (P)<br>GLN ROSE FOSSIL (L)                        |       | [1st GEN]<br>(dt of cpt)<br>Charere<br>COCO<br>(1.4 ys on arrival at COY)                   | (9113)<br>none<br>9122     | 0.000 |
| 0718                              | F | 0401 | 0462 | FOS 08            | 0.0.0          | 09/08/99<br>09/08/99                                     | GLN ROSE FOSSIL (BL)<br>FORT WORTH ZOO (LO)                                                                     |       | [2nd GEN] Mupane<br>Mupane                                                                  | 9125<br>1514               | 0.000 |
| 0863                              | F | 0401 | 0462 | FOS 09            | 0.0.0          | 19/08/01                                                 | GLN ROSE FOSSIL (B)                                                                                             |       | [2nd GEN]                                                                                   | 9126                       | 0.000 |
| FOS: Status of 06.2001            |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| <b>LOS ANGELES ZOO ( 0. 1. 0)</b> |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| 0336                              | F | WILD | 0334 | LAX 09            | 0.0.0          | 21/04/83                                                 | LOS ANGELES ZOO (B)                                                                                             |       | [1st GEN] Shabani-ZOE                                                                       | 001155                     | 0.000 |
| LAX: Status of 03.2001            |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| <b>MILWAUKEE ZOO ( 2. 2. 0)</b>   |   |      |      |                   |                |                                                          |                                                                                                                 |       |                                                                                             |                            |       |
| 0404                              | M | WILD | WILD | MKE 01            | 2.1.0          | 19/07/84<br>12/04/89<br>18/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>MILWAUKEE ZOO (L)                                                |       | [0 GEN]<br>(dt of cpt)<br>Brewster<br>(5.0 ys on arrival)                                   | (*)<br>3371                | 0.000 |
| 0405                              | F | WILD | WILD | MKE 02            | 2.1.0          | 20/07/81<br>12/04/89<br>18/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>MILWAUKEE ZOO (L)                                                |       | [0 GEN]<br>(dt of cpt)<br>Barley<br>(8.0 ys on arrival)                                     | (*)<br>3372                | 0.000 |
| 0705                              | M | 0404 | 0405 | MKE 05            | 0.0.0          | 22/10/98<br>22/10/98                                     | MILWAUKEE ZOO (BL)<br>RHODES WOLF DPT (LO)                                                                      |       | [1st GEN] Buster<br>Buster                                                                  | 4474<br>(*)                | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DOMATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                            | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                 | TERMS                                                                    | GENERATION/HOUSE NAME | ARES/LOCAL ID        | FCDEF |
|-----------------------------------|---|------|------|----------------|------------|----------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------|----------------------|-------|
| <b>U S A</b>                      |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| <b>MILWAUKEE ZOO</b>              |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| 0659                              | F | 0401 | 0462 | FOS 07         | 0.0.0      | 02/02/97<br>02/02/97<br>16/04/99             | GLN ROSE FOSSIL (BL)<br>EL COYOTE RANCH (LO)<br>MILWAUKEE ZOO (L)                          | [2nd GEN] Onyx<br>Onyx<br>Onyx                                           |                       | 9124<br>none<br>4527 | 0.000 |
| NOTE: Status of 05.2001           |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| <b>SAN DIEGO ZOO ( 2. 1. 0)</b>   |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| 0390                              | M | WILD | WILD | SDZ 04         | 2.1.0      | 15/05/86<br>10/12/86<br>15/12/87             | HLUHLUWE GN RES (WB)<br>NATAL PARKS BD (TF)<br>SAN DIEGO ZOO (D)                           | [0 GEN]<br><dt of cpt><br>Gundwane<br>(1.7 ys on arrival)                |                       |                      | 0.000 |
| 0392                              | F | WILD | WILD | SDZ 05         | 2.1.0      | 18/03/86<br>16/03/89<br>18/07/89             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>SAN DIEGO ZOO (L)                           | [0 GEN] <Zambezi RVL><br><dt of cpt><br>Chirundu<br>(3.4 ys on arrival)  |                       |                      | 0.000 |
| 0681                              | M | 0390 | 0392 | SDZ 09         | 0.0.0      | 31/05/97                                     | SAN DIEGO ZOO (B)                                                                          | [1st GEN] Limpopo                                                        |                       | 557233               | 0.000 |
| SDZ: Status of 04.2001            |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| <b>YULEE WHITE OAK ( 7. 2. 0)</b> |   |      |      |                |            |                                              |                                                                                            |                                                                          |                       |                      |       |
| 0458                              | F | WILD | WILD | YUL 01         | 3.0.0      | 22/04/82<br>27/06/91<br>22/04/92<br>22/09/01 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>YULEE WHITE OAK (P)<br>D E A T H            | [0 GEN]<br><dt of cpt><br>Mwenda<br><10.0 ys on arrival>                 |                       |                      | 0.000 |
| 0522                              | M | WILD | WILD | YUL 03         | 4.0.0      | 31/07/87<br>01/04/88<br>02/04/88<br>31/07/94 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PAMUZINDA RANCH (TF)<br>YULEE WHITE OAK (P) | [0 GEN]<br><dt of cpt><br><in for HR><br>Tortoise<br>(7.0 ys on arrival) |                       | none<br>940326       | 0.000 |
| 0523                              | M | WILD | WILD | YUL 04         | 2.0.0      | 31/07/87<br>01/04/88<br>02/04/88<br>31/07/94 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PAMUZINDA RANCH (TF)<br>YULEE WHITE OAK (P) | [0 GEN]<br><dt of cpt><br><in for HR><br>Clap<br>(7.0 ys on arrival)     |                       | none<br>940329       | 0.000 |
| 0402                              | F | WILD | WILD | FOW 04         | 3.1.0      | 19/07/79<br>30/04/89<br>16/07/89             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>FORT WORTH ZOO (L)                          | [0 GEN]<br><dt of cpt><br>Ngwete<br>continued next page                  |                       |                      | 0.000 |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

WORLD LIVING POPULATION by CONTINENTS - NORTH AMERICA

| STUD #                 | S | SIRE | DAM  | BREEDER NAME/# | OFF-SPRING | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME | ARKS/LOCAL ID               | FCOEF |
|------------------------|---|------|------|----------------|------------|-----------------------|----------------------------|-------|-----------------------|-----------------------------|-------|
| USA                    |   |      |      |                |            |                       |                            |       |                       |                             |       |
| YULEE WHITE OAK        |   |      |      |                |            |                       |                            |       |                       |                             |       |
| 0402                   |   |      |      |                |            | 06/01/92              | LINN LACOMA RCH (L)        |       | Ngwete                | 0402                        |       |
|                        |   |      |      |                |            | 13/07/95              | YULEE WHITE OAK (L)        |       | Ngwete                | 950340                      |       |
|                        |   |      |      |                |            |                       |                            |       |                       | (10.0 ys on arrival at FOW) |       |
| 0410                   | F | WILD | WILD | LIN 06         | 4.1.0      | 17/05/83              | S AFR NATAL (WB)           |       | [0 GEN]               |                             | 0.000 |
|                        |   |      |      |                |            | 10/05/87              | TOUCHSTN GM RCH (P)        |       | (Henwood R TVL)       | none                        |       |
|                        |   |      |      |                |            | 17/05/89              | LINN LACOMA RCH (P)        |       | Thombi                | 410                         |       |
|                        |   |      |      |                |            | 19/07/95              | YULEE WHITE OAK (L)        |       | Thombi                | 950339                      |       |
|                        |   |      |      |                |            |                       |                            |       |                       | (6.0 ys on arrival at LIN)  |       |
| 0656                   | M | 0522 | 0402 | YUL 06         | 0.0.0      | 23/01/97              | YULEE WHITE OAK (B)        |       | [1st GEN] Tom         | 970004                      | 0.000 |
| 0657                   | M | 0522 | 0410 | YUL 07         | 0.0.0      | 06/02/97              | YULEE WHITE OAK (B)        |       | [1st GEN] Tom C       | 970006                      | 0.000 |
| 0521                   | M | 0378 | 0410 | LIN 12         | 0.0.0      | 30/05/94              | LINN LACOMA RCH (BL)       |       | [1st GEN] Chirundu    | 0521                        | 0.000 |
|                        |   |      |      |                |            | 30/05/94              | FORT WORTH ZOO (LO)        |       | LEE                   | 1357                        |       |
|                        |   |      |      |                |            | 23/06/97              | DISNEY'S AN KGD (L)        |       | Lee                   | 970091                      |       |
|                        |   |      |      |                |            | 24/02/99              | DISNEY'S AN KGD (D)        |       | Lee                   | 970091                      |       |
|                        |   |      |      |                |            | 05/03/99              | YULEE WHITE OAK (D)        |       | Lee                   | 990302                      |       |
| 0770                   | M | 0522 | 0402 | YUL 09         | 0.0.0      | 28/02/00              | YULEE WHITE OAK (BL)       |       | [1st GEN] Micky       | Y04010                      | 0.000 |
|                        |   |      |      |                |            | 28/02/00              | FORT WORTH ZOO (LO)        |       | Micky                 | 200187                      |       |
| 0783                   | M | 0522 | 0410 | YUL 10         | 0.0.0      | 05/08/00              | YULEE WHITE OAK (B)        |       | [1st GEN] Kidogo      | Y04016                      | 0.000 |
| YUL: Status of 09.2001 |   |      |      |                |            |                       |                            |       |                       |                             |       |

Total North American (SSP) population 42 ( 22.20. 0 ) Individuals

18 institution total world-wide 74 ( 37. 35. 2 ) Individuals

Compiler: Hannelore Mercado

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

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**Zusammenfassung**

**Welt-Lebendbestand nach Kontinenten**

*Diceros bicornis michaeli* and  
*Diceros bicornis minor*

**Summary**

**World living population by continents**

Black rhinoceros - *Diceros bicornis*

SUMMARY - WORLD LIVING POPULATION

|                    |                 |                  |                                  |                 |                   |
|--------------------|-----------------|------------------|----------------------------------|-----------------|-------------------|
| <b>Africa</b>      |                 |                  | <b>North America</b>             |                 |                   |
|                    | TOTAL           | 46 ( 17. 23. 6 ) |                                  | TOTAL           | 109 ( 62. 47. 0 ) |
|                    | <i>michaeli</i> | 33 ( 11. 18. 4 ) |                                  | <i>michaeli</i> | 67 ( 40. 27. 0 )  |
|                    | <i>minor</i>    | 13 ( 6. 5. 2 )   |                                  | <i>minor</i>    | 42 ( 22. 20. 0 )  |
| <b>Asia</b>        |                 |                  | <b>Central America</b>           |                 |                   |
|                    | TOTAL           | 33 ( 14. 19. 0 ) |                                  | TOTAL           | 1 ( 1. 0. 0 )     |
|                    | <i>michaeli</i> | 27 ( 11. 16. 0 ) |                                  | <i>michaeli</i> | 1 ( 1. 0. 0 )     |
|                    | <i>minor</i>    | 6 ( 3. 3. 0 )    |                                  | <i>minor</i>    | 0 ( 0. 0. 0 )     |
| <b>Australasia</b> |                 |                  |                                  |                 |                   |
|                    | TOTAL           | 12 ( 6. 6. 0 )   |                                  |                 |                   |
|                    | <i>michaeli</i> | 1 ( 1. 0. 0 )    |                                  |                 |                   |
|                    | <i>minor</i>    | 11 ( 5. 6. 0 )   |                                  |                 |                   |
| <b>Europe</b>      |                 |                  | <b>CURRENT living population</b> |                 |                   |
|                    | TOTAL           | 74 ( 25. 49. 0 ) |                                  | TOTAL           | 275 (125,144. 6 ) |
|                    | <i>michaeli</i> | 72 ( 24. 48. 0 ) |                                  | <i>michaeli</i> | 201 ( 88,109. 4 ) |
|                    | <i>minor</i>    | 2 ( 1. 1. 0 )    |                                  | <i>minor</i>    | 74 ( 37. 35. 2 )  |

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

---

**Zuchtbuch-Population des  
Östlichen Spitzmaulashorns numerisch dargestellt**

*Diceros bicornis michaeli*

**Studbook population of the  
Eastern Black rhinoceros in numerical order**

**Compiled by: Hannelore Mercado**

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                         | TERMS                                    | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                     | BREEDER NAME/# | ARKS/LOCAL ID          | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|---------------|-------|------------|
| 0001   | M | WILD | WILD | 02/07/49<br>01/10/51<br>02/07/57                                     | TZN EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>BERLIN ZOO (P)                                                                      | (WB)<br>(P)<br>(P)                       | [0 GEN] (Mt Meru Reg)<br>(importer)<br>Meru<br>(8.0 ys on arrival at BE)<br>(source Rookmaker:<br>date HBG)<br>CACHEXIA                                                          | BE 02          |                        |               | 0.000 | 0.0.0      |
|        |   |      |      |                                                                      |                                                                                                                                    |                                          |                                                                                                                                                                                  |                | 570008                 | 04/02/75      |       |            |
| 0002   | F | WILD | WILD | 05/08/50<br>30/07/54<br>05/08/54<br>28/10/76<br>28/10/76<br>29/10/76 | TZN EAST AFRICA (WB)<br>FOCKELMANN HBG (P)<br>BERLIN ZOO (P)<br>DEL GARDIA ZOOPC (P)<br>KANO STATE ZOO (TF)<br>JOS WILDLF PARK (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(TF)<br>(P) | [0 GEN] (Mt Meru Reg)<br>(importer)<br>Arusha<br>(Denner) Arusha<br>(dt of arrival)<br>(W Afr) MERU<br>(4.0 ys on arrival at BE)<br>mortal INJURIES<br>inflicted by<br>Male mate | BE 01          |                        |               | 0.000 | 0.0.0      |
|        |   |      |      |                                                                      |                                                                                                                                    |                                          |                                                                                                                                                                                  |                | 540002<br>none<br>none | 05/07/77      |       |            |
| 0003   | M | WILD | WILD | 06/01/51<br>30/08/51<br>06/09/51                                     | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>BERLIN TIERPARK (P)                                                                    | (WB)<br>(P)<br>(P)                       | [0 GEN]<br>(importer)<br>Pape<br>(8 ms on arrival)<br>PULMONARY MYCOSIS                                                                                                          | TI 04          |                        |               | 0.000 | 0.0.0      |
|        |   |      |      |                                                                      |                                                                                                                                    |                                          |                                                                                                                                                                                  |                | none                   | 06/11/89      |       |            |
| 0004   | F | WILD | WILD | 17/10/51<br>10/10/55<br>17/10/55                                     | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>BERLIN TIERPARK (P)                                                                    | (WB)<br>(P)<br>(P)                       | [0 GEN]<br>(importer)<br>Faru<br>(5.0 ys on arrival)<br>PULMONARY MYCOSIS                                                                                                        | TI 01          |                        |               | 0.000 | 0.0.0      |
|        |   |      |      |                                                                      |                                                                                                                                    |                                          |                                                                                                                                                                                  |                | none                   | 18/05/70      |       |            |
| 0005   | M | WILD | WILD | 05/05/48<br>30/04/50<br>05/05/50                                     | TZN EAST AFRICA (WB)<br>FOCKELMANN HBG (P)<br>FRANKFURT/M ZOO (P)                                                                  | (WB)<br>(P)<br>(P)                       | [0 GEN]<br>(importer)<br>FRA 01-Peter<br>(2.0 ys on arrival)<br>(source Rookmaker:<br>origin/age)<br>multiple ABSCESS<br>in lungs                                                | FRA 03         |                        |               | 0.000 | 1.2.1      |
|        |   |      |      |                                                                      |                                                                                                                                    |                                          |                                                                                                                                                                                  |                | 390                    | 02/02/78      |       |            |
| 0006   | F | 0005 | 0544 | 10/12/58                                                             | FRANKFURT/M ZOO (B)                                                                                                                | (B)                                      | [1st GEN] FRA 02-Lemuta<br>suppurative<br>PNEUMONIA/<br>HAEMOLYTIC<br>ANAEMIA                                                                                                    | FRA 07         | 394                    | 29/11/71      | 0.000 | 0.1.1      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | SEX | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                                        | LOCATION OF BIRTH/TRANSFER                                                                                                                                         | TERMS                                                   | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                             | BREEDER ARLS/<br>NAME/#<br>LOCAL<br>ID                     | DATE OF<br>DEATH                 | FCOEF | OFF-<br>SPRING |
|--------|-----|------|------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------|-------|----------------|
| 0007   | M   | WILD | WILD | 12/08/57<br>05/05/61<br>12/06/61                                                             | KNY EAST AFRICA (WB)<br>LOCKAU TANZANIA (P)<br>HANOVER ZOO (P)                                                                                                     | (WB)<br>(P)<br>(P)                                      | [0 GEN] (Isiolo Reg)<br>(exporter)<br>Conny<br>(4.0 ys on arrival)<br>(source Rookwaaker:<br>origin)<br>ACTINOMYCOSIS/<br>EUTH                                      | HAN 02<br><br>IV3                                          | <br><br>29/01/73                 | 0.000 | 3.1.0          |
| 0008   | F   | WILD | WILD | 20/07/55<br>10/07/60<br>20/07/60                                                             | TZN EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>HANOVER ZOO (P)                                                                                                        | (WB)<br>(P)<br>(P)                                      | [0 GEN] (Maraveldt Reg)<br>(importer)<br>Susi<br>(5.0 ys on arrival)<br>(source Rookwaaker:<br>origin)<br>rapid DETERIORATION/<br>SENILITY old age-<br>related/EUTH | HAN 01<br><br>IV4                                          | <br><br>25/03/86                 | 0.000 | 3.1.0          |
| 0009   | M   | WILD | WILD | 29/08/65<br>01/01/66<br>22/05/66<br>23/05/66<br>10/07/67<br>28/08/67<br>29/08/67<br>27/04/94 | KNY TSAVO NP (WB)<br>KNY SM WRD DPT (TF)<br>RUHE HANOVER (P)<br>GELSENK RUHRZOO (L)<br>HANOVER ZOO (L)<br>RUHE HANOVER (R)<br>MAGDEBURG ZOO (TD)<br>BERLIN ZOO (L) | (WB)<br>(TF)<br>(P)<br>(L)<br>(L)<br>(R)<br>(TD)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(importer)<br>no name<br>no name<br>no name<br>Kibo<br>Kibo<br>(2.2 ys on arrival at MAG)<br>PULMONARY MYCOSIS                            | MAG 01<br><br><br>none<br>none<br>none<br>560001<br>940002 | <br><br><br><br><br><br>27/09/99 | 0.000 | 2.2.0          |
| 0010   | M   | WILD | WILD | 22/01/37<br>10/07/38<br>22/07/38                                                             | KNY EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>COPENHAGEN ZOO (P)                                                                                                  | (WB)<br>(P)<br>(P)                                      | [0 GEN]<br>(importer)<br>Faru<br>(1.6 ys on arrival)<br>PNEUMONIA/<br>EUTH                                                                                          | CPH 01<br><br>none                                         | <br><br>19/08/69                 | 0.000 | 0.0.0          |
| 0011   | re  |      |      |                                                                                              |                                                                                                                                                                    |                                                         |                                                                                                                                                                     |                                                            |                                  |       |                |
| 0012   | F   | WILD | WILD | 02/10/53<br>16/04/57<br>02/10/59                                                             | TZN EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>AMSTERDAM ZOO (P)                                                                                                   | (WB)<br>(P)<br>(P)                                      | [0 GEN]<br>(importer)<br>Farou I<br>(6.0 ys on arrival)<br>ESCAPED/EUTH                                                                                             | AMS 05<br><br>none                                         | <br><br>13/04/67                 | 0.000 | 0.0.0          |
| 0013   | M   | WILD | WILD | 09/01/65<br>05/01/66                                                                         | KNY EAST AFRICA (WB)<br>BRINK SOEST NL (P)                                                                                                                         | (WB)<br>(P)                                             | [0 GEN]<br>(importer)<br>continued next page                                                                                                                        | ARN 05                                                     |                                  | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                        | BREEDER NAME/#<br>LOCAL ID | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------|---|------|-----------------------|----------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------|-------|------------|
| 0013   |   |      | 09/01/65              | APNHEM ZOO                 | (P)   | Pinocio<br>(1.0 y on arrival)<br>COLIC/EUTH                                                                                                    | 5995                       | 01/01/69      |       |            |
| 0014   | F | WILD | 09/01/65              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                        | ARN 05                     |               | 0.000 | 0.0.0      |
|        |   |      | 05/01/66              | BRINK SOEST NL             | (P)   | <importer>                                                                                                                                     |                            |               |       |            |
|        |   |      | 09/01/66              | APNHEM ZOO                 | (P)   | Berta                                                                                                                                          | 5997                       |               |       |            |
|        |   |      | 20/05/70              | SPINK SOEST NL             | (P)   | Berta                                                                                                                                          |                            |               |       |            |
|        |   |      | 24/05/70              | ZOOCTR MOSCOW              | (TF)  | <shipper>                                                                                                                                      |                            |               |       |            |
|        |   |      | 30/05/70              | ALMA-ATA ZOO               | (P)   | SISSY<br>(1.0 y on arrival at ARN)<br>Stachybotrys<br>toxicosis from<br>ingestion of<br><fungal><br>taminated feed                             | none                       | 08/02/71      |       |            |
| 0015   | F | WILD | 03/06/55              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                        | ANT 01                     |               | 0.000 | 0.0.0      |
|        |   |      | 03/05/55              | KNY GW WBD OPT             | (TF)  | <dt of cpt>                                                                                                                                    |                            |               |       |            |
|        |   |      | 01/07/56              | SEAGO J NAIROBI            | (P)   | <exporter>                                                                                                                                     |                            |               |       |            |
|        |   |      | 03/05/55              | ANTWERP ZOO                | (P)   | Jessica<br>(1.2 ys on arrival)<br>generalized TB/<br>EUTH                                                                                      | none                       | 05/11/69      |       |            |
| 0016   | M | WILD | 15/07/63              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                        | LON 07                     |               | 0.000 | 0.2.0      |
|        |   |      | 10/06/66              | SEAGO J NAIROBI            | (P)   | <exporter>                                                                                                                                     |                            |               |       |            |
|        |   |      | 15/07/65              | LON-REGEN'T'S PK           | (P)   | Paul<br>(3.0 ys on arrival)<br>susp. COLIC-<br>PM inconclusive                                                                                 | A3035                      | 18/12/73      |       |            |
| 0017   | F | WILD | 15/07/64              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                        | LON 08                     |               | 0.000 | 2.4.0      |
|        |   |      | 10/05/66              | SEAGO J NAIROBI            | (P)   | <exporter>                                                                                                                                     |                            |               |       |            |
|        |   |      | 15/07/65              | LON-REGEN'T'S PK           | (P)   | RP 6502-June                                                                                                                                   | A512                       |               |       |            |
|        |   |      | 11/10/91              | PORT LYMPNE                | (L)   | June<br>(2.0 ys on arrival at LON)<br>Prolapsus uteri<br>after birth giving<br>to 0449-<br>ANAESTHETIC death<br>on attempt to<br>remove uterus | P91042                     | 28/12/91      |       |            |
| 0018   | M | WILD | 26/07/62              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                        | WHI 03                     |               | 0.000 | 7.6.0      |
|        |   |      | 20/05/63              | SEAGO J NAIROBI            | (P)   | <exporter>                                                                                                                                     |                            |               |       |            |

continued next page

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

0?GEN BIRTH TYPE UNKN 1st?GEN PARENTS UNKN

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                               | BREEDER NAME/LOCAL ID | ARKS/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|------|------|-----------------------|----------------------------|-------|-----------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|---------------|-------|------------|
| 0018   |      |      | 28/07/63              | LON-WHIPNADE               | (P)   | Bwana Mhubwa                                                                                                          |                       | none          |               |       |            |
|        |      |      | 01/04/74              | LON-REGENT'S PK            | (TD)  | FRED                                                                                                                  |                       | A3024         |               |       |            |
|        |      |      | 24/06/75              | LON-WHIPNADE               | (TD)  | Bwana Mhubwa                                                                                                          |                       | none          |               |       |            |
|        |      |      | 28/04/77              | LON-REGENT'S PK            | (TD)  | Fred                                                                                                                  |                       | A3024         |               |       |            |
|        |      |      | 25/04/78              | LON-WHIPNADE               | (TD)  | Bwana Mhubwa                                                                                                          |                       | none          |               |       |            |
|        |      |      | 16/10/78              | LON-REGENT'S PK            | (TD)  | Fred                                                                                                                  |                       | A3024         |               |       |            |
|        |      |      | 14/05/85              | LON-WHIPNADE               | (D)   | Bwana Mhubwa                                                                                                          |                       | none          |               |       |            |
|        |      |      | 08/05/88              | PORT LYMPNE                | (L)   | Bwana Mhubwa                                                                                                          |                       | P66001        |               |       |            |
|        |      |      |                       |                            |       | (1.0 y on arrival at WHI)<br>sudden dth of<br>UNK MEANS -<br>PM conducted at LON -<br>no INFO submitted<br>on request |                       |               | 19/04/91      |       |            |
| 0019   | F    | WILD | 26/07/62              | KNY EAST AFRICA            | (WB)  | [D GEN]                                                                                                               | WHI 04                |               |               | 0.000 | 5.4.0      |
|        |      |      | 20/06/63              | SEAGO J MAIROBI            | (P)   | (exporter)                                                                                                            |                       |               |               |       |            |
|        |      |      | 26/07/63              | LON-WHIPNADE               | (P)   | Mama Kidogo                                                                                                           |                       | none          |               |       |            |
|        |      |      | 19/01/88              | LON-REGENT'S PK            | (TD)  | STUMPY                                                                                                                |                       | A514          |               |       |            |
|        |      |      | 06/03/89              | PORT LYMPNE                | (L)   | Mama Kidogo                                                                                                           |                       | P66000        |               |       |            |
|        |      |      |                       |                            |       | (1.0 y on arrival at WHI)<br>breach presentation<br>of 0557-Prolapse recti -<br>CAESARIAN performed -<br>ANAESTHETIC  |                       |               | 03/03/95      |       |            |
| 0020   | M    | WILD | 18/10/49              | KNY EAST AFRICA            | (WB)  | [D GEN]                                                                                                               | BRI 01                |               |               | 0.000 | 2.3.0      |
|        |      |      | 01/09/52              | SEAGO J MAIROBI            | (P)   | (exporter)                                                                                                            |                       |               |               |       |            |
|        |      |      | 18/10/52              | BRISTOL ZOO                | (P)   | Willie                                                                                                                |                       | 1950          |               |       |            |
|        |      |      |                       |                            |       | (3.0 ys on arrival)<br>multiple<br>GASTRIC ULCERS/<br>ulcerative<br>DERMATOSIS/<br>PULMONARY EMPHYSEMA                |                       |               | 07/04/72      |       |            |
| 0021   | F    | WILD | 18/10/49              | KNY EAST AFRICA            | (WB)  | [D GEN]                                                                                                               | BRI 02                |               |               | 0.000 | 2.3.0      |
|        |      |      | 01/03/52              | SEAGO J MAIROBI            | (P)   | (exporter)                                                                                                            |                       |               |               |       |            |
|        |      |      | 18/10/52              | BRISTOL ZOO                | (P)   | Stephanie                                                                                                             |                       | 1949          |               |       |            |
|        |      |      |                       |                            |       | (3.0 ys on arrival)<br>chronic HEPATOSIS<br>or<br>poss. AFLATOXICOSIS/<br>EUTH                                        |                       |               | 25/04/71      |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                   | TERMS                                    | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                        | BREEDER NAME/ LOCAL ID | DATE OF DEATH                          | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------------|-------|------------|
| 0022   | M | 0027 | 0008 | 26/05/65<br>25/06/66<br>26/06/66<br>06/05/74<br>22/03/78<br>15/10/78 | HANOVER ZOO<br>RUHE HANOVER<br>BRISTOL ZOO<br>BRISTOL ZOO<br>LCN-PESENT'S PK<br>LCN-WHIPNADE | (B)<br>(TF)<br>(P)<br>(TF)<br>(L)<br>(L) | [1st GEN] Kaspar (shipper)<br>(Hollywd Tw Est)<br>RUPERT<br>Fupert<br>Fupert<br>susp. chronic HAEMOLYTIC ANAEMIA - no AUTOPSY                         | HAN 03                 | 19275<br>1954<br>1954<br>A3040<br>none | 0.000 | 1.0.0      |
| 0023   | F | 0020 | 0021 | 24/08/64<br>26/06/66                                                 | BRISTOL ZOO<br>BRISTOL ZOO                                                                   | (B)<br>(TF)                              | [1st GEN] Rhona (Hollywd Tw Est)<br>died following ANTI-TETANUS injection for damaged horn                                                            | BRI 05                 | 1953<br>1953                           | 0.000 | 0.0.0      |
| 0024   | M | 0020 | 0021 | 22/02/58<br>07/05/60                                                 | BRISTOL ZOO<br>CHESTER ZOO                                                                   | (B)<br>(P)                               | [1st GEN] Roger<br>Roger<br>ATAxia/<br>general DECLINE in HEALTH/<br>SENILITY                                                                         | BRI 03                 | 1951<br>none                           | 0.000 | 2.1.0      |
| 0025   | F | WILD | WILD | 03/10/55<br>12/05/59<br>03/10/59                                     | ANY EAST AFRICA<br>SEAGO J NAIROBI<br>CHESTER ZOO                                            | (WB)<br>(P)<br>(P)                       | [0 GEN]<br>(exporter)<br>Susie<br>(3.0 ys on arrival)<br>chronic ANAEMIA/<br>ANOXIA/<br>acute purulent PNEUMONIA/<br>sub-acute INTERSTITIAL NEPHRITIS | CHE 01                 | none                                   | 0.000 | 2.1.0      |
| 0026   | M | WILD | WILD | 15/01/54<br>10/06/55<br>15/07/55                                     | ANY EAST AFRICA<br>SEAGO J NAIROBI<br>MANCH BELLE VUE                                        | (WB)<br>(P)<br>(P)                       | [0 GEN]<br>(exporter)<br>Barry<br>(2.6 ys on arrival)<br>VOLVULUS                                                                                     | HAN 02                 | none                                   | 0.000 | 0.0.0      |
| 0027   | F | WILD | WILD | 13/05/51<br>08/07/54                                                 | ANY EAST AFRICA<br>SEAGO J NAIROBI                                                           | (WB)<br>(P)                              | [0 GEN]<br>(exporter)                                                                                                                                 | HAN 01                 |                                        | 0.000 | 0.0.0      |

continued next page

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | SIRE   | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                   | TERMS                            | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                        | BREEDER ARKS/NAME/LOCAL ID               | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|--------|------|----------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------|-------|------------|
| 0027   |        |      | 13/08/64                                                 | MANCH BELLE VUE                                                              | (P)                              | Maggie-SHEILA<br>(3.0 ys on arrival)<br>septic DERMATITIS/<br>CARDIAC ARREST                                                                        | none                                     | 01/03/75      |       |            |
| 0028   | M 0020 | 0021 | 28/12/61<br>26/04/63                                     | BRISTOL ZOO<br>DUBLIN PHOENIX                                                | (B)<br>(P)                       | [1st GEN] Ronald<br>Ronald<br>IMPACTION of<br>STOMACH                                                                                               | BRI 04<br>1952<br>63M005                 | 27/10/71      | 0.000 | 1.0.0      |
| 0029   | F 0582 | 0583 | 29/08/60<br>14/05/62                                     | ROTTERDAM ZOO<br>DUBLIN PHOENIX                                              | (B)<br>(P)                       | [1st GEN] Laura<br>Laura<br>SHOCK due to<br>massive OEDEMA in<br>submucosa of CAECUM/<br>large INTESTINE                                            | ROT 03<br>105407<br>62M009               | 19/11/76      | 0.000 | 1.0.0      |
| 0030   | F WILD | WILD | 06/10/57<br>01/09/59<br>06/10/59                         | KNY EAST AFRICA<br>SEAGO J NAIROBI<br>PARIS ZOO                              | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(exporter)<br>Judy-JULY<br>(est. 2.0 ys on arrival)<br>HAEMORRHAGIC<br>FRACTURE<br>of the horn                                           | PAR 01<br>259356                         | 21/11/74      | 0.000 | 0.0.0      |
| 0031   | M WILD | WILD | 24/09/47<br>01/08/49<br>24/09/49                         | TZN EAST AFRICA<br>KUENZLER ARUSHA<br>ZURICH ZOO                             | (WB)<br>(P)<br>(P)               | [0 GEN] (Yarida Reg)<br>(exporter)<br>Billi<br>(2.0 ys on arrival)<br>chronic ARTHROSIS in<br>left knee -/hip joint/<br>GLOMERULONEPHRITIS/<br>EUTH | ZRH 01<br>490001                         | 10/05/83      | 0.000 | 0.1.0      |
| 0032   | F WILD | WILD | 30/05/61<br>28/05/64<br>28/05/64<br>28/05/65<br>30/05/65 | KNY EAST AFRICA<br>RUHE HANOVER<br>HANOVER ZOO<br>RUHE HANOVER<br>ZURICH ZOO | (WB)<br>(P)<br>(L)<br>(R)<br>(P) | [0 GEN]<br>(importer)<br>no name<br>Susie<br>(4.0 ys on arrival)<br>poor health<br>for some years/<br>poor eyesight/<br>could barely stand/<br>EUTH | ZRH 03<br>none<br>none<br>none<br>650003 | 11/05/00      | 0.000 | 0.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TB | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                                        | LOCATION OF BIRTH/TRANSFER                                                                                                                                              | TERMS                                                 | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                                    | BREEDER ARKS/<br>NAME/#<br>LOCAL ID                | DATE OF DEATH                | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------|-------|----------------|
| 0033   | F | #ILD | WILD | 24/09/47<br>01/08/49<br>24/03/49                                                             | TZN EAST AFRICA (WB)<br>KUENZLER ARUSHA (P)<br>ZURICH ZOO (P)                                                                                                           | (WB)<br>(P)<br>(P)                                    | [0 GEN]<br>(exporter)<br>Faru<br>(2.0 ys on arrival)<br>cancerous THYROID/<br>NEPHRITIS/ARTHRITIS/<br>HAEMOSIDEROSIS in<br>liver/lung/spleen/<br>lymph nodes/kidneys/<br>EUTH                              | ZRH 02<br><br>490003                               | <br><br>31/12/82             | 0.000 | 0.0.0          |
| 0034   | M | WILD | WILD | 05/07/64<br>01/05/65<br>05/07/65<br>14/05/72<br>26/09/72<br>28/09/72                         | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>TORINO ZOO (P)<br>RUHE HANOVER (P)<br>ZEEHANDELAAR NY (P)<br>ATLANTA ZOO (P)                                             | (WB)<br>(P)<br>(P)<br>(P)<br>(P)<br>(P)               | [0 GEN]<br>(exporter)<br>Swana<br>Swana<br>Swana<br>SAM<br>(2.0 ys on arrival at TRN)<br>ulcerative nasal<br>GRANULOMA infected<br>with fungal organism><br>RHINORRAGIA><br>severe ANAEMIA><br>ANAESTHETIC | TRN 02<br><br>none<br>none<br><br>720485           | <br><br><br><br><br>23/04/87 | 0.000 | 0.0.0          |
| 0035   | F | #ILD | WILD | 22/01/64<br>20/05/65<br>22/06/65<br>05/10/72<br>09/10/72<br>13/10/72<br>14/10/72<br>30/05/90 | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>TORINO ZOO (P)<br>KUENZLER BREMEN (P)<br>RUHE BRUNKENSEN (P)<br>ZOOCTR MOSCOW (P)<br>ALMA-ATA ZOO (P)<br>TALLINN ZOO (L) | (WB)<br>(P)<br>(P)<br>(P)<br>(P)<br>(P)<br>(P)<br>(L) | [0 GEN]<br>(exporter)<br>Sheiba<br>Sheiba<br>Sheiba<br>Sheiba<br>MALYSHKA<br>MACHA<br>(1.5 ys on arrival at TRN)<br>OLD AGE-related                                                                        | TRN 01<br><br>none<br>none<br>none<br>none<br>3259 | <br><br><br><br><br>04/02/99 | 0.000 | 0.0.0          |
| 0036   | M | WILD | WILD | 06/05/63<br>01/03/64<br>06/07/64                                                             | KNY EAST AFRICA (WB)<br>KNY SM WRD OPT (TF)<br>NAPLES ZOO (O)                                                                                                           | (WB)<br>(TF)<br>(O)                                   | [0 GEN]<br>(dt of cpt)<br>NAP 01-Kebby<br>(1.2 ys on arrival)                                                                                                                                              | NAP 05<br><br>none                                 | <br>(*)<br><br>              | 0.000 | 0.4.0          |
| 0037   | F | WILD | WILD | 06/01/59<br>05/03/60<br>06/10/60                                                             | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)<br>NAPLES ZOO (P)                                                                                                           | (WB)<br>(P)<br>(P)                                    | [0 GEN]<br>(exporter)<br>NAP 02-Caterina<br>(1.9 ys on arrival)<br>NAP: Status of 10.1999                                                                                                                  | NAP 03<br><br>none                                 | <br><br>                     | 0.000 | 0.4.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                     | TERMS                                                                                                                                                                              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH | BREEDER ARKS/<br>NAME/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------|---------------|-------|------------|
| 0038   | F | WILD | WILD | 06/01/59<br>01/09/60<br>06/10/60<br>20/11/68<br>23/11/68<br>07/07/89 | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)<br>NAPLES ZOO (P)<br>ZEEHANDELAAR NY (TF)<br>ATLANTA ZOO (P)<br>MIAMI METROZOO (L) | [0 GEN]<br>(exporter)<br>NAP 03-Amanda<br>(shipper)<br>Rosie-ROSELLA<br>Rosie<br>(1.9 ys on arrival at NAP)<br>severe CACHEXIA/<br>chronic John's<br>Disease                       | NAP 04<br><br>none<br><br>681661<br>W00956              | <br><br><br><br><br>28/10/89   | 0.000         | 0.0.0 |            |
| 0039   | M | WILD | WILD | 02/10/48<br>05/06/54<br>18/06/54<br>19/06/54<br>02/10/54             | KNY EAST AFRICA (WB)<br>MOLINAR ITALY (P)<br>FOCKELMANN HBG (P)<br>WUPPERTAL ZOO (L)<br>VIENNA ZOO (P)                         | [0 GEN]<br>(importer)<br><br><br>Toni II<br>(6.0 ys on arrival)<br>(source Rookmaster:<br>dt Mol/Fock/L Wup)<br>MYOCARDITIS/<br>chronic<br>GLOMERULONEPHRITIS<br>CARDIOGENIC SHOCK | VIE 04<br><br><br>none<br>none                          | <br><br><br><br>29/04/90       | 0.000         | 0.0.0 |            |
| 0040   | M | WILD | WILD | 16/05/64<br>01/04/67<br>16/05/67                                     | KNY EAST AFRICA (WB)<br>CARR-HARTL WAIR (P)<br>ZAGREB ZOO (P)                                                                  | [0 GEN]<br>(exporter)<br>Roy<br>(3.0 ys on arrival)<br>RHINORRAGIA                                                                                                                 | ZAG 02<br><br>none                                      | <br><br>05/03/82               | 0.000         | 0.1.0 |            |
| 0041   | F | WILD | WILD | 10/10/59<br>01/09/64<br>10/10/64                                     | KNY EAST AFRICA (WB)<br>CARR-HARTL WAIR (P)<br>ZAGREB ZOO (P)                                                                  | [0 GEN]<br>(exporter)<br>Laura<br>(5.0 ys on arrival)<br>VESICAL HAEMATURIA/<br>PERICARDITIS                                                                                       | ZAG 01<br><br>none                                      | <br><br>28/03/81               | 0.000         | 0.1.0 |            |
| 0042   | M | WILD | WILD | 24/10/52<br>20/08/54<br>24/10/54                                     | EAST AFRICA (WB)<br>BEHREND B AIRES (P)<br>PRAGUE ZOO (P)                                                                      | [0 GEN]<br>(importer)<br>Max II<br>(2.0 ys on arrival)<br>(source Rookmaster:<br>origin)<br>TB                                                                                     | PRG 02<br><br>none                                      | <br><br>24/09/89               | 0.000         | 0.0.0 |            |

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| UB | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaelli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                         | TERMS                                            | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                                                            | BREEDER ARKS/ NAME/ LOCAL ID           | DATE OF DEATH                    | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------|-------|------------|
| 0043   | F | WILD | WILD | 21/10/55<br>01/01/56<br>15/10/59<br>21/10/59<br>12/04/72<br>16/05/72<br>16/05/72 | TZN EAST AFRICA<br>TZN GOV E AFR<br>RUHE HANOVER<br>PPAGUE ZOO<br>BRINK SOEST NL<br>PT ROTTERDAM<br>RIO DE JANEIRO | {WB}<br>{TF}<br>{P}<br>{P}<br>{P}<br>{TF}<br>{P} | [0 GEN] (Kilimandjaro Reg)<br>(dt of cpt)<br>(importer)<br>Isis<br>Isis<br>(dt of dpt)<br><br><3.0 ys on arrival at PRG)<br>en route: shipping<br>STRESS-related<br><died 3 ds after dpt> | PRG 03<br><br><br>none<br><br><br>none | <br><br><br><br><br><br>21/05/72 | 0.000 | 0.0.0      |
| 0044   | M | WILD | WILD | 04/07/50<br>04/07/54<br>01/06/73                                                 | TZN EAST AFRICA<br>ST PETERSBURG<br>GRODNO ZOO                                                                     | {WB}<br>{P}<br>{L}                               | [0 GEN]<br>Ischopi<br>Ischopi<br><4.0 ys on arrival at STP)<br>Bronchopneumonia<br>purulenta                                                                                              | STP 01<br><br>none<br>none             | <br><br><br>24/12/82             | 0.000 | 0.0.0      |
| 0045   | M | WILD | WILD | 10/06/50<br>01/06/55<br>10/06/55<br>26/03/75                                     | TZN EAST AFRICA<br>RUHE L NEW YORK<br>NY-BRONX ZOO<br>PITTSBURGH ZOO                                               | {WB}<br>{P}<br>{P}<br>{L}                        | [0 GEN] (Arusha Reg)<br>(importer)<br>Little Joe<br>JOJO<br><est. 5.0 ys on arrival at NYB)<br>TB/EUTH                                                                                    | NYB 05<br><br>00387<br>57              | <br><br><br>19/12/76             | 0.000 | 0.0.0      |
| 0046   | M | WILD | WILD | 27/07/58<br>10/05/60<br>14/06/60<br>12/07/60<br>27/07/60                         | KNY EAST AFRICA<br>SEAGO J NAIROBI<br>LOW-WHIPSNADE<br>SEAGO JOHN<br>WASHINGTON NATZOO                             | {WB}<br>{P}<br>{L}<br>{R}<br>{P}                 | [0 GEN]<br>(exporter)<br><Cat. no. 1015X)<br>Tony<br><2.0 ys on arrival at WAS)<br>TB/EUTH                                                                                                | WAS 05<br><br>none<br>28207            | <br><br><br>05/08/79             | 0.000 | 2.1.0      |
| 0047   | F | WILD | WILD | 30/03/58<br>01/08/61<br>30/03/61                                                 | KNY EAST AFRICA<br>SEAGO J NAIROBI<br>WASHINGTON NATZOO                                                            | {WB}<br>{P}<br>{P}                               | [0 GEN]<br>(exporter)<br>Thelma<br><3.0 ys on arrival)<br>Mycobacterium bovis -<br>PNEUMONIA                                                                                              | WAS 05<br><br>28750                    | <br><br>23/07/78                 | 0.000 | 1.1.0      |
| 0048   | M | WILD | WILD | 23/11/51<br>16/04/54<br>22/05/54                                                 | KNY EAST AFRICA<br>HAGENBECK C HBG<br>PITTSBURGH ZOO                                                               | {WB}<br>{P}<br>{P}                               | [0 GEN]<br>(importer)<br>Faru I<br><2.6 ys on arrival)<br>acute HAEMORRHAGIC<br>NEPHRITIS                                                                                                 | PIT 01<br><br>181                      | <br><br>17/08/74                 | 0.000 | 4.0.0      |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                                                       | TERMS                                           | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                                                                      | BREEDER ARKS/<br>NAME/8<br>LOCAL<br>ID         | DATE OF<br>DEATH         | FCDEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|-------|----------------|
| 0043   | F | WILD | WILD | 23/05/51<br>18/04/54<br>23/05/54                                                 | KNY EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>PITTSBURGH ZOO (P)                                                                                |                                                 | [0 GEN]<br>(importer)<br>Tina<br>(3.0 ys on arrival)<br>acute NEPHRITIS                                                                                                                                          | PIT 02<br><br>182                              | <br><br>26/11/88         | 0.000 | 4.0.0          |
| 0050   | M | 0048 | 0049 | 04/10/65<br>17/12/67<br>18/12/67                                                 | PITTSBURGH ZOO (B)<br>ZEEHANDELAAR NY (TF)<br>ATLANTA ZOO (P)                                                                                    | (B)<br>(TF)<br>(P)                              | [1st GEN] Faru IV<br>(shipper)<br>Faru IV<br>UNK MEANS -<br>no INFO available                                                                                                                                    | PIT 05 308<br><br>670355                       | <br><br>08/04/72         | 0.000 | 0.0.0          |
| 0051   | M | WILD | WILD | 22/10/53<br>20/09/55<br>22/10/55                                                 | TZN EAST AFRICA (WB)<br>DE BEER KENYA (P)<br>CLEVELAND METRO (P)                                                                                 | (WB)<br>(P)<br>(P)                              | [0 GEN] (Mt Maru Reg)<br>(exporter)<br>Junior Largo<br>(2.0 ys on arrival)<br>(source Rookmaker:<br>origin/exporter)<br>acute<br>HAEMOLYTIC CRISIS/<br>severe<br>HAEMOGLOBINURIA<br>(susp. auto-immune response) | CLE 01<br><br>551003                           | <br><br>27/12/75         | 0.000 | 0.0.0          |
| 0052   | M | WILD | WILD | 19/12/64<br>16/05/67<br>16/06/67<br>19/06/67<br>19/06/67<br>18/07/85             | KNY EAST AFRICA (WB)<br>CARR-HARTL WAIR (P)<br>IAE FERNDAL (P)<br>BUHL CO USA (P)<br>DETROIT ZOO (D)<br>MIAMI METROZOO (L)                       | (WB)<br>(P)<br>(P)<br>(P)<br>(D)<br>(L)         | [0 GEN] (Atth Plains)<br>(exporter)<br>(importer)<br>(donor)<br>Watu<br>Watu<br>(2.6 ys on arrival at DTT)<br>INFECTION assoc. -<br>PM inconclusive                                                              | DTT 06<br><br><br><br>311<br>MC0442            | <br><br><br><br>06/09/88 | 0.000 | 2.1.0          |
| 0053   | F | WILD | WILD | 01/05/63<br>01/06/65<br>25/09/65<br>30/09/65<br>30/09/65<br>06/06/85<br>02/08/88 | KNY EAST AFRICA (WB)<br>KNY GN WRD OPT (TF)<br>IAE FERNDAL (P)<br>BUHL CO USA (P)<br>DETROIT ZOO (D)<br>OKLAHOMA CITY (L)<br>SEDSWICK WICHIT (L) | (WB)<br>(TF)<br>(P)<br>(P)<br>(D)<br>(L)<br>(L) | [0 GEN] (Kitencala)<br>(dt of cpt)<br>(importer)<br>(donor)<br>Bibi<br>Bibi<br>Bibi<br>(2.4 ys on arrival at DTT)<br>susp. congestive<br>HEART FAILURE -<br>was pregnant-re 0774                                 | DTT 07<br><br>(*)<br><br>310<br>329212<br>3327 | <br><br><br><br>01/04/80 | 0.000 | 5.4.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                             | TERMS                            | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                                         | BREEDER NAME/ LOCAL ID                  | DATE OF DEATH | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------|-------|------------|
| 0054   | M | 0588 | 0589 | 19/04/62<br>26/06/63<br>28/06/63                         | DETROIT ZOO<br>ZEEHANDELAAR NY<br>OKLAHOMA CITY                                        | (B)<br>(P)<br>(P)                | [1st GEN] Harvey<br>Harvey<br>CLYDE<br>HAEMOLYTIC ANAEMIA                                                                                                              | DTT 05 309<br>024701                    | 02/11/86      | 0.000 | 7.4.0      |
| 0055   | F | 0056 | 0057 | 27/07/61<br>26/06/63<br>28/06/63<br>05/05/85             | CINCINNATI ZOO<br>ZEEHANDELAAR NY<br>OKLAHOMA CITY<br>DETROIT ZOO                      | (B)<br>(P)<br>(P)<br>(L)         | [1st GEN] Lottie<br>Lottie<br>Lottie<br>Lottie<br>PULMONARY TB/ CANCER                                                                                                 | CVG 04 195092<br>024802<br>1442         | 06/03/94      | 0.000 | 5.5.0      |
| 0056   | M | WILD | WILD | 14/04/53<br>10/03/56<br>10/04/57<br>14/04/57<br>20/04/83 | EAST AFRICA<br>HAGENBECK C HBG<br>FREEM MIAMIRARE<br>CINCINNATI ZOO<br>OKLAHOMA CITY   | (WB)<br>(P)<br>(P)<br>(P)<br>(L) | [0 GEN]<br>(importer)<br>(importer)<br>Johnny<br>Johnny<br>(est. 4.0 ys on arrival at CVG)<br>(source Bookmaker: importer)<br><i>Aspergillus</i> sp. - PNEUMONIA/ EUTH | CVG 01<br>H14004<br>490219              | 18/08/89      | 0.000 | 3.5.2      |
| 0057   | F | WILD | WILD | 14/04/53<br>10/04/57<br>14/04/57                         | EAST AFRICA<br>FREEM MIAMIRARE<br>CINCINNATI ZOO                                       | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(importer)<br>Opal<br>(est. 4.0 ys on arrival)<br>ASPERGILLOSIS                                                                                             | CVG 02<br>195091                        | 01/03/71      | 0.000 | 2.2.1      |
| 0058   | M | 0056 | 0057 | 10/09/64                                                 | CINCINNATI ZOO                                                                         | (B)                              | [1st GEN] Brook<br>ASPERGILLOSIS                                                                                                                                       | CVG 05 195093                           | 06/12/70      | 0.000 | 0.0.0      |
| 0059   | M | 0056 | 0057 | 20/09/67<br>06/11/68<br>18/08/77<br>20/07/79<br>24/07/79 | CINCINNATI ZOO<br>IAE GRD PRAIRIE<br>Kobe QJI ZOO<br>YOSHIXAWA KOBE<br>BEIJING ZOOL GD | (B)<br>(P)<br>(P)<br>(P)<br>(P)  | [1st GEN] no name<br>no name<br>Jiji<br>Jiji<br>PKG 05-Jiji<br>(source Bookmaker: transfer data IAE to Kobe)<br>UNK MEANS - no AUTOPSY                                 | CVG 06 196061<br>(none)<br>none<br>none | 25/02/97      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                                                                    | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                                       | BREEDER ARKS/<br>NAME/#<br>LOCAL<br>ID                     | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|-------|----------------|
| 0060   | M | WILD | WILD | 26/12/33<br>20/12/34<br>27/06/35                                                 | TZM EAST AFRICA (WB)<br>OKAHANDJA ZOOPK (P)<br>CHICAGO BROOKFD (P)                                                                                            |       | [0 GEN] (Mc Essiminger)<br>(Schulz) (dt of cpt)<br>Pharag<br>(1.6 ys on arrival at CHI)<br>(source Rookmaker:<br>origin/date of cpt)<br>BRONCHIAL<br>PNEUMONIA/<br>pathological<br>changes<br>OLD AGE-related | CHI 03<br><br>none<br>19975                                |                  | 0.000 | 2.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                                                               |       |                                                                                                                                                                                                               |                                                            | 16/06/87         |       |                |
| 0061   | F | WILD | WILD | 26/12/32<br>20/12/34<br>27/06/35                                                 | TZM EAST AFRICA (WB)<br>OKAHANDJA ZOOPK (P)<br>CHICAGO BROOKFD (P)                                                                                            |       | [0 GEN] (Mc Essiminger)<br>(Schulz) (dt of cpt)<br>Mary<br>(2.6 ys on arrival)<br>(source Rookmaker:<br>origin/date of cpt)<br>general decline<br>in HEALTH/EUTH                                              | CHI 04<br><br>none<br>21084                                |                  | 0.000 | 2.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                                                               |       |                                                                                                                                                                                                               |                                                            | 16/03/80         |       |                |
| 0062   | M | WILD | WILD | 08/06/59<br>05/06/61<br>08/06/61                                                 | KNY EAST AFRICA (WB)<br>ZEEHANDELAAR NY (P)<br>KANSAS CITY ZOO (P)                                                                                            |       | [0 GEN]<br>(importer)<br>Jiggs<br>(2.0 ys on arrival)<br>UNK MEANS -<br>no INFO available                                                                                                                     | ASC 01<br><br>51M001                                       |                  | 0.000 | 1.1.0          |
|        |   |      |      |                                                                                  |                                                                                                                                                               |       |                                                                                                                                                                                                               |                                                            | 17/01/72         |       |                |
| 0063   | F | WILD | WILD | 03/03/56<br>05/03/56<br>05/03/56<br>19/05/56<br>26/04/63<br>24/05/72<br>15/01/73 | KNY EAST AFRICA (WB)<br>KNY GM WRD DPT (TF)<br>NAIR ORPHANAGE (TF)<br>CHICAGO BROOKFD (D)<br>KANSAS CITY ZOO (P)<br>SEDGWICK WICHIT (P)<br>OKLAHOMA CITY (TD) |       | [0 GEN]<br>(dt of cpt)<br>(in for HR)<br>Rosie<br>Rosie<br>Rosie<br>Rosie<br>(2 ms on arrival at CHI)<br>auto-immune<br>problems/EUTH                                                                         | CHI 07<br><br>(*)<br><br>19979<br>63M001<br>SN51<br>334604 |                  | 0.000 | 3.1.0          |
|        |   |      |      |                                                                                  |                                                                                                                                                               |       |                                                                                                                                                                                                               |                                                            | 12/05/81         |       |                |
| 0064   | M | 0048 | 0049 | 14/04/63<br>03/06/64<br>16/06/64<br>18/06/64                                     | PITTSBURGH ZOO (B)<br>CATSKILL GM FM (P)<br>ZEEHANDELAAR NY (P)<br>DULUTH ZOO (P)                                                                             |       | [1st GEN] Faru III<br>(Schulz) Faru III<br>Faru III<br>Faru<br>(source Rookmaker:<br>cause of death)<br>PNEUMONIA                                                                                             | PIT 04<br>305<br>none<br>760000                            |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                                                               |       |                                                                                                                                                                                                               |                                                            | 28/12/77         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data avaiable from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH           | BREEDER ARKS/NAME/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|-----------------------|----------------------------|-------|--------------------------------------------------------|----------------------------|---------------|-------|------------|
| 0065   | M | WILD | WILD | 03/11/57              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                | FRE 01                     |               | 0.000 | 0.0.0      |
|        |   |      |      | 01/01/62              | RUHE HANOVER               | (P)   | <importer>                                             |                            |               |       |            |
|        |   |      |      | 03/11/62              | FRESNO CHAFFEE             | (P)   | Romeo                                                  | 336804                     |               |       |            |
|        |   |      |      | 03/11/62              | THOUSD OAKS CA             | (L)   | <Goebel's Jgl Ld>                                      | none                       |               |       |            |
|        |   |      |      | 09/07/63              | FRESNO CHAFFEE             | (R)   | Romeo                                                  | 936884                     |               |       |            |
|        |   |      |      | 24/08/64              | MEMPHIS ZOO                | (P)   | Romeo                                                  | H0639                      |               |       |            |
|        |   |      |      |                       |                            |       | (5.0 ys on arrival) at FRE)                            |                            |               |       |            |
|        |   |      |      |                       |                            |       | (source Rookmaker: importer/TF data)                   |                            |               |       |            |
|        |   |      |      |                       |                            |       | TB                                                     |                            | 22/06/87      |       |            |
| 0066   | M | WILD | WILD | 01/10/56              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                | DAL 03                     |               | 0.000 | 0.0.0      |
|        |   |      |      | 23/08/59              | CARR-HARTL NAIR            | (P)   | <exporter>                                             |                            |               |       |            |
|        |   |      |      | 28/09/59              | ZEEHANDELAAR NY            | (P)   | <importer>                                             |                            |               |       |            |
|        |   |      |      | 01/10/59              | DALLAS ZOO                 | (P)   | Roscoe                                                 | 001043                     |               |       |            |
|        |   |      |      |                       |                            |       | (3.0 ys on arrival)                                    |                            |               |       |            |
|        |   |      |      |                       |                            |       | CACHECTIC/ICTERIC/OEDEMA/EUTH                          |                            | 17/10/88      |       |            |
| 0067   | F | WILD | WILD | 01/03/55              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                | DAL 02                     |               | 0.000 | 0.0.0      |
|        |   |      |      | 15/07/56              | CARR-HARTL NAIR            | (P)   | <exporter>                                             |                            |               |       |            |
|        |   |      |      | 28/08/56              | ZEEHANDELAAR NY            | (P)   | <importer>                                             |                            |               |       |            |
|        |   |      |      | 01/09/56              | DALLAS ZOO                 | (P)   | Marsha                                                 | 001029                     |               |       |            |
|        |   |      |      |                       |                            |       | (1.6 ys on arrival)                                    |                            |               |       |            |
|        |   |      |      |                       |                            |       | bacterial INFECTION/EUTH                               |                            | 02/03/93      |       |            |
| 0068   | M | WILD | WILD | 01/01/52              | EAST AFRICA                | (WB)  | [0 GEN]                                                | POW 01                     |               | 0.000 | 0.0.0      |
|        |   |      |      | 01/01/53              | BROKER BASLE CH            | (P)   | <importer>                                             |                            |               |       |            |
|        |   |      |      | 01/01/54              | POWELL COLUMBUS            | (P)   | Clyde                                                  | 542001                     |               |       |            |
|        |   |      |      |                       |                            |       | (young animal on arrival-est. 2.0 ys)                  |                            |               |       |            |
|        |   |      |      |                       |                            |       | GASTROINTESTINAL problems                              |                            | 18/12/00      |       |            |
| 0069   | M | 0048 | 0049 | 20/10/60              | PITTSBURGH ZOO             | (B)   | [1st GEN] Faru II                                      | PIT 03                     | 580069        | 0.000 | 0.0.0      |
|        |   |      |      | 18/09/61              | CATSKILL GM FM             | (TF)  | <Schulz> (shipper)                                     |                            |               |       |            |
|        |   |      |      | 20/09/61              | JACKSONVILLE               | (P)   | Faru                                                   | 861087                     |               |       |            |
|        |   |      |      |                       |                            |       | advanced stage of EMPHYSEMA/CARDIAC INSUFFICIENCY/EUTH |                            | 29/03/70      |       |            |
| 0070   | F | WILD | WILD | 15/02/57              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                | JAX 01                     |               | 0.000 | 0.0.0      |
|        |   |      |      | 27/01/60              | PT MOMBASA KNY             | (TF)  | <dt of dpt>                                            |                            |               |       |            |
|        |   |      |      | 14/02/60              | FREEM MIAMIRARE            | (P)   | <importer>                                             |                            |               |       |            |
|        |   |      |      |                       |                            |       | continued next page                                    |                            |               |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S        | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                          | TERMS                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                       | BREEDER ARKS/<br>NAME/LOCAL ID | DATE OF DEATH            | FCOEF | OFF-SPRING |
|--------|----------|------|------|----------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--------------------------|-------|------------|
| 0070   |          |      |      | 15/02/60                                     | JACKSONVILLE                                                                        | (P)                       | Dolly<br>(3.0 ys on arrival)<br>Pasteurella<br>multocidae/<br>acute suppurative<br>PNEUMONIA                                                                                  | 860080                         | 06/04/70                 |       |            |
| 0071   | M        | WILD | WILD | 21/09/56<br>18/05/57<br>21/05/57             | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>COLSPR CHEYENNE (P)                  | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>Pokey<br>(8 ws on arrival)<br>generalized<br>bacterial<br>SEPTICAEMIA<br>mainly affecting<br>the kidneys                                             | CHN 03<br><br>100433           |                          | 0.000 | 1.4.0      |
| 0072   | F        | WILD | WILD | 26/12/64<br>24/06/67<br>26/06/67             | KNY EAST AFRICA (WB)<br>IAE FERDALE (P)<br>COLSPR CHEYENNE (P)                      | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>no name<br>(3.6 ys on arrival)<br>generalized bacterial<br>SEPTICAEMIA                                                                               | CHN 05<br><br>100434           | 13/01/83<br><br>13/01/83 | 0.000 | 1.4.0      |
| 0073   | re minor |      |      |                                              |                                                                                     |                           |                                                                                                                                                                               |                                |                          |       |            |
| 0074   | M        | WILD | WILD | 22/01/54<br>18/11/56<br>22/11/56             | KNY EAST AFRICA (WB)<br>ANDERSON G FUND (P)<br>SAN FRANCISCO (D)                    | (WB)<br>(P)<br>(D)        | [0 GEN]<br>(importer)<br>Stonewall<br>(2.10 ys on arrival)<br>BILE DUCT CARCINOMA<br>internal HAEMORRHAGE                                                                     | SFO 01<br><br>1564             |                          | 0.000 | 7.3.0      |
| 0075   | F        | WILD | WILD | 20/01/61<br>01/01/64<br>07/09/64<br>20/01/67 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>THOUSD OAKS CA (P)<br>SAN FRANCISCO (P) | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>(Goebel's Jgl Ld)<br>Stella<br>(6.0 ys on arrival at SFO)<br>(source Ruhe:<br>date of import/<br>date Goebel's)<br>bacterial INFECTION-<br>PSUEDO-TB | SFO 02<br><br>none<br>16701    |                          | 0.000 | 1.0.0      |
| 0076   | F        | WILD | WILD | 03/10/60<br>01/04/66<br>30/09/66             | KNY EAST AFRICA (WB)<br>KNY GW WFD OPT (TF)<br>IAE FERDALE (P)                      | (WB)<br>(TF)<br>(P)       | [0 GEN] (Darajani Reg)<br>(dt of cpt)<br>(importer)<br>continued next page                                                                                                    | LAX 01                         |                          | 0.000 | 3.2.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| OB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                               | TERMS                            | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                                              | BREEDER ARKS/NAME/# LOCAL ID | DATE OF DEATH | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0076   |   |      |      | 03/10/66                                                 | LOS ANGELES ZOO                                                                                          | (P)                              | Twinkle Toes<br>(5.0 ys on arrival)<br>rapid DETERIORATION<br>due to liver -/<br>blood problems/<br>EUTH                                                                                                                  | 02774                        | 17/07/80      |       |            |
| 0077   | M | WILD | WILD | 06/01/52<br>28/04/53<br>05/07/53                         | KNY EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>SAN DIEGO ZOO (P)                                         | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(importer)<br>Berney<br>(1.6 ys on arrival)<br>(source Rookmaker:<br>date HBG)<br>SHOCK/EXHAUSTION-<br>fell into moat                                                                                          | SDZ 02<br><br>018270         |               | 0.000 | 0.0.0      |
| 0078   | F | WILD | WILD | 30/08/50<br>01/12/50<br>30/08/52                         | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>SAN DIEGO ZOO (P)                                         | (WB)<br>(P)<br>(P)               | [0 GEN] (Kibwezi Reg)<br>(Stanton Hugh)<br>Sally<br>(HR by Stanton)<br>(source Rookmaker:<br>origin/date Stanton)<br>chronic fibrous<br>INTERSTITIAL<br>NEPHRITIS/<br>RENAL failure<br>(hypercalcaemia/<br>hyperkalaemia) | SDZ 01<br><br>none<br>152002 |               | 0.000 | 0.0.0      |
| 0079   | M | WILD | WILD | 11/05/52<br>26/05/54<br>05/09/54<br>27/04/56<br>11/05/66 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>CHIPPERFIELD UK (P)<br>ZEEHANDELAAR NY (P)<br>GRANBY ZOO (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>(Southampton Zoo)<br>Bulley<br>(4.0 ys on arrival at GRB)<br>(source Ruhe:<br>date of import/<br>date Southampton)<br>chronic MYOPATHY/<br>PNEUMONIA/<br>ARTHRITIS/<br>EUTH                      | GRB 02<br><br>none<br>630001 |               | 0.000 | 1.1.0      |
| 0080   | M | WILD | WILD | 20/12/55<br>18/11/60                                     | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)                                                              | (WB)<br>(P)                      | [0 GEN]<br>(exporter)<br>continued next page                                                                                                                                                                              | CAI 01                       |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S               | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                   | BREEDER ARKS/<br>NAME/# LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|-----------|-----------------|------|------|----------------------------------|---------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------|-------|------------|
| 0080      |                 |      |      | 20/12/60                         | CAIRO GIZA ZOO                                                      | (P)   | no name<br>(5.0 ys on arrival)<br>UNK MEANS-<br>no AUTOPSY                                                                | none                             | 08/04/94      |       |            |
| 0081      | F               | WILD | WILD | 20/12/55<br>18/11/80<br>20/12/80 | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)<br>CAIRO GIZA ZOO (P)   |       | [0 GEN]<br>(exporter)<br>no name<br>(5.0 ys on arrival)<br>UNK MEANS-<br>no AUTOPSY                                       | CAI 02<br><br>none               |               | 0.000 | 0.0.0      |
| 0082      | M               | WILD | WILD | 13/11/59<br>08/10/64<br>13/11/64 | TZN EAST AFRICA (WB)<br>TZN TARIME DIST (TF)<br>SAANANE ISL ZOO (P) |       | [0 GEN] (Lawai Wedge Reg)<br>(loc/dt of cpt)<br>Michael<br>(5.0 ys on arrival)<br>vitamin DEFICIENCY-<br>severe DIARRHOEA | SAA 02<br><br>none               |               | 0.000 | 0.0.0      |
| 0083-0084 | re <i>minor</i> |      |      |                                  |                                                                     |       |                                                                                                                           |                                  |               |       |            |
| 0085      | M               | WILD | WILD | 01/01/62<br>01/12/62<br>01/07/63 | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>JERUSALEM ZOO (P)    |       | [0 GEN]<br>(exporter)<br>Franky<br>(1.6 ys on arrival)<br>PLEXION of NECK-<br>got caught<br>between bars                  | JER 01<br><br>none               |               | 0.000 | 0.0.0      |
| 0086      | M               | WILD | WILD | 17/01/50<br>05/11/55<br>17/01/56 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>MYSORE SC2G (P)         |       | [0 GEN]<br>(importer)<br>Jacky<br>(8.0 ys on arrival)<br>UNK MEANS-<br>no AUTOPSY                                         | MYS 01<br><br>560002             |               | 0.000 | 3.2.0      |
| 0087      | F               | WILD | WILD | 17/01/48<br>05/11/55<br>17/01/56 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>MYSORE SC2G (P)         |       | [0 GEN]<br>(importer)<br>Mary<br>(8.0 ys on arrival)<br>UNK MEANS-<br>no AUTOPSY                                          | MYS 02<br><br>560001             |               | 0.000 | 3.2.0      |
| 0088      | M               | 0086 | 0087 | 26/08/66                         | MYSORE SC2G                                                         | (B)   | [1st GEN] Gunda<br>(source Rookmaker:<br>cause of death)<br>PNEUMONIA                                                     | MYS 03 860003                    |               | 0.000 | 0.0.0      |
| 0089      | re <i>minor</i> |      |      |                                  |                                                                     |       |                                                                                                                           |                                  |               |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaelsi*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                               | TERMS                      | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                       | BREEDER NAME/LOCAL ID  | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|--------------------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------|---------------|-------|------------|
| 0090   | M | WILD | WILD | 25/05/53<br>25/05/55                         | KNY EAST AFRICA<br>OSAKA TENNOJI                                         | (WB)<br>(P)                | [0 GEN]<br>01-Taro<br>(est. 2.0 ys on arrival)<br>(source Rookmaker:<br>cause of death)<br>TB                      | OSA 01<br>389          |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 20/10/81      |       |            |
| 0091   | F | WILD | WILD | 04/07/59<br>02/07/61<br>04/07/61<br>31/08/55 | KNY EAST AFRICA<br>KYOKUTO BOEKI<br>OSAKA TENNOJI<br>ISHIKAWA ZOO        | (WB)<br>(P)<br>(P)<br>(D)  | [0 GEN]<br>(importer)<br>03-Hanako<br>(Kanazawa) Hanako<br>(est. 2.0 ys on arrival at OSA)<br>PNEUMONIA            | OSA 03<br>391<br>none  |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 04/02/74      |       |            |
| 0092   | M | WILD | WILD | 01/09/54<br>01/06/59<br>01/09/59             | KNY EAST AFRICA<br>CARP-HARTL NAIR<br>KOBE OJI ZOO                       | (WB)<br>(P)<br>(P)         | [0 GEN]<br>(exporter)<br>Tony I<br>(5.0 ys on arrival)<br>fatal INJURIES-<br>RESPIRATORY CRISIS-<br>fell into moat | KOJ 02<br>none         |               | 0.000 | 3.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 19/02/70      |       |            |
| 0093   | F | WILD | WILD | 25/05/62<br>18/04/67<br>18/05/67<br>25/05/67 | KNY EAST AFRICA<br>CARP-HARTL NAIR<br>KEIHIN YOKOHAMA<br>KOBE OJI ZOO    | (WB)<br>(P)<br>(P)<br>(P)  | [0 GEN]<br>(exporter)<br>(importer)<br>Catherine-MAMMY II<br>(5.0 ys on arrival)<br>PERITONITIS                    | KOJ 05<br>none         |               | 0.000 | 1.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 03/08/77      |       |            |
| 0094   | M | 0092 | 0554 | 02/11/65                                     | KOBE OJI ZOO                                                             | (B)                        | [1st GEN] Rock<br>spinal cord<br>INJURIES-<br>was attacked<br>by Sire                                              | KOJ 04<br>none         |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 26/01/88      |       |            |
| 0095   | F | WILD | WILD | 04/10/63<br>04/10/65<br>05/07/65<br>06/07/65 | KNY EAST AFRICA<br>NAGOYA HIGASHIY<br>KEIHIN YOKOHAMA<br>FUKUOKA MUN ZOO | (WB)<br>(P)<br>(TF)<br>(P) | [0 GEN]<br>no name<br>(shipper)<br>no name<br>(est. 2.0 ys on arrival at NGO)<br>SMALL POX                         | NGO 02<br>none<br>none |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                          |                            |                                                                                                                    |                        | 03/02/87      |       |            |
| 0096   | F | WILD | WILD | 21/05/49<br>19/04/51<br>21/05/51             | TZN EAST AFRICA<br>HALLSTROM E TZN<br>PERTH ZOOL GARD                    | (WB)<br>(TF)<br>(D)        | [0 GEN] (Arusha Reg)<br>(dt of dpt)<br>Dinah (Dynamite)<br>continued next page                                     | PER 01<br>510001       |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                | TERMS                                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID     | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|------------------|-------|----------------|
| 0095   |   |      |      | 28/09/81<br>09/11/91                                                 | MOSMAN TARONGA<br>DUBBO WESTERN P                                                                         | (P)<br>(TD)                               | Dynah<br>Dynah<br>(2.0 ys on arrival at PER)<br>RENAL FAILURE<br>old age-related/<br>EUTH                                                              |                | 810049<br>910084         | 05/05/95         |       |                |
| 0097   | M | WILD | WILD | 01/10/44<br>01/01/47<br>08/06/47<br>10/07/47<br>25/11/47<br>25/06/81 | TZN EAST AFRICA<br>HALLSTROM E TZN<br>HALLSTROM E TZN<br>MOSMAN TARONGA<br>ADELAIDE ZOO<br>MOSMAN TARONGA | (WB)<br>(TF)<br>(TF)<br>(P)<br>(D)<br>(L) | [0 GEN] (Sinya Reg)<br>(dft of cpt)<br>(dft of dpt)<br>Sinya<br>ADL 01-Sinya<br>Sinya<br>(2.3 ys at cpt)<br>(source Rookmasker:<br>origin)<br>SENILITY | SYD 04         | 470003<br>none<br>470003 |                  | 0.000 | 0.0.0          |
| 0098   | M | 0092 | 0554 | 16/11/63<br>06/11/65                                                 | KOBE OJI ZOO<br>MAGOYA HIGASHIY                                                                           | (B)<br>(P)                                | [1st GEN] Bobby<br>Bobby<br>PYELONEPHRITIS                                                                                                             | KOJ 03         | none<br>none             |                  | 0.000 | 0.0.0          |
| 0099   | M | WILD | WILD | 13/09/44<br>11/01/50<br>13/02/50                                     | TZN EAST AFRICA<br>KUENZLER ARUSHA<br>MOSMAN TARONGA                                                      | (WB)<br>(P)<br>(P)                        | [0 GEN] (Arusha Reg)<br>(exporter)<br>Ferdinand<br>(5.5 ys on arrival)<br>NEOPLASM pressing<br>on SPINAL CORD/<br>EUTH                                 | SYD 11         | 500008                   | 14/08/78         | 0.000 | 3.6.0          |
| 0100   | F | WILD | WILD | 16/08/41<br>14/07/48<br>16/08/48                                     | KNY EAST AFRICA<br>RANDALL NAIROBI<br>MOSMAN TARONGA                                                      | (WB)<br>(P)<br>(P)                        | [0 GEN]<br>(exporter)<br>Peggy<br>(7.0 ys on arrival)<br>ARTHRITIC SENILITY                                                                            | SYD 10         | 480011                   | 03/08/74         | 0.000 | 1.2.0          |
| 0101   | F | 0099 | 0100 | 02/05/65                                                             | MOSMAN TARONGA                                                                                            | (B)                                       | [1st GEN] Beauty<br>TUMOR on<br>vagus herie                                                                                                            | SYD 18         | 650012                   | 24/09/80         | 0.000 | 1.0.0          |
| 0102   | F | 0099 | 0507 | 11/01/63<br>14/08/69<br>01/01/71                                     | MOSMAN TARONGA<br>ASHTON'S AM KGD<br>BACCHUS LION PK                                                      | (B)<br>(P)<br>(P)                         | [1st GEN] Squeaker<br>(Slacks Creek)<br>Squeaker<br>UNK MEANS-<br>no INFO available<br>(DT EST)                                                        | SYD 17         | 830020<br>none<br>none   | 01/01/78         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                            | TERMS                                    | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                         | BREEDER ARKS/<br>NAME/S<br>LOCAL<br>ID          | DATE OF<br>DEATH     | FCDEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------|-------|----------------|
| 0103   | M | 0024 | 0025 | 10/09/57<br>02/08/70<br>24/06/70<br>30/06/70                         | CHESTER ZOO<br>BRINK SOEST NL<br>ZOOCTR MOSCOW<br>ALMA-ATA ZOO                                        | (B)<br>(P)<br>(TF)<br>(P)                | [2nd GEN] Reginald<br>Reginald<br>(shipper)<br>CHESTER<br>cutaneous TUMORS/<br>ASPHYXIA                                                                                                         | CHE 02<br>none<br><br>none                      | <br><br><br>15/01/89 | 0.000 | 0.0.0          |
| 0104   | F | 0007 | 0008 | 03/01/68<br>20/06/69<br>27/06/69<br>05/05/83<br>25/06/83             | HANOVER ZOO<br>RUHE HANOVER<br>BUDAPEST ZOO<br>BRINK SOEST NL<br>SAN DIEGO WAP                        | (B)<br>(P)<br>(P)<br>(P)<br>(P)          | [1st GEN] Stella<br>Stella<br>TECA<br>(dt of dpt)<br>Stella<br>(source Jones:<br>50 days! en route)<br>granulomatous<br>PNEUMONIA due to<br><i>Mycobacterium</i><br>tuberculosis-<br>human form | HAN 05<br>1Y278<br>none<br>002993<br><br>783280 | <br><br><br>21/03/84 | 0.000 | 0.0.0          |
| 0105   | F | WILD | WILD | 04/07/48<br>04/07/54                                                 | EAST AFRICA<br>MOSCOW ZOO                                                                             | (WB)<br>(P)                              | [0 GEN]<br>Zamba<br>(6.0 ys on arrival)<br>(source Rookmaaker:<br>cause of death)<br>INTOXICATION                                                                                               | MOW 01<br>none                                  | <br><br><br>14/07/71 | 0.000 | 0.0.0          |
| 0106   | M | 0099 | 0100 | 26/05/67                                                             | MOSMAN TARONGA                                                                                        | (B)                                      | [1st GEN] Pompey<br>EXPOSURE                                                                                                                                                                    | SYD 20<br>670008                                | <br>24/10/72         | 0.000 | 0.0.0          |
| 0107   | M | WILD | WILD | 01/05/57<br>25/03/63<br>01/05/63<br>11/06/70<br>21/06/70<br>26/06/70 | KNY EAST AFRICA<br>RUHE HANOVER<br>BARCELONA ZOO<br>BRINK SOEST NL<br>RUHE HANOVER<br>BERLIN TIERPARK | (WB)<br>(P)<br>(P)<br>(P)<br>(TF)<br>(P) | [0 GEN]<br>(importer)<br>Ringo<br>Ringo<br>(shipper)<br>LORD<br>(6.0 ys on arrival at BCN)<br>GASTRIC ULCERS/<br>ANAEMIA-extreme<br>HAEMOSIDEROSIS                                              | BCN 01<br><br>none<br><br>none                  | <br><br><br>19/10/70 | 0.000 | 0.0.0          |
| 0108   | F | WILD | WILD | 01/05/57<br>25/03/63                                                 | KNY EAST AFRICA<br>RUHE HANOVER                                                                       | (WB)<br>(P)                              | [0 GEN]<br>(importer)<br>continued next page                                                                                                                                                    | BCN 02                                          |                      | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                              | TERMS                             | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                                            | BREEDER NAME/# | ARKS/<br>LOCAL ID         | DATE OF DEATH | FCOE  | OFF-<br>SPRING |
|-----------|----|-------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------|---------------|-------|----------------|
| 0105      |    |       |      | 01/05/63                                                 | BARCELONA ZOO                                                                           | (P)                               | Afrodite<br>(6.0 ys on arrival)<br>UNK MEANS-<br>no INFO submitted<br><DT EST>                                                                                                         |                | none                      | 01/01/64      |       |                |
| 0103      | M  | 0048  | 0049 | 08/03/68<br>07/03/69<br>07/03/69                         | PITTSBURGH ZOO<br>ZEEHANDELAAR NY<br>MEMPHIS ZOO                                        | (B)<br>(P)<br>(P)                 | [1st GEN] Faru V<br>Faru V<br>Faru<br>TOXAEMIA assoc.<br>with NEPHRITIS/<br>INDIGESTION                                                                                                | PIT 06         | 323<br>H0640              |               | 0.000 | 0.0.0          |
| 0110      | M  | 0045  | 0047 | 31/08/67<br>08/04/70<br>11/01/83                         | WASHINGT NATZOO<br>SAN DIEGO WAP<br>SAN DIEGO ZOO                                       | (B)<br>(P)<br>(D)                 | [1st GEN] Dillon<br>Dillon<br>Dillon<br>bacterial<br>affection of<br>RESPIRATORY TRACT/<br>EUTH                                                                                        | WAS 07         | 32553<br>100285<br>100285 |               | 0.000 | 1.1.0          |
| 0111      | F  | WILD  | WILD | 10/11/65<br>07/04/67<br>10/11/67<br>17/11/83<br>20/11/83 | KNY EAST AFRICA<br>RUHE HANOVER<br>BERLIN TIERPARK<br>BRINK SOEST NL<br>HABANA P2W CUBA | (WB)<br>(P)<br>(P)<br>(TF)<br>(P) | [0 GEN]<br>(importer)<br>Lady<br>(shipper)<br>(dt of dpt)<br>(2.0 ys on arrival at TI)<br>(source Brink: death)<br>died 1 ms after<br>arrival from<br>shipping STRESS<br>after-effects | TI 05          |                           |               | 0.000 | 0.0.0          |
| 0112      | M  | WILD  | WILD | 11/05/46<br>05/05/48<br>11/05/48<br>01/11/72             | KNY EAST AFRICA<br>MEEMS BROS NY<br>PHILADELPHIA<br>SEDGWICK WICHIT                     | (WB)<br>(P)<br>(P)<br>(P)         | [0 GEN]<br>(importer)<br>Kifaru<br>Kifaru<br>(2.0 ys on arrival at PHL)<br>en route: had TB                                                                                            | PHL 02         |                           |               | 0.000 | 0.0.0          |
| 0013-0015 | re | minor |      |                                                          |                                                                                         |                                   |                                                                                                                                                                                        |                |                           | 01/11/72      |       |                |
| 0117      | F  | WILD  | WILD | 02/12/46<br>28/11/48<br>02/12/48                         | KNY EAST AFRICA<br>BEHREND B AIRES<br>BUEN AIRES ZOO                                    | (WB)<br>(P)<br>(P)                | [0 GEN]<br>(importer)<br>Marta-CHIQUITA<br>(est. 2.0 ys on arrival)<br>UNK MEANS-<br>no INFO available                                                                                 | BUE 02         |                           |               | 0.000 | 2.1.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                           | TERMS                     | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                        | BREEDER ARKS/NAME/# LOCAL ID   | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|--------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|-------|------------|
| 0118   | M | 0555 | 0117 | 03/01/55                                     | BUEN AIRES ZOO                                                                       | (B)                       | [1st GEN] Archibaldo III<br>UNK MEANS -<br>no INFO available                                                                                                                        | BUE 04 none                    | 08/12/73      | 0.000 | 0.1.0      |
| 0119   | F | 0555 | 0117 | 22/03/52                                     | BUEN AIRES ZOO                                                                       | (B)                       | [1st GEN] Martita<br>UNK MEANS -<br>no INFO available                                                                                                                               | BUE 05 none                    | 02/11/73      | 0.000 | 0.1.0      |
| 0120   | M | WILD | WILD | 16/06/51<br>10/05/55<br>16/06/55             | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>ST LOUIS ZOO (P)                      | (WB)<br>(P)<br>(P)        | [0 GEN] (Pumuruti Reg)<br>(exporter)<br>Boyle<br>(4.0 ys on arrival)<br>UNK MEANS -<br>no AUTOPSY                                                                                   | STL 03<br><br>065410           | 19/04/78      | 0.000 | 1.3.0      |
| 0121   | F | WILD | WILD | 15/05/52<br>10/05/55<br>16/05/55<br>27/06/51 | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>ST LOUIS ZOO (P)<br>OKLAHOMA CITY (L) | (WB)<br>(P)<br>(P)<br>(L) | [0 GEN] (Rumuruti Reg)<br>(exporter)<br>Olive<br>Olive<br>(3.0 ys on arrival at STL)<br>severe chronic<br>GLOMERULONEPHRITIS/<br>severe focal<br>pyogranulomatous<br>HAEMOSIDEROSIS | STL 04<br><br>065411<br>557720 | 21/08/83      | 0.000 | 1.4.0      |
| 0122   | F | WILD | WILD | 15/01/37<br>10/05/38<br>15/07/38             | TZN EAST AFRICA (WB)<br>SCHULZ ARUSHA (P)<br>ST LOUIS ZOO (P)                        | (WB)<br>(P)<br>(P)        | [0 GEN] (Arusha Reg)<br>(exporter)<br>Peggy<br>(1.6 ys on arrival)<br>cancerous<br>uterine CARCINOMA/<br>EUTH                                                                       | STL 01<br><br>380700           | 17/07/89      | 0.000 | 0.0.0      |
| 0123   | F | WILD | WILD | 15/01/37<br>10/05/38<br>15/07/38             | TZN EAST AFRICA (WB)<br>SCHULZ ARUSHA (P)<br>ST LOUIS ZOO (P)                        | (WB)<br>(P)<br>(P)        | [0 GEN] (Arusha Reg)<br>(exporter)<br>Pudgy<br>(1.6 ys on arrival)<br>cancerous<br>uterine CARCINOMA/<br>EUTH                                                                       | STL 02<br><br>380701           | 08/11/88      | 0.000 | 0.0.0      |
| 0124   | M | WILD | WILD | 16/02/57<br>10/02/60<br>16/02/60             | KNY EAST AFRICA (WB)<br>FREEM MIAMI RAPE (P)<br>DENVER ZOO (P)                       | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>Tombo<br>continued next page                                                                                                                               | DEM 01<br><br>00456            |               | 0.000 | 2.2.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                    | TERMS                             | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                     | BREEDER NAME/LOCAL ID                | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------|-------|------------|
| 0124   |   |      |      | 14/07/84                                                 | GARDEN CITY ZOO (L)                                                                                           |                                   | Tombo<br>(3.0 ys on arrival at DEN)<br>HEPATIC<br>BILE STASIS/<br>LIVER failure/<br>ulcerative<br>DERMATITIS/EUTH                                               | 100456                               | 11/07/87      |       |            |
| 0125   | F | WILD | WILD | 16/02/55<br>18/02/60<br>16/02/60<br>14/07/84             | KNY EAST AFRICA (WB)<br>FREEM MIAMIRARE (P)<br>DENVER ZOO (P)<br>GARDEN CITY ZOO (L)                          | (B)<br>(P)<br>(P)<br>(L)          | [0 GEN]<br>(importer)<br>Momba<br>Momba<br>(5.0 ys on arrival at DEN)<br>CANCEROUS GROWTHS<br>in spleen/liver/<br>EUTH                                          | DEN 02<br><br>00458<br>0002          |               | 0.000 | 2.2.0      |
| 0126   | F | 0124 | 0125 | 20/01/68<br>23/02/69<br>25/02/69                         | DENVER ZOO (B)<br>ZEENANDELAAR NY (TF)<br>MEMPHIS ZOO (TD)                                                    | (B)<br>(TF)<br>(TD)               | [1st GEN] no name<br>(shipper)<br>Snoopy<br>LEPTOSPIROSIS                                                                                                       | DEN 04 680103<br><br>0268            |               | 0.000 | 1.0.0      |
| 0127   | F | 0920 | 0021 | 16/06/68                                                 | BRISTOL ZOO (B)                                                                                               | (B)                               | [1st GEN] Rowena<br>multiple<br>Prolapsus recti/<br>EUTH                                                                                                        | BR1 06 1955                          | 19/02/89      | 0.000 | 0.0.0      |
| 0128   | M | WILD | WILD | 27/08/64<br>20/08/66<br>27/08/66<br>01/01/81<br>07/01/90 | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>TEL-AVIV ZOO (P)<br>RAMAT GAN Z CTR (TF)<br>BROOKER GW TRD (P) | (WB)<br>(P)<br>(P)<br>(TF)<br>(P) | [0 GEN]<br>(exporter)<br>no name<br>no name<br>(Glen Afr Fm) Momo<br>(2.0 ys on arrival at TLV)<br>unable to rise<br>susp. OLD AGE-related/<br>EUTH             | TLV 01<br><br>none<br>660011<br>none |               | 0.000 | 0.0.0      |
| 0129   | F | WILD | WILD | 27/08/64<br>20/08/66<br>27/08/66<br>01/01/81             | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>TEL-AVIV ZOO (P)<br>RAMAT GAN Z CTR (TF)                       | (WB)<br>(P)<br>(P)<br>(TF)        | [0 GEN]<br>(exporter)<br>no name<br>no name<br>(2.0 ys on arrival at TLV)<br>fibrotic OVARIES/<br>INFECTION of<br>urinary tract-<br>had 2.5 kg<br>bladder stone | TLV 02<br><br>none<br>660012         |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                    | TERMS                            | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                           | BREEDER ARKS/<br>NAME/#<br>LOCAL ID  | DATE OF DEATH            | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|-------|------------|
| 0130   | M | WILD | WILD | 03/11/51<br>13/04/54<br>03/11/55<br>05/06/74<br>08/08/74 | TZN EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>MUNICH HELLAGR (P)<br>GOLLENBEK WIESB (P)<br>SAO PAULO ZOO (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(P) | {0 GEN} <Arusha Reg><br><importer><br>Heinz<br>Heinz<br>Heinz<br><4.0 ys on arrival at MUC><br><source Rookmaker:<br>date HBG><br>general POOR HEALTH/<br>EUTH    | MUC 01<br><br><br>none<br><br><7239> | <br><br><br><br>27/05/75 | 0.000 | 0.0.0      |
| 0131   | F | WILD | WILD | 03/11/51<br>04/06/55<br>03/11/55<br>05/05/74<br>08/08/74 | TZN EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>MUNICH HELLAGR (P)<br>GOLLENBEK WIESB (P)<br>SAO PAULO ZOO (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(P) | {0 GEN} <Arusha Reg><br><importer><br>Kifaru<br>Kifaru<br>Kifaru<br><4.0 ys on arrival at MUC><br><source Rookmaker:<br>date HBG><br>general POOR HEALTH/<br>EUTH | MUC 02<br><br><br>none<br><br><7240> | <br><br><br><br>19/07/75 | 0.000 | 0.0.0      |
| 0132   | M | WILD | WILD | 17/12/55<br>30/08/60<br>17/12/60                         | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>DEHIWALA ZOO (P)                                               | (WB)<br>(P)<br>(P)               | {0 GEN}<br><Stanton Hugh><br>Hatari<br><5.0 ys on arrival><br>UNK MEANS-<br>no AUTOPSY<br><DT EST>                                                                | DHW 02<br><br><br>none               | <br><br>28/03/95         | 0.000 | 1.1.0      |
| 0133   | F | WILD | WILD | 02/01/60<br>02/11/65<br>02/01/66                         | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>DEHIWALA ZOO (P)                                               | (WB)<br>(P)<br>(P)               | {0 GEN}<br><exporter><br>Judy<br><6.0 ys on arrival><br>UNK MEANS-<br>no AUTOPSY<br><DT EST>                                                                      | DHW 04<br><br><br>none               | <br><br>28/03/95         | 0.000 | 0.1.0      |
| 0134   | F | 0132 | 0133 | 04/10/66                                                 | DEHIWALA ZOO                                                                                                  | (B)                              | {1st GEN} Moneka<br>ELECTROCUTION during<br>violent rain storm:<br>uprooted tree tore<br>down electric wire<br>which dropped into<br>animal's den <DT EST>        | DHW 05 97W398                        | 31/12/99                 | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros -

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                         | TERMS              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                                     | BREEDER ARKS/<br>NAME/LOCAL ID    | DATE OF DEATH    | FCOEF | OFF-SPRING |
|--------|----|-------|------|----------------------------------|--------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|-------|------------|
| 0135   | M  | WILD  | WILD | 01/01/50<br>30/07/55<br>01/01/56 | KNY EAST AFRICA (W6)<br>WT KNY GAME RCH (P)<br>SAN ANTONIO ZOO (P) | {B}<br>{P}<br>{P}  | {0 GEN}<br>(Stanton Hugh)<br>Tony<br>(5.0 ys on arrival)<br>(source Rookmaker:<br>origin/date Stanton)<br>susp. toxic<br>HEPATOPATHY                                                                        | STA 01<br><br>none<br>560001      | <br><br>09/07/77 | 0.000 | 1.0.0      |
| 0135   | re | minor |      |                                  |                                                                    |                    |                                                                                                                                                                                                             |                                   |                  |       |            |
| 0137   | F  | 0005  | 0006 | 11/11/69                         | FRANKFURT/M ZOO (B)                                                | {B}                | {2nd GEN} FRA 03-Nabi<br>ANAEMIA/<br>CARDIO -/<br>CIRCULATORY<br>COLLAPSE                                                                                                                                   | FRA 09 395                        | 24/12/81         | 0.250 | 0.0.0      |
| 0138   | F  | 0054  | 0055 | 01/05/68<br>07/09/69             | OKLAHOMA CITY (B)<br>TAMPA BUSCH GD (P)                            | {B}<br>{P}         | {2nd GEN} Myrtle Mae<br>Myrtle Mae<br>MYOCARDIAL<br>degeneration                                                                                                                                            | OKC 01 902100<br>59242            | 07/01/71         | 0.000 | 0.0.0      |
| 0133   | F  | 0046  | 0047 | 20/02/70                         | WASHINGTON NATZOO (B)                                              | {B}                | {1st GEN} Mary<br>HAEMOLYTIC ANAEMIA                                                                                                                                                                        | WAS 08 35178                      | 12/12/80         | 0.000 | 1.0.0      |
| 0140   | F  | 0020  | 0021 | 17/05/70                         | BRISTOL ZOO (B)                                                    | {B}                | {1st GEN} Rebecca<br>(Dam ignored young-HR:<br>appeared premature-<br>3/4 of normal bth size-<br>weak-unable to stand-<br>could not feed)<br>DERMAL -/STOMACH<br>ULCERS of unk etiology-<br>PM inconclusive | BRI 07 1955                       | 12/02/71         | 0.000 | 0.0.0      |
| 0141   | M  | 0092  | 0093 | 08/09/69<br>19/04/78<br>19/04/78 | KOBE OJI ZOO (B)<br>YOSHIKAWA KOBE (TF)<br>SHIRAHANA SF WD (P)     | {B}<br>{TF}<br>{P} | {1st GEN} Tony II<br>(shipper)<br>TOMMY<br>DERMATITIS/<br>PNEUMONIA<br>severe RHINORRHOAGIA                                                                                                                 | KOJ 06 none<br><br>none           | 20/01/80         | 0.000 | 0.0.0      |
| 0142   | M  | 0028  | 0029 | 09/07/69<br>03/04/71<br>26/01/73 | DUBLIN PHOENIX (B)<br>BEKESB HOWLETTS (P)<br>PORT LYMPNE (D)       | {B}<br>{P}<br>{D}  | {2nd GEN} Ringo<br>BARINGO<br>Baringo<br>RENAL FAILURE/<br>EUTH                                                                                                                                             | DBL 02 69M023<br>H71009<br>P73002 | 01/01/92         | 0.000 | 3.2.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                                                     | TERMS                                          | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                                                            | BREEDER ARKS/NAME/# LOCAL ID                       | DATE OF DEATH                | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|------------------------------|-------|------------|
| 0143   | F | WILD | WILD | 31/01/67<br>01/05/68<br>30/12/68<br>31/12/68                                     | KNY EAST AFRICA (WB)<br>RUME HANOVER (P)<br>IAE FERNDALE (P)<br>GRANBY ZOO (P)                                                                 | (WB)<br>(P)<br>(P)<br>(P)                      | [0 GEN]<br>(importer)<br><br>no name<br>(1.11 yrs on arrival)<br>UNK MEANS -<br>no INFO submitted                                                                                                                                       | GRB 03<br><br><br>680005                           | <br><br><br>05/12/70         | 0.000 | 0.0.0      |
| 0144   | F | WILD | WILD | 25/03/51<br>01/02/55<br>25/03/55                                                 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>DEHIVALA ZOO (P)                                                                                | (WB)<br>(P)<br>(P)                             | [0 GEN]<br>(Stanton Hugh) (exporter)<br>Patsy<br>(4.0 yrs on arrival)<br>(stud number formerly deleted)<br>(subsequent registration)<br>(source Rookmarker:<br>exporter)<br>general FATIGUE<br>after aborting 0149 -<br>died 2 ms later | DHW 01<br><br><br>none                             | <br><br><br>01/03/83         | 0.000 | 1.0.0      |
| 0145   | M | 2007 | 0008 | 29/05/70<br>02/04/81<br>25/04/83                                                 | HANOVER ZOO<br>ZURICH ZOO<br>HANOVER ZOO                                                                                                       | (B)<br>(L)<br>(P)                              | [1st GEN] Fridolin<br>Fridolin<br>Fridolin<br>GASTRIC COLIC/<br>CIRCULATORY<br>COLLAPSE                                                                                                                                                 | HAN 25 IV5<br>810029<br>IV5                        | <br><br>10/10/85             | 0.000 | 0.0.0      |
| 0146   | M | WILD | WILD | 25/05/66<br>15/04/69<br>25/05/69                                                 | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)<br>SAN DIEGO ZOO (P)                                                                               | (WB)<br>(P)<br>(P)                             | [0 GEN]<br>(exporter)<br>Lenny<br>(3.0 yrs on arrival)<br>mycotic INFECTION/<br>mycotic THROMBOSIS                                                                                                                                      | SDZ 03<br><br>1E9177                               | <br><br>29/06/80             | 0.000 | 0.0.0      |
| 0147   | F | WILD | WILD | 05/09/66<br>25/07/71<br>05/09/71<br>21/03/73<br>18/03/77<br>04/10/78<br>29/10/81 | KNY EAST AFRICA (WB)<br>STEWART NAIROBI (P)<br>SOUTHAMPTON ZOO (P)<br>BRISTOL ZOO (P)<br>CHESTER ZOO (L)<br>BRISTOL ZOO (R)<br>CHESTER ZOO (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(L)<br>(R)<br>(P) | [0 GEN]<br>(exporter)<br>Thelma<br>Thelma<br>Thelma<br>Thelma<br>Thelma<br>(5.0 yrs on arrival at SOU)<br>susp. PERICARDITIS -<br>PM inconclusive                                                                                       | SOU 01<br><br>none<br>1957<br>none<br>1357<br>none | <br><br><br><br><br>02/10/83 | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S                           | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                         | BREEDER ARKS/<br>NAME/#<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|-----------------------------|------|------|-----------------------|----------------------------|-------|-------------------------------------------------------------------------------------|----------------------------------------|------------------|-------|----------------|
| 0148   | M                           | WILD | WILD | 25/07/64              | EAST AFRICA                | (WB)  | [0 GEN]                                                                             | LOD 01                                 |                  | 0.000 | 0.0.0          |
|        |                             |      |      | 25/07/66              | LOD ZOO                    | (P)   | Tytan                                                                               | 1387                                   |                  |       |                |
|        |                             |      |      | 31/05/85              | BRINK SOEST NL             | (P)   | Tytan                                                                               |                                        |                  |       |                |
|        |                             |      |      | 01/07/85              | SAG LEOPOLDO PK            | (P)   | Tytan                                                                               | none                                   |                  |       |                |
|        |                             |      |      |                       |                            |       | (2.0 ys on arrival at LOD)                                                          |                                        |                  |       |                |
|        |                             |      |      |                       |                            |       | OSTEOPOROSIS-<br>FRACTURE of<br>vertebra                                            |                                        | 25/05/86         |       |                |
| 0149   | M                           | 0132 | 0144 | 01/01/63?             | DEHIWALA ZOO               | (B)   | [1st GEN]<br>(stud number formerly deleted)<br>(subsequent registration)<br>ABORTUS | DHW 03                                 | none             | 0.000 | 0.0.0          |
|        |                             |      |      |                       |                            |       |                                                                                     |                                        | 01/01/63         |       |                |
| 0150   | F                           | 0031 | 0032 | 27/08/70              | ZURICH ZOO                 | (S)   | [1st GEN] Wtoto                                                                     | ZRH 04                                 | 700001           | 0.000 | 2.3.0          |
| 0151   | M                           | WILD | WILD | 16/03/63              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                             | LAX 02                                 |                  | 0.000 | 2.2.0          |
|        |                             |      |      | 13/09/68              | IAE FERNDAL                | (P)   | (importer)                                                                          |                                        |                  |       |                |
|        |                             |      |      | 16/09/68              | LOS ANGELES ZOO            | (P)   | Arthur                                                                              | 04716                                  |                  |       |                |
|        |                             |      |      |                       |                            |       | (5.6 ys on arrival)                                                                 |                                        |                  |       |                |
|        |                             |      |      |                       |                            |       | bacterial<br>URINARY INFECTION                                                      |                                        | 03/03/79         |       |                |
| 0152   | F                           | 0151 | 0076 | 20/03/70              | LOS ANGELES ZOO            | (B)   | [1st GEN] no name                                                                   | LAX 03                                 | 05714            | 0.000 | 0.0.0          |
|        |                             |      |      | 06/11/70              | IAE GRD PRAIRIE            | (P)   | no name                                                                             |                                        | (none)           |       |                |
|        |                             |      |      | 06/11/70              | POWELL COLUMBUS            | (P)   | no name                                                                             |                                        | none             |       |                |
|        |                             |      |      |                       |                            |       | UNK MEANS-<br>no INFO submitted                                                     |                                        | 10/09/71         |       |                |
| 0153   | F                           | WILD | WILD | 30/08/66              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                             | MAG 02                                 |                  | 0.000 | 1.1.0          |
|        |                             |      |      | 22/06/70              | RUHE HANOVER               | (P)   | (importer)                                                                          |                                        |                  |       |                |
|        |                             |      |      | 30/08/70              | MAGDEBURG ZOO              | (TC)  | Kenia                                                                               | 560002                                 |                  |       |                |
|        |                             |      |      |                       |                            |       | (4.0 ys on arrival)                                                                 |                                        |                  |       |                |
| 0154   | DELETED identical with 0107 |      |      |                       |                            |       |                                                                                     |                                        |                  |       |                |
| 0155   | M                           | WILD | WILD | 22/05/65              | KNY EAST AFRICA            | (WB)  | [0 GEN]                                                                             | TAM 01                                 |                  | 0.000 | 2.3.0          |
|        |                             |      |      | 01/04/69              | CAPP-HARTL NAIR            | (P)   | (exporter)                                                                          |                                        |                  |       |                |
|        |                             |      |      | 22/05/69              | TAMPA BUSCH GD             | (P)   | Joe                                                                                 | 15317                                  |                  |       |                |
|        |                             |      |      |                       |                            |       | (4.0 ys on arrival)                                                                 |                                        |                  |       |                |
|        |                             |      |      |                       |                            |       | HAEMOLYTIC ANAEMIA                                                                  |                                        | 05/01/85         |       |                |
| 0156   | F                           | 0040 | 0041 | 24/12/70              | ZAGREB ZOO                 | (B)   | [1st GEN] Eva                                                                       | ZAG 03                                 | none             | 0.000 | 0.0.0          |
|        |                             |      |      | 13/12/72              | OSIJEK ZOO                 | (P)   | Eva                                                                                 | none                                   |                  |       |                |
|        |                             |      |      |                       |                            |       | INTOXICATION                                                                        |                                        | 31/12/72         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                         | TERMS                                      | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                   | BREEDER NAME/# | ARKS/LOCAL ID                            | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------|---------------|-------|------------|
| 0157   | M | 0018 | 0019 | 25/11/70<br>20/04/72                                                 | LON-WHIPSHADE<br>DUBLIN PHOENIX                                                                    | (B)<br>(P)                                 | [1st GEN] Kijana Nanjuki<br>KIJANA<br>UNK MEANS-<br>PM inconclusive                                                                                            | WHI 05         | none<br>72H029                           | 02/05/73      | 0.000 | 0.0.0      |
| 0158   | M | WILD | WILD | 01/01/60<br>01/06/65<br>01/01/65                                     | KNY EAST AFRICA<br>CARR-HARTL NAIR<br>TEHERAN ZOO                                                  | (WB)<br>(P)<br>(P)                         | [0 GEN] (Rumuruti Reg)<br>(exporter)<br>Kifaru<br>(5.6 ys on arrival)<br>cold weather STRESS                                                                   | TEH 01         | none                                     | 01/12/82      | 0.000 | 2.3.0      |
| 0159   | F | WILD | WILD | 01/10/52<br>01/03/58<br>01/04/68<br>31/12/85                         | KNY EAST AFRICA<br>CARR-HARTL NAIR<br>TEHERAN ZOO<br>LOC UNK ASIA                                  | (WB)<br>(P)<br>(P)<br>(P)                  | [0 GEN] (Rumuruti Reg)<br>(exporter)<br>Maru<br>(5.6 ys on arrival)<br>TEH: Status of 08.1985-<br>extinct sometime<br>thereafter-PATE UNK-<br>removed from STB | TEH 02         | none                                     | 31/12/98      | 0.000 | 2.3.0      |
| 0160   | M | 0158 | 0159 | 17/05/71<br>31/12/85                                                 | TEHERAN ZOO<br>LOC UNK ASIA                                                                        | (B)<br>(P)                                 | [1st GEN] Nanyuki<br>TEH: Status of 08.1985-<br>extinct sometime<br>thereafter-PATE UNK-<br>removed from STB                                                   | TEH 03         | none                                     | 31/12/98      | 0.000 | 0.0.0      |
| 0161   | M | 0074 | 0075 | 01/01/72<br>08/09/73                                                 | SAN FRANCISCO<br>DENVER ZOO                                                                        | (B)<br>(P)                                 | [1st GEN] Rhinestone<br>Rhinestone<br>HAEMOLYTIC ULCERS/<br>SALMONELLOSIS/<br>EUTH                                                                             | SFO 03         | 17204<br>00457                           | 23/01/95      | 0.000 | 3.3.1      |
| 0162   | M | WILD | WILD | 06/10/58<br>01/09/60<br>01/10/60<br>06/10/60<br>31/05/65<br>08/09/65 | KNY EAST AFRICA<br>DENWER NAIROBI<br>DEL GARDA ZOOPC<br>DRESDEN ZOO<br>RUHE HANOVER<br>WROCLAW ZOO | (WB)<br>(P)<br>(TF)<br>(TD)<br>(TD)<br>(P) | [0 GEN]<br>(Langata Pk)<br>(Denwer)<br>Faru<br>Faru<br>Faru<br>(est. 2.0 ys on arrival at DRE)<br>HAEMORRHAGE into<br>JEJUNUM WALL                             | DRE 01         | none<br>none<br>160093<br>none<br>200138 | 07/12/72      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                           | TERMS                                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                | BREEDER NAME/LOCAL ID | ARKS/LOCAL ID                                 | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|----|------|------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------|---------------|-------|------------|
| 0153   | F  | 0124 | 0125 | 05/01/71                                                             | DENVER ZOO                                                                                           | (B)                                       | [1st GEN] Lij<br>HAEMOLYTIC ULCERS/<br>SALMONELLOSIS/<br>EUTH                                                          | DEN 05                | 00459                                         | 20/02/95      | 0.000 | 3.3.1      |
| 0164   | M  | 0024 | 0025 | 22/02/71<br>27/03/73<br>01/07/81<br>05/08/87<br>16/11/87<br>17/01/90 | CHESTER ZOO<br>PAIGHTON ZOO<br>CHESTER ZOO<br>LOW-WHIPSMAGE<br>LOW-REGENT'S PK<br>PORT LYMPNE        | (B)<br>(P)<br>(L)<br>(L)<br>(L)<br>(L)    | [2nd GEN] Jaspa<br>Jaspa<br>Jaspa<br>Jaspa<br>Jaspa<br>Jaspa                                                           | CHE 03                | none<br>309<br>none<br>none<br>A513<br>P50001 |               | 0.000 | 0.0.0      |
| 0165   | F  | 0036 | 0037 | 20/10/71<br>15/04/74<br>09/10/98                                     | NAPLES ZOO<br>ROME BIOPARCO<br>PORT LYMPNE                                                           | (B)<br>(P)<br>(L)                         | [1st GEN] NAP 84-Claire<br>LUCIA<br>Lucia                                                                              | NAP 07                | none<br>19<br>P38066                          |               | 0.000 | 1.0.0      |
| 0166   | M  | WILD | WILD | 27/05/70<br>18/08/71<br>18/09/71<br>27/11/71<br>05/04/88<br>30/09/91 | TZN EAST AFRICA<br>CARR-HARTL NAIR<br>RUHE HANOVER<br>LEIPZIG ZOO<br>BERLIN ZOO<br>BERLIN ZOO        | (WB)<br>(P)<br>(P)<br>(TD)<br>(L)<br>(TD) | [0 GEN]<br>(exporter)<br>(importer)<br>Klaus<br>Klaus<br>Klaus<br>(1.6 ys on arrival at LP2)<br>DEHYDRATION            | LP2 02                | W00444<br>880003<br>880003                    | 01/10/91      | 0.000 | 1.3.0      |
| 0167   | F  | WILD | WILD | 08/10/65<br>20/02/68<br>21/03/68<br>08/04/68<br>22/06/70<br>25/06/71 | KNY EAST AFRICA<br>CHIPPERFIELD UK<br>RUHE HANOVER<br>THOIRY ZOO PARC<br>RUHE HANOVER<br>LEIPZIG ZOO | (WB)<br>(P)<br>(P)<br>(P)<br>(P)<br>(TD)  | [0 GEN]<br>(Southampton Zoo)<br>(P)<br>Toto<br>Toto<br>UTE<br>(2.6 ys on arrival at THO)<br>PULMONARY MYCOSIS/<br>EUTH | THO 01                | none<br>none<br>none<br>none<br>W00445        | 14/01/88      | 0.000 | 0.0.0      |
| 0168   | re | none |      |                                                                      |                                                                                                      |                                           |                                                                                                                        |                       |                                               |               |       |            |
| 0169   | M  | WILD | WILD | 22/01/70<br>22/08/71<br>22/06/72<br>21/07/72<br>03/08/72             | KNY EAST AFRICA<br>DVUR KRALOVE<br>RUHE BRUNKENSEN<br>ZEEHAWDELAAR NY<br>JACKSONVILLE                | (WB)<br>(P)<br>(P)<br>(P)<br>(P)          | [0 GEN] (nr Tsavo NP)<br>Lord<br>Lord<br>Lord<br>Lord                                                                  | DVU 01                | 056001<br>none<br>672071                      |               | 0.000 | 1.3.0      |

continued next page

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                    | TERMS                                           | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                         | BREEDER NAME/<br>LOCAL ID                              | DATE OF DEATH | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|---------------|-------|------------|
| 0169   |   |      |      | 22/04/78                                                                         | SAN ANTONIO ZOO                                                                                               | (P)                                             | Lord<br>(1.7 ys on arrival at DVU)<br>unresponsive LAMENESS/<br>severe DERMATITIS<br>similar to SKD/<br>HAEMOSIDEROSIS/<br>EUTH | 781454                                                 | 22/04/99      |       |            |
| 0170   | M | WILD | WILD | 22/01/70<br>22/08/71                                                             | KNY EAST AFRICA<br>DVUR KRALOVE                                                                               | (WB)<br>(P)                                     | [0 GEN] (nr Tsavo NP)<br>Ken<br>(1.7 ys on arrival)<br>ARTERIAL SCLEROSIS/<br>HEPATITIS/NEPHRITIS<br>from toxic feed            | DVU 02<br>058002                                       | 08/11/79      | 0.000 | 0.2.0      |
| 0171   | M | WILD | WILD | 22/05/69<br>22/08/71<br>11/02/75<br>02/10/80<br>22/04/83<br>23/04/83<br>12/05/85 | KNY EAST AFRICA<br>DVUR KRALOVE<br>WPOCLAW ZOO<br>DVUR KRALOVE<br>BRINK SOEST NL<br>ZURICH ZOO<br>TALLINN ZOO | (WB)<br>(P)<br>(P)<br>(P)<br>(TF)<br>(P)<br>(L) | [0 GEN] (nr Tsavo NP)<br>Murray<br>KEN<br>Murray<br>(shipper)<br>Murray<br>Murray<br>(2.0 ys on arrival at DVU)                 | DVU 03<br>058004<br>200140<br>058064<br>830015<br>9258 |               | 0.000 | 1.0.0      |
| 0172   | M | WILD | WILD | 22/05/69<br>22/08/71                                                             | KNY EAST AFRICA<br>DVUR KRALOVE                                                                               | (WB)<br>(P)                                     | [0 GEN] (nr Tsavo NP)<br>King<br>(3.0 ys on arrival)<br>Volvulus jejuni<br>from toxic feed                                      | DVU 04<br>058003                                       | 22/04/78      | 0.000 | 1.0.0      |
| 0173   | F | WILD | WILD | 22/08/67<br>22/08/71                                                             | KNY EAST AFRICA<br>DVUR KRALOVE                                                                               | (WB)<br>(P)                                     | [0 GEN] (nr Tsavo NP)<br>Zina<br>(4.0 ys on arrival)<br>HEPATITIS/NEPHRITIS/<br>PULMONARY OEDEMA<br>from toxic feed             | DVU 05<br>058005                                       | 28/04/78      | 0.000 | 0.0.0      |
| 0174   | F | WILD | WILD | 22/08/67<br>22/08/71                                                             | KNY EAST AFRICA<br>DVUR KRALOVE                                                                               | (WB)<br>(P)                                     | [0 GEN] (nr Tsavo NP)<br>Elsa<br>(4.0 ys on arrival)<br>chronic NEPHRITIS/<br>HEPATITIS<br>from toxic feed                      | DVU 05<br>058006                                       | 07/04/78      | 0.000 | 0.1.0      |
| 0175   | F | WILD | WILD | 22/02/70<br>22/08/71                                                             | KNY EAST AFRICA<br>DVUR KRALOVE                                                                               | (WB)<br>(P)                                     | [0 GEN] (nr Tsavo NP)<br>Jimmi<br>(1.6 ys on arrival)                                                                           | DVU 07<br>058008                                       |               | 0.000 | 3.3.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|-----------------------|----------------------------|----------------------|------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0176   | F | WILD | WILD                  | 22/08/68                   | KNY EAST AFRICA (WB) | [0 GEN] (nr Tsavo NP)                                                                                      | DVU 08         |                      |                  | 0.000 | 0.0.0          |
|        |   |      | 22/08/71              | DVUR KRALOVE (P)           |                      | Lenka                                                                                                      |                | 058307               |                  |       |                |
|        |   |      | 26/06/72              | RUHE BRUNKENSEN (P)        |                      | Lenka                                                                                                      |                | none                 |                  |       |                |
|        |   |      | 21/07/72              | ZEEHANDELAAR NY (P)        |                      | Lenka                                                                                                      |                |                      |                  |       |                |
|        |   |      | 03/08/72              | JACKSONVILLE (P)           |                      | Lenka                                                                                                      |                | 872070               |                  |       |                |
|        |   |      | 14/05/78              | POWELL COLUMBUS (L)        |                      | BONNIE                                                                                                     |                | 782005               |                  |       |                |
|        |   |      |                       |                            |                      | (3.0 ys on arrival at DVU)<br>HAEMOLYTIC ANAEMIA                                                           |                |                      | 17/04/82         |       |                |
| 0177   | F | WILD | WILD                  | 22/08/68                   | KNY EAST AFRICA (WB) | [0 GEN] (nr Tsavo NP)                                                                                      | DVU 09         |                      |                  | 0.000 | 0.0.0          |
|        |   |      | 22/08/71              | DVUR KRALOVE (P)           |                      | Tuty                                                                                                       |                | 058010               |                  |       |                |
|        |   |      |                       |                            |                      | (3.0 ys on arrival)<br>chronic NEPHRITIS/<br>HEPATITIS<br>from toxic feed                                  |                |                      | 24/05/78         |       |                |
| 0178   | F | WILD | WILD                  | 22/02/70                   | KNY EAST AFRICA (WB) | [0 GEN] (nr Tsavo NP)                                                                                      | DVU 10         |                      |                  | 0.000 | 1.1.0          |
|        |   |      | 22/08/71              | DVUR KRALOVE (P)           |                      | Jarca                                                                                                      |                | 058009               |                  |       |                |
|        |   |      |                       |                            |                      | (1.8 ys on arrival)<br>mycotic PNEUMONIA                                                                   |                |                      | 08/09/96         |       |                |
| 0179   | F | 0120 | 0121                  | 30/04/70                   | ST LOUIS ZOO (B)     | [1st GEN] Olive Oil                                                                                        | STL 05         | 070400               |                  | 0.000 | 0.0.0          |
|        |   |      | 08/06/71              | ZEEHANDELAAR NY (P)        |                      | Olive Oil                                                                                                  |                |                      |                  |       |                |
|        |   |      | 08/06/71              | MEMPHIS ZOO (P)            |                      | Olive Oil                                                                                                  |                | 0269                 |                  |       |                |
|        |   |      | 18/02/82              | SAN DIEGO VAP (P)          |                      | Olive Oil                                                                                                  |                | 682055               |                  |       |                |
|        |   |      |                       |                            |                      | ASPHYXIA from<br>ASPIRATION of mud/<br>water into respiratory<br>passage/FOREIGN BODY<br>GRANULOMA in lung |                |                      | 28/05/82         |       |                |
| 0180   | F | 0058 | 0057                  | 21/03/70                   | CINCINNATI ZOO (B)   | [1st GEN] Princess                                                                                         | CVG 07         | M14005               |                  | 0.000 | 4.1.0          |
|        |   |      | 10/04/89              | POWELL COLUMBUS (L)        |                      | Princess                                                                                                   |                | 892020               |                  |       |                |
|        |   |      | 10/01/90              | CINCINNATI ZOO (R)         |                      | Princess                                                                                                   |                | M14005               |                  |       |                |
|        |   |      |                       |                            |                      | impaired DIGESTION/<br>EUTH                                                                                |                |                      | 27/07/93         |       |                |
| 0181   | F | WILD | WILD                  | 14/07/66                   | KNY EAST AFRICA (WB) | [0 GEN]                                                                                                    | HIR 01         |                      |                  | 0.000 | 6.6.1          |
|        |   |      | 14/07/71              | HIR ASA ZOOL PK (P)        |                      | Hana                                                                                                       |                | none                 |                  |       |                |
|        |   |      |                       |                            |                      | (5.0 ys on arrival)                                                                                        |                |                      |                  |       |                |
| 0182   | M | WILD | WILD                  | 14/07/67                   | KNY EAST AFRICA (WB) | [0 GEN]                                                                                                    | HIR 02         |                      |                  | 0.000 | 8.8.1          |
|        |   |      | 14/07/71              | HIR ASA ZOOL PK (P)        |                      | Auro                                                                                                       |                | none                 |                  |       |                |
|        |   |      |                       |                            |                      | (4.0 ys on arrival)                                                                                        |                |                      |                  |       |                |
| 0183   | F | 0184 | 0185                  | 01/02/72                   | OSAKA TENNOJI (B)    | [1st GEN] 06-Satchan                                                                                       | OSA 06         | 394                  |                  | 0.000 | 3.3.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|-----------------------|----------------------------|----------------------------|------------------------------------------------|------------------------|---------------|-------|------------|
| 0134   | M | WILD | WILD | 30/04/63              | KNY EAST AFRICA (WB)       | [0 GEN]                    |                                                | OSA 04                 |               | 0.000 | 0.1.0      |
|        |   |      |      | 08/04/65              | CARR-HARTL NAIR (P)        | (exporter)                 |                                                |                        |               |       |            |
|        |   |      |      | 14/04/65              | PT MOMBASA KNY (TF)        | (dt of dpt)                |                                                |                        |               |       |            |
|        |   |      |      | 25/04/65              | KEIHIN YOKOHAMA (P)        | (importer)                 |                                                |                        |               |       |            |
|        |   |      |      | 30/04/65              | OSAKA TENNOJI (P)          | 04-Saitaro                 |                                                | 392                    |               |       |            |
|        |   |      |      |                       |                            | (2.0 ys on arrival)        |                                                |                        |               |       |            |
|        |   |      |      |                       |                            | chronic                    |                                                |                        | 27/02/74      |       |            |
|        |   |      |      |                       |                            | Enteritis catarrhalis      |                                                |                        |               |       |            |
| 0165   | F | WILD | WILD | 14/02/63              | KNY EAST AFRICA (WB)       | [0 GEN]                    |                                                | OSA 05                 |               | 0.000 | 2.5.0      |
|        |   |      |      | 02/06/65              | CARR-HARTL NAIR (P)        | (exporter)                 |                                                |                        |               |       |            |
|        |   |      |      | 07/08/65              | PT MOMBASA KNY (TF)        | (dt of dpt)                |                                                |                        |               |       |            |
|        |   |      |      | 11/08/65              | KEIHIN YOKOHAMA (P)        | (importer)                 |                                                |                        |               |       |            |
|        |   |      |      | 14/08/65              | OSAKA TENNOJI (P)          | 05-Barbara                 |                                                | 393                    |               |       |            |
|        |   |      |      | 07/04/77              | HITACHI KAMINE (D)         | Barbara                    |                                                | none                   |               |       |            |
|        |   |      |      |                       |                            | (2.6 ys on arrival at OSA) |                                                |                        |               |       |            |
|        |   |      |      |                       |                            | traumatic SHOCK            |                                                |                        | 01/10/88      |       |            |
| 0186   | F | 0120 | 0121 | 05/03/72              | ST LOUIS ZOO               | (B)                        | [1st GEN] Martini                              | STL 06 072412          |               | 0.000 | 0.0.0      |
|        |   |      |      |                       |                            |                            | acute                                          |                        | 20/05/81      |       |            |
|        |   |      |      |                       |                            |                            | HAEMOLYTIC ANAEMIA                             |                        |               |       |            |
| 0187   | F | 0071 | 0072 | 03/05/72              | COLSPR CHEYENNE            | (B)                        | [1st GEN] Maybelle                             | CHN 07 100435          |               | 0.000 | 0.0.0      |
|        |   |      |      |                       |                            |                            | HAEMOLYTIC ANAEMIA                             |                        | 13/12/88      |       |            |
| 0198   | F | WILD | WILD | 01/03/70              | KNY EAST AFRICA (WB)       | [0 GEN]                    |                                                | SDW 01                 |               | 0.000 | 0.1.0      |
|        |   |      |      | 25/05/72              | IAE FERNDALDE (P)          | (importer)                 |                                                |                        |               |       |            |
|        |   |      |      | 30/03/72              | SAN DIEGO WAP (P)          | Mulenda                    |                                                | 100287                 |               |       |            |
|        |   |      |      | 13/05/82              | SAN DIEGO ZOO (D)          | Mulenda                    |                                                | 100287                 |               |       |            |
|        |   |      |      | 04/05/89              | POWELL COLUMBUS (L)        | Mulenda                    |                                                | 892041                 |               |       |            |
|        |   |      |      |                       |                            | (2.6 ys on arrival at SDW) |                                                |                        |               |       |            |
|        |   |      |      |                       |                            | chronic                    |                                                |                        | 18/07/92      |       |            |
|        |   |      |      |                       |                            | DEBILITATION/ EUTH         |                                                |                        |               |       |            |
| 0189   | M | 0052 | 0053 | 12/08/72              | DETROIT ZOO                | (B)                        | [1st GEN] Larry                                | DTT 09 312             |               | 0.000 | 0.0.0      |
|        |   |      |      | 01/11/73              | SEDSWICK WICHT (P)         | Larry                      |                                                | SM102                  |               |       |            |
|        |   |      |      |                       |                            |                            | multiple                                       |                        | 07/01/78      |       |            |
|        |   |      |      |                       |                            |                            | CARDIAC SEIZURES                               |                        |               |       |            |
|        |   |      |      |                       |                            |                            | susp. due to                                   |                        |               |       |            |
|        |   |      |      |                       |                            |                            | auto-immune disease                            |                        |               |       |            |
| 0190   | F | 0016 | 0017 | 26/11/69              | LON-RESENT'S PK (B)        | [1st GEN] Luana            |                                                | LON 09 A3036           |               | 0.000 | 1.3.0      |
|        |   |      |      | 20/04/72              | DUBLIN PHOENIX (P)         | Luana                      |                                                | 72M028                 |               |       |            |
|        |   |      |      | 07/06/74              | CHIPPERFIELD UK (P)        | (Southampton Zoo)          |                                                | none                   |               |       |            |
|        |   |      |      | 08/07/74              | ZEEHANDELAAR NY (P)        | Luana                      |                                                |                        |               |       |            |
|        |   |      |      |                       |                            | continued next page        |                                                |                        |               |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                          | TERMS                      | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                  | BREEDER ARKS/LOCAL NAME/ID                    | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|---------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------|---------------|-------|------------|
| 0190   |   |      |      | 30/07/74<br>28/12/76<br>23/09/98             | TORONTO ZOO<br>SAN ANTONIO ZOO<br>DENVER ZOO                        | (P)<br>(P)<br>(L)          | Luana<br>LISA<br>Luana<br>generalized<br>SEPTICAEMIA from<br>severe dental disease/<br>EUTH                   | 4240<br>761258<br>950332                      | 18/02/00      |       |            |
| 0191   | F | 0016 | 0017 | 16/11/72<br>09/10/73                         | LON-RESENT'S PK<br>PAIGNTON ZOO                                     | (B)<br>(F)                 | [1st GEN] Jo-Anna<br>Joanna<br>HAEMORRHAGIC<br>ENTERITIS                                                      | LON 10<br>A3037<br>1637                       |               | 0.000 | 0.0.0      |
| 0192   | F | 0054 | 0055 | 02/05/72<br>05/11/73<br>06/10/88<br>14/03/95 | OKLAHOMA CITY<br>SEDOWICK WICHIT<br>SAN DIEGO ZOO<br>SAN DIEGO WAP  | (B)<br>(TD)<br>(L)<br>(L)  | [2nd GEN] Edith Ann<br>SCOOTER<br>Scooter<br>Edith Ann<br>DIGESTIVE/<br>METABOLISM (?) -<br>PM still pending! | OKC 02<br>204003<br>SM103<br>568371<br>568371 |               | 0.000 | 1.0.0      |
| 0193   | F | WILD | WILD | 17/04/69<br>17/04/72<br>08/08/72<br>17/09/72 | KWY EAST AFRICA<br>KWY GW WRD DPT<br>CARR-HARTL NAIR<br>WROCLAW ZOO | (WB)<br>(TF)<br>(P)<br>(P) | [0 GEN]<br>(dt of cpt)<br>(exporter)<br>wikta<br>(3.5 ys on arrival)<br>INTESTINAL ATONY                      | WRO 01<br><br><br>200139                      |               | 0.000 | 0.0.0      |
| 0194   | F | WILD | WILD | 26/05/70<br>20/08/71<br>26/07/71<br>26/01/73 | KWY EAST AFRICA<br>DENNER NAIROBI<br>BEKESB HOWLETT<br>PORT LYMNE   | (WB)<br>(P)<br>(P)<br>(D)  | [0 GEN]<br>(exporter)<br>Naivasha<br>Naivasha<br>(1.2 ys on arrival at BEK)                                   | BEK 01<br><br>H71008<br>P73001                |               | 0.000 | 4.2.0      |
| 0195   | F | WILD | WILD | 20/11/70<br>15/09/71<br>20/10/71<br>26/01/73 | KWY EAST AFRICA<br>DENNER NAIROBI<br>BEKESB HOWLETT<br>PORT LYMNE   | (WB)<br>(P)<br>(P)<br>(D)  | [0 GEN]<br>(exporter)<br>Rukwa<br>Rukwa<br>(11 ms on arrival at BEK)                                          | BEK 02<br><br>H71007<br>P73003                |               | 0.000 | 2.4.0      |
| 0196   | F | WILD | WILD | 11/01/43<br>08/12/46                         | TZN EAST AFRICA<br>HALLSTROM E TZN                                  | (WB)<br>(TF)               | [0 GEN] (Arusha Reg)<br>(dt of dpt)<br>continued next page                                                    | SYD 03                                        |               | 0.000 | 1.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | O       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                | TERMS                                   | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                      | BREEDER NAME/# | ARKS/LOCAL ID    | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|---------------|-------|------------|
| 0196   |   |      |      | 11/01/47                                                             | MOSMAN TARONGA                                                                                            | (TD)                                    | Sonya<br>(4.0 ys on arrival)<br>non-Thrombocytopaenic<br>puerpera haemorrhagica<br>with HAEMOLYTIC E. coli<br>HAEMORRHAGE<br>from mouth/nose/anus |                | 470002           | 12/00/74      |       |            |
| 0197   | F | 0099 | 0100 | 23/08/58<br>28/10/91                                                 | MOSMAN TARONGA<br>DUBBO WESTERN P                                                                         | (B)<br>(TD)                             | [1st GEN] Taronga<br>Taronga<br>chronic<br>FOOT ABSCESS/<br>mycotic<br>PNEUMONIA/EUTH                                                             | SYD 14         | 580017<br>910076 | 11/09/97      | 0.000 | 0.2.0      |
| 0198   | M | 0019 | 0019 | 31/08/73                                                             | LON-WHIPSNADE                                                                                             | (B)                                     | [1st GEN] M'Kuzi<br>UNK MEANS -<br>no INFO submitted                                                                                              | WHI 05         | none             | 21/11/74      | 0.000 | 0.0.0      |
| 0199   | M | WILD | WILD | 22/11/70<br>03/09/72<br>09/10/72<br>25/10/73<br>30/10/73<br>22/11/73 | KNY EAST AFRICA<br>KUENZLER ARUSHA<br>RUHE BRUNKENSEN<br>ZEEHANDELAAR NY<br>LEOPARD LORENA<br>MEMPHIS ZOO | (WB)<br>(P)<br>(P)<br>(P)<br>(P)<br>(P) | [1 GEN]<br><exporter><br><importer><br><br>Punion<br><3.0 ys on arrival><br>INFECTION assoc.                                                      | HEM 02         |                  | 0267          | 0.000 | 1.0.0      |
| 0200   | F | 0024 | 0025 | 30/11/73                                                             | CHESTER ZOO                                                                                               | (B)                                     | [2nd GEN] Linda<br>MUSCULAR DYSTROPHY                                                                                                             | CHE 04         | none             | 18/03/76      | 0.000 | 0.0.0      |
| 0201   | M | WILD | WILD | 20/02/72<br>26/02/74<br>16/04/74<br>20/04/74                         | KNY EAST AFRICA<br>MT KNY GAME RCH<br>IAE FERDALE<br>MIAMI METROZOO                                       | (WB)<br>(P)<br>(P)<br>(P)               | [1 GEN]<br><Stanton Hugh> <exporter><br><importer><br>Studley<br><2.2 ys on arrival><br>HEPATITIS                                                 | MIA 02         |                  | 109           | 0.000 | 1.0.0      |
| 0202   | F | WILD | WILD | 12/12/71<br>10/06/73<br>13/06/73                                     | KNY EAST AFRICA<br>IAE FERDALE<br>MIAMI METROZOO                                                          | (WB)<br>(P)<br>(P)                      | [1 GEN]<br><importer><br>Cora<br><1.6 ys on arrival><br>general decline<br>in health/<br>acute<br>HAEMOLYTIC ANAEMIA                              | MIA 01         |                  | 110           | 0.000 | 5.0.0      |
|        |   |      |      |                                                                      |                                                                                                           |                                         |                                                                                                                                                   |                |                  | 22/10/99      |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD<br># | S | SIRE | DAM  | DATE OF<br>BIRTH/<br>ARRIVAL                             | LOCATION OF<br>BIRTH/<br>TRANSFER                                                                          | TERMS                             | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                   | BREEDER<br>NAME/#  | ARKS/<br>LOCAL<br>ID      | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|---|------|------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|---------------------------|------------------|-------|----------------|
| 0203      | M | WILD | WILD | 09/05/71<br>01/10/73<br>09/11/73<br>15/04/74             | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)<br>NAPLES ZOO (P)<br>ROME BIOPARCO (P)                         | (WB)<br>(P)<br>(P)<br>(P)         | [0 GEN]<br>(exporter)<br>John<br>GHIBLI<br>(2.6 ys on arrival at NAP)<br>NEPHRITIS                                                                            | NAP 08             |                           |                  | 0.006 | 1.0.0          |
|           |   |      |      |                                                          |                                                                                                            |                                   |                                                                                                                                                               |                    | none<br>none              | 12/02/83         |       |                |
| 0204      | M | 0124 | 0125 | 31/10/74<br>01/12/75<br>04/12/75                         | DENVER ZOO<br>ZEEHANDELAAR NY (TF)<br>TORONTO ZOO (P)                                                      | (B)<br>(TF)<br>(P)                | [1st GEN] Spook<br>(shipper)<br>Spook<br><br>HAEEMORRHAGE in<br>stomach/kidneys<br>susp. from<br>INTOXICATION                                                 | 0EN 06<br><br>5375 | 00460                     |                  | 0.000 | 0.0.0          |
|           |   |      |      |                                                          |                                                                                                            |                                   |                                                                                                                                                               |                    |                           | 25/01/77         |       |                |
| 0205      | F | WILD | WILD | 03/12/57<br>07/04/67<br>29/04/67<br>03/05/67<br>07/07/78 | KNY EAST AFRICA (WB)<br>RUME HANOVER (P)<br>BRINK JABRIA NL (TF)<br>AMSTERDAM ZOO (P)<br>NL-NEGARA ZOO (D) | (WB)<br>(P)<br>(TF)<br>(P)<br>(D) | [0 GEN]<br>(importer)<br>(shipper)<br>Farou II<br>(dt of dpt) Farou<br>(9.5 ys on arrival at AMS)<br>PNEUMONIA with<br>nodular abscesses<br>in lungs/GANGRENE | AMS 08             |                           |                  | 0.000 | 0.0.0          |
|           |   |      |      |                                                          |                                                                                                            |                                   |                                                                                                                                                               |                    | none<br>none              | 30/11/79         |       |                |
| 0205      | F | 0151 | 0076 | 27/08/71<br>10/02/72<br>27/11/73                         | LOS ANGELES ZOO (B)<br>SAN DIEGO WAP (D)<br>SAN DIEGO ZOO (TF)                                             | (B)<br>(D)<br>(TF)                | [1st GEN] Kifaru<br>Kifaru<br>Kifaru<br><br>vesicular<br>DERMATITIS of<br>undetermined cause                                                                  | LAX 04             | 06486<br>011810<br>011810 |                  | 0.000 | 0.0.0          |
|           |   |      |      |                                                          |                                                                                                            |                                   |                                                                                                                                                               |                    |                           | 05/02/74         |       |                |
| 0207      | F | WILD | WILD | 12/07/68<br>01/10/72<br>12/07/73                         | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)<br>CINCINNATI ZOO (P)                                          | (WB)<br>(P)<br>(P)                | [0 GEN]<br>(dt of cpt)<br>Baruti<br>(5.0 ys on arrival)<br>Aspergillus sp..<br>PNEUMONIA-chronic<br>oral/dermal ULCERS-<br>Lupus-like auto-<br>immune disease | CVG 08             |                           |                  | 0.000 | 1.3.1          |
|           |   |      |      |                                                          |                                                                                                            |                                   |                                                                                                                                                               |                    | M14007                    | 28/06/89         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                             | TERMS                      | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                             | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID   | DATE OF<br>DEATH | FCDEF | OFF-<br>SPRING |
|--------|----|-------|------|----------------------------------------------|------------------------------------------------------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------|-------------------|------------------------|------------------|-------|----------------|
| 0206   | M  | 0054  | 0055 | 10/05/75<br>20/07/76                         | OKLAHOMA CITY<br>CLEVELAND METRO                                       | (B)<br>(P)                 | [2nd GEN] Zulu<br>Zulu<br>severe<br>HAEMOGLOBINURIA/<br>acute<br>HAEMOLYTIC CRISIS<br>susp. auto-immune<br>response | OKC 03            | 449305<br>760704       | 30/07/77         | 0.000 | 0.0.0          |
| 0209   | M  | 0151  | 0076 | 23/06/75<br>12/12/76<br>05/04/77<br>06/04/77 | LGS ANGELES ZOO<br>IAE GRD PRAIRIE<br>YOSHIKAWA KOBE<br>OSAKA TENNOJI  | (B)<br>(P)<br>(P)<br>(D)   | [1st GEN] Saion<br>Saion<br>Saion<br>07-SAIYOU<br>HAEMOLYTIC ANAEMIA                                                | LAX 05            | 08172<br>(none)<br>395 | 14/07/84         | 0.000 | 1.0.0          |
| 0210   | F  | 0018  | 0017 | 27/11/75<br>15/07/77                         | LON-REGENT'S PK<br>CHESTER ZOO                                         | (B)<br>(P)                 | [1st GEN] Noelle<br>Noelle<br>WHITE MUSCLE DISEASE-<br>vitamin E-deficiency                                         | LON 11            | A3038<br>none          | 19/05/78         | 0.000 | 0.0.0          |
| 0211   | re | minor |      |                                              |                                                                        |                            |                                                                                                                     |                   |                        |                  |       |                |
| 0212   | F  | 0052  | 0053 | 09/09/75<br>30/10/74                         | DETROIT ZOO<br>ST LOUIS ZOO                                            | (B)<br>(L)                 | [1st GEN] Betsy<br>Betsy                                                                                            | DTT 10            | 313<br>084437          |                  | 0.000 | 1.2.0          |
| 0213   | F  | WILD  | WILD | 16/01/71<br>26/02/74<br>15/04/74<br>16/04/74 | KNY EAST AFRICA<br>MT KNY GAME RCH<br>IAE FERDALE<br>SAN FRANCISCO     | (WB)<br>(P)<br>(P)<br>(P)  | [0 GEN] (Marsabit Peg)<br>(Stanton Hugh) (exporter)<br>(importer)<br>Elly<br>(3.3 yrs on arrival)                   | SFO 04            | 17415                  |                  | 0.000 | 6.5.0          |
| 0214   | F  | WILD  | WILD | 09/12/71<br>28/05/73<br>09/05/73             | KNY EAST AFRICA<br>IAE FERDALE<br>SAN ANTONIO ZOO                      | (WB)<br>(P)<br>(P)         | [C GEN]<br>(importer)<br>Kifa<br>(1.6 yrs on arrival)<br>susp.<br>HAEMOLYTIC ANAEMIA                                | STA 02            | 730825                 | 11/05/76         | 0.000 | 1.0.0          |
| 0215   | M  | WILD  | WILD | 25/12/65<br>31/12/65<br>25/01/68<br>05/09/73 | KNY EAST AFRICA<br>MAIR ORPHANAGE<br>CLEETHORPES ZOO<br>DUBLIN PHOENIX | (WB)<br>(TF)<br>(P)<br>(P) | [0 GEN]<br>(in for HR)<br>no name<br>Johnny<br>(2.1 yrs on arrival at CTH)<br>CIRRHOSIS<br>of the liver             | CTH 01            | none<br>73M020         | 13/10/76         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|---------------|-------|----------------|
| 0216   | M | WILD | WILD | 02/07/70<br>02/07/74<br>20/04/76                         | KNY EAST AFRICA<br>DVUR KRALOVE<br>ZLIN LESNA ZOO                                 | (WB)<br>(P)<br>(P)                | [0 GEN]<br>Addo<br>Addo<br>(4.0 ys on arrival at DVU)<br>exudative<br>BRONCHO-PNEUMONIA                                                                                            | DVU 12         |                                  |               | 0.000 | 0.0.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | 058013<br>none                   | 31/01/78      |       |                |
| 0217   | F | WILD | WILD | 26/06/72<br>26/06/74<br>22/04/83<br>23/04/83             | KNY EAST AFRICA<br>DVUR KRALOVE<br>BRINK SOEST NL<br>ZURICH ZOO                   | (WB)<br>(P)<br>(TF)<br>(P)        | [0 GEN] (Isiolo Reg)<br>Sabi<br>(shipper)<br>Sabi<br>(2.0 ys on arrival at DVU)                                                                                                    | DVU 11         |                                  |               | 0.000 | 2.1.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | 058011<br>830017                 |               |       |                |
| 0218   | F | WILD | WILD | 02/07/70<br>02/07/74<br>20/04/76<br>14/07/79             | KNY EAST AFRICA<br>DVUR KRALOVE<br>ZLIN LESNA ZOO<br>DVUR KRALOVE                 | (WB)<br>(P)<br>(P)<br>(P)         | [0 GEN]<br>Satara<br>Satara<br>Satara<br>(4.0 ys on arrival at DVU)<br>ANAEMIA><br>ANAESTHETIC                                                                                     | DVU 13         |                                  |               | 0.000 | 0.0.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | 056012<br>none<br>056012         | 24/04/81      |       |                |
| 0219   | M | WILD | WILD | 01/01/74<br>28/11/74<br>01/12/74<br>19/10/75             | KNY EAST AFRICA<br>DEMNER NAIROBI<br>DEL GARDIA ZOOPC<br>BERLIN ZOO               | (WB)<br>(P)<br>(TF)<br>(P)        | [0 GEN] (Tana Rv Reg)<br>(Langata Pk) no name<br>(Demner) no name<br>Mbololo<br>(11 ms on arrival at DEM)<br>RENAL -/CARDIAL<br>INSUFFICIENCY                                      | DEM 02         |                                  |               | 0.000 | 1.4.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | none<br>none<br>750015           | 15/01/88      |       |                |
| 0220   | F | WILD | WILD | 01/01/74<br>28/11/74<br>01/12/74<br>19/10/75             | KNY EAST AFRICA<br>DEMNER NAIROBI<br>DEL GARDIA ZOOPC<br>BERLIN ZOO               | (WB)<br>(P)<br>(TF)<br>(P)        | [0 GEN] (Tana Rv Reg)<br>(Langata Pk) no name<br>(Demner) no name<br>Kilaguni<br>(11 ms on arrival at DEM)                                                                         | DEM 03         |                                  |               | 0.000 | 0.5.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | none<br>none<br>750016           |               |       |                |
| 0221   | F | WILD | WILD | 01/11/72<br>05/05/74<br>01/12/74<br>06/05/75<br>28/10/76 | KNY EAST AFRICA<br>DEMNER NAIROBI<br>DEL GARDIA ZOOPC<br>BERLIN ZOO<br>BERLIN ZOO | (WB)<br>(P)<br>(TF)<br>(L)<br>(P) | [0 GEN] (Tana Rv Reg)<br>(Langata Pk) Isiolo<br>(Demner) Isiolo<br>KITANI<br>Kitani<br>(2.1 ys on arrival at DEM)<br>fell: RUPTURE<br>of abdominal<br>HAEMATOMA><br>EXSANGUINATION | DEM 04         |                                  |               | 0.000 | 0.1.0          |
|        |   |      |      |                                                          |                                                                                   |                                   |                                                                                                                                                                                    |                | none<br>none<br>750013<br>750013 | 04/02/83      |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | B       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS                              | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH | BREEDER NAME/LOCAL ID | DATE OF DEATH | FCDEF | OFF-SPRING |
|--------|---|------|-----------------------|----------------------------|------------------------------------|----------------------------------------------|-----------------------|---------------|-------|------------|
| 0222   | M | WILD | WILD                  | 05/11/69                   | KNY EAST AFRICA (WB)               | [0 GEN]                                      | DEM 05                |               | 0.000 | 0.0.0      |
|        |   |      | 05/05/74              | DEMWER NAIROBI (P)         | (Langata Pk) Embu                  |                                              | none                  |               |       |            |
|        |   |      | 01/12/74              | DEL GARDA ZOOPC (TF)       | (Demmer) Embu                      |                                              | none                  |               |       |            |
|        |   |      | 06/05/75              | BEPLIN ZOO (L)             | KIBO                               |                                              | 750014                |               |       |            |
|        |   |      | 26/10/75              | DEL GARDA ZOOPC (R)        | Embu                               |                                              | none                  |               |       |            |
|        |   |      | 28/10/75              | KANO STATE ZOO (TF)        | (dt of arrival)                    |                                              |                       |               |       |            |
|        |   |      | 29/10/75              | JOS WILDLF PARK (P)        | (W Afr) KIBO                       |                                              | none                  |               |       |            |
|        |   |      |                       |                            | (4.6 ys on arrival at DEM)         |                                              |                       |               |       |            |
|        |   |      |                       |                            | (report Rookmaker 11.1999: death)  |                                              |                       |               |       |            |
|        |   |      |                       |                            | UNK MEANS -                        |                                              |                       | 30/11/99      |       |            |
|        |   |      |                       |                            | no INFO available                  |                                              |                       |               |       |            |
|        |   |      |                       |                            | <DT EST>                           |                                              |                       |               |       |            |
| 0223   | M | 0085 | 0087                  | 01/10/72                   | MYSORE SCZG (B)                    | [1st GEN] Venu                               | MYS 04 720001         |               | 0.000 | 1.3.0      |
|        |   |      |                       |                            |                                    | PULMONARY TB                                 |                       | 29/05/94      |       |            |
| 0224   | F | 0085 | 0087                  | 29/10/75                   | MYSORE SCZG (B)                    | [1st GEN] Premu                              | MYS 05 750005         |               | 0.000 | 1.4.0      |
|        |   |      |                       |                            |                                    | (source Rookmaker: cause of death)           |                       |               |       |            |
|        |   |      |                       |                            |                                    | CARDIAC ARREST                               |                       | 22/03/00      |       |            |
| 0225   | F | WILD | WILD                  | 24/07/66                   | KNY EAST AFRICA (WB)               | [0 GEN]                                      | TAM 02                |               | 0.000 | 5.3.0      |
|        |   |      | 01/01/70              | OKAHANDJA ZOOPK (P)        | (Schulz) (dt of cpt)               |                                              | none                  |               |       |            |
|        |   |      | 24/07/71              | TAMPA BUSCH GD (P)         | Julie                              |                                              | 15318                 |               |       |            |
|        |   |      | 16/08/90              | CINCINNATI ZOO (L)         | Julie                              |                                              | 190189                |               |       |            |
|        |   |      |                       |                            | (3.0 ys on arrival at TAM)         |                                              |                       |               |       |            |
| 0226   | F | 0155 | 0225                  | 11/11/74                   | TAMPA BUSCH GD (B)                 | [1st GEN] Frances                            | TAM 03 15319          |               | 0.000 | 0.0.0      |
|        |   |      | 19/07/78              | ST-FELICIEN ZOO (P)        | Frances                            |                                              | none                  |               |       |            |
|        |   |      |                       |                            | (source Rookmaker: cause of death) |                                              |                       |               |       |            |
|        |   |      |                       |                            | PNEUMONIA                          |                                              |                       | 18/02/83      |       |            |
| 0227   | F | WILD | WILD                  | 01/02/68                   | KNY EAST AFRICA (WB)               | [0 GEN]                                      | DEM 06                |               | 0.000 | 0.0.0      |
|        |   |      | 01/03/70              | STEWART NAIROBI (TF)       | (dt of cpt)                        |                                              |                       |               |       |            |
|        |   |      | 02/03/70              | DEMWER NAIROBI (P)         | (Langata Pk) no name               |                                              | none                  |               |       |            |
|        |   |      | 01/12/74              | DEL GARDA ZOOPC (TF)       | (Demmer) no name                   |                                              | none                  |               |       |            |
|        |   |      | 01/01/77              | VESZPREM ZOO (L)           | Susie                              |                                              | none                  |               |       |            |
|        |   |      |                       |                            | (6.10 ys on arrival at DEM)        |                                              |                       |               |       |            |
|        |   |      |                       |                            | MYOCARDITIS                        |                                              |                       | 21/04/79      |       |            |
| 0228   | M | WILD | WILD                  | 11/02/68                   | KNY EAST AFRICA (WB)               | [0 GEN]                                      | MDG 01                |               | 0.000 | 0.1.0      |
|        |   |      | 07/02/75              | IAE NANYUKI KNY (P)        | (cpt by Hunt)                      |                                              |                       |               |       |            |
|        |   |      |                       |                            | continued next page                |                                              |                       |               |       |            |

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

0?GEN BIRTH TYPE UNKN 1st?GEN PARENTS UNKN

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                             | TERMS                            | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                                               | BREEDER NAME/# | ARKS/LOCAL ID           | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|---------------|-------|------------|
| 0228   |   |      |      | 11/02/75                                                 | MAIDUG KYARIMI                                                                         | (P)                              | Kaigana<br>(7.0 ys on arrival)<br>CATARACT-deep<br>multiple ULCERS<br>of the cornea-<br>BLINDNESS/<br>EUTH                                                                                                                 |                | none                    | 14/01/77      |       |            |
| 0229   | F | WILD | WILD | 11/02/69<br>07/02/75<br>11/02/75                         | KNY EAST AFRICA<br>JAE MANYUKI KNY<br>MAIDUG KYARIMI                                   | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(cpt by Hunt)<br>Amina<br>(6.0 ys on arrival)                                                                                                                                                                   | MDG 02         |                         |               | 0.000 | 0.1.0      |
| 0230   | F | 0228 | 0229 | 07/08/76                                                 | MAIDUG KYARIMI                                                                         | (B)                              | [1st GEN] Eve-HAUME<br>MDG: Status of 01.1978-<br>source Rookmarker:<br>alive 1994!<br>MDG: no response<br>to numerous<br>status inquiries                                                                                 | MDG 03         | none                    |               | 0.000 | 0.0.0      |
| 0231   | F | 0118 | 0119 | 23/04/73                                                 | BUEN AIRES ZOO                                                                         | (B)                              | [2nd GEN] Chiche<br>UNK MEANS-<br>no INFO available                                                                                                                                                                        | BUE 06         | none                    | 20/04/93      | 0.250 | 0.0.0      |
| 0232   | F | 0120 | 0121 | 20/08/74<br>02/12/75<br>04/12/75                         | ST LOUIS ZOO<br>ZEEHANDELAAR NY<br>TORONTO ZOO                                         | (B)<br>(P)<br>(P)                | [1st GEN] Ruby<br>Ruby<br>Ruby<br>HAEMORRHAGE in<br>stomach/kidneys<br>susp. from<br>INTOXICATION                                                                                                                          | STL 07         | 074413<br>6376          |               | 0.000 | 0.0.0      |
| 0233   | F | WILD | WILD | 23/11/70<br>01/01/72<br>18/11/73<br>23/11/73<br>10/11/86 | KNY EAST AFRICA<br>OKAHANDJA ZOO<br>LEOPARD LORENA<br>CHICAGO BROOKFD<br>SAN DIEGO WAP | (WB)<br>(P)<br>(P)<br>(P)<br>(L) | [0 GEN]<br>(Schulz) (dt of cpt)<br>(importer)<br>Judy<br>Judy<br>(3.0 ys on arrival at CHI)<br>(source Leopard:<br>dste of cpt)<br>granulomatous<br>Escherichia coli-<br>INFLAMMATION<br>VOLVULUS-<br>was pregnant-re 0721 | CHI 08         | none<br>22622<br>037690 |               | 0.000 | 5.0.1      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | B       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS                                                                                                                                    | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCEOF | OFF-<br>SPRING |
|--------|---|------|------|-----------------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0234   | M | WILD | WILD | 11/12/70              | KNY EAST AFRICA (WB)       | [0 GEN]                                                                                                                                  |                                                             | CHI 09            |                      |                  | 0.000 | 1.0.0          |
|        |   |      |      | 01/05/72              | <RVC>VALLEJO CA (P)        | <Six Flags Wmn Wld>                                                                                                                      |                                                             |                   | none                 |                  |       |                |
|        |   |      |      | 10/12/73              | LEOPARD LORENA (P)         |                                                                                                                                          |                                                             |                   |                      |                  |       |                |
|        |   |      |      | 11/12/73              | CHICAGO BROOKFD (P)        | Courtney<br>(3.0 ys on arrival at CHI)<br>UNK MEANS -<br>no INFO submitted                                                               |                                                             |                   | 22623                | 18/05/78         |       |                |
| 0235   | F | WILD | WILD | 11/12/70              | KNY EAST AFRICA (WB)       | [0 GEN]                                                                                                                                  |                                                             | CHI 10            |                      |                  | 0.000 | 3.3.0          |
|        |   |      |      | 01/05/72              | <PWC>VALLEJO CA (P)        | <Six Flags Wmn Wld>                                                                                                                      |                                                             |                   | none                 |                  |       |                |
|        |   |      |      | 10/12/73              | LEOPARD LORENA (P)         |                                                                                                                                          |                                                             |                   |                      |                  |       |                |
|        |   |      |      | 11/12/73              | CHICAGO BROOKFD (P)        | Eerooke<br>(3.0 ys on arrival at CHI)<br>chronic<br>HAEMOLYTIC ANAEMIA/<br>GLOMERULONEPHRITIS/<br>HAEMOSIDEROSES/<br>MYOCARDIAL FIBROSIS |                                                             |                   | 22624                | 23/09/98         |       |                |
| 0236   | F | WILD | WILD | 18/05/65              | KNY EAST AFRICA (WB)       | [1 GEN]                                                                                                                                  |                                                             | NGO 04            |                      |                  | 0.000 | 0.1.0          |
|        |   |      |      | 17/05/66              | KEIHIK YOKOHAMA (P)        | <importer>                                                                                                                               |                                                             |                   | none                 |                  |       |                |
|        |   |      |      | 18/05/66              | NAGOYA HIGASHIY (P)        | Kinan<br>(3.0 ys on arrival)<br>was attacked by<br>Male mate:<br>CHEST CONTUSIONS><br>TRAUMA/SHOCK                                       |                                                             |                   |                      | 38/01/91         |       |                |
| 0237   | F | WILD | WILD | 18/05/65              | KNY EAST AFRICA (WB)       | [0 GEN]                                                                                                                                  |                                                             | NGO 05            |                      |                  | 0.000 | 2.1.0          |
|        |   |      |      | 17/05/68              | KEIHIK YOKOHAMA (P)        | <importer>                                                                                                                               |                                                             |                   | none                 |                  |       |                |
|        |   |      |      | 18/05/68              | NAGOYA HIGASHIY (TO)       | Mell<br>(3.0 ys on arrival)<br>HAEMATURESIS/<br>small ABSCESSSES                                                                         |                                                             |                   |                      | 28/01/92         |       |                |
| 0238   | M | WILD | WILD | 28/05/68              | KNY EAST AFRICA (WB)       | [0 GEN]                                                                                                                                  |                                                             | NGO 06            |                      |                  | 0.000 | 2.2.0          |
|        |   |      |      | 26/05/72              | KEIHIK YOKOHAMA (P)        | <importer>                                                                                                                               |                                                             |                   | none                 |                  |       |                |
|        |   |      |      | 28/05/72              | NAGOYA HIGASHIY (P)        | Mongo 1<br>(4.0 ys on arrival)<br>RENAL FAILURE                                                                                          |                                                             |                   |                      | 23/05/86         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TO | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaelli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                         | TERMS                                   | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                             | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID                       | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------------------------|------------------|-------|----------------|
| 0239   | F | 0110 | 0188 | 15/10/76                                                             | SAN DIEGO WAP                                                                                                                      | (B)                                     | [2nd GEN] Manyaki<br>INJURIES<br>inflicted by<br>exhibit mate:<br>RUPTURE of liver -<br>was pregnant -<br>re subs. reg. 0748                                                                        | SDW 02            | 101929                                     | 13/08/91         | 0.000 | 3.0.0          |
| 0240   | F | WILD | WILD | 28/03/73<br>28/03/75<br>01/06/75<br>06/05/77                         | KNY EAST AFRICA (WB)<br>DEMNER NAIROBI (P)<br>DEL GARDIA ZOO (TF)<br>BERLIN ZOO (P)                                                | {WB}<br>(P)<br>(TF)<br>(P)              | [0 GEN] (Tana Rv Reg)<br>(Langata Pk) no name<br>(Demner) no name<br>Mzima<br>(2.3 ys on arrival at DEN)<br>(source Rookmarker:<br>origin)                                                          | DEN 07            | none<br>none<br>770025                     |                  | 0.000 | 3.3.0          |
| 0241   | M | WILD | WILD | 22/09/69<br>28/02/74<br>28/04/75<br>22/09/75<br>07/08/76<br>17/08/76 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>IAE GRD PRAIRIE (P)<br>POWELL COLUMBUS (L)<br>IAE GRD PRAIRIE (R)<br>ZURICH ZOO (P) | {WB}<br>(P)<br>(P)<br>(L)<br>(R)<br>(P) | [0 GEN]<br>(Stanton Hugh)<br>no name<br>Oscar<br>no name<br>ZRH 05-CHUNGU<br>(5.0 ys on arrival at POW)<br>HAEMOBIDROSIS of<br>the liver/spleen/<br>small intestine/<br>susp. HAEMOLYTIC<br>ANAEMIA | POW 03            | none<br>(none)<br>none<br>(none)<br>760020 |                  | 0.000 | 1.0.0          |
| 0242   | F | 0036 | 0037 | 14/12/75<br>02/11/76<br>02/05/78<br>07/06/78<br>09/01/91             | NAPLES ZOO<br>FASANO ZOOSAF (P)<br>BRINK SOEST NL (TF)<br>SAO LEOPOLDO PK (P)<br>BROOKER GW TRG (TB)                               | (B)<br>(P)<br>(TF)<br>(P)<br>(TB)       | [1st GEN] NAP 05-Ciccia<br>Ciccia<br>(shipper)<br>Ciccia<br>(Glen Afr Fm) BAXHIMA                                                                                                                   | NAP 09            | none<br>none<br>none<br>none               |                  | 0.000 | 0.0.0          |
| 0243   | M | 0155 | 0225 | 31/10/76<br>19/07/78                                                 | TAMPA BUSCH GD (B)<br>ST-FELICIEEN ZOO (P)                                                                                         | (B)<br>(P)                              | [1st GEN] Macho<br>Macho<br>(source Rookmarker:<br>cause of death)<br>PNEUMONIA                                                                                                                     | TAM 04            | 17329<br>none                              |                  | 0.000 | 0.0.0          |
| 0244   | F | 0170 | 0174 | 02/10/77                                                             | DVUR KRALOVE                                                                                                                       | (B)                                     | [1st GEN] Elvira<br>general<br>POOR HEALTH:<br>had aborted 0763/<br>PNEUMONIA<br>HAEMOLYTIC ANAEMIA                                                                                                 | DVU 14            | 058014                                     | 25/02/98         | 0.000 | 1.2.1          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UN | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                               | TERMS                                              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                        | BREEDER<br>NAME/S | ARKS/<br>LOCAL<br>ID      | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------|------------------|-------|----------------|
| 0245   | M | 0142 | 0194 | 11/05/77<br>17/01/80<br>10/10/81                                                 | PORT LYMPNE<br>LOW-REGENT'S PK<br>PORT LYMPNE                                                                            | (B)<br>(L)<br>(R)                                  | [3rd GEN] Basha<br>RP 9001-Basha<br>Basha<br>prolonged<br>DIARRHOEA<br>of unk cause/<br>progressive<br>WEIGHT LOSS/<br>EUTH                                    | PTL 01            | P77001<br>A1074<br>P77001 | 07/03/93         | 0.000 | 1.0.0          |
| 0246   | F | 0151 | 0163 | 25/08/77                                                                         | DENVER ZOO                                                                                                               | (B)                                                | [2nd GEN] Nancy<br>accidental<br>DROWNING                                                                                                                      | DEN 07            | 02723                     | 07/02/78         | 0.000 | 0.0.0          |
| 0247   | M | WILD | WILD | 19/10/70<br>20/11/70<br>21/11/70<br>02/12/70<br>02/12/70<br>07/06/72<br>19/07/72 | KNY EAST AFRICA<br>CARR-HARTL NAIR<br>DENNER NAIROBI<br>RUHE HANOVER<br>HANOVER ZOO<br>ZEEHANDELAAR NY<br>CINCINNATI ZOO | (WB)<br>(TF)<br>(TF)<br>(P)<br>(TF)<br>(P)<br>(TD) | [0 GEN]<br>(dt of cdt)<br>(Langata Pk) DEM 01<br>(importer)<br>(in for HR)<br>Ralph-EMBU<br>(1.8 ys on arrival at ZHDL)<br>(source Ruhe:<br>age/transfer data) | CVG 07-2          | none<br>none<br>none      |                  | 0.000 | 7.1.0          |
| 0248   | F | 0085 | 0087 | 14/03/79                                                                         | WYSORE SCZG                                                                                                              | (B)                                                | [1st GEN] Gowri<br>(stud number formerly deleted)<br>(subsequent registration)<br>(source Rockmarker:<br>all data)<br>TB                                       | WYS 05-2          | 730001                    | 11/03/82         | 0.000 | 0.0.0          |
| 0249   | F | WILD | WILD | 05/09/88<br>03/07/76<br>05/08/76<br>05/09/76<br>04/05/83                         | KNY EAST AFRICA<br>DENNER NAIROBI<br>WALVIS BAY MNG<br>PRETORIA ZOO<br>S AFR ADDO NP                                     | (WB)<br>(P)<br>(TF)<br>(P)<br>(TD)                 | [0 GEN]<br>(exporter)<br>(quarantine)<br>Eva<br>Eva<br>(8.0 ys on arrival at PRY)<br>reintroduction<br>to WILD-<br>removed from STB                            | PRY 06            | 304467<br>none            | 31/12/83         | 0.000 | 0.0.0          |
| 0250   | M | 0074 | 0213 | 02/11/77<br>17/08/79                                                             | SAN FRANCISCO<br>DEHIWALA ZOO                                                                                            | (B)<br>(P)                                         | [1st GEN] Livesey<br>Livesey<br>UNK MEANS -<br>no AUTOPSY<br><DT EST>                                                                                          | SFO 06            | 17738<br>none             | 28/03/95         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                | TERMS                            | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                             | BREEDER NAME/<br>LOCAL ID                  | DATE OF DEATH                  | FCOE  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------|-------|------------|
| 0251   | M | WILD | WILD | 12/03/75<br>20/04/75<br>22/05/76<br>12/09/76             | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (TF)<br>IAE GRD PRAIRIE (P)<br>ST LOUIS ZOO (P)                   | (B)<br>(F)<br>(P)<br>(P)         | [0 GEN]<br>(Stanton Hugh) Sugaroi<br>Sugaroi (Sugar)<br>TOTO<br>(HR by Stanton)<br>(1.6 ys on arrival at STL)                                                       | STL 08<br><br>none<br>(none)<br>075444     |                                | 0.000 | 1.3.0      |
| 0252   | M | 0120 | 0121 | 04/12/76<br>25/06/78<br>25/06/78<br>27/06/78<br>28/07/87 | ST LOUIS ZOO (B)<br>ZEEHANDELAAR NY (P)<br>RUHE BRUNKENSEN (P)<br>FRANKFURT/M ZOO (P)<br>ZURICH ZOO (L)   | (B)<br>(P)<br>(P)<br>(P)<br>(L)  | [1st GEN] no name<br>no name<br>no name<br>Kifaru<br>Kifaru II<br>severe COLIC from INGESTION of sand                                                               | STL 09<br><br>none<br>395<br>670024        | 076455<br><br><br><br>05/03/98 | 0.000 | 3.3.0      |
| 0253   | M | WILD | WILD | 06/07/64<br>01/07/68<br>06/07/68<br>23/04/95             | KNY EAST AFRICA (WB)<br>BROOKER GW TRD (P)<br>KL-NEGARA ZOO (P)<br>BROOKER GW TRD (TF)                    | (WB)<br>(P)<br>(P)<br>(TF)       | [0 GEN]<br>(broker)<br>Farouk<br>(shipper)<br>(4.0 ys on arrival at KLN)<br>KLN 11.1998:<br>transfer out for<br>reintroduction<br>to WILD-became<br>aggressive/EUTH | KLN 01<br><br>none<br><br><br>23/06/95     |                                | 0.000 | 0.0.0      |
| 0254   | M | WILD | WILD | 09/07/68<br>01/01/70<br>09/07/73<br>09/11/76             | KNY EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)<br>BOSTON FRANKLIN (P)<br>BUFFALO ZOO (L)                       | (WB)<br>(P)<br>(P)<br>(L)        | [0 GEN]<br>(Schulz) (dt of cpt)<br>Radi-PETER<br>Radi<br>(5.0 ys on arrival at BOS)<br>ANESTHESIA for<br>crating<br>CARDIAC ARREST<br>(failed to recover)           | BOS 01<br><br>none<br>100<br>556A          |                                | 0.000 | 3.1.0      |
| 0255   | F | WILD | WILD | 09/07/89<br>01/01/70<br>09/07/73<br>09/11/76<br>21/01/83 | KNY EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)<br>BOSTON FRANKLIN (P)<br>BUFFALO ZOO (L)<br>MIAMI METROZOO (L) | (WB)<br>(P)<br>(P)<br>(L)<br>(L) | [0 GEN]<br>(Schulz) (dt of cpt)<br>Maridadi-BABY<br>Baby<br>LULU<br>(4.0 ys on arrival at BOS)<br>INFECTION of<br>RESPIRATORY TRACT                                 | BOS 02<br><br>none<br>101<br>552<br>M00052 |                                | 0.000 | 4.4.0      |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                          | TERMS                     | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                | BREEDER ARKS/ NAME/ LOCAL ID          | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------|-------|------------|
| 0256   | F | WILD | WILD | 09/07/56<br>01/01/70<br>09/07/73<br>09/11/78 | KNY EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)<br>BOSTON FRANKLIN (P)<br>BUFFALO ZOO (L) | (WB)<br>(P)<br>(P)<br>(L) | [0 GEN]<br><Schulz> (d of cpt)<br>Supati-SALLY<br>Sally<br><7.0 ys on arrival at BOS><br>UNK MEANS-<br>no INFO available                      | BOS 03<br>none<br>102<br>587          |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                                     |                           |                                                                                                                                               |                                       | 05/04/78      |       |            |
| 0257   | M | 0254 | 0255 | 09/12/77<br>28/11/79                         | BUFFALO ZOO<br>TULSA ZOO                                                            | (B)<br>(L)                | [1st GEN] Henry-ARTHUR<br>Arthur<br><Sired at BOS><br>CARDIAC ARREST><br>ANAESTHETIC                                                          | BUF 01 881<br>3700                    |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                                     |                           |                                                                                                                                               |                                       | 18/01/80      |       |            |
| 0258   | M | 0054 | 0055 | 16/10/77<br>12/08/79<br>28/08/79<br>05/10/79 | OKLAHOMA CITY<br>ZEEHANDELAAR NY (P)<br>RUHE BRUNKENSEN (P)<br>HABANA PZN CUBA (P)  | (B)<br>(P)<br>(P)<br>(P)  | [2nd GEN] Little Foose<br>Little Foose<br>Little Foose<br><br><source Brack 04.2000:<br>death><br>UNK MEANS-<br>no INFO available<br><DT EST> | OKC 04 493006<br>none<br>none<br>none |               | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                                     |                           |                                                                                                                                               |                                       | 31/12/85      |       |            |
| 0259   | M | 0182 | 0181 | 10/04/77<br>01/11/83<br>10/11/83             | HIR ASA ZOOL PK (B)<br>ARITAKE TOKYO (P)<br>MIAMI METROZOO (P)                      | (B)<br>(P)<br>(P)         | [1st GEN] Toshi<br>Toshi<br>Toshi                                                                                                             | HIR 04 none<br>M00208                 |               | 0.000 | 4.3.0      |
| 0260   | M | 0099 | 0101 | 20/05/75<br>18/07/88<br>10/12/92             | MOSMAN TARONGA (B)<br>BERLIN ZOO (TD)<br>DVUR KRALOVE (L)                           | (B)<br>(TD)<br>(L)        | [2nd GEN] Cody<br>Cody<br>Cody<br><br>necrotic<br>ENTERITIS/<br>chronic<br>PNEUMONIA/<br>NEPHROSIS><br>terminal COLLAPSE                      | SYD 22 750017<br>880031<br>058029     |               | 0.250 | 2.1.1      |
|        |   |      |      |                                              |                                                                                     |                           |                                                                                                                                               |                                       | 19/05/93      |       |            |
| 0261   | M | WILD | WILD | 24/02/70<br>24/02/75                         | KNY EAST AFRICA (WB)<br>DELHI NAT ZOOPK (P)                                         | (WB)<br>(P)               | [3 GEN]<br>no name<br><5.0 ys on arrival><br>UNK MEANS-<br>no INFO available                                                                  | NOL 01<br><NOL01>                     |               | 0.000 | 1.1.1      |
|        |   |      |      |                                              |                                                                                     |                           |                                                                                                                                               |                                       | 02/02/93      |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | SEX | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                              | TERMS | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                 | BREEDER ARKS/NAME/LOCAL ID                                  | DATE OF DEATH    | FCOE  | OFF-SPRING |
|--------|-----|------|------|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|-------|------------|
| 0262   | F   | WILD | WILD | 24/02/72<br>24/02/75                                                 | KNY EAST AFRICA (WB)<br>DELHI NAT ZOO (P)                                                                                               |       | {0 GEN}<br>no name<br>(3.0 ys on arrival)<br>UNK MEANS<br>no INFO available<br><DT EST>                                      | NDL 02<br><br>(NDL52)                                       | <br><br>31/12/94 | 0.000 | 1.1.1      |
| 0263   | F   | WILD | WILD | 28/11/55<br>20/10/57<br>28/11/57                                     | KNY EAST AFRICA (WB)<br>DENNER NAIROBI (P)<br>BEIJING ZOO GD (P)                                                                        |       | {0 GEN}<br>(exporter)<br>Feia<br>(2.0 ys on arrival)<br>UNK MEANS -<br>no AUTOPSY                                            | PKG 01<br><br>none                                          | <br><br>18/03/94 | 0.000 | 1.2.0      |
| 0264   | F   | 0276 | 0263 | 28/01/65<br>17/09/82                                                 | BEIJING ZOO GD (B)<br>SHIJIAZHANG Z (P)                                                                                                 |       | {1st GEN} No2<br><br>UNK MEANS -<br>no AUTOPSY                                                                               | PKG 03 none<br>none                                         | <br>09/02/86     | 0.000 | 0.0.0      |
| 0265   | F   | 0276 | 0263 | 04/09/70                                                             | BEIJING ZOO GD (B)                                                                                                                      |       | {1st GEN} No3<br>UNK MEANS -<br>no AUTOPSY                                                                                   | PKG 05 (70-2)                                               | 08/11/91         | 0.000 | 0.0.0      |
| 0266   | M   | 0046 | 0139 | 04/01/78<br>17/04/84<br>26/04/84                                     | WASHINGTON ZOO (B)<br>IAE GRD PRAIRIE (P)<br>SEOUL GRD PARK (P)                                                                         |       | {2nd GEN} Nepo<br>Nepo<br>Nepo<br>(source Bookmaker:<br>date/cause of death)<br>PNEUMONIA                                    | WAS 09 102178<br>(13983)<br>none                            | <br><br>31/12/84 | 0.250 | 0.0.0      |
| 0267   | F   | 0056 | 0207 | 18/09/76<br>18/12/78<br>20/12/78<br>01/05/79<br>27/10/79<br>15/08/81 | CINCINNATI ZOO (B)<br>IAE GRD PRAIRIE (TD)<br>POWELL COLUMBUS (L)<br>IAE GRD PRAIRIE (R)<br>LOS ANGELES ZOO (L)<br>LOS ANGELES ZOO (TD) |       | {1st GEN} no name<br>no name<br>no name<br>no name<br>Sweet Pea<br>Sweet Pea<br>extensive<br>PNEUMONIA -<br>final PM pending | CVG 09 M14008<br>(2867)<br>none<br>(2867)<br>09851<br>09551 | <br><br>13/01/80 | 0.000 | 0.1.0      |
| 0268   | M   | 0247 | 0180 | 03/11/77<br>13/11/78<br>15/11/78<br>17/11/78                         | CINCINNATI ZOO (B)<br>ZEHEANDELAAR NY (TF)<br>RUME BRUNKENSEN (TF)<br>DVUR KRALOVE (P)                                                  |       | {2nd GEN} Bubba<br>(shipper)<br>(shipper)<br>ISIS                                                                            | CVG 10 M14010<br><br>058016                                 |                  | 0.000 | 4.4.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                                     | TERMS                                   | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                             | BREEDER NAME/<br>LOCAL ID     | DATE OF DEATH | COEF  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|-------|------------|
| 0263   | M | 0018 | 0017 | 20/09/78<br>03/12/80                                                 | LON-REGENT'S PK (B)<br>MARWELL WINCHES (L)                                                                                     | (B)<br>(L)                              | [1st GEN] Kes<br>MI-Kes<br>suppurative<br>Klebsiella-<br>BRONCHOPNEUMONIA                                                                                                                           | LON 12<br>A3039<br>900003     | 28/02/86      | 0.000 | 0.0.0      |
| 0270   | F | 0036 | 0037 | 25/07/78<br>10/06/82                                                 | NAPLES ZOO (B)<br>FRANKFURT/W ZOO (P)                                                                                          | (B)<br>(P)                              | [1st GEN] NAP 06-Loredana<br>Loredana<br>CIRCULATORY<br>COLLAPSE<br>ANAESTHETIC                                                                                                                     | NAP 10<br>none<br>397         | 87/12/86      | 0.000 | 1.0.0      |
| 0271   | M | 0241 | 0150 | 19/09/73<br>05/06/89                                                 | ZUPICH ZOO (B)<br>CHICAGO BROOKFD (P)                                                                                          | (B)<br>(P)                              | [2nd GEN] Embu<br>Embu<br>susp. chronic<br>KIDNEY DAMAGE<br>HAEMOLYTIC ANAEMIA                                                                                                                      | ZRH 06<br>780025<br>24401     | 18/05/93      | 0.000 | 2.3.0      |
| 0272   | M | 0201 | 0202 | 07/12/78<br>26/11/79<br>26/11/79<br>28/11/79                         | MIAMI METROZOO (B)<br>ZEEHANDELAAR NY (TF)<br>RUHE BRUNKENSEN (P)<br>BUEN AIRES ZOO (P)                                        | (B)<br>(TF)<br>(P)<br>(P)               | [1st GEN] Amani<br>(shipper)<br>Amani<br>Amani<br>(11 yrs on arrival at Brunkensen)<br>susp.<br>shipping STRESS<br>after-effect                                                                     | MIA 03<br>202<br>none<br>none | 20/02/80      | 0.000 | 0.0.0      |
| 0273   | F | WILD | WILD | 19/04/71<br>28/02/74<br>16/04/74<br>17/04/74<br>10/11/73<br>11/11/78 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>IAE FERDALE (P)<br>ASHES NCAROLINA (P)<br>LEOPARD LORENA (P)<br>BUFFALO ZOO (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(Stanton Hugh) (exporter)<br>(importer)<br>Bertha<br>Bertha<br>Bertha<br>(3.0 yrs on arrival at NCL)<br>INJURY of<br>URINARY TRACT<br>during mating<br>extensive<br>internal HAEMORRHAGE | NCL 01<br>1359<br>780         | 20/09/80      | 0.000 | 0.0.0      |
| 0274   | M | WILD | WILD | 18/04/72<br>28/02/74<br>16/04/74                                     | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>IAE FERDALE (P)                                                                 | (WB)<br>(P)<br>(P)                      | [0 GEN]<br>(Stanton Hugh) (exporter)<br>(importer)<br>continued next page                                                                                                                           | NCL 02                        |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                         | TERMS       | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                   | BREEDER ARKS/NAME/# LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|--------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0274   |   |      |      | 17/04/74                         | ASHEB NCAROLINA                                                    | (P)         | no name<br>(2.0 ys on arrival)<br>SALMONELLOSIS/<br>general<br>POOR HEALTH/<br>EUTH                                                            | 1359                         | 30/04/74      |       |            |
| 0275   | M | WILD | WILD | 24/04/73<br>16/10/74<br>24/10/74 | KNY EAST AFRICA (WB)<br>IAE FERNDAL (P)<br>ASHEB NCAROLINA (P)     |             | {0 GEN}<br>(importer)<br>Bruno<br>(1.6 ys on arrival)<br>self-induced<br>HYPOTHERMIA<br>(layed down<br>in wet moat-<br>appeared<br>to give up) | NCL 03<br><br>1350           |               | 0.000 | 0.0.0      |
| 0276   | M | WILD | WILD | 20/11/55<br>20/10/57<br>28/11/57 | KNY EAST AFRICA (WB)<br>DENWER MAIPOBI (P)<br>BEIJING ZOOL GD (TD) |             | {0 GEN}<br>(exporter)<br>Afei<br>(2.0 ys on arrival)<br>mortal INJURIES<br>inflicted by<br>exhibit mate                                        | PKG 02<br><br>none           |               | 0.000 | 1.2.0      |
| 0277   | M | 0009 | 0153 | 23/01/79<br>04/10/92             | MAGDEBURG ZOO<br>DYUR KRALOVE                                      | (S)<br>(TD) | [1st GEN] Mabu<br>Mabu<br>chronic ANAEMIA/<br>terminal<br>bacterial PNEUMONIA                                                                  | MAG 03<br>560003<br>058030   |               | 0.000 | 0.3.0      |
| 0278   | F | 0018 | 0019 | 10/09/79<br>09/06/81             | LON-WHIPSNADE (B)<br>MARWELL WINCHES (L)                           |             | [1st GEN] Katie<br>Fi-Katie<br>terminal congestive<br>HEART FAILURE<br>poss. related to<br>the tympanic reaction<br>in the large bowel         | WHI 08<br>none<br>510003     |               | 0.000 | 0.0.0      |
| 0279   | F | 0181 | 0163 | 03/11/79                         | DENVER ZOO                                                         | (B)         | [2nd GEN] Shakti<br>ENCEPHALOMALACIA,<br>susp. intoxication<br>from moldy feed-<br>vitamin deficiency                                          | DEN 08<br>04305              | 28/12/79      | 0.000 | 0.0.0      |

0280 not assigned

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S        | SIRE      | DAM        | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                    | TERMS                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                              | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID             | DATE OF<br>DEATH | FCDEF | OFF-<br>SPRING |
|--------|----------|-----------|------------|----------------------------------------------|-------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------|----------------|----------------------------------|------------------|-------|----------------|
| 0291   | M        | 0074      | 0213       | 08/12/79<br>19/02/81<br>19/02/81<br>04/05/81 | SAN FRANCISCO<br>ZEEHANDELAAR NY<br>SAN DIEGO ZOO<br>DETROIT ZOO              | (B)<br>(P)<br>(TF)<br>(P) | [1st GEN] Stonebreaker<br>Stonebreaker<br>(stationed at SDZ)<br>HERCULES<br>TORSION of CECUM         | SFO 07         | 17966<br>none<br>505             | 17/12/87         | 0.000 | 0.1.0          |
| 0282   | F        | 0170      | 0217       | 05/07/78                                     | DVUR KRALOVE                                                                  | (B)                       | [1st GEN] Sali                                                                                       | DVU 15         | 058015                           |                  | 0.000 | 2.4.0          |
| 0293   | M        | 0172      | 0175       | 18/03/79                                     | DVUR KRALOVE                                                                  | (B)                       | [1st GEN] Jiri                                                                                       | DVU 16         | 058017                           |                  | 0.000 | 1.5.0          |
| 0284   | F        | 0122      | 0181       | 12/09/79<br>09/04/87<br>13/04/87             | HIP ASA ZOOL PK<br>IAE TOKYO JAP<br>TAIPEI ZOO                                | (B)<br>(P)<br>(P)         | [1st GEN] Nani<br>Nani<br>SHI NI                                                                     | HIP 05         | none<br>1893                     |                  | 0.000 | 1.1.0          |
| 0285   | M        | 0199      | 0126       | 07/11/78<br>27/05/79<br>27/10/79<br>15/06/81 | MEMPHIS ZOO<br>IAE GRD PRAIRIE<br>LOS ANGELES ZOO (L)<br>LOS ANGELES ZOO (TD) | (B)<br>(P)<br>(L)<br>(TD) | [2nd GEN] Buck<br>Buck<br>BUSTER<br>Buster                                                           | MEM 03         | 1886<br>(3040)<br>09850<br>09850 |                  | 0.000 | 1.1.0          |
| 0286   | re minor |           |            |                                              |                                                                               |                           |                                                                                                      |                |                                  |                  |       |                |
| 0287   | F        | 0238      | 0236       | 07/06/79<br>16/08/82                         | NAGOYA HIGASHIY<br>CHENGDU ZOO                                                | (B)<br>(P)                | [1st GEN] Mack<br>Mack<br>(source NGO: date/<br>cause of death)<br>shipping STRESS<br>after-effect   | NGO 08         | none<br>none                     | 20/08/82         | 0.000 | 0.0.0          |
| 0288   | M        | 0239      | 0237       | 13/02/80<br>15/08/82                         | NAGOYA HIGASHIY<br>CHENGDU ZOO                                                | (B)<br>(P)                | [1st GEN] Botti<br>Botti<br>(source NGO: date/<br>cause of death)<br>shipping STRESS<br>after-effect | NGO 09         | none<br>none                     | 21/08/82         | 0.000 | 0.0.0          |
| 0289   | M        | 0203      | 0165       | 03/02/80                                     | ROME BIOPARCO                                                                 | (B)                       | [2nd GEN] RINO<br>(Gennarino-Gennaro)<br>NEPHRITIS                                                   | ROM 01         | none                             | 05/08/84         | 0.000 | 0.0.0          |
| 0290   | F        | 0071      | 0072       | 08/11/70                                     | COLSPR CHEYENNE                                                               | (B)                       | [1st GEN] no name<br>PNEUMONIA                                                                       | CHN 05         | 100477                           | 10/11/70         | 0.000 | 0.0.0          |
| 0291   | DELETED  | identical | with 0059! |                                              |                                                                               |                           |                                                                                                      |                |                                  |                  |       |                |
| 0292   | M        | 0073      | 0293       | 11/12/79<br>06/03/81                         | GRANBY ZOO<br>WICKEN CO CAN                                                   | (B)<br>(P)                | [1st GEN] Cornelius<br>Cornelius<br>continued next page                                              | GRB 05         | 790039<br>790039                 |                  | 0.000 | 0.0.1          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD<br># | S | SIRE | DAM  | DATE OF<br>BIRTH/<br>ARRIVAL | LOCATION OF<br>BIRTH/<br>TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                     | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|---|------|------|------------------------------|-----------------------------------|-------|---------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0252      |   |      |      | 11/03/81                     | SAN DIEGO ZOO                     | (P)   | Cornelius                                                                       |                   | 181039               |                  |       |                |
|           |   |      |      | 25/05/83                     | SAN DIEGO WAP                     | (D)   | Cornelius                                                                       |                   | 181039               |                  |       |                |
|           |   |      |      | 11/04/85                     | SAN DIEGO ZOO                     | (D)   | Cornelius                                                                       |                   | 181039               |                  |       |                |
|           |   |      |      | 22/10/86                     | SAN DIEGO WAP                     | (D)   | Cornelius                                                                       |                   | 181039               |                  |       |                |
|           |   |      |      | 10/05/01                     | TYLER CALDWELL                    | (L)   | Cornelius                                                                       |                   | unk                  |                  |       |                |
|           |   |      |      |                              |                                   |       | (source ISIS 01.2001:<br>ID Michken)                                            |                   |                      |                  |       |                |
| 0293      | F | WILD | WILD | 06/05/70                     | KNY EAST AFRICA                   | (WB)  | [0 GEN]                                                                         | GRB 04            |                      |                  | 0.000 | 1.1.0          |
|           |   |      |      | 28/05/73                     | IAE FERNDAL                       | (P)   | (importer)                                                                      |                   |                      |                  |       |                |
|           |   |      |      | 06/06/73                     | GRANBY ZOO                        | (P)   | Suzie                                                                           |                   | 700006               |                  |       |                |
|           |   |      |      |                              |                                   |       | (3.0 ys on arrival)                                                             |                   |                      |                  |       |                |
|           |   |      |      |                              |                                   |       | HAEMOLYTIC ANAEMIA                                                              |                   |                      | 17/12/86         |       |                |
| 0294      | F | 0169 | 0190 | 21/05/81                     | SAN ANTONIO ZOO                   | (B)   | [2nd GEN] no name                                                               | STA 05            | 811515               |                  | 0.000 | 0.0.0          |
|           |   |      |      | 23/07/82                     | CHICAGO LINCOLN                   | (P)   | Marsha                                                                          |                   | 6798                 |                  |       |                |
|           |   |      |      | 10/09/99                     | OKLAHOMA CITY                     | (L)   | Marsha                                                                          |                   | 763225               |                  |       |                |
| 0295      | F | 0009 | 0153 | 15/09/81                     | MAGDEBURG ZOO                     | (B)   | [1st GEN] Wana                                                                  | MAG 04            | 560004               |                  | 0.000 | 0.1.0          |
| 0296      | M | WILD | WILD | 08/01/82                     | KNY EAST AFRICA                   | (WB)  | [0 GEN]                                                                         | CPC 01            |                      |                  | 0.000 | 0.0.0          |
|           |   |      |      | 01/01/84                     | RUHE HANOVER                      | (P)   | (importer)                                                                      |                   | none                 |                  |       |                |
|           |   |      |      | 08/06/84                     | CHAPULTEPEC ZOO                   | (P)   | Carlos                                                                          |                   | none                 |                  |       |                |
|           |   |      |      |                              |                                   |       | (est. 2.5 ys on arrival)                                                        |                   |                      |                  |       |                |
| 0297      | F | WILD | WILD | 08/01/82                     | KNY EAST AFRICA                   | (WB)  | [0 GEN]                                                                         | CPC 02            |                      |                  | 0.000 | 0.0.0          |
|           |   |      |      | 01/01/84                     | RUHE HANOVER                      | (P)   | (importer)                                                                      |                   | none                 |                  |       |                |
|           |   |      |      | 08/06/84                     | CHAPULTEPEC ZOO                   | (P)   | Susi-SUSANA                                                                     |                   | none                 |                  |       |                |
|           |   |      |      |                              |                                   |       | (est. 2.5 ys on arrival)                                                        |                   |                      |                  |       |                |
|           |   |      |      |                              |                                   |       | haemorrhagic                                                                    |                   |                      | 14/03/95         |       |                |
|           |   |      |      |                              |                                   |       | ENTEROCOLITIS/<br>RENAL -/HEPATIC<br>failure/<br>suffered from<br>LEPTOSPIROSIS |                   |                      |                  |       |                |
| 0298      | F | 0219 | 0221 | 23/12/81                     | BERLIN ZOO                        | (B)   | [1st GEN] Theluji                                                               | BE 03             | 810022               |                  | 0.000 | 0.1.0          |
|           |   |      |      |                              |                                   |       | degenerative<br>NEPHRITIS/<br>CARDIO -/<br>CIRCULATORY COLLAPSE                 |                   |                      | 26/05/92         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TB | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                        | TERMS              | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                 | BREEDER NAME/ LOCAL ID            | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|-------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|---------------|-------|------------|
| 0299   | F | WILD | WILD | 01/01/74<br>01/01/76             | TZN EAST AFRICA (WB)<br>HABANA PZN CUBA (P)                       | (WB)<br>(P)        | [0 GEN]<br>Duga<br>(est. 2.0 ys on arrival)<br>(source Brack 04.2000:<br>death)<br>UNK MEANS-<br>no INFO available<br><DT EST> | LHC 01<br>none                    |               | 0.000 | 0.0.0      |
| 0300   | M | 0189 | 0190 | 29/03/79                         | SAN ANTONIO ZOO                                                   | (B)                | [2nd GEN]<br>ABORTUS-<br>near full term fetus                                                                                  | STA 04 791311                     | 29/03/79      | 0.000 | 0.0.0      |
| 0301   | M | 0056 | 0207 | 25/02/80<br>23/06/81<br>25/06/81 | CINCINNATI ZOO (B)<br>IAE GRD PRAIRIE (TD)<br>SEDGWICK WICHIT (P) | (B)<br>(TD)<br>(P) | [1st GEN] Eugene<br>[301-Eugene<br>EORA                                                                                        | CVG 11 M14016<br>M14016<br>779    |               | 0.000 | 4.3.0      |
| 0302   | M | 0247 | 0180 | 07/08/80<br>28/09/81<br>29/11/94 | CINCINNATI ZOO (B)<br>SAN DIEGO WAP (L)<br>DUBBO WESTERN P (L)    | (B)<br>(L)<br>(L)  | [2nd GEN] Mwaniki-DUBBO<br>Mwaniki<br>Mwaniki                                                                                  | CVG 12 M14019<br>681515<br>940168 |               | 0.000 | 1.0.0      |
| 0303   | M | WILD | WILD | 21/11/53<br>01/07/55<br>21/11/55 | EAST AFRICA (WB)<br>V DIJK TILIG WL (P)<br>BANGKOK BUSIT (P)      | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>Tji<br>(est. 2.0 ys on arrival)<br>INTERSTITIAL<br>PNEUMONIA                                          | BKD 01<br>none                    |               | 0.000 | 0.0.0      |
| 0304   | U | 0161 | 0163 | 09/07/81                         | DENVER ZOO                                                        | (B)                | [2nd GEN]<br>ABORTUS-<br>7 mm fetus-<br>advanced<br>autolization/<br>sexing<br>not possible                                    | DEN 09 810101                     | 09/07/81      | 0.000 | 0.0.0      |
| 0305   | M | 0182 | 0151 | 31/03/81<br>01/11/83<br>10/11/83 | HIP ASA ZOOL Pk (B)<br>ARITAKE TOKYO (TF)<br>COLSPR CHEYENNE (P)  | (B)<br>(TF)<br>(P) | [1st GEN] Aki<br>(shipper)<br>WATSON<br>PARCAL IMPACTION/<br>systemic<br>bacterial INFECTION                                   | HTR 05 none<br>101541             |               | 0.000 | 1.0.0      |
| 0306   | F | 0142 | 0195 | 18/05/80                         | POPT LYMPE                                                        | (B)                | [3rd GEN]<br>ABORTUS                                                                                                           | PTL 02 P80027                     | 18/05/80      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0%GEN | BIRTH TYPE UNKN   | 1st%GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michauxi*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                            | LOCATION OF BIRTH/TRANSFER                                                                                              | TERMS                                          | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                         | BREEDER<br>NAME/S | ARKS/<br>LOCAL<br>ID                     | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------------|------------------|-------|----------------|
| 0307   | F | 0223 | 0224 | 02/04/84                                                                         | MYGORE SCZG                                                                                                             | (B)                                            | {2nd GEN} Laxmi<br>(stud number formerly deleted)<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>STILLBIRTH                                                | MYS 06-2          | 840001                                   |                  | 0.250 | 0.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                         |                                                |                                                                                                                                                                                 |                   |                                          | 02/04/84         |       |                |
| 0308   | M | 0074 | 0213 | 18/10/81<br>11/06/82<br>17/06/82<br>05/10/00                                     | SAN FRANCISCO<br>ZEEHANDELAAR NY (TF)<br>CHICAGO LINCOLN (L)<br>CUMBERLAND WILDS (L)                                    | (B)<br>(TF)<br>(L)<br>(L)                      | {1st GEN} Johnstone<br>(shipper)<br>MARSHALL<br>Marshall                                                                                                                        | SFO 08            | 18154<br>5780<br>MM1001                  |                  | 0.000 | 1.0.0          |
| 0309   | F | 0155 | 0225 | 30/06/81                                                                         | TAMPA BUSCH GC                                                                                                          | (B)                                            | {1st GEN} Juliette<br><i>Prolapsus recti/<br/>Prolapsus uteri/<br/>rectal-vaginal<br/>FISTULA</i>                                                                               | TAM 05            | 18815                                    | 19/06/82         | 0.000 | 0.0.0          |
| 0310   | F | 0219 | 0240 | 05/05/82                                                                         | BERLIN ZOO                                                                                                              | (B)                                            | {1st GEN} Mbili<br>POLYARTHRITIS                                                                                                                                                | BE 04             | 820032                                   | 01/03/84         | 0.000 | 0.0.0          |
| 0311   | F | WILD | WILD | 24/05/74<br>30/07/74<br>23/10/74<br>24/10/74<br>06/10/84<br>24/10/86<br>14/12/86 | KNY EAST AFRICA<br>MT KNY GAME RCH<br>IAE FERNDALE<br>HAINES CITY FL<br>POWELL COLUMBUS<br>HAINES CITY FL<br>DALLAS ZOO | (#B)<br>(P)<br>(P)<br>(P)<br>(L)<br>(R)<br>(P) | {0 GEN}<br>(Stanton Hugh) (exporter)<br>(importer)<br>(Schmitt) Kenya<br>TOSHI<br>Kenya<br>Kenya<br>(5 ms on arrival at HAI)<br>BACTERIAL<br>invasion of<br>INTEGUMENT/<br>EUTH | HAI 01            | none<br>none<br>842122<br>none<br>864257 |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                         |                                                |                                                                                                                                                                                 |                   |                                          | 31/12/74         |       |                |
| 0312   | F | 0018 | 0017 | 22/05/82<br>09/05/84<br>31/12/96                                                 | LON-REGENT'S PK<br>CHESTER ZOO<br>CHESTER ZOO                                                                           | (B)<br>(L)<br>(D)                              | {1st GEN} RP 5201-Ester<br>Esther<br>Esther<br>UNK MEANS-<br>no INFO submitted                                                                                                  | LON 13            | A1889<br>1006<br>1006                    |                  | 0.000 | 2.2.0          |
|        |   |      |      |                                                                                  |                                                                                                                         |                                                |                                                                                                                                                                                 |                   |                                          | 12/10/00         |       |                |
| 0313   | F | 0158 | 0159 | 01/06/73<br>31/12/85                                                             | TEHERAN ZOO<br>LOC UNK ASIA                                                                                             | (B)<br>(P)                                     | {1st GEN} Waruni<br><br>TER: Status of 08.1985-<br>extinct sometime<br>thereafter-FATE UNK-<br>removed from STB                                                                 | TEH 04            | none                                     |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                                                                  |                                                                                                                         |                                                |                                                                                                                                                                                 |                   |                                          | 31/12/98         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------|-------|------------|
| 0314   | M | 0158 | 0159 | 01/06/75                                                 | TEHERAN ZOO                                                                                                     | (B)                              | [1st GEN] Nagatu<br>UNK MEANS -<br>no AUTOPSY<br><DT EST>                                                                        | TEH 05 none                                     | 31/12/84      | 0.000 | 0.0.0      |
| 0315   | F | 0158 | 0159 | 01/12/77<br>31/12/85                                     | TEHERAN ZOO<br>LOC UNK ASIA                                                                                     | (B)<br>(P)                       | [1st GEN] Marubi<br><br>TEH: Status of 08.1985 -<br>extinct sometime<br>thereafter - FATE UNK -<br>removed from STB              | TEH 06 none                                     | 31/12/88      | 0.000 | 0.0.0      |
| 0316   | F | 0158 | 0159 | 01/10/80                                                 | TEHERAN ZOO                                                                                                     | (B)                              | [1st GEN] no name<br>UNK MEANS -<br>no AUTOPSY                                                                                   | TEH 07 none                                     | 01/02/81      | 0.000 | 0.0.0      |
| 0317   | F | 0055 | 0207 | 29/09/82<br>12/06/84<br>28/11/00                         | CINCINNATI ZOO<br>CHICAGO LINCOLN (L)<br>CHICAGO BROOKFD (L)                                                    | (B)<br>(L)<br>(L)                | [1st GEN] Naivasha<br>Naivasha<br>Naivasha                                                                                       | CVG 13 M14026<br>7421<br>388                    |               | 0.000 | 1.0.0      |
| 0318   | M | 0022 | 0019 | 04/10/82<br>02/05/84<br>14/10/94<br>18/09/95<br>02/10/98 | LON-WHIPSHADE<br>CHESTER ZOO<br>PORT LYMPHE<br>CHESTER ZOO<br>ZURICH ZOO                                        | (B)<br>(L)<br>(L)<br>(L)<br>(L)  | [2nd GEN] Parky<br>Parky<br>Parky<br>Parky<br>Parky                                                                              | WHI 09 none<br>1005<br>P94038<br>1005<br>980054 |               | 0.000 | 2.3.0      |
| 0319   | M | 0054 | 0055 | 27/03/82                                                 | OKLAHOMA CITY                                                                                                   | (B)                              | [2nd GEN] no name<br><HR><br>mineralizing<br>MYOCARDITIS/<br>- PLEURITIS/<br>PNEUMONIA                                           | OKC 05 021410                                   | 14/04/82      | 0.000 | 0.0.0      |
| 0320   | M | WILD | WILD | 31/03/55<br>31/03/58<br>25/08/76<br>13/06/88<br>30/05/88 | KNY EAST AFRICA (WB)<br>FUKUOKA MUN ZOO (P)<br>KAGOSH HIRAKAWA (P)<br>NAGOYA HIGASHIY (P)<br>YOSHIKAWA KOBE (P) | (WB)<br>(P)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>Kuro<br>Kuro<br>Kuro<br>Kuro<br>(3.0 ys on arrival at FUK)<br>(died on Yoshikawa's Farm)<br>UNK MEANS -<br>no AUTOPSY | FUK 02<br>none<br>none<br>none                  | 31/01/90      | 0.000 | 1.0.1      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TB | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------|-------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0321   | F | WILD | WILD | 05/10/70<br>05/10/72             | KNY EAST AFRICA (WB)<br>KAGOSH HIRAKAWA (P)                       |       | [0 GEN]<br>Hanao<br>(est. 2.0 ys on arrival)<br>acute<br>HAEMORRHAGIC<br>ENTERITIS     | KAG 01            | none                 | 05/09/83         | 0.000 | 1.0.0          |
| 0322   | M | 0320 | 0321 | 23/04/81                         | KAGOSH HIRAKAWA (B)                                               |       | [1st GEN] Kurota<br>acute<br>HAEMORRHAGIC<br>ENTERITIS                                 | KAG 03            | none                 | 21/02/83         | 0.000 | 0.0.0          |
| 0323   | M | WILD | WILD | 29/10/71<br>29/10/74             | KNY EAST AFRICA (WB)<br>HITACHI KAMINE (P)                        |       | [0 GEN]<br>Doro<br>(est. 3.0 ys on arrival)<br>MYOCARDITIS                             | HIT 02            | none                 | 08/02/83         | 0.000 | 2.4.0          |
| 0324   | M | WILD | WILD | 05/08/67<br>05/08/69             | KNY EAST AFRICA (WB)<br>HITACHI KAMINE (P)                        |       | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>INTERSTITIAL<br>EMPHYSEMA            | HIT 01            | none                 | 12/12/89         | 0.000 | 0.0.0          |
| 0325   | F | WILD | WILD | 01/01/64<br>01/01/66<br>12/06/69 | KNY EAST AFRICA (WB)<br>FUKUOKA MUN ZOO (P)<br>HITACHI KAMINE (P) |       | [0 GEN]<br>no name<br>no name<br>(est. 2.0 ys on arrival at FUK)<br>PNEUMONIA          | FUK 05            | none<br>none<br>none | 06/09/74         | 0.000 | 0.0.0          |
| 0326   | M | WILD | WILD | 14/10/67<br>14/10/69<br>21/07/71 | KNY EAST AFRICA (WB)<br>KUMAMOTO Z GRDS (P)<br>HITACHI KAMINE (P) |       | [0 GEN]<br>no name<br>no name<br>(est. 2.0 ys on arrival at KUM)<br>PULMONARY GANGRENE | KUM 01            | none<br>none<br>none | 18/11/73         | 0.000 | 0.0.0          |
| 0327   | F | 0323 | 0185 | 05/11/80                         | HITACHI KAMINE (B)                                                |       | [1st GEN]<br>STILLBIRTH                                                                | HIT 03            | none                 | 05/11/80         | 0.000 | 0.0.0          |
| 0328   | F | 0161 | 0163 | 15/11/82                         | DENVER ZOO                                                        | (B)   | [2nd GEN] Gayx<br>chronic ANAEMIA -<br>poss. CARDIAC - &/or<br>LIVER disease/<br>PUCH  | GEN 10            | 06255                | 11/09/96         | 0.300 | 1.1.0          |
| 0329   | M | 0261 | 0262 | 15/08/79                         | DELHI NAT ZOO/PK (B)                                              |       | [1st GEN] no name<br>PERITONITIS                                                       | NDL 03            | <NDL03>              | 15/07/79         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S       | SIRE      | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                | TERMS                            | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                 | BREEDER NAME/LOCAL ID                                    | ARKS/LOCAL DEATH                               | FCOEF | OFF-SPRING |
|-----------|---------|-----------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|------------------------------------------------|-------|------------|
| 0330      | F       | 0251      | 0262 | 28/12/81<br>02/02/89<br>28/05/91<br>11/12/94             | DELHI NAT ZOO (B)<br>OKLAHOMA CITY (TD)<br>ST LOUIS ZOO (L)<br>SAN DIEGO WAP (L)                          | (B)<br>(TD)<br>(L)<br>(L)        | [1st GEN] no name<br>Jeri<br>Jeri<br>Jeri<br><br>EOSINOPHILIC<br>ULCERS in mouth><br>disseminated<br>fungal INFECTION<br><Zygomycetes or<br>Rhizopus-like<br>infection> | NOL 04<br>484717<br>911606<br>594690                     | <NDL04><br>484717<br>911606<br>594690          | 0.000 | 1.0.0      |
|           |         |           |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          | 20/02/99                                       |       |            |
| 0331      | F       | 0153      | 0190 | 11/12/82<br>15/07/84<br>13/01/87<br>14/01/87<br>03/10/00 | SAN ANTONIO ZOO (B)<br>KANSAS CITY ZOO (P)<br>SAN FRANCISCO (TD)<br>COLSPR CHEYENNE (L)<br>DENVER ZOO (L) | (B)<br>(P)<br>(TD)<br>(L)<br>(L) | [2nd GEN] Holly<br>GERTRUDE<br>Gertrude<br>SHY ANNE<br>Shy Anne                                                                                                         | STA 06<br>521209<br>101854<br>187002<br>270004<br>A00272 | 521209<br>101854<br>187002<br>270004<br>A00272 | 0.000 | 1.0.0      |
| 0332      | M       | 0247      | 0180 | 11/01/83<br>13/07/84                                     | CINCINNATI ZOO (B)<br>DENVER ZOO (P)                                                                      | (B)<br>(P)                       | [2nd GEN] Akeem<br>GEORGE                                                                                                                                               | CVG 14<br>M14032<br>07966                                | M14032<br>07966                                | 0.000 | 1.1.0      |
| 0333-0334 | re      | minor     |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          |                                                |       |            |
| 0335      | DELETED | identical | with | 0034                                                     |                                                                                                           |                                  |                                                                                                                                                                         |                                                          |                                                |       |            |
| 0335      | re      | minor     |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          |                                                |       |            |
| 0337      | M       | 0074      | 0213 | 03/10/83<br>22/11/84                                     | SAN FRANCISCO (B)<br>KANSAS CITY ZOO (P)                                                                  | (B)<br>(P)                       | [1st GEN] Blackstone<br>Blackstone<br>severe<br>acute multifocal<br>ENDO-/MYOCARDIAL<br>HAEMORRHAGE><br>CARDIAC ARREST                                                  | SFD 09<br>183052<br>101587                               | 183052<br>101587                               | 0.000 | 0.0.0      |
|           |         |           |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          | 12/07/85                                       |       |            |
| 0338-0340 | re      | minor     |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          |                                                |       |            |
| 0341      | M       | 0142      | 0195 | 02/10/83<br>21/07/95<br>09/07/95                         | PORT LYMPHE (B)<br>CHESTER ZOO (L)<br>PORT LYMPHE (R)                                                     | (B)<br>(L)<br>(R)                | [3rd GEN] Kingo<br>Kingo<br>Kingo                                                                                                                                       | PTL 03<br>P83001<br>25165<br>P83001                      | P83001<br>25165<br>P83001                      | 0.000 | 0.2.0      |
| 0342      | F       | 0142      | 0194 | 11/11/83                                                 | PORT LYMPHE (B)                                                                                           | (B)                              | [3rd GEN] Arusha                                                                                                                                                        | PTL 04<br>P83002                                         | P83002                                         | 0.000 | 0.1.0      |
| 0343      | F       | 0155      | 0225 | 04/04/83                                                 | TAMPA BUSCH GD (B)                                                                                        | (B)                              | [1st GEN]<br>viral INFECTION                                                                                                                                            | TAM 05<br>18237                                          | 18237                                          | 0.000 | 0.0.0      |
|           |         |           |      |                                                          |                                                                                                           |                                  |                                                                                                                                                                         |                                                          | 13/09/87                                       |       |            |
| 0344      | F       | 0079      | 0293 | 11/09/82                                                 | GRANBY ZOO (B)                                                                                            | (B)                              | [1st GEN] Mini<br>continued next age                                                                                                                                    | GRB 06<br>920037                                         | 920037                                         | 0.000 | 0.0.0      |

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| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------|----------------|----------------------------|------------------|-------|----------------|
| 0344   |   |      |      | 28/10/83<br>29/10/83<br>02/11/83 | LAYAL INTERZ PQ (P)<br>IAE GRD PRAIRIE (P)<br>SEOUL GRD PARK (P) |       | Mini<br>Mini<br>Mini<br><br>ENTERITIS/<br>PNEUMONIA/<br>shipping-STRESS-<br>related                    |                | (14249)<br>none            | 10/12/83         |       |                |
| 0345   | F | 0035 | 0037 | 15/08/83<br>28/10/84             | NAPLES ZOO (B)<br>BEKESS HOWLETT (P)                             | (B)   | [1st GEN] NAP 37-Assunta<br>Assunta<br><br>skull FRACTURE<br>from violent<br>attacks of<br>fence posts | NAP 11         | none<br>H84065             | 05/11/84         | 0.000 | 0.0.0          |
| 0346   | M | 0182 | 0181 | 30/10/82<br>18/09/89             | HIR ASA ZOOL PK (B)<br>OSAKA TENNOJI (TD)                        | (B)   | [1st GEN] Tommy<br>09-Tommy                                                                            | HIR 07         | none<br>397                |                  | 0.000 | 2.3.0          |
| 0347   | M | 0219 | 0240 | 10/08/84                         | BERLIN ZOO (B)                                                   | (B)   | [1st GEN] Tatu<br>Herpesvirus-<br>INFECTION                                                            | BE 05          | 840028                     | 11/10/95         | 0.000 | 0.2.0          |
| 0348   | M | 0254 | 0255 | 03/05/82<br>03/05/82             | BUFFALO ZOO (BL)<br>BOSTON FRANKLIN (LO)                         | (BL)  | [1st GEN]<br><br>ABORTUS                                                                               | BUF 02         | 1255<br>none               | 03/05/82         | 0.000 | 0.0.0          |
| 0349   | M | 0171 | 0150 | 21/10/84<br>27/07/87<br>27/09/91 | ZURICH ZOO (B)<br>FRANKFURT/M ZOO (L)<br>HANOVER ZOO (L)         | (B)   | [2nd GEN] Kifaru<br>Kifaru II<br>Kifaru                                                                | ZRH 07         | 840011<br>399<br>1V207     |                  | 0.000 | 1.2.0          |
| 0350   | M | 0238 | 0237 | 05/03/84<br>17/10/86<br>21/10/86 | NAGOYA HIGASHIY (B)<br>IAE TOKYO JAP (P)<br>TAIPEI ZOO (P)       | (B)   | [1st GEN] Masaru<br>Masaru<br>SHI DER<br><br>INFECTION assoc.<br>VOLVULUS                              | NGO 10         | none<br>1894               | 07/09/94         | 0.000 | 0.1.0          |
| 0351   | F | 0074 | 0213 | 24/05/85<br>13/01/87<br>15/03/87 | SAN FRANCISCO (B)<br>LOS ANGELES ZOO (TD)<br>MIAMI METROZOO (L)  | (B)   | [1st GEN] Moonstone<br>Moonstone<br>Moonstone                                                          | SFO 10         | 185098<br>002640<br>M80744 |                  | 0.000 | 1.2.0          |
| 0352   | M | 0209 | 0183 | 21/07/83<br>22/08/89<br>22/08/89 | OSAKA TENNOJI (B)<br>HIR ASA ZOOL PK (TD)<br>NAGOYA HIGASHIY (L) | (B)   | [2nd GEN] 08-Saita<br>Saita<br>Saita<br><br>NEPHRITIS/<br>HAEMATURESIS/<br>hepatic<br>HAEMOSIDEROSIS   | OSA 07         | 395<br>none<br>none        | 31/03/97         | 0.000 | 0.0.0          |

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| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
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|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|-----------------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------|------------|
| 0353   | F | 0251 | 0121 | 31/10/85                         | ST LOUIS ZOO                                        | (B)                | [1st GEN] Mchawi<br>ENCEPHALOMALACIA;<br>hyperthermia/<br>14 hrs later<br>found comatose/<br>died within 24 hrs                                   | STL 10 085437                       | 27/04/86      | 0.000 | 0.0.0      |
| 0354   | F | 0182 | 0181 | 09/08/84<br>17/10/85<br>21/10/85 | HIR ASA ZOOL PK<br>IAE TOKYO JAP<br>TAIPEI ZOO TWM  | (B)<br>(P)<br>(P)  | [1st GEN] Sachi<br>Sachi<br>SHI CHYI                                                                                                              | HIR 08 none<br>1835                 |               | 0.000 | 0.0.0      |
| 0355   | U | 0251 | 0262 | 17/03/85                         | DELHI NAT ZOOPK                                     | (B)                | [1st GEN]<br>ASPHYXIA -<br>lived some few hours                                                                                                   | NDL 05 (NDL05)                      | 17/08/85      | 0.000 | 0.0.0      |
| 0356   | M | 0155 | 0225 | 09/02/86                         | TAMPA BUSCH GO                                      | (B)                | [1st GEN] Little Joe<br>chronic<br>ANAEMIA/<br>acute severe<br>PNEUMONIA                                                                          | TAM 07 18539                        | 05/12/97      | 0.000 | 0.1.0      |
| 0357   | M | 0252 | 0270 | 21/10/85                         | FRANKFURT/M ZOO                                     | (B)                | [2nd GEN] FRA 04-no name<br>INJURIES><br>internal<br>HAMORRHAGE<br>caused by<br>aggressive Dam                                                    | FRA 10 398                          | 23/10/85      | 0.000 | 0.0.0      |
| 0358   | M | 0016 | 0019 | 29/12/85                         | LON-WHIPSHADE                                       | (B)                | [1st GEN]<br>ABORTUS -<br>6 to 7 ms fetus                                                                                                         | WHI 10 none                         | 29/12/85      | 0.000 | 0.0.0      |
| 0359   | F | 0169 | 0190 | 01/02/86<br>17/07/87<br>21/07/87 | SAN ANTONIO ZOO<br>CINCINNATI ZOO<br>TYLER CALDWELL | (B)<br>(TD)<br>(L) | [2nd GEN] Crista<br>Crista<br>CHRISTA                                                                                                             | STA 07 350200<br>M14058<br>001111   |               | 0.000 | 2.2.0      |
| 0360   | F | 0285 | 0267 | 25/08/85<br>15/01/86<br>17/01/86 | LOS ANGELES ZOO<br>TATUM HOLIDAY<br>KANSAS CITY ZOO | (B)<br>(TF)<br>(L) | [3rd GEN] Ashanti<br>(shipper)<br>Ashanti<br>ENCEPHALOMALACIA -<br>en route:<br>brain<br>LESIONS/TRAUMA/<br>days later<br>found comatose/<br>EUTH | LAX 10 002218<br>102186             | 27/01/88      | 0.000 | 0.0.0      |

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| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------------------|---|------|------|----------------------------------------------|--------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------|----------------|----------------------------|------------------|-------|----------------|
| 0361               | M | 0054 | 0055 | 03/10/85<br>03/10/85                         | DETROIT ZOO<br>OKLAHOMA CITY                                 | (BL)<br>(LO)                | [2nd GEN] J.J.<br>J.J.<br>(Sired at OKC)<br>susp. deficient<br>IMMUNOGLOBULIN<br>TRANSFER                           | DTT 11         | 1652<br>347013             |                  | 0.000 | 0.0.0          |
| 0362               | M | 0259 | 0202 | 11/03/86<br>15/03/88                         | MIAMI METROZOO<br>TYLER CALDWELL                             | (B)<br>(P)                  | [2nd GEN] Makuu<br>Makuu                                                                                            | HIA 04         | H00568<br>001315           |                  | 0.000 | 2.2.0          |
| 0363               | M | 0247 | 0180 | 14/12/85<br>23/03/87                         | CINCINNATI ZOO<br>CHICAGO BROOKFD                            | (B)<br>(L)                  | [2nd GEN] Kabisa<br>Kabisa                                                                                          | CVG 15         | H14046<br>870051           |                  | 0.000 | 1.1.0          |
| 0364               | F | 0056 | 0207 | 27/12/85<br>19/07/87                         | CINCINNATI ZOO<br>SAN ANTONIO ZOO                            | (B)<br>(TD)                 | [1st GEN] Sababu<br>Sababu                                                                                          | CVG 16         | H14047<br>870793           |                  | 0.000 | 0.1.0          |
| 0365               | F | 0271 | 0235 | 18/01/85                                     | CHICAGO BROOKFD                                              | (B)                         | [3rd GEN] Shima                                                                                                     | CHI 12         | 850008                     |                  | 0.000 | 1.1.0          |
| 0366               | F | 0219 | 0220 | 06/10/86                                     | BERLIN ZOO                                                   | (B)                         | [1st GEN] Ine                                                                                                       | BE 06          | 860036                     |                  | 0.000 | 0.1.0          |
| 0367               | F | 0251 | 0212 | 06/11/86<br>06/11/86<br>14/07/87<br>14/07/87 | ST LOUIS ZOO<br>DETROIT ZOO<br>IAE FERNDAL<br>TYLER CALDWELL | (BL)<br>(LO)<br>(TF)<br>(L) | [2nd GEN] no name<br>no name<br>(shipper)<br>Priscilla<br>chronic<br>non-HAEMOLYTIC<br>ANAEMIA/<br>severe SINUSITIS | STL 11         | 086435<br>1950<br>001110   | 31/01/90         | 0.000 | 0.0.0          |
| 0368-0371 re minor |   |      |      |                                              |                                                              |                             |                                                                                                                     |                |                            |                  |       |                |
| 0372               | M | 0271 | 0235 | 11/12/86<br>22/10/88<br>10/03/99             | CHICAGO BROOKFD<br>TYLER CALDWELL<br>HONOLULU ZOO            | (B)<br>(L)<br>(L)           | [3rd GEN] Corky<br>Corky<br>Corky                                                                                   | CHI 13         | 860310<br>001425<br>990042 |                  | 0.000 | 0.0.0          |
| 0373               | M | 0182 | 0284 | 03/03/86                                     | HIR ASA ZOO PK                                               | (B)                         | [2nd GEN]<br>Post partum-<br>CARDIAC<br>INSUFFICIENCY                                                               | HIR 09         | none                       | 03/03/86         | 0.250 | 0.0.0          |
| 0374               | F | 0182 | 0181 | 10/09/86<br>27/10/95                         | HIR ASA ZOO PK<br>NAGOYA HIGASHIY                            | (B)<br>(L)                  | [1st GEN] Ai<br>Ai                                                                                                  | HIR 10         | none<br>none               |                  | 0.000 | 1.1.0          |
| 0375               | F | 0219 | 0240 | 25/02/87                                     | BERLIN ZOO                                                   | (B)                         | [1st GEN] Tano<br>SALMONELLOSIS                                                                                     | BE 07          | 870037                     | 23/12/88         | 0.000 | 0.0.0          |
| 0376               | M | 0161 | 0163 | 07/05/87<br>27/06/88                         | DENVER ZOO<br>PTLD OREGON ZOO                                | (B)<br>(P)                  | [2nd GEN] Pete<br>Pete                                                                                              | DEN 11         | 10522<br>88036             |                  | 0.000 | 0.1.0          |

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|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------------------|---|------|------|----------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|---------------|-------|------------|
| 0377               | M | 0302 | 0239 | 12/07/87<br>12/07/87<br>05/01/90<br>30/08/90<br>13/04/94 | SAN DIEGO WAP<br>CINCINNATI ZOO<br>SAN DIEGO ZOO<br>LANSG POTTER PK<br>SAN FRANCISCO | (BL)<br>(LO)<br>(L)<br>(L)<br>(L) | [3rd GEN] Washaki<br>Washaki<br>Washaki<br>Washaki<br>GENE                          | SDW 03<br>687485<br>M14063<br>687485<br>1304<br>194003 |               | 0.000 | 2.2.0      |
| 0378-0380 re minor |   |      |      |                                                          |                                                                                      |                                   |                                                                                     |                                                        |               |       |            |
| 0381               | M | 1285 | 0076 | 10/08/86<br>09/06/88<br>28/06/89<br>23/05/91             | LOS ANGELES ZOO<br>OKLAHOMA CITY<br>MILWAUKEE ZOO<br>COLUMBIA RIVERB                 | (B)<br>(L)<br>(L)<br>(L)          | [3rd GEN] Zakar<br>Zakar<br>Zakar<br>Zakar                                          | LAX 11<br>002425<br>480416<br>3359<br>SJ1377           |               | 0.000 | 1.1.0      |
| 0382               | F | 0259 | 0255 | 31/12/85                                                 | MIAMI KETROZOO                                                                       | (B)                               | [2nd GEN] Thika<br>neurological<br>INJURY:<br>broken jaw-<br>could not eat/<br>EUTH | MIA 05<br>M00711                                       | 03/02/89      | 0.000 | 0.0.0      |
| 0383               | F | 0074 | 0213 | 02/07/85<br>13/12/89<br>19/12/89<br>06/06/91             | SAN FRANCISCO<br>IAE FERNOALE<br>MILWAUKEE ZOO<br>COLUMBIA RIVERB                    | (B)<br>(TF)<br>(L)<br>(L)         | [1st GEN] Gemstone<br>(shipper)<br>PUNCHKA<br>Gemstone                              | SFO 11<br>188050<br>3408<br>SJ1378                     |               | 0.000 | 1.1.0      |
| 0384               | F | 0018 | 0019 | 24/11/88<br>10/08/90                                     | LON-RESENT'S PK<br>CHESTER ZOO                                                       | (B)<br>(D)                        | [1st GEN] RP 8802-Rosie<br>Rosie<br>(Sired at WHI) (HR)                             | LON 14<br>A798<br>M00116                               |               | 0.000 | 0.0.0      |
| 0385               | M | 0155 | 0240 | 20/12/85                                                 | BEPLIN ZOO                                                                           | (B)                               | [1st GEN]<br>ABORTUS-<br>5 mo fetus                                                 | BE 05<br>(SEE008)                                      | 20/12/88      | 0.000 | 0.0.0      |
| 0386               | M | 0268 | 0244 | 15/05/84<br>01/10/92                                     | DYUR KRALOVE<br>MAGDEBURG ZOO                                                        | (B)<br>(TO)                       | [3rd GEN] Eli<br>Eli<br>INFECTION assoc.-<br>PM inconclusive                        | DYU 17<br>058018<br>580005                             | 28/02/95      | 0.000 | 1.1.0      |
| 0387               | F | 0258 | 0175 | 09/12/84                                                 | DYUR KRALOVE                                                                         | (B)                               | [3rd GEN] Jessi                                                                     | DYU 18<br>0580019                                      |               | 0.000 | 2.2.0      |
| 0388               | M | 0258 | 0282 | 26/08/85<br>13/10/89<br>18/10/89                         | DYUR KRALOVE<br>ZEEHANDELAAR NY<br>ATLANTA ZOO                                       | (B)<br>(TF)<br>(P)                | [3rd GEN] Sado<br>(shipper)<br>BOWA                                                 | DYU 19<br>058020<br>551043                             |               | 0.000 | 0.0.0      |
| 0389               | M | 0282 | 0233 | 12/09/88<br>12/09/88                                     | SAN DIEGO WAP<br>CHICAGO BROOKFD                                                     | (BL)<br>(LO)                      | [2nd GEN] Jioni<br>Jioni<br>continued next page                                     | SDW 04<br>688551<br>850335                             |               | 0.000 | 0.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S | SIRE | DAM   | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                | TERMS                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                           | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID                 | DATE OF DEATH | FCOEF | OFF-<br>SPRING |
|-----------|---|------|-------|----------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------------------|---------------|-------|----------------|
| 0389      |   |      |       | 09/10/89<br>30/10/96                         | POWELL COLUMBUS (L)<br>CUMBERLD WILDS (L)                                                 |                           | Jioni<br>Jioni<br>CIRCULATORY<br>COLLAPSE<br>ANAESTHETIC<br>restraint assoc.                                                                      |                | 892117<br>951004                     | 23/09/98      |       |                |
| 0390      |   | re   | minor |                                              |                                                                                           |                           |                                                                                                                                                   |                |                                      |               |       |                |
| 0391      | M | 0268 | 0175  | 21/05/89<br>21/11/90                         | DYUR KRALOVE<br>LON-REGENT'S PK                                                           | (B)<br>(P)                | [3rd GEN] Jos<br>Jos                                                                                                                              | DYU 20         | 058021<br>A1258                      |               | 0.000 | 0.0.0          |
| 0392-0394 |   | re   | minor |                                              |                                                                                           |                           |                                                                                                                                                   |                |                                      |               |       |                |
| 0395      | M | 0052 | 0202  | 18/03/88                                     | MIAMI METROZOO                                                                            | (B)                       | [1st GEN] Tat:oo-TATU                                                                                                                             | MIA 06         | M00924                               |               | 0.000 | 1.2.0          |
| 0396      | F | 0271 | 0235  | 04/11/88<br>15/03/90                         | CHICAGO BROCKFD<br>PTLD OREGON ZOO                                                        | (B)<br>(L)                | [3rd GEN] Miasi<br>Miasi                                                                                                                          | CHI 14         | 880388<br>90023                      |               | 0.000 | 0.1.0          |
| 0397      | F | 0247 | 0180  | 19/10/88<br>10/04/89<br>30/10/96<br>23/09/98 | CINCINNATI ZOO<br>POWELL COLUMBUS (L)<br>CUMBERLD WILDS (L)<br>POWELL COLUMBUS (L)        | (B)<br>(L)<br>(L)<br>(L)  | [2nd GEN] Kulinda Kifarua<br>Kulinda Kifarua<br>Kulinda Kifarua<br>Kulinda Kifarua                                                                | CVG 17         | M14065<br>592021<br>961005<br>892021 |               | 0.000 | 0.1.0          |
| 0398      | F | 0259 | 0255  | 28/01/89                                     | MIAMI METROZOO                                                                            | (B)                       | [2nd GEN]<br>viral<br>ENCEPHALOMYOCARDITIS                                                                                                        | MIA 07         | M01055                               | 08/02/89      | 0.000 | 0.0.0          |
| 0399-0405 |   | re   | minor |                                              |                                                                                           |                           |                                                                                                                                                   |                |                                      |               |       |                |
| 0406      | U | 0320 | 0596  | 15/09/85                                     | FUKUOKA MUN ZOO                                                                           | (B)                       | [1st GEN]<br>(stud number formerly deleted)<br>(subsequent registration)<br>(source Bookkeeper:<br>all data)<br>was pulled<br>upon<br>Dam's death | FUK 04         | none                                 | 15/09/85      | 0.000 | 0.0.0          |
| 0407      |   | re   | minor |                                              |                                                                                           |                           |                                                                                                                                                   |                |                                      |               |       |                |
| 0408      | F | 0019 | 0195  | 30/10/89                                     | PORT LYMPNE                                                                               | (B)                       | [1st GEN] N'akura                                                                                                                                 | PTL 05         | P83001                               |               | 0.000 | 2.0.0          |
| 0409      | M | WILD | WILD  | 12/07/52<br>05/07/54<br>08/07/54<br>12/07/54 | KWY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>TREFFLICH INC NY (P)<br>NY-PROSPECT PK (P) | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br><br>Rudy<br>continued next page                                                                                          | PRO 01         |                                      |               | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                                 | TERMS                                     | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                            | BREEDER NAME/# | ARKS/LOCAL ID                                | DATE OF DEATH | FCOEF | OFF-SPRING |
|-----------|----|-------|------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------------------------------------------------------------|----------------|----------------------------------------------|---------------|-------|------------|
| 0409      |    |       |      | 13/07/88                                                             | DETROIT ZOO                                                                                                | (D)                                       | Rudy<br>(2.0 ys on arrival at PRO)<br>(source Rookmasker: importer)<br>became 49 ys old |                | 2492                                         |               |       |            |
| 0410-0416 | re | minor |      |                                                                      |                                                                                                            |                                           |                                                                                         |                |                                              | 05/12/01      |       |            |
| 0417      | F  | 0268  | 0262 | 01/10/89<br>04/09/91                                                 | DYUR KRALOVE<br>HANGOVER ZOO                                                                               | (B)<br>(P)                                | [3rd GEN] Sany<br>Sany                                                                  | DYU 21         | 058022<br>1Y206                              |               | 0.000 | 1.2.0      |
| 0418      | F  | 0281  | 0055 | 23/03/89<br>23/03/89<br>11/03/90                                     | DETROIT ZOO<br>OKLAHOMA CITY<br>TAMPA BUSCH GD                                                             | (BL)<br>(LO)<br>(L)                       | [2nd GEN] Jody<br>Jody<br>Jody                                                          | DTT 12         | 2797<br>469918<br>52154                      |               | 0.000 | 1.1.0      |
| 0419      | M  | 0308  | 0317 | 21/05/89<br>21/05/89<br>31/07/90<br>01/08/90<br>22/03/94<br>11/10/94 | CHICAGO LINCOLN<br>CINCINNATI ZOO<br>CATSKILL GN FM<br>GARDEN CITY ZOO<br>OKLAHOMA CITY<br>GARDEN CITY ZOO | (BL)<br>(LO)<br>(TF)<br>(L)<br>(L)<br>(L) | [2nd GEN] Ahad<br>Ahadi<br><Schulz> <shipper><br>Ahadi<br>Ahadi<br>Ahadi                | CLP 01         | 8910<br>189050<br>901070<br>541822<br>901070 |               | 0.000 | 0.0.0      |
| 0420      | M  | 0192  | 0181 | 24/07/88<br>02/10/92                                                 | HIP ASA ZOOL PK<br>YOK KANAZAWA Z                                                                          | (B)<br>(P)                                | [1st GEN] Ron<br>Ron                                                                    | HIR 11         | none<br>none                                 |               | 0.000 | 0.3.0      |
| 0421      | F  | 0323  | 0185 | 21/05/88<br>08/01/91                                                 | HITACHI KAMINE<br>YOK KANAZAWA Z                                                                           | (B)<br>(P)                                | [1st GEN] Lora<br>Lora                                                                  | HIT 07         | none<br>none                                 |               | 0.000 | 0.3.0      |
| 0422      | F  | 0252  | 0150 | 07/03/89<br>07/03/89<br>13/11/92                                     | ZURICH ZOO<br>FRANKFURT/M ZOO<br>CHESTER ZOO                                                               | (BL)<br>(LO)<br>(L)                       | [2nd GEN] Pangani<br>Pangani<br>Pangani                                                 | ZRH 08         | 890018<br>27707<br>24608                     |               | 0.000 | 0.1.0      |
| 0423      | F  | 0251  | 0212 | 05/01/90                                                             | ST LOUIS ZOO                                                                                               | (B)                                       | [2nd GEN] no name<br><i>Escherichia coli</i> - SEPTICAEMIA                              | STL 12         | 090001                                       | 12/01/90      | 0.000 | 0.0.0      |
| 0424      | re | minor |      |                                                                      |                                                                                                            |                                           |                                                                                         |                |                                              |               |       |            |
| 0425      | M  | 0018  | 0194 | 09/01/90                                                             | PORT LYMPNE                                                                                                | (B)                                       | [1st GEN] Magadi<br>mortal INJURIES - inflicted by Dam                                  | PTL 05         | P99000                                       | 22/02/90      | 0.000 | 0.0.0      |
| 0426      | F  | 0074  | 0213 | 05/01/90<br>20/11/90<br>23/11/90                                     | SAN FRANCISCO<br>NORTHL WOLF USA<br>ATLANTA ZOO                                                            | (B)<br>(TF)<br>(L)                        | [1st GEN] Rosetta Stone<br>(shipper)<br>Rosetta Stone                                   | SFO 12         | 190003<br>901030                             |               | 0.000 | 0.0.0      |
| 0427      | M  | 0292  | 0239 | 25/02/90<br>17/05/94                                                 | SAN DIEGO WAP<br>CHICAGO BROOKFD                                                                           | (B)<br>(L)                                | [3rd GEN] Nakili<br>Nakili                                                              | SDW 05         | 690073<br>940123                             |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S        | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER       | TERMS                                              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H           | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID       | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|----------|------|-----------------------|----------------------------------|----------------------------------------------------|-----------------------------------------------------------------------|----------------|----------------------------|------------------|-------|----------------|
| 0428   | F        | 0166 | 0298                  | 12/10/90                         | BERLIN ZOO                                         | (B) [2nd GEN] Sita                                                    | BE 09          | 900044                     |                  | 0.000 | 0.0.0          |
| 0430   | M        | 0252 | 0217                  | 21/09/90<br>13/11/92<br>23/07/98 | ZURICH ZOO<br>CHESTER ZOO<br>LOW-WHIPSADE          | (B) [2nd GEN] Quinto<br>(L) Quinto<br>(L) Quinto                      | ZRH 09         | 900015<br>24609<br>13149   |                  | 0.000 | 0.2.0          |
| 0431   | F        | 0268 | 0244                  | 24/08/90                         | DVUR KRALOVE                                       | (B) [3rd GEN] Einy                                                    | DVU 22         | 058023                     |                  | 0.000 | 0.1.0          |
| 0432   | M        | 0161 | 0183                  | 31/10/89<br>21/08/91             | DENVER ZOO<br>TAMPA BUSCH GD                       | (B) [2nd GEN] Jasper<br>(L) Jasper                                    | DEN 12         | 11902<br>54806             |                  | 0.000 | 2.0.0          |
| 0433   | re minor |      |                       |                                  |                                                    |                                                                       |                |                            |                  |       |                |
| 0434   | F        | 0323 | 0185                  | 08/06/90                         | HITACHI KAMINE                                     | (B) [1st GEN] Maki                                                    | HIT 06         | none                       |                  | 0.000 | 1.1.0          |
| 0435   | M        | 0292 | 0233                  | 29/11/90<br>13/05/94<br>18/05/94 | SAN DIEGO WAP<br>JOHNSON BOERNE<br>LANSG POTTER PK | (B) [2nd GEN] Jimma<br>(TF) (Saf Enterprs, TX) (shipper)<br>(L) Jimma | SDW 06         | 690706<br><br>1892         |                  | 0.000 | 0.0.0          |
| 0436   | F        | 0166 | 0220                  | 07/02/91<br>07/02/91<br>23/09/93 | BERLIN ZOO<br>LEIPZIG ZOO<br>LEIPZIG ZOO           | (BL) [1st GEN] Saba<br>(LO) Saba<br>(P) Saba                          | BE 10          | 910034<br>M00447<br>M00447 |                  | 0.000 | 0.1.0          |
| 0437   | F        | 0166 | 0240                  | 04/04/91<br>01/10/93<br>26/05/94 | BERLIN ZOO<br>DVUR KRALOVE<br>KREFELD ZOO          | (B) [1st GEN] Nane<br>(L) Nane<br>(P) Nane                            | BE 11          | 910035<br>058034<br>740    |                  | 0.000 | 0.0.0          |
| 0438   | M        | 0388 | 0387                  | 23/06/91<br>24/05/94             | DVUR KRALOVE<br>KREFELD ZOO                        | (B) [4th GEN] Jacob<br>(P) Jacob                                      | DVU 23         | 058024<br>739              |                  | 0.125 | 0.0.0          |
| 0439   | M        | 0301 | 0053                  | 18/10/89                         | SEDGWICK WICHIT                                    | (B) [2nd GEN]<br>ABORTUS -<br>9 to 10 ms fetus                        | SCZ 01         | none                       | 18/10/89         | 0.000 | 0.0.0          |
| 0440   | F        | 0301 | 0053                  | 04/12/91                         | SEDGWICK WICHIT                                    | (B) [2nd GEN]<br>ABORTUS -<br>appr. 4 ms fetus                        | SCZ 03         | 5021                       | 04/12/91         | 0.000 | 0.0.0          |
| 0441   | M        | 0259 | 0255                  | 25/07/91                         | MIAMI METROZOO                                     | (B) [2nd GEN]<br>TWIN:<br>ABORTUS -<br>5 ms fetus                     | MIA 09         | none                       | 25/07/91         | 0.000 | 0.0.0          |
| 0442   | F        | 0259 | 0255                  | 25/07/91                         | MIAMI METROZOO                                     | (B) [2nd GEN]<br>TWIN:<br>ABORTUS -<br>5 ms fetus                     | MIA 10         | none                       | 25/07/91         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #                           | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                       | TERMS                      | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                            | BREEDER NAME/LOCAL ID                       | ARKS/LOCAL DEATH | FCOE  | OFF-SPRING |
|----------------------------------|---|------|------|----------------------------------------------|------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------|---------------------------------------------|------------------|-------|------------|
| 0443                             | M | 0074 | 0213 | 30/07/91<br>01/03/94<br>10/09/95<br>15/03/99 | SAN FRANCISCO<br>HONOLULU ZOO<br>HONOLULU ZOO<br>HIP ASA ZOOL PK | (B)<br>(L)<br>(P)<br>(TD)  | [1st GEN] Hailstone<br>Hailstone<br>Hailstone<br>Hailstone              | SFO 13<br>940036<br>940036<br>none          | 191030           | 0.000 | 1.0.0      |
| 0444                             | F | 0271 | 0235 | 07/03/91<br>24/05/92                         | CHICAGO BROOKFD<br>TAMPA BUSCH GD                                | (B)<br>(L)                 | [3rd GEN] Akili<br>Akili<br>CARDIOVASCULAR/<br>CIRCULATORY              | CHI 15<br>910037<br>55823                   |                  | 0.000 | 0.0.0      |
| 0445                             | F | 0192 | 0191 | 30/05/91                                     | HIP ASA ZOOL PK                                                  | (B)                        | [1st GEN] Lena<br>bacterial<br>PNEUMONIA/<br>ENDOCARDITIS/<br>ENTERITIS | HIP 12<br>none                              |                  | 0.000 | 0.0.0      |
| 0445-0447 re minor               |   |      |      |                                              |                                                                  |                            |                                                                         |                                             |                  |       |            |
| 0448                             | M | 0018 | 0194 | 20/11/91<br>13/03/95                         | PORT LYMPNE<br>NATIONAL PKS BD                                   | (B)<br>(L)                 | [1st GEN] Bwana Kidogo<br>Bwana Kidogo                                  | PTL 08<br>P91052<br>(*)                     |                  | 0.000 | 0.0.0      |
| 0449                             | M | 0245 | 0017 | 28/12/91<br>28/12/91                         | PORT LYMPNE<br>LOW-REGENT'S PK                                   | (BL)<br>(LO)               | [4th GEN]<br>(Sired at LOW)<br>Post partum -<br>no AUTOPSY              | PTL 09<br>P91052<br>A3955                   |                  | 0.000 | 0.0.0      |
| 0450                             | M | 0268 | 0175 | 13/09/91<br>05/10/93<br>05/11/93             | DVUR KRALOVE<br>LEIPZIG ZOO<br>EEPLIN ZOO                        | (B)<br>(TD)<br>(L)         | [3rd GEN] Jasper<br>Jasper<br>Jasper                                    | DVU 24<br>058025<br>M01312<br>990324        |                  | 0.000 | 1.3.0      |
| 0451                             | F | 0318 | 0312 | 27/02/91<br>28/10/93                         | CHESTER ZOO<br>LOW-WHIPSHADE                                     | (B)<br>(L)                 | [3rd GEN] Emma (HR)<br>Emma                                             | CHE 05<br>2252<br>L2170                     |                  | 0.000 | 0.0.0      |
| 0452 DELETED identical with 0454 |   |      |      |                                              |                                                                  |                            |                                                                         |                                             |                  |       |            |
| 0453                             | M | 0018 | 0019 | 18/10/90<br>18/10/90<br>22/10/93<br>22/07/98 | PORT LYMPNE<br>LOW-REGENT'S PK<br>LOW-WHIPSHADE<br>CHESTER ZOO   | (BL)<br>(LO)<br>(D)<br>(L) | [1st GEN] Katakata<br>Katakata<br>Katakata<br>Katakata                  | PTL 07<br>P90002<br>A1259<br>L2166<br>26044 |                  | 0.000 | 0.0.0      |
| 0454                             | F | 0252 | 0150 | 15/03/92<br>15/03/92<br>23/08/94             | ZURICH ZOO<br>FRANKFURT/M ZOO<br>DORTMUND ZOO                    | (BL)<br>(LO)<br>(L)        | [2nd GEN] Siwa<br>Siwa<br>Siwa                                          | ZRH 10<br>920017<br>34393<br>081003         |                  | 0.000 | 1.1.0      |
| 0455                             | F | 0283 | 0244 | 08/12/92<br>16/11/95                         | DVUR KRALOVE<br>PORT LYMPNE                                      | (B)<br>(P)                 | [2nd GEN] Etna<br>Etna                                                  | DVU 25<br>058027<br>P95047                  |                  | 0.000 | 0.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                             | TERMS                             | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                          | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID                       | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------------------|---|------|------|----------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------|----------------|--------------------------------------------|------------------|-------|----------------|
| 0456               | F | 0283 | 0178 | 14/12/92<br>13/11/99                                     | DYUR KRALOVE<br>PORT LYMPNE                                                            | (B)<br>(P)                        | [2nd GEN] Jaga<br>Jaga                                                                               | DYU 27         | 058028<br>P99090                           |                  | 0.000 | 0.0.0          |
| 0457               | M | 0247 | 0225 | 05/08/92<br>05/08/92<br>05/08/92<br>19/08/94             | CINCINNATI ZOO<br>TANAPA BUSCH GD<br>CINCINNATI ZOO<br>CLEVELAND METRO                 | (BL)<br>(LO)<br>(D)<br>(L)        | [1st GEN] Spike<br>Spike<br>Spike<br>AOTMU                                                           | CVG 18         | 192160<br>56173<br>192160<br>940846        |                  | 0.000 | 0.1.0          |
| 0458               | M | 0332 | 0328 | 26/03/92<br>31/01/94<br>12/03/99<br>14/03/99             | DENVER ZOO<br>HONOLULU ZOO<br>IAE FERNDAL<br>WAGOYA HIGASHIY                           | (B)<br>(P)<br>(TF)<br>(P)         | [3rd GEN] Tony<br>AKOMI<br>(shipper)<br>Tony<br>CARDIAC ARREST                                       | DEN 14         | 920056<br>940031<br>none                   | 03/04/00         | 0.000 | 0.0.0          |
| 0459               | M | 0251 | 0212 | 21/10/91<br>09/11/93                                     | ST LOUIS ZOO<br>OKLAHOMA CITY                                                          | (B)<br>(L)                        | [2nd GEN] verikhe<br>verikhe                                                                         | STL 13         | 311060<br>632721                           |                  | 0.000 | 0.0.0          |
| 0460               | F | 0332 | 0328 | 04/10/90                                                 | DENVER ZOO                                                                             | (B)                               | [3rd GEN] Kwansa (HR)<br>severe<br>LEUKOENCEPHALOMALACIA/<br>EUTH<br><neurological signs:<br>ATAXIA> | DEN 13         | 12399                                      | 30/01/92         | 0.000 | 0.0.0          |
| 0461-0471 re minor |   |      |      |                                                          |                                                                                        |                                   |                                                                                                      |                |                                            |                  |       |                |
| 0472               | M | 0259 | 0202 | 10/11/90<br>17/08/93<br>20/08/93                         | MIAMI METROZOO<br>IAE PT CLINTON<br>HITACHI KAMINE                                     | (B)<br>(P)<br>(P)                 | [2nd GEN] Tonka<br>Tonka<br>METRO                                                                    | MIA 06         | M01342<br>42095<br>none                    |                  | 0.000 | 1.1.0          |
| 0473               | M | 0110 | 0192 | 15/11/92<br>15/11/92<br>25/05/94<br>13/08/94<br>15/04/99 | SAN DIEGO ZOO<br>SEDGWICK WICHIT<br>SEDGWICK WICHIT<br>NY-BRONX ZOO<br>SAN ANTONIO ZOO | (BL)<br>(LO)<br>(R)<br>(L)<br>(L) | [3rd GEN] verikhe<br>verikhe<br>verikhe<br>verikhe<br>verikhe                                        | SDZ 06         | 592425<br>5652<br>5652<br>941093<br>990463 |                  | 0.000 | 0.1.0          |
| 0474               | M | 0292 | 0233 | 01/12/92                                                 | SAN DIEGO WAP                                                                          | (B)                               | [2nd GEN]<br>STILLBIRTH                                                                              | SDW 07         | 892647                                     | 01/12/92         | 0.000 | 0.0.0          |
| 0475               | M | 0259 | 0202 | 11/02/93<br>05/04/95                                     | MIAMI METROZOO<br>KANSAS CITY ZOO                                                      | (B)<br>(P)                        | [2nd GEN] Tucker<br>Tucker                                                                           | MIA 11         | M01806<br>102680                           |                  | 0.000 | 1.0.0          |
| 0476 re minor      |   |      |      |                                                          |                                                                                        |                                   |                                                                                                      |                |                                            |                  |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | 1       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | 2       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | 3       | OMATION IN   | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                       | TERMS              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                               | BREEDER ARKS/<br>NAME/#<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOE  | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------|--------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|-------|----------------|
| 0477   | M | 0074 | 0213 | 13/02/76                         | SAN FRANCISCO                                    | (B)                | [1st GEN] no name<br>(subsequent report)<br>damage to CENTRAL<br>NERVOUS SYSTEM<br>Dam stepped on infant                                                                                              | SFO 05                                 | 17608            | 0.000 | 0.0.0          |
| 0478   | M | WILD | WILD | 02/06/53<br>26/05/56<br>01/05/56 | EAST AFRICA<br>ZEEHANDELAAR NY<br>FORT WORTH ZOO | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>no name<br>(est. 3.0 ys on arrival)<br>(subsequent report)<br>HAEMORRHAGIC<br>ENTERITIS/<br>CHOLANGITIS/<br>NEPHRITIS/<br>HAEMORRHAGIC<br>LYMPHADENITIS<br>dietary in origin | FGW 02<br><br>M0656                    |                  | 0.000 | 0.0.0          |
| 0479   | F | WILD | WILD | 01/01/53<br>25/06/53<br>01/02/54 | EAST AFRICA<br>CHASE WLD AN FM<br>FORT WORTH ZOO | (WB)<br>(P)<br>(P) | [0 GEN]<br>(Egypt MA) Ginger<br>Ginger or Marilyn<br>(est. 1.0 y on arrival)<br>(subsequent report)<br>chronic NEPHRITIS<br>with toxic degeneration<br>of liver/URAEMIA                               | FGW 01<br><br>none<br>M00054           |                  | 0.000 | 0.0.0          |
| 0480   | M | 0305 | 0331 | 20/10/93<br>20/11/95             | COLSPR CHEYENNE<br>SIOUX FALLS ZOO               | (B)<br>(L)         | [3rd GEN] Boo<br>Boo<br>POLYIOENCEPHALOMALACIA/<br>membranous<br>GLOMERULONEPHRITIS/<br>gastric IMPACTION                                                                                             | CHN 11<br>33W051<br>1815               |                  | 0.000 | 0.0.0          |
| 0481   | F | 0233 | 0282 | 24/02/92<br>14/06/94             | DYER KRALOVE<br>LEIPZIG ZOO                      | (B)<br>(TD)        | [2nd GEN] Sara<br>LIPS<br>HAEMOLYTIC ANAEMIA                                                                                                                                                          | DVU 25<br>058026<br>M01404             |                  | 0.000 | 1.1.0          |
| 0482   | M | 0316 | 0312 | 20/01/93                         | CHESTER ZOO                                      | (B)                | [3rd GEN]<br>FOUND DEAD-<br>PM inconclusive:<br>continued next page                                                                                                                                   | CHE 06<br>24624                        |                  | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|-----------|----------|------|------|------------------------------|-----------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0482      |          |      |      |                              |                                   |       | heavy bacterial growth in<br>lungs - Aeromonas spec.<br>placenta-untypable beta-<br>haemolytic Streptococcus<br><no inflammatory reaction-<br>significance doubtful> |                   |                      |                  |       |                |
| 0483      | M        | 0142 | 1195 | 03/12/92                     | PORT LYMPHE                       | (B)   | [3rd GEN] Baringo II                                                                                                                                                 | PTL 10            | P92105               |                  | 0.000 | 0.0.0          |
| 0484-0487 | re minor |      |      |                              |                                   |       |                                                                                                                                                                      |                   |                      |                  |       |                |
| 0488      | M        | 0271 | 0235 | 06/10/93                     | CHICAGO BROOKFD                   | (B)   | [3rd GEN] Kijito                                                                                                                                                     | CHI 16            | 930205               |                  | 0.000 | 0.0.0          |
|           |          |      |      | 02/06/99                     | POWELL COLUMBUS                   | (L)   | Kijito                                                                                                                                                               |                   | 992029               |                  |       |                |
| 0489      | F        | 0352 | 0359 | 30/05/93                     | TYLER CALDWELL                    | (B)   | [3rd GEN] Ebony                                                                                                                                                      | TYL 01            | 002515               |                  | 0.000 | 0.0.0          |
|           |          |      |      | 28/06/94                     | LANSG POTTER PK                   | (L)   | RAFIKI                                                                                                                                                               |                   | 1894                 |                  |       |                |
| 0490      | M        | 0301 | 0053 | 18/09/93                     | SEDSWICK WICHIT                   | (B)   | [2nd GEN] Rudisha                                                                                                                                                    | SCZ 04            | 6199                 |                  | 0.000 | 0.1.0          |
|           |          |      |      | 01/11/95                     | KANSAS CITY ZOO                   | (L)   | Rudisha-RUDI                                                                                                                                                         |                   | 102752               |                  |       |                |
| 0491      |          |      |      |                              |                                   |       |                                                                                                                                                                      |                   |                      |                  |       |                |
| 0492      | F        | 0162 | 0181 | 26/07/93                     | HIR ASA ZOO L PK                  | (B)   | [1st GEN] Saki                                                                                                                                                       | HIR 13            | none                 |                  | 0.000 | 1.1.0          |
| 0493      | F        | 0182 | 0374 | 04/01/94                     | HIR ASA ZOO L PK                  | (B)   | [2nd GEN] Iyo                                                                                                                                                        | HIR 14            | none                 |                  | 0.250 | 0.0.0          |
| 0494-0502 | re minor |      |      |                              |                                   |       |                                                                                                                                                                      |                   |                      |                  |       |                |
| 0503      | M        | WILD | WILD | 10/10/36                     | TZN EAST AFRICA                   | (WB)  | [0 GEN] (Arusha Reg)                                                                                                                                                 | SYD 01            |                      |                  | 0.000 | 0.0.0          |
|           |          |      |      | 08/09/38                     | SCHULZ ARUSHA                     | (P)   | (exporter)                                                                                                                                                           |                   |                      |                  |       |                |
|           |          |      |      | 10/10/38                     | MOSMAN TARONGA                    | (P)   | Rupert                                                                                                                                                               |                   | 380002               |                  |       |                |
|           |          |      |      |                              |                                   |       | (2.0 ys on arrival)                                                                                                                                                  |                   |                      |                  |       |                |
|           |          |      |      |                              |                                   |       | (subsequent report)                                                                                                                                                  |                   |                      |                  |       |                |
|           |          |      |      |                              |                                   |       | GASTROENTERITIS                                                                                                                                                      |                   |                      | 08/08/47         |       |                |
| 0504      | F        | WILD | WILD | 10/10/36                     | TZN EAST AFRICA                   | (WB)  | [0 GEN] (Arusha Reg)                                                                                                                                                 | SYD 02            |                      |                  | 0.000 | 0.0.0          |
|           |          |      |      | 08/09/38                     | SCHULZ ARUSHA                     | (P)   | (exporter)                                                                                                                                                           |                   |                      |                  |       |                |
|           |          |      |      | 10/10/38                     | MOSMAN TARONGA                    | (P)   | Ruby                                                                                                                                                                 |                   | 380003               |                  |       |                |
|           |          |      |      |                              |                                   |       | (2.0 ys on arrival)                                                                                                                                                  |                   |                      |                  |       |                |
|           |          |      |      |                              |                                   |       | (subsequent report)                                                                                                                                                  |                   |                      |                  |       |                |
|           |          |      |      |                              |                                   |       | GASTROENTERITIS/<br>PERITONITIS                                                                                                                                      |                   |                      | 27/08/43         |       |                |
|           |          |      |      |                              |                                   |       | with extensive<br>CONTUSIONS-<br>got horned<br>by Male mate                                                                                                          |                   |                      |                  |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0505   | M | WILD | WILD | 10/07/45<br>08/05/47<br>10/07/47             | TZN EAST AFRICA (WB)<br>HALLSTROM E TZN (TF)<br>MOSMAN TARONGA (TB)                   | (WB)<br>(TF)<br>(TB)      | [0 GEN] (Arusha Reg)<br>(dt of dpt)<br>George<br>(2.0 ys on arrival)<br>(subsequent report)<br>internal<br>HAEMORRHAGE<br>caused by<br>large Female     | SYD 05         |                      |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                              |                                                                                       |                           |                                                                                                                                                         |                | 470004               | 29/05/51         |       |                |
| 0506   | F | WILD | WILD | 10/07/45<br>08/05/47<br>10/07/47             | TZN EAST AFRICA (WB)<br>HALLSTROM E TZN (TF)<br>MOSMAN TARONGA (P)                    | (WB)<br>(TF)<br>(P)       | [0 GEN] (Arusha Reg)<br>(dt of dpt)<br>Esther<br>(2.0 ys on arrival)<br>(subsequent report)<br>extensive<br>CONTUSIONS<br>extending to<br>lungs/abdomen | SYD 06         |                      |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                              |                                                                                       |                           |                                                                                                                                                         |                | 470005               | 16/07/53         |       |                |
| 0507   | F | WILD | WILD | 25/05/43<br>23/04/48<br>25/05/48             | KNY EAST AFRICA (WB)<br>DE BEER KENYA (P)<br>MOSMAN TARONGA (P)                       | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(exporter)<br>Dianne<br>(5.0 ys on arrival)<br>(subsequent registration)<br>FRACTURE<br>of jaw<br>received<br>in fight                       | SYD 07         |                      |                  | 0.000 | 0.1.0          |
|        |   |      |      |                                              |                                                                                       |                           |                                                                                                                                                         |                | 480008               | 05/10/63         |       |                |
| 0508   | F | WILD | WILD | 25/05/46<br>23/04/48<br>25/05/48             | KNY EAST AFRICA (WB)<br>DE BEER KENYA (P)<br>MOSMAN TARONGA (P)                       | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(exporter)<br>Tyrre<br>(2.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS -<br>no INFO available                                        | SYD 08         |                      |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                              |                                                                                       |                           |                                                                                                                                                         |                | 480009               | 07/07/55         |       |                |
| 0509   | M | WILD | WILD | 16/08/46<br>14/07/48<br>16/08/48<br>03/01/50 | KNY EAST AFRICA (WB)<br>FAHALL NAIROBI (P)<br>MOSMAN TARONGA (P)<br>MELBOURNE ZOO (P) | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(exporter)<br>Peter<br>Peter<br>(2.0 ys on arrival at SYD)<br>(subsequent report)<br>UNK MEANS -<br>no INFO available<br><DT EST>            | SYD 09         |                      |                  | 0.000 | 0.0.0          |
|        |   |      |      |                                              |                                                                                       |                           |                                                                                                                                                         |                | 480010<br>none       | 01/05/50         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TO | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | B       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|-------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|---------------|-------|------------|
| 0510   | F | WILD | WILD | 13/02/48<br>11/01/50<br>13/02/50 | TZN EAST AFRICA (WB)<br>KUENZLER ARUSHA (P)<br>MOSMAN TARONGA (P) | (WB)<br>(P)<br>(P) | [0 GEN] (Arusha Reg)<br>(exporter)<br>Mary<br>(2.0 ys on arrival)<br>(subsequent report)<br>mortal INJURIES<br>received in fight                                                                                           | SYD 12         |                 |               | 0.000 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                | 500009          | 08/03/88      |       |            |
| 0511   | F | WILD | WILD | 13/02/48<br>11/01/50<br>13/02/50 | TZN EAST AFRICA (WB)<br>KUENZLER ARUSHA (P)<br>MOSMAN TARONGA (P) | (WB)<br>(P)<br>(P) | [0 GEN] (Arusha Reg)<br>(exporter)<br>Natilda<br>(2.0 ys on arrival)<br>(subsequent report)<br>penetration of<br>FOREIGN BODY into<br>pleural cavity:<br>chronic TOXAEMIA<br>or SEPTICAEMIA<br>congestive<br>HEART FAILURE | SYD 13         |                 |               | 0.000 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                | 500010          | 23/02/50      |       |            |
| 0512   | M | 0099 | 0196 | 11/10/58                         | MOSMAN TARONGA                                                    | (B)                | [1st GEN]<br>(subsequent registration)<br>STILLBIRTH                                                                                                                                                                       | SYD 15         | 580018          |               | 0.000 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                |                 | 11/10/58      |       |            |
| 0513   | F | 0099 | 0196 | 17/04/60                         | MOSMAN TARONGA                                                    | (B)                | [1st GEN] Milcred<br>(subsequent registration)<br>FRACTURE of leg/<br>CONTUSIONS/<br>ABRASIONS/<br>EUTH                                                                                                                    | SYD 16         | 600007          |               | 0.000 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                |                 | 29/03/67      |       |            |
| 0514   | F | 0099 | 0197 | 19/06/65                         | MOSMAN TARONGA                                                    | (B)                | [2nd GEN]<br>(subsequent registration)<br>HYPOSTHENIC                                                                                                                                                                      | SYD 19         | 650013          |               | 0.250 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                |                 | 21/08/85      |       |            |
| 0515   | F | 0099 | 0197 | 26/07/67                         | MOSMAN TARONGA                                                    | (B)                | [2nd GEN]<br>(subsequent report)<br>STILLBIRTH                                                                                                                                                                             | SYD 21         | 670009          |               | 0.250 | 0.0.0      |
|        |   |      |      |                                  |                                                                   |                    |                                                                                                                                                                                                                            |                |                 | 26/07/67      |       |            |
| 0516   | M | 0161 | 0163 | 13/11/93                         | DENVER ZOO                                                        | (B)                | [2nd GEN] Mishindi                                                                                                                                                                                                         | DEH 15         | 330808          |               | 0.000 | 0.0.0      |
| 0517   | F | 0356 | 0418 | 21/12/94<br>21/12/94             | TAMPA BUSCH GD<br>OKLAHOMA CITY                                   | (BL)<br>(LO)       | [3rd GEN] Juvetaco<br>Juvetaco                                                                                                                                                                                             | TAM 08         | 58128<br>663223 |               | 0.000 | 1.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| WB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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| STUD #    | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                           | TERMS               | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                      | BREEDER NAME/<br>LOCAL ID | ARKS/<br>LOCAL ID        | DATE OF DEATH | FCDEF | OFF-SPRING |
|-----------|----|-------|------|----------------------------------|------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------|---------------------------|--------------------------|---------------|-------|------------|
| 0515      | M  | 0247  | 0225 | 09/12/94<br>09/12/94<br>10/11/95 | CINCINNATI ZOO<br>TAMPA BUSCH GD<br>TAMPA BUSCH GD   | (BL)<br>(LO)<br>(R) | [1st GEN] Bwana Chai<br>Bwana Chai<br>Bwana Chai                                             | CVG 19                    | 194207<br>58151<br>58151 |               | 0.000 | 0.0.0      |
| 0519      | M  | 0395  | 0351 | 15/12/94                         | MIAMI METROZOO                                       | (B)                 | [2nd GEN]<br>STILLBIRTH                                                                      | WIA 12                    | none                     | 15/12/94      | 0.000 | 0.0.0      |
| 0520-0523 | re | minor |      |                                  |                                                      |                     |                                                                                              |                           |                          |               |       |            |
| 0524      | F  | 0018  | 0019 | 08/07/77                         | LON-WHIPSNADE                                        | (B)                 | [1st GEN]<br>(subsequent report)<br>STILLBIRTH                                               | WHI 07                    | none                     | 08/07/77      | 0.000 | 0.0.0      |
| 0525      | M  | 0085  | 0087 | 03/05/83                         | MYSORE SCZG                                          | (B)                 | [1st GEN] Rajendra                                                                           | MYS 06                    | 830805                   |               | 0.000 | 0.1.0      |
| 0526      | F  | 0223  | 0224 | 09/11/91                         | MYSORE SCZG                                          | (B)                 | [2nd GEN] Mahlaxmi<br>UNK MEANS-<br>no INPO submitted<br><DT EST>                            | MYS 07                    | 910005                   | 31/12/95      | 0.250 | 0.0.0      |
| 0527      | F  | 0223  | 0224 | 10/07/94                         | MYSORE SCZG                                          | (B)                 | [2nd GEN] no name<br>PNEUMONIA                                                               | MYS 08                    | 940007                   | 10/07/95      | 0.250 | 0.0.0      |
| 0528      | M  | 0252  | 0217 | 01/07/94<br>27/11/95             | ZURICH ZOO<br>DOFTMUND ZOO                           | (B)<br>(L)          | [2nd GEN] Usino<br>Usino                                                                     | ZRH 11                    | 940005<br>081004         |               | 0.000 | 1.1.0      |
| 0529      | M  | 0151  | 0076 | 17/08/77<br>20/06/79<br>29/06/79 | LOS ANGELES ZOO<br>IAE GPD PRAIRIE<br>YOSHIKAWA KOBE | (B)<br>(P)<br>(P)   | [1st GEN] no name<br>no name<br>no name<br>(subsequent report)<br>(died on Yoshikawa's Farm) | LAX 06                    | 08894<br>(2814)          | 05/07/79      | 0.000 | 0.0.0      |
| 0530      | re | minor |      |                                  |                                                      |                     | UNK MEANS-<br>no AUTOPSY                                                                     |                           |                          |               |       |            |
| 0531      | M  | 0050  | 0061 | 19/09/44<br>05/05/45             | CHICAGO BROOKFD<br>CIR RINGLING FL                   | (B)<br>(P)          | [1st GEN] Robert<br>Robert<br>(subsequent report)<br>UNK MEANS-<br>no INPO available         | CHI 06                    | 19378<br>none            | 31/05/53      | 0.000 | 0.0.0      |
| 0532      | F  | 0347  | 0220 | 20/05/94<br>02/06/97             | BERLIN ZOO<br>COLOGNE ZOO                            | (B)<br>(L)          | [2nd GEN] Tisa<br>Tisa                                                                       | BE 12                     | 940061<br>2250           |               | 0.000 | 0.0.0      |
| 0533      | M  | 0349  | 0417 | 02/02/95<br>05/02/95<br>10/06/97 | HANOVER ZOO<br>ZURICH ZOO<br>COLOGNE ZOO             | (BL)<br>(LO)<br>(L) | [1th GEN] Taco<br>Taco<br>Taco                                                               | HAN 07                    | 1V220<br>950308<br>2251  |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                           | TERMS               | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                      | BREEDER ARKS/LOCAL ID    | DATE OF DEATH       | FCOEF | OFF-SPRING |
|--------------------|---|------|------|----------------------------------|------------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|-------|------------|
| 0534               | M | WILD | WILD | 02/11/75<br>20/07/94<br>28/10/94 | S AFR ADDO NP<br>NATIONAL PES BD<br>PORT LYMPNE      | (WB)<br>(TF)<br>(L) | [0 GEN]<br>(dtd of cpt)<br>Gareth Edwards<br>(18.11 yrs on arrival)                                                               | PTL 11<br><br>P94039     | <br>(*)<br>28/11/94 | 0.000 | 3.3.0      |
| 0535               | M | 0316 | 0312 | 21/11/94                         | CHESTER ZOO                                          | (B)                 | [3rd GEN] no name (HR)<br><i>Escherichia coli</i> -<br>SEPTICAEMIA-<br>susp. derived<br>from intestine                            | CHE 07 25031             |                     | 0.000 | 0.0.0      |
| 0536-0537 re minor |   |      |      |                                  |                                                      |                     |                                                                                                                                   |                          |                     |       |            |
| 0538               | F | 0346 | 0183 | 20/04/94<br>10/10/96<br>10/10/96 | OSAKA TENNOJI<br>HANKYU INT CO<br>TYLER CALDWELL     | (B)<br>(TF)<br>(L)  | [2nd GEN] 10-Satomi<br>(shipper)<br>Satomi<br>self-inflicted<br>INJURIES                                                          | OSA 08 398<br><br>003904 | <br><br>22/10/96    | 0.000 | 0.0.0      |
| 0539               | F | 0277 | 0175 | 11/04/94                         | DVUR KRALOVE                                         | (B)                 | [2nd GEN]<br>STRESS induced<br>ABORTUS                                                                                            | DVU 28 058031            | 11/04/94            | 0.000 | 0.0.0      |
| 0540               | F | 0277 | 0387 | 11/04/94                         | DVUR KRALOVE                                         | (B)                 | [4th GEN] Jiddah                                                                                                                  | DVU 29 058032            |                     | 0.000 | 0.0.0      |
| 0541               | M | 0260 | 0202 | 25/10/94                         | DVUR KRALOVE                                         | (B)                 | [3rd GEN] Sauron                                                                                                                  | DVU 30 058032            |                     | 0.000 | 0.0.0      |
| 0542               | M | 0363 | 0365 | 10/03/95<br>26/11/96             | CHICAGO BROOKFD<br>LITTLE ROCK ZOO                   | (B)<br>(L)          | [4th GEN] Johari<br>Johari                                                                                                        | CHI 17 950021<br>5161    |                     | 0.000 | 0.0.0      |
| 0543               | F | WILD | WILD | 31/05/50<br>25/05/51<br>31/05/51 | TZN EAST AFRICA<br>FOCKELMANN HBG<br>FRANKFURT/M ZOO | (WB)<br>(P)<br>(P)  | [0 GEN]<br>(importer)<br>no name<br>(1.0 y on arrival)<br>(subsequent report)<br>(source bookmarker:<br>origin)<br>ENTEROSTENOSIS | FRA 04<br><br>391        | <br><br>05/01/52    | 0.000 | 0.0.0      |
| 0544               | F | WILD | WILD | 23/05/46<br>18/03/52             | ANY EAST AFRICA<br>RUHE HANOVER                      | (WB)<br>(P)         | [0 GEN]<br>(importer)<br>continued next page                                                                                      | FRA 05                   |                     | 0.000 | 1.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                            | TERMS              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                             | BREEDER ARKS/<br>NAME/LOCAL ID | DATE OF DEATH | FCOEFF | OFF-SPRING |
|--------|---|------|------|----------------------------------|-------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|--------|------------|
| 0544   |   |      |      | 22/08/52                         | FRANKFURT/M ZOO                                       | (P)                | Katharina<br>(6.0 ys on arrival)<br>(subsequent report)<br>(source Bookmaker:<br>age)<br>susp. infectious<br>ANEMIA/HAEMOLYSIS-<br>massive haemosiderin<br>in liver/kidney/<br>spleen/adrenal gland | 332                            | 14/04/53      |        |            |
| 0545   | M | 0005 | 0544 | 23/12/56<br>08/07/57<br>08/08/57 | FRANKFURT/M ZOO<br>V DIJK TILG NL<br>LA PLATA ZOO     | (B)<br>(P)<br>(P)  | [1st GEN] Konrad<br>(broker)<br>Konrad<br>(subsequent report)<br>UNK MEANS -<br>no AUTOPSY                                                                                                          | FRA 06 393<br><br>none         |               | 0.000  | 0.0.0      |
| 0546   | F | 0347 | 0366 | 14/05/95                         | BERLIN ZOO                                            | (B)                | [2nd GEN] Kuri                                                                                                                                                                                      | BE 13 950206                   |               | 0.125  | 0.0.0      |
| 0547   | F | WILD | WILD | 24/07/05<br>20/07/06<br>24/07/06 | KNY EAST AFRICA<br>PRASCH KAUER CO<br>LOW-REGENT'S PK | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>Theodora<br>(est. 1.0 y on arrival)<br>(subsequent report)<br>(source Bookmaker:<br>age/house name/<br>cause of death)<br>BRONCHOPNEUMONIA                                 | LOW 01<br><br>A3029            |               | 0.000  | 0.0.0      |
| 0548   | M | WILD | WILD | 19/05/09<br>05/04/11<br>19/05/11 | KNY EAST AFRICA<br>MOGSHAN NAIROBI<br>LOW-REGENT'S PK | (WB)<br>(P)<br>(P) | [0 GEN]<br>(exporter)<br>Theodore<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>(source Bookmaker:<br>house name)<br>UNK MEANS -<br>no AUTOPSY                                              | LOW 02<br><br>A3030            |               | 0.000  | 0.0.0      |
| 0549   | F | WILD | WILD | 09/04/28<br>01/06/28<br>09/07/28 | KNY EAST AFRICA<br>BAILEY G KENYA<br>LOW-REGENT'S PK  | (WB)<br>(P)<br>(D) | [0 GEN] (Mt Kenya Reg)<br>(exporter)<br>Kathleen or Kenya<br>continued next page                                                                                                                    | LOW 04<br><br>A3032            |               | 0.000  | 0.0.0      |

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| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------|--------|----------------|
| 0545   |   |      |      | 03/05/39                                                 | LON-WHIPSKADE                                                                                              | (D)                              | Kathleen<br>(source Rookmaster:<br>bottle fed at London-<br>est. 3 ms on arrival)<br>(subsequent report)<br>PNEUMONIA                                                                                         | none                                   | 23/12/39      |        |                |
| 0550   | M | WILD | WILD | 17/12/45<br>01/09/46<br>18/10/46                         | KNY EAST AFRICA (WB)<br>SAUVAGE & NAIRO (P)<br>LON-REGENT'S PK (P)                                         | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(exporter)<br>Jimmy<br>(10 ms on arrival)<br>(subsequent report)<br>UNK MEANS -<br>no INFO available                                                                                               | LON 05<br><br>A3033                    |               | 0.000  | 0.0.0.0        |
| 0551   | F | WILD | WILD | 08/10/45<br>01/09/47<br>08/10/47                         | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>LON-REGENT'S PK (P)                                         | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(exporter)<br>Lorna<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>MITRAL STENOSIS/<br>BRONCHITIS                                                                                           | LON 06<br><br>A3034                    |               | 0.000  | 0.0.0.0        |
| 0552   | M | 0381 | 0383 | 23/08/95<br>23/08/95<br>14/10/96<br>14/10/96             | COLUMBIA RIVER (BL)<br>SAN FRANCISCO (LO)<br>NOVAK CAIRO NY (TF)<br>JACKSONVILLE (L)                       | (BL)<br>(LO)<br>(TF)<br>(L)      | [4th GEN] Zeus (HR)<br>Zeus<br>(shipper)<br>Zeus                                                                                                                                                              | CRB 01<br>SJ1712<br>195026<br>B96086   |               | 0.000  | 0.0.0.0        |
| 0553   | F | WILD | WILD | 03/11/57<br>01/01/62<br>03/11/62<br>03/11/62<br>09/07/63 | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>FRESNO CHAFFEE (P)<br>THOUSD OAKS CA (L)<br>FRESNO CHAFFEE (P) | (WB)<br>(P)<br>(P)<br>(L)<br>(P) | [0 GEN]<br>(importer)<br>Juliette<br>(Goebel's Jgl Id)<br>Juliette<br>(5.0 ys on arrival at FRE)<br>(subsequent report)<br>(source Rookmaster:<br>importer/transfer data)<br>UNK MEANS -<br>no INFO available | FRE 02<br><br>936883<br>none<br>336883 |               | 0.000  | 0.0.0.0        |
| 0554   | F | WILD | WILD | 02/05/55<br>30/03/59<br>02/05/59                         | KNY EAST AFRICA (WB)<br>CARR-HARTL NAIR (P)<br>KOBE OJI ZOO (P)                                            | (WB)<br>(P)<br>(P)               | [0 GEN]<br>(exporter)<br>Manny I<br>(4.0 ys on arrival)<br>(subsequent report)<br>GASTRIC ULCERS                                                                                                              | KOJ 01<br><br>none                     |               | 0.000  | 2.0.0.0        |
|        |   |      |      |                                                          |                                                                                                            |                                  |                                                                                                                                                                                                               |                                        | 04/12/66      |        |                |

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| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|---------------------------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------|-------|------------|
| 0555   | M | WILD | WILD | 01/09/48<br>01/08/53<br>01/09/53 | KNY EAST AFRICA<br>RUME HANOYER<br>BUEN AIRES ZOO | (WB)<br>(P)<br>(P)  | [0 GEN]<br>(importer)<br>Archibaldo II<br>(est. 7.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>importer)<br>UNK MEANS-<br>no INFO available | BUE 03<br><br>none                  | <br><br>29/07/84      | 0.000 | 2.1.0      |
| 0556   | M | 0060 | 0061 | 07/10/41<br>05/11/43             | CHICAGO BROOKFD<br>PITTSBURGH ZOO                 | (B)<br>(P)          | [1st GEN] Georgie-Joe<br>Georgie-Joe<br>(subsequent report)<br>(source Rookmaker:<br>rear/cause of death)<br>PNEUMONIA                                                | CHI 05<br>19977<br>250              | <br><br>31/12/52      | 0.000 | 0.0.0      |
| 0557   | F | 0341 | 0019 | 03/03/95                         | PORT LYMNE                                        | (B)                 | [4th GEN]<br>PULMONARY OEDEMA><br>RESPIRATORY CRISIS:<br>brooch presentation-<br>assisted delivery<br>(caesarian)                                                     | PTL 12<br>P95006<br>03/03/95        |                       | 0.000 | 0.0.0      |
| 0558   | F | WILD | WILD | 07/08/91<br>02/05/95<br>05/08/95 | S AFP ADDO NP<br>NATIONAL PKS BD<br>PORT LYMNE    | (WB)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt est.)<br>Yuyu<br>(4.0 ys on arrival)                                                                                                            | PTL 13<br><br>P95039                | <br>(*)<br><br>P95039 | 0.000 | 0.1.0      |
| 0559   | F | 0386 | 0295 | 23/12/95                         | MAGDEBURG ZOO                                     | (B)                 | [4th GEN] Malaika                                                                                                                                                     | MAG 05<br>580006                    |                       | 0.000 | 0.0.0      |
| 0560   | F | 0182 | 0181 | 16/05/95<br>20/03/99             | HIP ASA ZOOL PK<br>HONOLULU ZOO                   | (B)<br>(TD)         | [1st GEN] Satsuki<br>Satsuki                                                                                                                                          | HIP 15<br>none<br>990050            |                       | 0.000 | 0.0.0      |
| 0561   | F | 0420 | 0421 | 30/10/95<br>05/03/99             | YOK KANAZAWA Z<br>TEY UENO ZOO                    | (B)<br>(L)          | [2nd GEN] Argo<br>Argo                                                                                                                                                | KAN 01<br>none<br>324084            |                       | 0.000 | 0.0.0      |
| 0562   | M | 0260 | 0178 | 04/12/95                         | DYUR KRALOVE                                      | (B)                 | [3rd GEN] Jonas<br>(could not stand up-HR)<br>SEPSIS-<br>no peristaltic<br>of intestine                                                                               | DYU 31<br>058035<br>12/12/95        |                       | 0.000 | 0.0.0      |
| 0563   | U | 0056 | 0057 | 03/04/60                         | CINCINNATI ZOO                                    | (B)                 | [1st GEN]<br>(subsequent report)<br>STILLBIRTH                                                                                                                        | CVG 03<br>198084<br>03/04/60        |                       | 0.000 | 0.0.0      |

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|    |                 |       |                   |         |              |    |          |
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| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TB | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 03GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|-----------|----|-------|------|----------------------------------|---------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------|-------|----------------|
| 0554      | F  | WILD  | WILD | 25/03/57<br>24/07/64<br>25/09/64 | TZN EAST AFRICA (WB)<br>TZN MUSOMA DIST (TF)<br>SAANANE ISL ZOO (P) |       | {0 GEN} (Singizi Reg)<br><loc/dt of capt><br>Singizi<br><7.0 ys on arrival><br><subsequent registration><br>DIARRHOEA-<br>GENERAL LASSITUDE<br><had an eye disease-<br>lost sight in 1965> | SAA 01<br><br><br>none              | <br><br><br>10/02/66 | 0.000 | O.O.1          |
| 0565      | U  | WILD  | 0564 | 04/05/55                         | SAANANE ISL ZOO (B)                                                 |       | {1st GEN}<br><subsequent registration><br><source Rookmaker:<br>cause of death><br>CORNEAL OPACITY                                                                                         | SAA 03 none                         | <br><br><br>04/07/65 | 0.000 | O.O.O          |
| 0566      | M  | 0062  | 0063 | 22/07/67                         | KANSAS CITY ZOO (B)                                                 |       | {1st GEN}<br><subsequent registration><br>PNEUMORRHAGIA                                                                                                                                    | KSC 02 none                         | <br><br>23/07/67     | 0.000 | O.O.O          |
| 0567      | F  | 0062  | 0063 | 08/11/69                         | KANSAS CITY ZOO (B)                                                 |       | {1st GEN} (HR)<br><subsequent registration><br>failure to<br>pass MECONIUM                                                                                                                 | KSC 03 none                         | <br><br>13/11/69     | 0.000 | O.O.O          |
| 0568      | re | minor |      |                                  |                                                                     |       |                                                                                                                                                                                            |                                     |                      |       |                |
| 0569      | M  | 3292  | 0233 | 22/07/95<br>22/07/95<br>16/08/96 | SAN DIEGO WAP (BL)<br>CHICAGO BROOKFD (LO)<br>PITTSBURGH ZOO (L)    |       | {2nd GEN} Jomo (HR)<br>Jomo<br>Jomo                                                                                                                                                        | SDW 03 655401<br>950195<br>101114   | <br><br><br>0.000    | 0.000 | O.O.O          |
| 0570      | re | minor |      |                                  |                                                                     |       |                                                                                                                                                                                            |                                     |                      |       |                |
| 0571      | F  | 0377  | 0213 | 13/08/95<br>22/03/96<br>16/08/96 | SAN FRANCISCO (B)<br>SAN DIEGO WAP (L)<br>PITTSBURGH ZOO (L)        |       | {4th GEN} Genelly<br>MIESHA<br>Genelly<br>susp. LEPTOSPIROSIS                                                                                                                              | SFO 14 195023<br>696113<br>101113   | <br><br>28/11/97     | 0.000 | O.O.O          |
| 0572      | M  | 0362  | 0359 | 18/12/95<br>18/12/95             | TYLER CALDWELL (BL)<br>CINCINNATI ZOO (LO)                          |       | {3rd GEN} no name<br>no name<br>CARDIOVASCULAR/<br>mechanical<br>ABNORMALITY                                                                                                               | TYL 02 003704<br>195016             | <br>24/12/95         | 0.000 | O.O.O          |
| 0573-0575 | re | minor |      |                                  |                                                                     |       |                                                                                                                                                                                            |                                     |                      |       |                |
| 0576      | M  | WILD  | WILD | 29/06/54<br>25/06/56             | KNY EAST AFRICA (WB)<br>ZEEHANDELAAR NY (P)                         |       | {0 GEN}<br><importer><br>continued next page                                                                                                                                               | DAL 01                              |                      | 0.000 | O.O.O          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | B       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #    | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                    | TERMS                              | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                                                                       | BREEDER NAME/LOCAL ID        | DATE OF DEATH | FCDEF | OFF-SPRING |
|-----------|----|-------|------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0576      |    |       |      | 29/06/56                                                 | DALLAS ZOO                                                                                                    | (P)                                | no name<br>(est. 2.3 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>cause of death)<br>INJURIES                                                                                                                                    | 000679                       | 26/03/58      |       |            |
| 0577-0580 | re | color |      |                                                          |                                                                                                               |                                    |                                                                                                                                                                                                                                                    |                              |               |       |            |
| 0581      | M  | WILD  | WILD | 03/10/70<br>01/04/75<br>01/09/75<br>02/10/75<br>03/10/75 | KNY EAST AFRICA (WB)<br>STEWART MAIRGEI (TF)<br>DEL GARDA ZOOPC (P)<br>SPINK JABRIA HL (TF)<br>ZURICH ZOO (P) | (WB)<br>(TF)<br>(P)<br>(TF)<br>(P) | [0 GEN] (Tsavo Reg)<br>(Galana Dist Kny-cpt)<br>(Denner) (importer)<br>(shipper)<br>Tsavo<br>(est. 5.0 ys on arrival)<br>(subsequent registration)<br>myocardium muscle<br>degeneration/<br>gastric ulcers/<br>bronchopneumonia)<br>CARDIAC ARREST | ZRH 05<br><br>none<br>750016 |               | 0.000 | 0.0.0      |
| 0582      | M  | WILD  | WILD | 28/07/51<br>28/07/55                                     | KNY EAST AFRICA (WB)<br>POTTERDAM ZOO (P)                                                                     | (WB)<br>(P)                        | [0 GEN]<br>Peter-MERU<br>(4.0 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>age/date of arrival)<br>INFECTION assoc.-<br>died within 24 hrs                                                                                       | ROT 02<br>105435             |               | 0.000 | 0.1.0      |
| 0583      | F  | WILD  | WILD | 10/02/49<br>10/05/50<br>06/07/52                         | KNY EAST AFRICA (WB)<br>POTTERDAM ZOO (P)<br>APNHEM ZOO (P)                                                   | (WB)<br>(P)<br>(P)                 | [0 GEN]<br>Sonny<br>Sonny<br>(1.3 ys on arrival at ROT)<br>(subsequent report)<br>(source Rookmaker:<br>age/transfer data)<br>UNK MEANS-<br>no INFO available<br>(DT EST)                                                                          | ROT 01<br>105406<br>5995     |               | 0.000 | 0.1.0      |
| 0584      | M  | WILD  | WILD | 06/03/50<br>01/05/50                                     | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)                                                                   | (WB)<br>(P)                        | [0 GEN]<br>(exporter)<br>continued next page                                                                                                                                                                                                       | DBL 01                       |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0:GEN | BIRTH TYPE UNKN   | 1st:GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                     | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>LOCAL<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|-----------------------|----------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|---------------------------|-------|----------------|
| 0584   |   |      |      | 06/09/60              | DUBLIN PHOENIX             | (P)   | Congo<br>(6 ms on arrival)<br>(subsequent report)<br><b>ENTERITIS/<br/>HYPOTHERMIA-</b><br>related to<br><b>extreme</b><br>cold weather     |                | 60M009               | 03/01/62                  |       |                |
| 0585   | M | WILD | WILD | 13/12/29              | TZW EAST AFRICA            | (WB)  | [0 GEN] (Mt Meru Reg)                                                                                                                       | CHI 02         |                      |                           | 0.000 | 0.0.0          |
|        |   |      |      | 13/12/30              | OKAHANDJA ZOO              | (P)   | (Schulz) (dt of cpt)                                                                                                                        |                | none                 |                           |       |                |
|        |   |      |      | 07/05/31              | AMSTERDAM ZOO              | (L)   | Karonggo                                                                                                                                    |                | none                 |                           |       |                |
|        |   |      |      | 14/05/34              | CATSKILL GM FM             | (R)   | (Schulz)                                                                                                                                    |                | none                 |                           |       |                |
|        |   |      |      | 13/06/34              | CHICAGO SPOOKFD            | (P)   | KARONGA                                                                                                                                     |                | 19975                |                           |       |                |
|        |   |      |      | 08/07/43              | MILWAUKEE ZOO              | (P)   | Karonga<br>(1.0 y at cpt)<br>(subsequent report)<br>(source Rookmaker:<br>origin/transfer data<br>up to CHI)<br><b>STROKE</b>               |                | X01500               | 26/07/57                  |       |                |
| 0586   | M | 0234 | 0235 | 15/06/77              | CHICAGO BROOKFD            | (B)   | [1st GEN] no name<br>(subsequent registration)<br><b>mortal INJURIES</b><br>inflicted by<br>exhibit mates                                   | CHI 11         | 23573                |                           | 0.000 | 0.0.0          |
|        |   |      |      |                       |                            |       |                                                                                                                                             |                |                      | 28/08/77                  |       |                |
| 0587   | M | 0135 | 0214 | 03/05/76              | SAN ANTONIO ZOO            | (B)   | [1st GEN]<br>(subsequent registration)<br><b>STILLBIRTH-</b><br>was dead 1 week<br>when paused                                              | STA 03         | 760578               |                           | 0.000 | 0.0.0          |
|        |   |      |      |                       |                            |       |                                                                                                                                             |                |                      | 03/05/76                  |       |                |
| 0588   | M | WILD | WILD | 18/01/56              | TZW EAST AFRICA            | (WB)  | [0 GEN]                                                                                                                                     | DTT 03         |                      |                           | 0.000 | 1.1.0          |
|        |   |      |      | 14/05/57              | RUHE L NEW YORK            | (P)   | (importer)                                                                                                                                  |                |                      |                           |       |                |
|        |   |      |      | 18/05/57              | DETROIT ZOO                | (P)   | Colo<br>(1.4 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>cause of death)<br>chronic<br>granulomatous<br><b>PNEUMONIA</b> |                | 307                  | 03/10/66                  |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                     | TERMS               | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                               | BREEDER ARKS/NAME/# LOCAL ID      | DATE OF DEATH    | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|----------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------|-------|------------|
| 0589   | F | WILD | WILD | 18/06/55<br>14/05/57<br>18/05/57 | TZN EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>DETROIT ZOO (P) | (WB)<br>(P)<br>(P)  | [0 GEN]<br>(importer)<br>Manda<br>(1.11 ys on arrival)<br>(subsequent report)<br>Prolapsus uteri<br>EKSANGUINATION-<br>had given birth<br>to 0590                                                          | DTT 04<br><br>308                 | <br><br>11/11/84 | 0.000 | 1.1.0      |
| 0590   | F | 0588 | 0589 | 01/11/54                         | DETROIT ZOO                                                    | (B)                 | [1st GEN] Beulah (HR)<br>(subsequent report)<br>(source Rookmaker:<br>cause of death)<br>PERFORATION<br>of stomach<br>EKSANGUINATION                                                                       | DTT 06 none                       | <br><br>19/03/85 | 0.000 | 0.0.0      |
| 0591   | F | 0395 | 0351 | 13/05/96<br>13/05/96<br>07/10/98 | MIAMI METROZOO<br>LOS ANGELES ZOO<br>JACKSONVILLE              | (BL)<br>(LO)<br>(L) | [2nd GEN] Keesha<br>Keesha<br>Keesha<br>severe<br>HAEMORRHAGIC<br>ENTERITIS                                                                                                                                | MIA 13 M01943<br>005046<br>898129 | <br><br>19/03/01 | 0.000 | 0.0.0      |
| 0592   | F | UNKN | UNKN | 06/06/50<br>06/08/55<br>04/06/58 | BIRTH TYPE UNKN<br>CIR RINGLING FL<br>MEMPHIS ZOO              | (UB)<br>(P)<br>(P)  | [0?GEN]<br>Li<br>Li<br>(8.0 ys on arrival at MEM)<br>(subsequent report)<br>(source Rookmaker:<br>date of arrival at<br>Ringling)<br>PULMONARY TB/<br>Balantidium coli-<br>Infection in<br>large intestine | MEM 01<br><br>none<br>H0538       | <br><br>29/03/88 |       | 0.0.0      |
| 0593   | M | 0182 | 0374 | 24/01/96                         | KAGOYA HIGASHIY                                                | (B)                 | [2nd GEN] Myiru                                                                                                                                                                                            | HGO 11 none                       |                  | 0.250 | 0.0.0      |
| 0594   | F | WILD | WILD | 09/09/52<br>09/09/54             | KNY EAST AFRICA<br>KAGOYA HIGASHIY                             | (WB)<br>(P)         | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no AUTOPSY                                                                                                          | HGO 01<br><br>none                | <br><br>08/08/58 | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                     | TERMS              | GENERATION/<br>MOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                      | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------|----------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0595   | F | 0238 | 0237 | 16/07/77                         | NAGOYA HIGASHIY                                                | (S)                | [1st GEN] no name<br>(subsequent report)<br>UNK MEANS-<br>no AUTOPSY                                                                                                                         | NGO 07         | none                 | 31/08/77         | 0.000 | 0.0.0          |
| 0596   | F | WILD | WILD | 24/11/54<br>24/11/56             | KNY EAST AFRICA (WB)<br>FUKUOKA MUN ZOO (P)                    | (WB)<br>(P)        | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>cause of death)<br>mortal INJURIES-<br>fell into moat-<br>was pregnant-<br>re subs. reg. 0406 | FUK 01         | none                 | 15/09/65         | 0.000 | 0.0.1          |
| 0597   | M | WILD | WILD | 31/03/56<br>31/03/58             | KNY EAST AFRICA (WB)<br>FUKUOKA MUN ZOO (P)                    | (WB)<br>(P)        | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no AUTOPSY                                                                                            | FUK 03         | none                 | 01/01/73         | 0.000 | 0.0.0          |
| 0598   | F | WILD | WILD | 25/07/58<br>23/07/60<br>25/07/60 | KNY EAST AFRICA (WB)<br>KYOKUTO BOEKI (P)<br>OSAKA TENNOJI (P) | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>02<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>cause of death)<br>GASTRITIS/<br>ENTERITIS                                           | OSA 02         | 390                  | 03/01/61         | 0.000 | 0.0.0          |
| 0599   | M | WILD | WILD | 25/06/61<br>25/06/63             | KNY EAST AFRICA (WB)<br>HIMEJI CTR PARK (P)                    | (WB)<br>(P)        | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>PNEUMONIA                                                                                                           | HIM 01         | none                 | 30/04/66         | 0.000 | 0.0.0          |
| 0600   | F | WILD | WILD | 20/11/61<br>20/11/63             | KNY EAST AFRICA (WB)<br>ISHIKAWA ZOO (P)                       | (WB)<br>(P)        | [0 GEN]<br>(Kanazawa) no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no AUTOPSY                                                                                 | IKW 01         | none                 | 24/05/84         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

## STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                              | TERMS | GENERATION/ BREEDER ARKS/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                         | DATE OF FCOEF OFF-NAME/ LOCAL ID | DEATH | SPRING                  |
|--------|---|------|------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------|-------------------------|
| 0601   | M | WILD | WILD | 22/05/71<br>22/05/73                                     | KNY EAST AFRICA (WB)<br>KAGOSH HIRAKAWA (P)                                                             |       | [0 GEN]<br>10 name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>HAEMORRHAGIC ENTERITIS                                                      | KAG 02<br>none                   |       | 0.000 0.0.0<br>26/03/76 |
| 0602   | F | 0323 | 0185 | 19/03/83                                                 | HITACHI KAMINE (B)                                                                                      |       | [1st GEN]<br>(subsequent report)<br>Post partum-HYPOSTHENIC                                                                                          | HIT 04<br>none                   |       | 0.000 0.0.0<br>19/03/83 |
| 0603   | M | 0323 | 0185 | 06/06/84                                                 | HITACHI KAMINE (B)                                                                                      |       | [1st GEN] TWIN<br>(subsequent report)<br>STILLBIRTH                                                                                                  | HIT 05<br>none                   |       | 0.000 0.0.0<br>08/06/84 |
| 0604   | M | 0323 | 0185 | 08/06/84                                                 | HITACHI KAMINE (B)                                                                                      |       | [1st GEN] TWIN<br>(subsequent report)<br>Post partum-HYPOSTHENIC                                                                                     | HIT 06<br>none                   |       | 0.000 0.0.0<br>08/06/84 |
| 0605   | M | WILD | WILD | 03/08/47<br>30/06/52<br>03/08/52                         | KNY EAST AFRICA (WB)<br>CARR-HARTL MAIR (P)<br>TKY UENO ZOO (P)                                         |       | [0 GEN]<br>(exporter)<br>Saitaro<br>(5.0 ys on arrival)<br>(subsequent report)<br>severe CONSTIPATION                                                | TYO 01<br>none                   |       | 0.000 0.0.0<br>26/10/84 |
| 0606   | F | WILD | WILD | 03/05/54<br>30/03/56<br>03/05/56                         | KNY EAST AFRICA (WB)<br>CARR-HARTL MAIR (P)<br>TKY UENO ZOO (P)                                         |       | [0 GEN]<br>(exporter)<br>Rough-Skin<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>chronic<br>GASTRIC ULCERS                                  | TYO 02<br>none                   |       | 0.000 0.0.0<br>14/12/56 |
| 0607   | F | WILD | WILD | 22/02/55<br>20/05/57<br>22/05/57<br>26/07/55<br>29/07/55 | KNY EAST AFRICA (WB)<br>CARR-HARTL MAIR (P)<br>TKY UENO ZOO (P)<br>KEIHIN YOKOHAMA (P)<br>PUSAN ZOO (P) |       | [0 GEN]<br>(exporter)<br>Kuru<br>(dt of dpt)<br>(S Korea)<br>(est. 2.0 ys on arrival at TYO)<br>(subsequent report)<br>PATE UNK-<br>removed from STB | TYO 03<br>none<br>none           |       | 0.000 0.0.0<br>29/07/80 |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | DAM    | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                 | TERMS                      | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                        | BREEDER ARKS/ NAME/ LOCAL ID   | DATE OF FCOEF OFF-DEATH | SPRING |
|--------|----|--------|----------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|--------|
| 0608   | M  | WILD   | 22/11/55<br>22/11/57                         | KNY EAST AFRICA (WB)<br>SAPP MARUYAMA Z (P)                                                | (WB)<br>(P)                | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>ANAEEMIA                                                                     | SAP 01<br>none                 | 0.000                   | 0.0.0  |
| 0609   | re | indoor |                                              |                                                                                            |                            |                                                                                                                                                       |                                | 19/05/62                |        |
| 0610   | M  | 0609   | 18/02/55<br>04/07/61                         | BERLIN ZOO<br>LEIPZIG ZOO                                                                  | (B)<br>(L)                 | [1st GEN] Ndugu<br>Ndugu                                                                                                                              | BE 14 960019<br>unk            | 0.000                   | 0.0.0  |
| 0611   | F  | WILD   | 23/04/64<br>23/04/66<br>08/07/68<br>09/07/68 | KNY EAST AFRICA (WB)<br>NAGOYA HIGASHIY (P)<br>KEIHIN YOKOHAMA (TD)<br>FUKUOKA MUN ZOO (P) | (WB)<br>(P)<br>(TD)<br>(P) | [0 GEN]<br>no name<br>no name<br>no name<br>(est. 2.0 ys on arrival at NGO)<br>(subsequent report)<br>ONCOGENESIS<br>in organs                        | NGO 03<br>none<br>none<br>none | 0.000                   | 0.0.0  |
| 0612   | M  | 0254   | 10/11/82                                     | BUFFALO ZOO                                                                                | (B)                        | [1st GEN]<br>(subsequent report)<br>ABORTUS-<br>3 ms fetus                                                                                            | BUF 03 H90217                  | 0.000                   | 0.0.0  |
| 0613   | F  | WILD   | 14/06/58<br>10/05/60<br>14/06/60             | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)<br>LON-WHIPSNADE (P)                           | (WB)<br>(P)<br>(P)         | [0 GEN]<br>(exporter)<br>(Cat. no. 649)<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>CIRCULATORY:<br>rupture of<br>3rd ventricle<br>in brain | WHI 01<br>none                 | 0.000                   | 0.0.0  |
| 0614   | M  | WILD   | 14/06/58<br>10/05/60<br>14/06/60             | KNY EAST AFRICA (WB)<br>SEAGO J NAIROBI (P)<br>LON-WHIPSNADE (P)                           | (WB)<br>(P)<br>(P)         | [0 GEN]<br>(exporter)<br>(Cat. no. 649)<br>(est. 2.0 ys on arrival)<br>(subsequent report)<br>NEPHRITIS                                               | WHI 02<br>none                 | 0.000                   | 0.0.0  |
| 0615   | F  | 0254   | 21/07/76                                     | BOSTON FRANKLIN (B)                                                                        | (B)                        | [1st GEN] Tudi<br>(subsequent report)<br>would not nurse-<br>UNSUCCESSFUL BR                                                                          | BOS 04 76F879                  | 0.300                   | 0.0.0  |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                              | TERMS                     | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                                                | BREEDER NAME/<br>LOCAL ID  | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------|-------|------------|
| 0516   | F | 0346 | 0183 | 25/06/95                                     | OSAKA TENKOUJI                                                                          | (B)                       | [2nd GEN] 11-Sato<br>RENAL FAILURE-<br>attacked by Dam                                                                                                                                                                 | OSA 03 399                 | 26/06/98      | 0.000 | 0.0.0      |
| 0517   | F | WILD | WILD | 15/04/71<br>29/02/72<br>15/04/74<br>15/04/74 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>IAE FERNDALDE (P)<br>POWELL COLUMBUS (P) | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN]<br>(Stanton Hugh) (exporter)<br>(importer)<br>no name<br>(3.0 ys on arrival)<br>(subsequent registration)<br>multiple severe<br>GASTRIC EROSIONS/<br>acute<br>CATARRHAL ENTERITIS/<br>susp.<br>STRESS syndrome | POW 02<br><br><br>none     | 20/04/74      | 0.000 | 0.0.0      |
| 0519   | U | 0182 | 0161 | 22/12/72                                     | HIP ASA ZOO                                                                             | PK (B)                    | [1st GEN]<br>(subsequent registration)<br>ABORTUS                                                                                                                                                                      | HIR 03 none                | 22/12/72      | 0.000 | 0.0.0      |
| 0519   | F | 0260 | 0431 | 05/09/95                                     | DVUR KRALOVE                                                                            | (B)                       | [4th GEN] Elba                                                                                                                                                                                                         | DVU 32 058036              |               | 0.000 | 0.0.0      |
| 0520   | M | WILD | WILD | 25/09/49<br>25/08/51<br>19/05/55             | TZN ARUSHA NP<br>NAPLES ZOO<br>CIR D'HIVER F                                            | (WB)<br>(P)<br>(P)        | [0 GEN]<br>Hoil I<br>(Paris)<br>(1.11 ys on arrival at NAP)<br>(subsequent registration)<br>FATE UNK-<br>removed from STB                                                                                              | NAP 01<br><br>none<br>none | 19/05/55      | 0.000 | 0.0.0      |
| 0521   | M | WILD | WILD | 25/09/49<br>25/08/51                         | TZN ARUSHA NP<br>NAPLES ZOO                                                             | (WB)<br>(P)               | [0 GEN]<br>Rino<br>(1.11 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>cause of death)<br>INTESTINAL INFECTION                                                                                  | NAP 02<br><br>none         | 04/11/51      | 0.000 | 0.0.0      |
| 0522   | M | WILD | WILD | 06/10/58<br>01/09/50<br>06/10/50             | KNY EAST AFRICA (WB)<br>RANDALL NAIROBI (P)<br>NAPLES ZOO (P)                           | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(exporter)<br>Hoil II<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>UNK MEANS-<br>no AUTOPSY                                                                                                  | NAP 05<br><br>none         | 24/04/62      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                        | TERMS | GENERATION/HOUSE NAME/PRIMARY CARE OF DEATH                                                                                          | BREEDER ARKS/NAME/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|----|-------|------|----------------------------------|-------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------|-------|------------|
| 0623   | M  | WILD  | WILD | 01/06/54<br>28/05/56<br>01/06/56 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>EVANSVL MESKER (P) |       | [0 GEN]<br>(importer)<br>Peter<br>(2.0 ys on arrival)<br>(subsequent registration)<br>MALIGNANCY<br>of both<br>KIDNEYS               | EVY 01<br><br>none         |               | 0.000 | 0.0.0      |
| 0624   | M  | 0007  | 0008 | 12/09/66                         | HANOVER ZOO                                                       | (B)   | [1st GEN]<br>(subsequent report)<br>STRESS-induced<br>ABORTUS-<br>cause:<br>extreme noise                                            | HAN 04 IV277               |               | 0.000 | 0.0.0      |
| 0625   | F  | 0350  | 0284 | 31/01/92                         | TAIPEI ZOO                                                        | (B)   | [2nd GEN] Ni Chuen<br>Post partum-<br>HYPOSTHENIC                                                                                    | TAZ 01 292                 |               | 0.000 | 0.0.0      |
| 0626   | re | minor |      |                                  |                                                                   |       |                                                                                                                                      |                            |               |       |            |
| 0627   | M  | WILD  | WILD | 10/01/56<br>08/11/56<br>10/12/56 | KNY EAST AFRICA (WB)<br>DEWNER NATROBI (P)<br>BERLIN TIERPARK (P) |       | [0 GEN]<br>(exporter)<br>Thomas<br>(11 ms on arrival)<br>(subsequent report)<br>HAEMOLYTIC ANAEMIA                                   | TI 02<br><br>none          |               | 0.000 | 0.0.0      |
| 0628   | M  | WILD  | WILD | 22/07/57<br>18/07/60<br>22/07/60 | TZN EAST AFRICA (WB)<br>RUHE HANOVER (P)<br>BERLIN TIERPARK (P)   |       | [0 GEN]<br>(importer)<br>no name<br>(3.0 ys on arrival)<br>(subsequent report)<br>(source Bookkeeper:<br>origin)<br>CACHEXIA/ANAEHIA | TI 03<br><br>none          |               | 0.000 | 0.0.0      |
| 0629   | re | minor |      |                                  |                                                                   |       |                                                                                                                                      |                            |               |       |            |
| 0630   | M  | WILD  | WILD | 23/07/27<br>18/07/30<br>22/07/30 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>WASHINGTON ZOO (P) |       | [0 GEN]<br>(importer)<br>Fritz<br>(3.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available                      | WAS 02<br><br>13018        |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----------------------|-------|------------|
| 0631   | M | WILD | WILD | 07/08/45<br>02/08/48<br>07/08/48             | KNY EAST AFRICA (WB)<br>MEEMS BROS NY (P)<br>WASHINGTON NATZOO (P)                    | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>no name<br>(est. 3.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available                                                                              | WAS 03<br><br>20546          | <br><br>12/02/51     | 0.000 | 0.0.0      |
| 0632   | M | WILD | WILD | 16/11/48<br>10/11/51<br>16/11/51             | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>WASHINGTON NATZOO (P)                  | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>no name<br>(est. 3.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available                                                                              | WAS 04<br><br>22310          | <br><br>12/07/57     | 0.000 | 0.0.0      |
| 0633   | F | WILD | WILD | 19/03/11<br>10/07/12<br>10/03/12<br>19/03/12 | TZN EAST AFRICA (WB)<br>SCHULZ OKAHANDJ (P)<br>HASENECK C HBG (P)<br>PHILADELPHIA (P) | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN] (Mt Meru Reg)<br>(exporter)<br>(importer)<br>no name<br>(1.6 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>origin/exporter)<br>UNK MEANS-<br>no AUTOPSY              | PHL 01<br><br><br>(L1)       | <br><br><br>28/03/17 | 0.000 | 0.0.0      |
| 0634   | F | WILD | WILD | 11/05/45<br>05/05/48<br>11/05/48             | KNY EAST AFRICA (WB)<br>MEEMS BROS NY (P)<br>PHILADELPHIA (P)                         | (WB)<br>(P)<br>(P)        | [0 GEN]<br>(importer)<br>Kenya<br>(2.0 ys on arrival)<br>(subsequent registration)<br>TUMOR on<br>mucous membranes<br>of nasal passages<br>causing HAEMORRHAGE<br>ASPIRATION of<br>blood into lungs | PHL 03<br><br>(L3)           | <br><br>12/09/88     | 0.000 | 0.0.0      |
| 0635   | M | WILD | WILD | 02/01/35<br>02/01/35                         | KNY EAST AFRICA (WB)<br>BUEN AIRES ZOO (P)                                            | (WB)<br>(P)               | [0 GEN]<br>Archibaldo I<br>(est. 3.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available                                                                                       | BUE 01<br>none               | <br>09/07/52         | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |   |             |              |          |
|----|-----------------|-------|-------------------|---|-------------|--------------|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L | LOAN IN     | P            | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R | LOAN RETURN | TD           | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D | DONATION IN | TF           | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   |   | 1st?GEN     | PARENTS UNKN |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE    | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                               | TERMS                      | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                | BREEDER NAME/# | ARKS/LOCAL ID                      | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|----|---------|------|----------------------------------------------|--------------------------------------------------------------------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------|---------------|-------|------------|
| 0635   | M  | 0292    | 0330 | 06/10/96<br>06/10/96<br>02/07/99<br>13/12/00 | SAN DIEGO WAP<br>OKLAHOMA CITY<br>NY-BRONX ZOO<br>SIOUX FALLS ZOO        | (BL)<br>(LO)<br>(L)<br>(L) | [2nd GEN] Jubba<br>Jubba<br>Jubba<br>Jubba                                                                                                                                  | SDW 09         | 696516<br>599124<br>991118<br>2465 |               | 0.000 | 0.0.0      |
| 0637   | F  | WILD    | WILD | 26/10/27<br>28/04/29<br>28/10/33             | EAST AFRICA<br>GETZ HOLLND MI<br>CHICAGO BROOKFD                         | (WB)<br>(P)<br>(D)         | [0 GEN]<br>(private zoo)<br>no name<br>(5.0 ys on arrival at CHI)<br>(subsequent report)<br>(source Rookwaater:<br>date Getz)<br>UNK MEANS-<br>no AUTOPSY                   | CHI 01         | none<br>15974                      |               | 0.000 | 0.0.0      |
| 0638   | re | unknown |      |                                              |                                                                          |                            |                                                                                                                                                                             |                |                                    | 09/11/33      |       |            |
| 0639   | M  | WILD    | WILD | 25/08/62<br>01/01/64<br>25/08/64             | KNY EAST AFRICA<br>RUHE HANOVER<br>FRESNO CHAFFEE                        | (WB)<br>(P)<br>(P)         | [0 GEN]<br>(importer)<br>no name<br>(2.0 ys on arrival)<br>(subsequent report)<br>(source Rookwaater:<br>cause of death)<br>BROKEN NECK-<br>horn got caught<br>between bars | FRE 04         | 936881                             |               | 0.000 | 0.0.0      |
| 0640   | M  | 0124    | 0125 | 10/01/66                                     | DENVER ZOO                                                               | (B)                        | [1st GEN]<br>(subsequent report)<br>ABORTUS-<br>7 ms fetus                                                                                                                  | DEN 03         | 660101                             |               | 0.000 | 0.0.0      |
| 0641   | U  | 0005    | 0006 | 31/05/67                                     | FRANKFURT/M ZOO                                                          | (B)                        | [2nd GEN]<br>(subsequent report)<br>ABORTUS                                                                                                                                 | FRA 08         | none                               |               | 0.250 | 0.0.0      |
| 0642   | M  | WILD    | WILD | 24/08/08<br>28/05/09<br>23/08/09<br>24/08/09 | KNY EAST AFRICA<br>MT KNY GAME RCH<br>GOLDSMITH R GER<br>FRANKFURT/M ZOO | (WB)<br>(P)<br>(P)<br>(D)  | [0 GEN]<br>(exporter)<br>(donor)<br>Drucy<br>(1.0 y on arrival)<br>(subsequent report)<br>(source Rookwaater:<br>cause of death)<br>continued next page                     | FRA 01         | 308                                |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|----------|------|------|----------------------------------|------------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0642   |          |      |      |                                  |                                                                  |                    | STARVATION<br>due to<br>shortage of feed<br>during WW I                                                                                                                     |                              | 25/01/17      |       |            |
| 0643   | M        | WILD | WILD | 10/05/25<br>05/05/27<br>10/06/27 | TZN EAST AFRICA (WB)<br>SCHULZ ARUSHA (P)<br>FRANKFURT/M ZOO (P) | (V3)<br>(P)<br>(P) | [0 GEN] (Mt Meru Reg)<br>(exporter)<br>Faru<br>(1.0 y on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>origin/cause of death)<br>PNEUMOPATHY                     | FRA 02<br><br>389            |               | 0.000 | 0.0.0      |
| 0644   | M        | 0276 | 0263 | 27/07/67                         | BEIJING ZOO                                                      | GD (B)             | [1st GEN] no name<br>(subsequent registration)<br>UNK MEANS -<br>no AUTOPSY                                                                                                 | PKG 04 (67-1)                |               | 0.000 | 0.0.0      |
| 0645   | re minor |      |      |                                  |                                                                  |                    |                                                                                                                                                                             |                              | 25/03/45      |       |            |
| 0646   | F        | 0071 | 0072 | 11/03/75                         | COLSPR CHEYENNE                                                  | (B)                | [1st GEN] no name<br>(subsequent report)<br>(too small to nurse-HR)<br>PNEUMONIA                                                                                            | CHN 08 100458                |               | 0.000 | 0.0.0      |
| 0647   | M        | 0071 | 0072 | 01/12/75                         | COLSPR CHEYENNE                                                  | (B)                | [1st GEN] no name<br>(subsequent report)<br>UNK MEANS -<br>no AUTOPSY                                                                                                       | CHN 09 100625                |               | 0.000 | 0.0.0      |
| 0648   | F        | 0071 | 0072 | 08/09/78                         | COLSPR CHEYENNE                                                  | (B)                | [1st GEN]<br>(subsequent report)<br>susp. HYPOSTHENIC                                                                                                                       | CHN 10 10101E                |               | 0.000 | 0.0.0      |
| 0649   | F        | WILD | WILD | 22/10/53<br>20/09/55<br>22/10/55 | TZN EAST AFRICA (WB)<br>DE BEER KENYA (P)<br>CLEVELAND METRO (P) | (WB)<br>(P)<br>(P) | [0 GEN] (Arusha Reg)<br>(exporter)<br>Bertha-MAGGIE<br>(2.0 ys in arrival)<br>(subsequent report)<br>(source Rookmaker:<br>exporter)<br>MALIGNANCY<br>of<br>BLADDER/KIDNEYS | CLE 02<br><br>551010         |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| OB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|----|------------------|------|----------------------------------------------------------|------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0650   | M  | WILD             | WILD | 04/10/30<br>04/10/32<br>04/10/33                         | EAST AFRICA<br>CIR KLUDSKY CZR<br>PRAGUE ZOO                                 | (WB)<br>(P)<br>(P)                | [0 GEN]<br>Max I<br>(3.0 ys on arrival at PRG)<br>(subsequent report)<br>GAS PHEGMON                                                                                            | PRG 01<br>none<br>none       |               | 0.000 | 0.0.0      |
| 0651   | F  | WILD             | WILD | 06/02/39<br>01/01/41<br>06/02/41<br>24/04/47<br>01/05/47 | TZN EAST AFRICA<br>SCHULZ ARUSHA<br>LEIPZIG ZOO<br>ZOOCTR MOSCOW<br>KIEV ZOO | (WB)<br>(P)<br>(P)<br>(TF)<br>(P) | [0 GEN] (Arusha Reg)<br>(exporter)<br>Faru<br>(shipper)<br>FORA<br>(est. 2.0 ys on arrival at LPZ)<br>(subsequent report)<br>(source Rookmaaler:<br>cause of death)<br>VOLVULUS | LPZ 01<br><br>M02671<br>none |               | 0.000 | 0.0.0      |
| 0652   | F  | WILD             | WILD | 07/09/50<br>07/09/53<br>07/09/57                         | EAST AFRICA<br>SANDERSON Y NY<br>GRANBY ZOO                                  | (WB)<br>(P)<br>(D)                | [0 GEN]<br>(private owner)<br>Suzy<br>(7.0 ys on arrival at GRB)<br>(subsequent report-<br>origin assumption)<br>CARDIAC ARREST<br>due to extreme<br>hot weather                | GRB 01<br>none<br>570001     |               | 0.000 | 0.0.0      |
| 0653   | M  | WILD             | WILD | 26/09/92<br>25/09/96                                     | S AFR ADDO NP<br>MAGDEBURG ZOO                                               | (WB)<br>(P)                       | [0 GEN]<br>Madiba<br>(4.0 ys on arrival)                                                                                                                                        | MAG 06<br>560007             |               | 0.000 | 0.0.0      |
| 0654   | re | <del>minor</del> |      |                                                          |                                                                              |                                   |                                                                                                                                                                                 |                              |               |       |            |
| 0655   | M  | WILD             | WILD | 22/06/50<br>18/06/56<br>22/06/56                         | KNY EAST AFRICA<br>RUHE L NEW YORK<br>COLSPR CHEYENNE                        | (WB)<br>(P)<br>(P)                | [0 GEN]<br>(importer)<br>no name<br>(mature on arrival:<br>est. 6.0 ys)<br>(subsequent report)<br>UNK MEANS -<br>no AUTOPSY                                                     | CHN 01<br><br>56N020         |               | 0.000 | 0.0.0      |
| 0656   | F  | WILD             | WILD | 22/06/50<br>18/06/56<br>22/06/56                         | KNY EAST AFRICA<br>RUHE L NEW YORK<br>COLSPR CHEYENNE                        | (WB)<br>(P)<br>(P)                | [0 GEN]<br>(importer)<br>no name<br>continued next page                                                                                                                         | CHN 02<br><br>56N021         |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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| STUD # | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS                 | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                       | BREEDER NAME/S       | ARKS/<br>LOCAL<br>ID       | DATE OF<br>DEATH | FCDEF | OFF-<br>SPRING |
|--------|----|-------|------|----------------------------------|---------------------------------------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|------------------|-------|----------------|
| 0656   |    |       |      | 22/05/57<br>23/08/57             | RUHE HANOVER<br>DRESDEN ZOO                                         | (TD)<br>(TD)          | no name<br>Kigoma<br>(esture on arrival at CHN:<br>est. 6.0 ys)<br>(subsequent report)<br>NEUROPATHIA/<br>CIRCULATORY                                                         |                      | 157053                     | 03/11/81         |       |                |
| 0657   | F  | WILD  | WILD | 21/03/56<br>18/05/57<br>21/05/57 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>COLSPR CHEYENNE (TD) |                       | {0 GEN}<br>(importer)<br>no name<br>(8 ms on arrival)<br>(subsequent report)<br>acute IMPACTION<br>in INTESTINES<br>due to ingestion<br>of large quantities<br>of sand/gravel | CHN 04<br><br>57W023 |                            | 13/10/83         | 0.000 | 0.0.0          |
| 0658   | M  | WILD  | WILD | 20/04/70<br>15/03/71<br>20/10/71 | KNY EAST AFRICA (WB)<br>DEMMEH NAIROBI (P)<br>BEKESB HOWLETTS (P)   |                       | {0 GEN}<br>(exporter)<br>no name<br>(est. 1.6 ys on arrival)<br>(subsequent report)<br>susp.<br>shipping STRESS<br>after-effect                                               | BEK 03<br><br>H71017 |                            | 20/11/71         | 0.000 | 0.0.0          |
| 0659   | M  | 0534  | 0408 | 12/05/55                         | PORT LYPNE                                                          | (B)                   | {2nd GEN} Mweru                                                                                                                                                               | PTL 14               | P96037                     |                  | 0.000 | 0.0.0          |
| 0660   | F  | WILD  | WILD | 17/10/92<br>15/06/96<br>17/10/96 | SOUTH AFRICA (WB)<br>NATIONAL PKS BD (TF)<br>KANSAS CITY ZOO (P)    |                       | {0 GEN}<br>Lucy-GINNY<br>(4.0 ys on arrival)<br>susp.<br>HAEMOLYTIC ANAEMIA-<br>was pregnant-re 0719                                                                          | KSC 04<br><br>102863 |                            | 20/06/99         | 0.000 | 1.0.0          |
| 0661   | re | minor |      |                                  |                                                                     |                       |                                                                                                                                                                               |                      |                            |                  |       |                |
| 0662   | F  | 0252  | 0150 | 03/07/95                         | ZURICH ZOO                                                          | (B)                   | {2nd GEN} wanda                                                                                                                                                               | ZRH 12               | 960005                     |                  | 0.000 | 0.0.0          |
| 0663   | F  | 0318  | 0195 | 21/12/96                         | PORT LYPNE                                                          | (B)                   | {3rd GEN} Ruaha                                                                                                                                                               | PTL 15               | P96048                     |                  | 0.000 | 0.0.0          |
| 0664   | M  | 0377  | 0213 | 16/01/97<br>15/01/97<br>16/09/98 | SAN FRANCISCO<br>CINCINNATI ZOO<br>PITTSBURGH ZOO                   | {BLI}<br>{LOI}<br>{L} | {4th GEN} Ricko<br>Ricko<br>Ricko                                                                                                                                             | SFO 15               | 197001<br>197004<br>101489 |                  | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TO | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS                                                                                                                        | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                  | BREEDER NAME/#          | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------------------|---|------|------|----------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------|----------------------|------------------|-------|----------------|
| 0655               | M | 0232 | 0233 | 25/02/97                         | SAN DIEGO WAP                                                       | (E)                                                                                                                          | [2nd GEN] Jambia                                                             | SDW 10                  | 637072               |                  | 0.000 | 0.0.0          |
| 0656-0672 re minor |   |      |      |                                  |                                                                     |                                                                                                                              |                                                                              |                         |                      |                  |       |                |
| 0673               | F | 0009 | 0220 | 07/08/97                         | BERLIN ZOO                                                          | (B)                                                                                                                          | [1st GEN] Sukari<br>horn FRACTURE;<br>CIRCULATORY<br>COLLAPSE<br>ANAESTHETIC | BE 15                   | 970114               | 23/12/99         | 0.000 | 0.0.0          |
| 0674               | M | WILD | WILD | 05/06/28<br>01/06/30<br>05/06/30 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>DETROIT ZOO (P)      | [0 GEN]<br>(importer)<br>Johnny<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>UNK MEANS -<br>no INFO available | DTT 01                                                                       |                         | none                 | 19/12/56         | 0.000 | 0.0.0          |
| 0675               | F | WILD | WILD | 05/06/28<br>01/06/30<br>05/06/30 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>DETROIT ZOO (P)      | [0 GEN]<br>(importer)<br>Faro<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>TB                                 | DTT 02                                                                       |                         | none                 | 03/06/55         | 0.000 | 0.0.0          |
| 0676               | F | 0349 | 0417 | 04/09/97                         | HANOVER ZOO                                                         | (B)                                                                                                                          | [4th GEN] Saya                                                               | HAN 08                  | IV230                |                  | 0.000 | 0.0.0          |
| 0677               | F | 0376 | 0396 | 26/09/97<br>26/09/97<br>30/06/99 | PTLD OREGON ZOO (BL)<br>CHICAGO BROOKFD (LO)<br>SIOUX FALLS ZOO (L) | [4th GEN] Isara<br>Isara<br>Isara                                                                                            | PTD 01                                                                       | 97044<br>970279<br>2332 |                      |                  | 0.000 | 0.0.0          |
| 0678               | F | 0283 | 0282 | 20/08/97                         | DVUR KRALOVE                                                        | (B)                                                                                                                          | [2nd GEN] Musso                                                              | DVU 33                  | 056037               |                  | 0.000 | 0.0.0          |
| 0679               | F | 0316 | 0194 | 06/06/97                         | PORT LYMPNE                                                         | (B)                                                                                                                          | [3rd GEN]<br>STILLBIRTH                                                      | PTL 16                  | P97037               | 06/06/97         | 0.000 | 0.0.0          |
| 0680               | F | 0430 | 0422 | 16/06/97<br>16/06/97             | CHESTER ZOO<br>FRANKFURT/M ZOO (LO)                                 | (BL)<br>(LO)                                                                                                                 | [3rd GEN] Kitani<br>Kitani                                                   | CHE 08                  | 28489<br>38492       |                  | 0.125 | 0.0.0          |
| 0681 re minor      |   |      |      |                                  |                                                                     |                                                                                                                              |                                                                              |                         |                      |                  |       |                |
| 0682               | M | 0362 | 0359 | 26/07/97<br>26/07/97             | TYLER CALDWELL<br>CINCINNATI ZOO (LO)                               | (BL)<br>(LO)                                                                                                                 | [3rd GEN] Tatu<br>Tatu                                                       | TYL 03                  | 104130<br>137173     |                  | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                        | TERMS               | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                     | BREEDER NAME/LOCAL ID        | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------------------|---|------|------|----------------------------------|-------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0683               | F | WILD | WILD | 02/07/93<br>25/03/97<br>02/07/97 | S AFR ADDO NP<br>NATIONAL PKS BD (TF)<br>CLEVELAND METRO (L)      | (WB)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>Inge<br>(4.0 ys on arrival)                                                                            | CLE 03<br>(*)<br>970703      |               | 0.000 | 0.1.0      |
| 0684               | F | WILD | WILD | 03/10/93<br>01/03/97<br>03/07/97 | S AFR ADDO NP<br>NATIONAL PKS BD (TF)<br>KANSAS CITY ZOO (P)      | (WB)<br>(TF)<br>(P) | [0 GEN]<br>(dt of cpt)<br>Luyisa                                                                                                 | KSC 05<br>97M052             |               | 0.000 | 0.1.0      |
| 0685               | F | 0277 | 0387 | 25/10/97                         | DVUR KRALOVE                                                      | (B)                 | [4th GEN] Jola                                                                                                                   | DVU 34 058038                |               | 0.000 | 0.0.0      |
| 0685-0687 re minor |   |      |      |                                  |                                                                   |                     |                                                                                                                                  |                              |               |       |            |
| 0686               | M | 0450 | 0481 | 08/11/97                         | LEIPZIG ZOO                                                       | (B)                 | [4th GEN] no name<br>INFECTION<br>of intestine                                                                                   | LPZ 03 401979<br>04/01/98    |               | 0.253 | 0.0.0      |
| 0688               | F | 0268 | 0175 | 24/01/98                         | DVUR KRALOVE                                                      | (B)                 | [3rd GEN] Jane Lee                                                                                                               | DVU 35 058039                |               | 0.000 | 0.0.0      |
| 0690               | F | 0525 | 0224 | 10/09/96                         | MYSORE SC2G                                                       | (B)                 | [2nd GEN] Priya                                                                                                                  | MYS 09 98008                 |               | 0.250 | 0.0.0      |
| 0691               | M | 0301 | 0053 | 19/03/97                         | SEDGWICK WICHIT                                                   | (B)                 | [2nd GEN]<br>ABORTUS                                                                                                             | SC2 05 7839<br>19/03/97      |               | 0.000 | 0.0.0      |
| 0692               | F | WILD | WILD | 15/04/71<br>25/02/74<br>15/04/74 | KNY EAST AFRICA (WB)<br>MT KNY GAME RCH (P)<br>IAE PT CLINTON (P) | (WB)<br>(P)<br>(P)  | [0 GEN]<br>(Stanton Hugh) (exporter)<br>no name<br>(3.0 ys on arrival)<br>(subsequent registration)<br>UNK MEANS -<br>no AUTOPSY | IAE 01<br>(none)<br>21/04/74 |               | 0.000 | 0.0.0      |
| 0693               | F | WILD | WILD | 22/05/83<br>22/05/86             | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)                          | (WB)<br>(P)         | [0 GEN]<br>(importer)<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>susp.<br>shipping STRESS<br>after-effect       | RUH 01<br>13/08/86           |               | 0.000 | 0.0.0      |
| 0694               | F | WILD | WILD | 22/05/83<br>22/05/86             | KNY EAST AFRICA (WB)<br>RUHE HANOVER (P)                          | (WB)<br>(P)         | [0 GEN]<br>(importer)<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>susp.<br>shipping STRESS<br>after-effect       | RUH 02<br>07/06/86           |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD<br># | S  | SIRE  | DAM  | DATE OF<br>BIRTH/<br>ARRIVAL                                         | LOCATION OF<br>BIRTH/<br>TRANSFER                                                                                                  | TERMS                                   | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                                                    | BREEDER ARKS/<br>NAME/#<br>LOCAL<br>ID    | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|----|-------|------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------|-------|----------------|
| 0695      | F  | WILD  | WILD | 26/10/37<br>26/10/42                                                 | KNY EAST AFRICA (WB)<br>VIENNA ZOO (P)                                                                                             | (WB)<br>(P)                             | [0 GEN]<br>no name<br>(5.0 ys on arrival)<br>(subsequent registration)<br>(source Bookmaker:<br>all data)<br>SMALLPOX                                                                          | VIE 01<br>none                            |                  | 0.000 | O.O.O          |
|           |    |       |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           | 31/12/67         |       |                |
| 0696      | F  | 0430  | 0312 | 15/08/98                                                             | CHESTER ZOO                                                                                                                        | (B)                                     | [3rd GEN] Manyara                                                                                                                                                                              | CHE 09 26055                              |                  | 0.000 | O.O.O          |
| 0697      | re | minor |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           |                  |       |                |
| 0698      | F  | 0534  | 0455 | 08/09/98                                                             | PORT LYMPNE                                                                                                                        | (B)                                     | [3rd GEN] Tana                                                                                                                                                                                 | PTL 17 P98058                             |                  | 0.000 | O.O.O          |
| 0699      | F  | WILD  | WILD | 25/01/05<br>01/07/05<br>20/05/06<br>25/05/06                         | E AFR UGANDA<br>E AFR USMD GOV<br>RUME L NEW YORK<br>NY-BRONX ZOO                                                                  | (WB)<br>(TF)<br>(P)<br>(P)              | [0 GEN] (Victoria Isld)<br>(dt of cpt)<br>(importer)<br>Victoria<br>(1.4 ys on arrival)<br>(subsequent report)<br>(source Bookmaker:<br>date of capture)<br>UNK MEANS -<br>no INFO available   | NYB 01<br><br><br>(11287)                 |                  | 0.000 | O.O.O          |
|           |    |       |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           | 05/11/31         |       |                |
| 0700      | M  | WILD  | WILD | 01/01/06<br>25/12/06<br>31/12/06                                     | E AFR UGANDA<br>BOURNE F G NY<br>NY-BRONX ZOO                                                                                      | (WB)<br>(P)<br>(D)                      | [0 GEN] (Lk Victoria Reg)<br>(importer)<br>Spoke<br>(11 ms on arrival)<br>(subsequent report)<br>UNK MEANS -<br>no INFO available                                                              | NYB 02<br><br>(11285)                     |                  | 0.000 | O.O.O          |
|           |    |       |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           | 19/02/10         |       |                |
| 0701      | re | minor |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           |                  |       |                |
| 0702      | M  | WILD  | WILD | 01/12/37<br>01/12/38<br>01/01/40<br>10/04/41<br>15/04/41<br>17/04/41 | TZN EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)<br>NY-CENTRAL PARK (L)<br>CATSKILL GM FM (R)<br>TREFFLICH INC NY (P)<br>NY-BRONX ZOO (P) | (WB)<br>(P)<br>(L)<br>(R)<br>(P)<br>(P) | [0 GEN]<br>(Schulz) (dt of cpt)<br>(in from Schulz)<br>(Schulz)<br>Jo<br>(1.0 y at cpt)<br>(subsequent report)<br>(source Bookmaker:<br>age/transfer data)<br>UNK MEANS -<br>no INFO available | NYB 04<br>none<br>none<br>none<br>(11284) |                  | 0.000 | O.O.O          |
|           |    |       |      |                                                                      |                                                                                                                                    |                                         |                                                                                                                                                                                                |                                           | 15/03/54         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | Int?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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|---------------------------|---|------|------|-----------------------|----------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------|---------------|----------|------------|
| 0703                      | F | WILD | WILD | 15/12/20              | TZN EAST AFRICA (WB)       | [0 GEN]                                                                               | (Arusha Reg)                                                                            | LON 03                           |               | 0.000    | 0.0.0      |
|                           |   |      |      | 01/11/22              | LEGRANGE ARUSHA (P)        |                                                                                       | (exporter)                                                                              |                                  |               |          |            |
|                           |   |      |      | 15/12/22              | LON-REGENT'S PK (P)        |                                                                                       | ELIZA or Jane                                                                           | A3031                            |               |          |            |
|                           |   |      |      | 20/12/38              | RUHE MANOVER (TF)          |                                                                                       | (shipper)                                                                               |                                  |               |          |            |
|                           |   |      |      | 21/12/38              | FOCKELMANN HBG (P)         |                                                                                       | Eliza                                                                                   |                                  |               |          |            |
|                           |   |      |      | 21/01/39              | LOC UNK EU (P)             |                                                                                       |                                                                                         |                                  |               |          |            |
|                           |   |      |      |                       |                            |                                                                                       | (est. 2.0 ys on arrival at LON)<br>(subsequent report)<br>FATE UNK-<br>removed from STB |                                  | 21/01/39      |          |            |
| 0704-0705 re <i>minor</i> |   |      |      |                       |                            |                                                                                       |                                                                                         |                                  |               |          |            |
| 0706                      | F | 0363 | 0365 | 15/05/93              | CHICAGO BROOKFD (BL)       | [4th GEN]                                                                             | Kizuri                                                                                  | CHI 18                           | 980091        | 0.000    | 0.0.0      |
|                           |   |      |      | 15/05/98              | CINCINNATI ZOO (LO)        |                                                                                       | Kizuri                                                                                  |                                  | 198135        |          |            |
| 0707                      | F | 0301 | 0053 | 21/04/91              | SEDGWICK WICHIT (B)        | [2nd GEN]                                                                             |                                                                                         | SCZ 02                           | none          | 0.000    | 0.0.0      |
|                           |   |      |      |                       |                            | (subsequent report)                                                                   |                                                                                         |                                  |               |          |            |
|                           |   |      |      |                       |                            | ABORTUS-<br>15 lb fetus-<br>susp. cause:<br>torn amniotic sack                        |                                                                                         |                                  |               | 21/04/91 |            |
| 0708                      | F | 0377 | 0213 | 15/07/98              | SAN FRANCISCO (B)          | [4th GEN]                                                                             | Susan K                                                                                 | SFO 16                           | 198015        | 0.000    | 0.0.0      |
|                           |   |      |      | 10/07/00              | SAN DIEGO WAP (L)          |                                                                                       | Susan K                                                                                 |                                  | 600441        |          |            |
| 0709                      | F | 0301 | 0053 | 23/12/93              | SEDGWICK WICHIT (B)        | [2nd GEN]                                                                             |                                                                                         | SCZ 07                           | 8728          | 0.000    | 0.0.0      |
|                           |   |      |      |                       |                            | generalized TRAUMA-<br>Dam either stepped<br>on infant or pushed<br>it against a wall |                                                                                         |                                  |               | 23/12/98 |            |
| 0710                      | F | 0341 | 0558 | 09/12/98              | PORT LYMPNE (B)            | [4th GEN]                                                                             | Kivu                                                                                    | PTL 18                           | P98083        | 0.000    | 0.0.0      |
| 0711                      | F | 0420 | 0421 | 25/01/99              | YOK KANAZAWA Z (B)         | [2nd GEN]                                                                             | Bibi                                                                                    | KAN 02                           | none          | 0.000    | 0.0.0      |
| 0712                      | F | 0472 | 0434 | 21/05/95              | HITACHI KAMINE (B)         | [3rd GEN]                                                                             | May                                                                                     | HIT 09                           | none          | 0.000    | 0.0.0      |
| 0713                      | M | 0345 | 0163 | 25/05/98              | OSAKA TENNOJI (B)          | [2nd GEN]                                                                             | 12<br>STILLBIRTH                                                                        | OSA 10                           | 400           | 0.000    | 0.0.0      |
|                           |   |      |      |                       |                            |                                                                                       |                                                                                         |                                  |               | 25/06/98 |            |
| 0714                      | M | 0534 | 0194 | 09/02/99              | PORT LYMPNE (B)            | [1st GEN]                                                                             | Nagadi                                                                                  | PTL 19                           | P99015        | 0.000    | 0.0.0      |
| 0715-0716 re <i>minor</i> |   |      |      |                       |                            |                                                                                       |                                                                                         |                                  |               |          |            |
| 0717                      | F | 0395 | 0351 | 02/06/99              | MIAMI METROZOO (B)         | [2nd GEN]                                                                             |                                                                                         | MIA 14                           | none          | 0.000    | 0.0.0      |
|                           |   |      |      |                       |                            |                                                                                       | STILLBIRTH<77 lbs>                                                                      |                                  |               | 02/06/99 |            |
| 0718                      |   |      |      |                       |                            |                                                                                       |                                                                                         |                                  |               |          |            |
| re <i>minor</i>           |   |      |      |                       |                            |                                                                                       |                                                                                         |                                  |               |          |            |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                    | TERMS             | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                        | BREEDER ARKS/NAME/LOCAL ID     | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------------------|---|------|------|----------------------------------|---------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------|-------|------------|
| 0719               | M | 0475 | 0660 | 20/06/99                         | KANSAS CITY ZOO                                               | (B)               | [3rd GEN]<br>pulled dead upon<br>Dam's death-<br>near full-term fetus:<br>MECONIUM ASPIRATION/<br>STRESS in utero                                   | KSC 06 none                    | 20/06/99      | 0.000 | 0.0.0      |
| 0720               | M | 0526 | 0454 | 10/02/99                         | DORTMUND ZOO                                                  | (S)               | [3rd GEN]<br>ABORTUS-<br>4 to 5 mm fetus:<br>total deformity-<br>eventratio intestini/<br>beta-Streptococcus-<br>SEPTICAEMIA                        | DTM 01 none                    | 10/02/99      | 0.125 | 0.0.0      |
| 0721               | U | 0292 | 0233 | 26/04/98                         | SAN DIEGO WAP                                                 | (B)               | [2nd GEN]<br>was pulled upon<br>Dam's death-<br>3rd trimester fetus                                                                                 | SDW 11 none                    | 26/04/98      | 0.000 | 0.0.0      |
| 0722-0725 re minor |   |      |      |                                  |                                                               |                   |                                                                                                                                                     |                                |               |       |            |
| 0726               | M | WILD | WILD | 26/07/46<br>26/07/49             | KNY EAST AFRICA (WB)<br>RIO DE JANEIRO (P)                    | (B)               | [0 GEN]<br>Britador<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available  | RDJ 01<br>none                 | 11/04/58      | 0.000 | 1.2.0      |
| 0727               | F | WILD | WILD | 26/07/47<br>26/07/49             | KNY EAST AFRICA (WB)<br>RIO DE JANEIRO (P)                    | (B)               | [0 GEN]<br>Terssinha<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available | RDJ 02<br>none                 | 29/01/85      | 0.000 | 1.2.0      |
| 0728               | F | 0726 | 0727 | 14/02/54<br>01/01/58<br>01/04/62 | RIO DE JANEIRO (B)<br>SAO PAULO ZOO (L)<br>PTO ALEGRE ZOO (L) | (B)<br>(L)<br>(L) | [1st GEN] Cacareco<br>Cacareco<br>Cacareco<br>continued next page                                                                                   | RDJ 03<br>none<br>none<br>none |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                    | TERMS  | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH                                                                                                                | BREEDER ARKS/ NAME/ LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|---------------------------------------------------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0726   |   |      |      | 01/06/62                         | RIO DE JANEIRO                                                | (R)    | Cacareco<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>UNK MEANS-<br>no INFO available                                                  | none                         | 27/11/62      |       |            |
| 0729   | M | 0726 | 0727 | 19/03/56                         | RIO DE JANEIRO                                                | (B)    | [1st GEN] Quinzinho<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>UNK MEANS-<br>no INFO available                                       | RDJ 04 none                  | 20/09/56      | 0.000 | 0.0.0      |
| 0730   | F | 0726 | 0727 | 20/01/58                         | RIO DE JANEIRO                                                | (B)    | [1st GEN] Pata-Choca<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>UNK MEANS-<br>no INFO available                                      | RDJ 05 none                  | 26/02/61      | 0.000 | 0.0.0      |
| 0731   | F | 0182 | 0492 | 02/08/39                         | HIR ASA ZOO                                                   | PK (B) | [2nd GEN] Honey                                                                                                                                               | HIR 16 none                  |               | 0.250 | 0.0.0      |
| 0732   | F | 0389 | 0397 | 04/10/99<br>04/10/99             | POWELL COLUMBUS (BL)<br>CINCINNATI ZOO (LO)                   | (B)    | [3rd GEN] no name<br>no name<br>(Sired at WIL)<br>EYE TRAUMA<br>inflicted by Dam-<br>died upon surgery<br>for eye injury                                      | POW 04 992052<br>199144      | 23/10/99      | 0.000 | 0.0.0      |
| 0733   | M | WILD | WILD | 15/11/35<br>01/12/35<br>15/05/37 | TZN EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)<br>AMSTEDAM ZOO (P) | (B)    | [0 GEN] (Mt Oldeani)<br>(Schulz)<br>Oldeani-JANI<br>(1.6 yrs on arrival)<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>INFECTION assoc. | AMS 01<br>none<br>none       | 14/04/59      | 0.000 | 0.0.0      |
| 0734   | F | WILD | WILD | 15/11/34<br>01/12/35             | TZN EAST AFRICA (WB)<br>OKAHANDJA ZOO (P)                     | (B)    | [0 GEN] (Mt Oldeani)<br>(Schulz)<br>continued next page                                                                                                       | AMS 02<br>none               |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S  | SIRE  | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS                | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                | BREEDER NAME/# | AKRS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|----|-------|------|-----------------------|----------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0734   |    |       |      | 15/05/37              | AMSTERDAM ZOO              | (P)                  | Farce<br>(2.6 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available        |                | none                 | 01/04/45         |       |                |
| 0735   | F  | WILD  | WILD | 05/06/46              | KNY EAST AFRICA (WB)       | [0 GEN]              | Suze<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>KIDNEY DISEASE                     | AMS 03         | none                 |                  | 0.000 | 0.0.0          |
|        |    |       |      | 05/06/48              | AMSTERDAM ZOO              | (P)                  |                                                                                                                                        |                |                      |                  |       |                |
| 0735   | M  | WILD  | WILD | 02/10/54              | TZN EAST AFRICA (WB)       | [0 GEN] (Arusha Reg) | (importer)                                                                                                                             | AMS 04         |                      |                  | 0.000 | 0.0.0          |
|        |    |       |      | 16/04/57              | HAGENBECK C HBS            | (P)                  | Pongo<br>(5.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available        |                | none                 | 27/10/60         |       |                |
|        |    |       |      | 02/10/59              | AMSTERDAM ZOO              | (P)                  |                                                                                                                                        |                |                      |                  |       |                |
| 0737   | re | minor |      |                       |                            |                      |                                                                                                                                        |                |                      |                  |       |                |
| 0738   | M  | WILD  | WILD | 26/08/52              | KNY EAST AFRICA (WB)       | [0 GEN]              | no name<br>(10 ms on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available       | ANT 001        | none                 |                  | 0.000 | 0.0.0          |
|        |    |       |      | 26/06/53              | ANTWERP ZOO                | (P)                  |                                                                                                                                        |                |                      | 21/02/64         |       |                |
| 0739   | M  | WILD  | WILD | 01/05/56              | KNY EAST AFRICA (WB)       | [0 GEN]              | (exporter)                                                                                                                             | ARN 03         |                      |                  | 0.000 | 0.0.0          |
|        |    |       |      | 01/04/59              | SCHULZ OKAHANDJ            | (P)                  | no name<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available |                | 6031                 | 31/12/64         |       |                |
|        |    |       |      | 01/05/59              | ARNHEM ZOO                 | (P)                  |                                                                                                                                        |                |                      |                  |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TB | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DOMATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S                           | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                            | TERMS              | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                    | BREEDER NAME/# | ARKS/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|-----------------------------|------|------|----------------------------------|-------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------|---------------|-------|------------|
| 0740   | M                           | WILD | WILD | 01/09/59<br>01/09/61             | KNY EAST AFRICA<br>BORAS DJURPARK                     | (WB)<br>(P)        | [0 GEN]<br>Kifaru<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>BLOOD POISONING<br><DT EST>   | BOR 01         | none          | 31/12/81      | 0.000 | 0.0.0      |
| 0741   | M                           | 0555 | 0117 | 01/04/56                         | BUEN AIRES ZOO                                        | (B)                | [1st GEN] no name<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>HYPOSTHENIC-<br>lived a few days                          | BUE 03-2       | none          | 04/04/50      | 0.000 | 0.0.0      |
| 0742   | M                           | WILD | WILD | 31/05/51<br>31/05/53             | EAST AFRICA<br>COLOGNE ZOO                            | (WB)<br>(P)        | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>TB                           | CLG 01         | none          | 28/09/57      | 0.000 | 0.0.0      |
| 0743   | F                           | 0450 | 0481 | 07/05/59                         | LEIPZIG ZOO                                           | (B)                | [4th GEN] Mandi                                                                                                                                 | LPZ 04         | W02619        |               | 0.053 | 0.0.0      |
| 0744   | F                           | WILD | WILD | 08/06/59<br>05/05/61<br>05/06/61 | KNY EAST AFRICA<br>ZEEHANDELAAR NY<br>KANSAS CITY ZOO | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmarker:<br>all data)<br>CARDIAC ARREST | KSC 01-2       | 51W002        | 01/08/61      | 0.000 | 0.0.0      |
| 0745   | M                           | 0247 | 0225 | 17/10/59                         | CINCINNATI ZOO                                        | (B)                | [1st GEN] Eddie                                                                                                                                 | CVG 20         | 199149        |               | 0.000 | 0.0.0      |
| 0746   | U                           | 0055 | 0207 | 28/05/89                         | CINCINNATI ZOO                                        | (B)                | [1st GEN]<br>(subsequent report)<br>STILLBIRTH                                                                                                  | CVG 17-2       | W14067        | 28/08/89      | 0.000 | 0.0.0      |
| 0747   | DELETED identical with 0638 |      |      |                                  |                                                       |                    |                                                                                                                                                 |                |               |               |       |            |
| 0748   | M                           | 0292 | 0239 | 13/05/91                         | SAN DIEGO WAP                                         | (B)                | [3rd GEN]<br>(subsequent registration)<br>was pulled upon<br>Dam's death-<br>1st trimester: fetus                                               | SDW 05-2       | none          | 13/06/91      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD<br># | S  | SIRE  | DAM  | DATE OF<br>BIRTH/<br>ARRIVAL     | LOCATION OF<br>BIRTH/<br>TRANSFER                                    | TERMS       | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                     | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|----|-------|------|----------------------------------|----------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0743      | M  | 0132  | 0181 | 06/10/99                         | HIR ASA ZOOL PK                                                      | (B)         | [1st GEN]<br>ATELECTASIS/<br>RUPTURE of liver                                                                                                                   | HIR 17            | none                 | 06/10/99         | 0.000 | O.O.O          |
| 0750      | M  | 0346  | 0183 | 11/11/99                         | OSAKA TENNOJI                                                        | (B)         | [2nd GEN] 13-Senny<br>(to go to CHESTER, UK)                                                                                                                    | OSA 11            | 401                  |                  | 0.000 | O.O.O          |
| 0751      | re | minor |      |                                  |                                                                      |             |                                                                                                                                                                 |                   |                      |                  |       |                |
| 0752      | F  | WILD  | WILD | 31/05/44<br>28/04/53<br>29/05/53 | ANY EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>WASHINGTON NATZOO (P) | (B)         | [0 GEN]<br><importer><br>Josephine<br><9.0 ys on arrival><br><subsequent report><br>UNK MEANS -<br>no INFO available                                            | WAS 04-3          |                      |                  | 0.000 | O.O.O          |
| 0753      | re | minor |      |                                  |                                                                      |             |                                                                                                                                                                 |                   |                      |                  |       |                |
| 0754      | F  | 0534  | 0342 | 21/08/99                         | PORT LYMPHE                                                          | (B)         | [4th GEN] Rufifi                                                                                                                                                | PTL 20            | P99052               |                  | 0.000 | O.O.O          |
| 0755      | M  | 0534  | 0408 | 29/10/99                         | PORT LYMPHE                                                          | (B)         | [2nd GEN] Zambezi                                                                                                                                               | PTL 21            | P99082               |                  | 0.000 | O.O.O          |
| 0755      | F  | 0534  | 0195 | 22/11/99                         | PORT LYMPHE                                                          | (B)         | [1st GEN] Galana<br>IMPACTION of<br>stomach with appr.<br>5 lbs lucerne<br>undergoing<br>fermentation -<br>INFLAMMATION of<br>SMALL INTESTINE                   | PTL 22            | P99089               | 04/03/00         | 0.000 | O.O.O          |
| 0757      | M  | 0223  | 0224 | 24/11/86<br>31/12/90             | MYSORE SCZG<br>LOC UNK ASIA                                          | (B)<br>(TD) | [2nd GEN] Mara<br><to Baroda Zoo?><br><subsequent registration><br><source Rookweaker:<br>all data><br>MYS 07.2001:<br>info on whereabouts<br>will be submitted | MYS 06-3 880001   |                      |                  | 0.250 | O.O.O          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DOMATION IN  | TF | TRANSFER |
|    |                 | O?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0758   | M | WILD | WILD | 01/05/49<br>01/05/51             | TZN EAST AFRICA (WB)<br>ARNHEM ZOO                   | (WB)<br>(P)        | [0 GEN] (Arusha Reg)<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwaker:<br>all data)<br>COLIC                                        | ARN 01            | 6085                 | 01/10/58         | 0.000 | 0.0.0          |
| 0759   | F | WILD | WILD | 01/05/49<br>01/05/51             | TZN EAST AFRICA (WB)<br>ARNHEM ZOO                   | (WB)<br>(P)        | [0 GEN] (Arusha Reg)<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwaker:<br>all data)<br>UNK MEANS-<br>no INFO available<br><DT EST>  | ARN 02            | 6086                 | 31/12/51         | 0.000 | 0.0.0          |
| 0760   | F | WILD | WILD | 01/05/59<br>26/05/51<br>01/05/51 | KNY EAST AFRICA (WB)<br>BRINK SOEST NL<br>ARNHEM ZOO | (WB)<br>(P)<br>(P) | [0 GEN]<br>(importer)<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwaker:<br>all data)<br>UNK MEANS-<br>no INFO available<br><DT EST> | ARN 04            | 6087                 | 31/12/61         | 0.000 | 0.0.0          |
| 0761   | F | 0381 | 0383 | 01/02/00<br>01/02/00             | COLUMBIA RIVERBB<br>LOS ANGELES ZOO (LO)             | (BL)<br>(LO)       | [4th GEN] Circe<br>Circe                                                                                                                                                    | CRB 02            | SJ1880<br>590150     |                  | 0.000 | 0.0.0          |
| 0762   | F | 0363 | 0262 | 25/01/00                         | DVUR KRALOVE                                         | (B)                | [2nd GEN] Salome                                                                                                                                                            | DVU 36            | 058040               |                  | 0.000 | 0.0.0          |
| 0763   | U | 0260 | 0244 | 01/04/95?                        | DVUR KRALOVE                                         | (B)                | [3rd GEN]<br>(subsequent registration)<br>ABORTUS-<br>3 weeks fetus                                                                                                         | DVU 30-2          | none                 | 01/04/95         | 0.000 | 0.0.0          |
| 0764   | F | 0054 | 0055 | 10/06/70                         | OKLAHOMA CITY                                        | (B)                | [2nd GEN]<br>(subsequent report)<br>EXPOSURE-<br>underdeveloped lungs/<br>incomplete diaphragm                                                                              | OKC 01-2          | 902200               | 10/08/70         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|----|-------|------|-----------------------|----------------------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|----------------------|------------------|-------|----------------|
| 0765   | M  | 0054  | 0063 | 06/12/76              | OKLAHOMA CITY              | (B)         | [2nd GEN] (HR)<br>(subsequent report)<br>milk ASPIRATION><br>ASPHYXIA                                                                                                                       | OKC 03-2 616700   |                      | 07/12/76         | 0.000 | 0.0.0          |
| 0766   | M  | 0054  | 0063 | 28/12/79              | OKLAHOMA CITY              | (B)         | [2nd GEN]<br>(subsequent report)<br>STILLBIRTH                                                                                                                                              | OKC 04-2 634908   |                      | 28/12/79         | 0.000 | 0.0.0          |
| 0767   | F  | 0450  | 0436 | 10/01/00              | LEIPZIG ZOO                | (B)         | [4th GEN] no name (HR)                                                                                                                                                                      | LP2 05 W02731     |                      |                  | 0.000 | 0.0.0          |
| 0768   | F  | 0054  | 0055 | 10/10/80              | OKLAHOMA CITY              | (B)         | [2nd GEN]<br>(subsequent report)<br>RESPIRATORY failure                                                                                                                                     | OKC 04-3 906209   |                      | 20/10/80         | 0.000 | 0.0.0          |
| 0769   | M  | 0054  | 0055 | 28/03/84              | OKLAHOMA CITY              | (B)         | [2nd GEN] Buck (HR)<br>(subsequent report)<br>INTERVENTRICULAR<br>septal DEFECT-<br>severe<br>MYOCARDIAL<br>mineralization                                                                  | OKC 05-2 247911   |                      | 14/08/84         | 0.000 | 0.0.0          |
| 0770   | re | minor |      |                       |                            |             |                                                                                                                                                                                             |                   |                      |                  |       |                |
| 0771   | F  | WILD  | WILD | 01/05/25<br>01/05/26  | EAST AFRICA<br>TOLEDO ZOO  | (WB)<br>(P) | [0 GEN]<br>Sada<br>(11 ms on arrival)<br>(subsequent registration)<br>(source Rookwaker;<br>all data)<br>(origin assumption)<br>UNK MEANS-<br>no INFO available                             | TOL 01            | none                 |                  | 0.000 | 0.0.0          |
| 0772   | F  | WILD  | WILD | 01/01/47<br>01/01/48  | EAST AFRICA<br>TOLEDO ZOO  | (WB)<br>(P) | [0 GEN]<br>Susie<br>(est. 1.0 y on arrival)<br>(subsequent registration)<br>(TOL: was alive in 1962-<br>died in the early 60 <sup>th</sup> )<br>UNK MEANS-<br>no INFO available<br><DT EST> | TOL 02            | none                 |                  | 0.000 | 0.0.0          |
|        |    |       |      |                       |                            |             |                                                                                                                                                                                             |                   |                      | 01/03/63         |       |                |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                        | TERMS | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                            | BREEDER NAME/# | ARKS/LOCAL ID    | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------------------|---|------|------|----------------------------------|-------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|---------------|-------|------------|
| 0773               | M | WILD | WILD | 31/05/46<br>28/04/53<br>29/05/53 | KNY EAST AFRICA (WB)<br>HAGENBECK C HBG (P)<br>WASHINGTON ZOO (P) |       | [0 GEN]<br>(importer)<br>no name<br>(est. 7.0 yrs on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available                                 | WAS 04-2       | 23335A           | 12/06/57      | 0.000 | 0.0.0      |
| 0774               | M | 0301 | 0053 | 01/04/00                         | SEGWICK WICHIT (B)                                                |       | [2nd GEN]<br>was pulled upon<br>Dam's death:<br>6 to 7 ms fetus                                                                                         | SCZ 07         | none             | 01/04/00      | 0.000 | 0.0.0      |
| 0775               | M | 0377 | 0213 | 09/04/00<br>09/04/00             | SAN FRANCISCO (BL)<br>CINCINNATI ZOO (LO)                         |       | [4th GEN] Mojadoga<br>Mojadoga                                                                                                                          | SFO 17         | 100004<br>100029 |               | 0.000 | 0.0.0      |
| 0776               | M | 0472 | 0434 | 17/02/00<br>18/06/01             | HITACHI KAMINE (B)<br>TRY UENO ZOO (L)                            |       | [3rd GEN] Marc<br>Marc                                                                                                                                  | HIT 10         | none<br>none     |               | 0.000 | 0.0.0      |
| 0777-0779 re minor |   |      |      |                                  |                                                                   |       |                                                                                                                                                         |                |                  |               |       |            |
| 0780               | F | 0362 | 0359 | 14/06/00                         | TYLER CALDWELL (B)                                                |       | [3rd GEN] Lottie<br>congenital<br>HEART DEFECT                                                                                                          | TYL 04         | 104529           | 02/07/00      | 0.000 | 0.0.0      |
| 0781-0783 re minor |   |      |      |                                  |                                                                   |       |                                                                                                                                                         |                |                  |               |       |            |
| 0784               | F | 0430 | 0634 | 26/05/00                         | KANSAS CITY ZOO (B)                                               |       | [3rd GEN] Kifaru Malika<br>(Rhino Princess)                                                                                                             | KSC 07         | MM0066           |               | 0.000 | 0.0.0      |
| 0785               | F | 0457 | 0583 | 31/05/00                         | CLEVELAND METRO (B)                                               |       | [2nd GEN] Azizi                                                                                                                                         | CLE 04         | MM0581           |               | 0.000 | 0.0.0      |
| 0786               | M | 0432 | 0517 | 29/08/00                         | TAMPA BUSCH GD (B)                                                |       | [4th GEN] Gery                                                                                                                                          | TAM 05         | 61115            |               | 0.000 | 0.0.0      |
| 0787               | F | WILD | WILD | 26/09/07<br>26/02/08             | KNY EAST AFRICA (WB)<br>COLOGNE ZOO (P)                           |       | [0 GEN]<br>no name<br>(5 ms on arrival)<br>(subsequent registration)<br>(source Bookkeeper:<br>all data)<br>UNK MEANS-<br>no INFO available<br>(DT EST) | CLG 001        | none             | 31/12/14      | 0.000 | 0.0.0      |
| 0788               | M | WILD | WILD | 20/05/49<br>10/05/52             | KNY EAST AFRICA (WB)<br>DENNER NAIROBI (P)                        |       | [0 GEN]<br>(exporter)<br>continued next page                                                                                                            | VIE 02         |                  |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

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| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                        | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                           | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------|-------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0788   |   |      |      | 20/08/52                         | VIENNA ZOO                                                        | (P)   | no name<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwasker:<br>all data)<br>UNK MEANS -<br>no INFO available                          |                | none                 | 17/01/53         |       |                |
| 0789   | F | WILD | WILD | 20/08/49<br>10/05/52<br>20/06/52 | KNY EAST AFRICA (WB)<br>DEMME MAIROSI (P)<br>VIENNA ZOO (P)       |       | [0 GEN]<br>(exporter)<br>Molli<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwasker:<br>exporter/house name)<br>MYCOSIS                 | VIE 03         |                      |                  | 0.000 | 0.0.0          |
| 0790   |   |      |      |                                  |                                                                   |       |                                                                                                                                                                   |                |                      |                  |       |                |
| 0791   | F | WILD | WILD | 12/07/52<br>05/07/54<br>12/07/54 | KNY EAST AFRICA (WB)<br>RUHE L NEW YORK (P)<br>NY-PROSPECT PK (P) |       | [0 GEN]<br>(importer)<br>no name<br>(est. 2.0 ys on arrival)<br>(subsequent registration)<br>(source Rookwasker:<br>all data)<br>UNK MEANS -<br>no INFO available | PRO 02         |                      |                  | 0.000 | 0.0.0          |
| 0792   | M | WILD | WILD | 01/01/82<br>01/03/84             | KNY HATHENS RGE (WB)<br>LEWA WDLF CONS (TF)                       |       | [0 GEN]<br>Kikwar<br>(2.2 ys in arrival)<br>mortal INJURIES -<br>fell over a cliff                                                                                | LWC 01         | 2515                 |                  | 0.000 | 0.0.0          |
| 0793   | M | UNKN | UNKN | 01/01/76<br>01/03/84             | SOLIO RANCH KNY (B)<br>LEWA WDLF CONS (TF)                        |       | [1st?GEN] Sopat:<br>Sopat<br>mortal INJURIES -<br>fell over a rock<br>when fighting with<br>Male Kikwar-0792                                                      | LWC 02         | none<br>none         |                  |       | 1.0.1          |
| 0794   | M | UNKN | UNKN | 01/01/75<br>01/03/84             | SOLIO RANCH KNY (B)<br>LEWA WDLF COME (TF)                        |       | [1st?GEN] 01-Payan<br>01-Payan<br>UNK MEANS -<br>no INFO available                                                                                                | LWC 03         | none<br>4523         |                  |       | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|-------|-----------------|
| 0795   | M | WILD | WILD | 01/01/76<br>01/05/80<br>11/03/84<br>16/04/88 | KNY NAIROBI NP (WB)<br>SOLIO RANCH KNY (TF)<br>LEWA WLDLF CONS (TF)<br>KNY MERU NP (TF)     | (WB)<br>(TF)<br>(TF)<br>(TF) | [0 GEN] (Kitencala)<br>Ngoto<br>GODOT<br>Godot<br>(est. 6.2 ys on arrival at LWC)<br>(0.0.1-0810 assumption)<br>reintroduction<br>to WILD-<br>was killed by<br>poachers in Meru<br>(DT EST) | LWC 04<br><br><br><br><br><br>none<br>none<br>none | <br><br><br>31/12/89 | 0.000 | 1.3.0<br>20.0.1 |
| 0796   | M | WILD | WILD | 10/09/83<br>10/10/83<br>17/04/84<br>28/03/86 | KNY AMBOSELI NP (WB)<br>NAIP ORPHANAGE (TF)<br>LEWA WLDLF CONS (TF)<br>OL-PAJETA RANCH (TF) | (WB)<br>(TF)<br>(TF)<br>(TF) | [0 GEN]<br>Morani (in for HR)<br>Morani<br>(Kny) Morani<br>(7 ws on arrival at LWC)<br>to Ol-Pajeta-<br>removed from STB<br>as no STB<br>participant                                        | LWC 05<br><br><br><br><br><br>none<br>none<br>none | <br><br><br>31/12/88 | 0.000 | 0.0.0           |
| 0797   | F | WILD | WILD | 27/04/70<br>06/04/84<br>27/04/84             | KNY SHABA NP (WB)<br>KNY GN WRD DPT (TF)<br>LEWA WLDLF CONS (TF)                            | (WB)<br>(TF)<br>(TF)         | [0 GEN]<br>Shaba (dt of cpt)<br>Shaba<br>(14.0 ys on arrival)<br>mortal INJURIES<br>inflicted by<br>Male Keno-0801                                                                          | LWC 06<br><br><br>2503                             | <br><br>26/05/96     | 0.000 | 2.0.0           |
| 0798   | F | WILD | WILD | 01/01/86<br>01/01/70<br>29/04/84             | KNY MWEIGA REG (WB)<br>SANGARE RCH KNY (TF)<br>LEWA WLDLF CONS (TF)                         | (WB)<br>(TF)<br>(TF)         | [0 GEN]<br>Rongai<br>Rongai<br>(18.3 ys on arrival at LWC)<br>mortal INJURIES-<br>fell from a cliff                                                                                         | LWC 07<br><br><br>2502<br><br>none                 | <br><br>17/09/91     | 0.000 | 0.1.1           |
| 0799   | M | WILD | WILD | 01/04/80<br>29/04/84<br>19/10/86             | KNY MWEIGA REG (WB)<br>LEWA WLDLF CONS (TF)<br>KNY LK MAKURU NP (TF)                        | (WB)<br>(TF)<br>(TF)         | [0 GEN]<br>Anboni<br>Anboni<br>(4.0 ys on arrival)<br>reintroduction<br>to WILD-<br>removed from STB                                                                                        | LWC 08<br><br><br>none<br>none                     | <br><br>31/12/88     | 0.000 | 0.0.0           |

KEY FOR TERMS:

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|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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STUDBOOK POPULATION IN NUMERICAL ORDER

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|--------|---|------|------|----------------------------------|--------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|---------------|-------|------------|
| 0800   | M | WILD | WILD | 01/06/84<br>05/08/84             | KNY MWEIGA<br>LEWA WDLF                          | REG (WB)<br>CONS (TF)         | [0 GEN]<br>Kalele<br>(2 ms on arrival)                                                                                                           | LWC 09<br>2510         |               | 0.000 | 2.6.2      |
| 0801   | M | WILD | WILD | 05/01/81<br>05/08/84<br>04/10/85 | KNY LAISAMIS<br>LEWA WDLF<br>KNY MATHEWS RGE     | REG(WB)<br>CONS (TF)<br>(TF)  | [0 GEN]<br>Keno<br>Keno<br>(3.7 ys on arrival)<br>reintroduction<br>to WILD-<br>mortal INJURIES-<br>fell over a cliff<br>in Mathews              | LWC 10<br>2520<br>none |               | 0.000 | 2.2.0      |
| 0802   | F | WILD | WILD | 05/01/81<br>01/01/82<br>05/08/84 | KNY WYERI FOREST<br>SOLIO RANCH KNY<br>LEWA WDLF | REG(WB)<br>(TF)<br>CONS (TF)  | [0 GEN]<br>Juno<br>Juno<br>(23.7 ys on arrival at LWC)<br>DYSTOCIA-<br>re 0818-Juno's Calf2                                                      | LWC 11<br>none<br>2506 |               | 0.000 | 0.1.1      |
| 0803   | F | WILD | WILD | 10/01/73<br>01/01/78<br>10/09/84 | KNY KISWEZI<br>SOLIO RANCH KNY<br>LEWA WDLF      | REG (WB)<br>(TF)<br>CONS (TF) | [0 GEN]<br>Stumpy<br>Stumpy<br>(est. 11.7 ys on arrival at LWC)                                                                                  | LWC 12<br>none<br>2504 |               | 0.000 | 2.2.1      |
| 0804   | F | UNKN | UNKN | 01/01/73<br>01/10/84             | SOLIO RANCH KNY<br>LEWA WDLF                     | (B)<br>CONS (TF)              | [1st?GEN] Solio<br>Solio                                                                                                                         | LWC 13<br>none<br>2505 |               |       | 0.6.0      |
| 0805   | M | WILD | WILD | 01/01/74<br>14/02/85             | KNY WARGES MNTS<br>LEWA WDLF                     | REG (WB)<br>CONS (TF)         | [0 GEN] (Mathews Rge)<br>Womba<br>(11.1 ys on arrival)<br>mortal INJURIES<br>inflicted by<br>Male Godot-0795                                     | LWC 14<br>none         |               | 0.000 | 0.0.0      |
| 0806   | F | UNKN | 0804 | 15/02/85                         | LEWA WDLF                                        | CONS (B)                      | [2nd?GEN] Samia<br>(Sire at Solio)<br>(HR by A. Herz)<br>mortal INJURIES-<br>fell over a cliff<br>following mating<br>attempts with<br>Keno-0801 | LWC 15<br>2506         |               |       | 1.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | C       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|-------|------|----------------------------------|--------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------|-------|------------|
| 0807   | M | UNKN  | 0803 | 22/03/55                         | LEWA WLDLF CONS                                                    | (B)   | [1st?GEN] Bahati<br>(Sired at Solio)<br>mortal INJURIES<br>inflicted by<br>Male Kelele-0800<br>or Sopat-0793                                     | LWC 16 2511                         | 30/07/90      |       | 0.0.0      |
| 0808   | F | WILD  | WILD | 01/01/80<br>22/04/55             | KNY MT SABACHI (WB)<br>LEWA WLDLF CONS (TF)                        |       | [0 GEN]<br>Sabachi<br><5.3 ys on arrival><br>was attacked by<br>Male Godot-0795<br>receiving INJURIES<br>which resulted in<br>INFECTIOUS ABSCESS | LWC 17<br>2500                      | 07/01/88      | 0.000 | 0.0.0      |
| 0809   | M | 0795  | 0797 | 28/05/86<br>33/05/91             | LEWA WLDLF CONS (B)<br>OL-PAJETA RANCH (TF)                        |       | [1st GEN] Jupiter<br><Kny> Jupiter<br>supp. to have died<br>of UNK MEANS<br><DT EST>                                                             | LWC 18 none<br>none                 | 31/12/91      | 0.000 | 0.0.0      |
| 0810   | U | 07735 | 0798 | 29/01/85                         | LEWA WLDLF CONS (B)                                                |       | [1st GEN] no name<br>(susp. Sire 0795-Godot)<br>(Rongai's 1st calf)<br>UNK MEANS-<br>SB: susp. HYPOSTHENIC                                       | LWC 19 none                         | 02/02/86      | 0.000 | 0.0.0      |
| 0811   | F | 0735  | 0802 | 26/06/85                         | LEWA WLDLF CONS (B)                                                |       | [1st GEN] Juniper                                                                                                                                | LWC 20 2509                         |               | 0.000 | 0.1.1      |
| 0812   | F | 0735  | 0798 | 18/02/88                         | LEWA WLDLF CONS (B)                                                |       | [1st GEN] Jilale<br>STRANGULATION<br>by<br>horizontal branches<br>when attempting<br>to browse                                                   | LWC 21 2513                         | 15/08/97      | 0.000 | 1.0.0      |
| 0813   | F | 0735  | 0804 | 09/03/89                         | LEWA WLDLF CONS (B)                                                |       | [2nd GEN] Zaria                                                                                                                                  | LWC 22 2514                         |               | 0.000 | 2.0.1      |
| 0814   | F | WILD  | WILD | 01/07/88<br>31/10/88<br>01/02/89 | KNY MAKURU NP (WB)<br>SOLIO RANCH KNY (TF)<br>LEWA WLDLF CONS (TF) |       | [0 GEN]<br>Mawingo<br>Mawingo<br><7 ms on arrival at LwC>                                                                                        | LWC 23<br>none<br>507               |               | 0.000 | 1.0.1      |
| 0815   | F | 0800  | 0804 | 23/03/91                         | LEWA WLDLF CONS (B)                                                |       | [2nd GEN] Sonia                                                                                                                                  | LWC 24 2515                         |               | 0.000 | 0.1.0      |
| 0816   | F | 0800  | 0803 | 01/12/91                         | LEWA WLDLF CONS (B)                                                |       | [1st GEN] Nyota                                                                                                                                  | LWC 25 2517                         |               | 0.000 | 0.0.1      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

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|--------|---|------|------|----------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------|------------------|-------|----------------|
| 0817   | M | 0793 | 0797 | 07/02/92                         | LEWA WDLF                                                       | CONS (B)                                                                                                                                                                                | [2nd GEN] Shimba<br>DROWNING<br>in water hole           | LVC 26 2518                            | 15/04/97         | 0.000 | 0.0.0          |
| 0818   | M | 0793 | 0802 | 10/02/92                         | LEWA WDLF                                                       | CONS (B)                                                                                                                                                                                | [2nd GEN] Juno's Calif2<br>INFECTION<br>of umbilicus    | LVC 27 2519                            | 16/02/92         | 0.000 | 0.0.0          |
| 0819   | M | UNKN | UNKN | 19/06/87<br>23/09/93             | OL-JOGI RCH KNY (B)<br>LEWA WDLF CONS (TF)                      | [1st?GEN] Anuri<br>Anuri<br>Sire Ol-Jogi<br>Dam Mama Kali<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant)                                                          | LVC 28 none<br>3508                                     |                                        |                  |       | 0.0.1          |
| 0820   | M | UNKN | UNKN | 12/07/87<br>23/09/93<br>01/01/98 | OL-JOGI RCH KNY (B)<br>LEWA WDLF CONS (TF)<br>KNY TSAYO NP (TF) | [1st?GEN] Akili<br>Akili<br>Akili<br>Sire Ol-Jogi<br>Dam Mama Safi<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant)<br>introduction<br>to WILD-<br>removed from STB | LVC 29 none<br>3502<br>none                             |                                        | 31/12/98         |       | 0.0.0          |
| 0821   | M | UNKN | UNKN | 04/05/85<br>23/09/93             | OL-JOGI RCH KNY (B)<br>LEWA WDLF CONS (TF)                      | [1st?GEN] Ibonga<br>Ibong<br>Sire Ol-Jogi<br>Dam Mama Kali<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant)                                                         | LVC 30 none<br>3507                                     |                                        |                  |       | 0.0.0          |
| 0822   | F | UNKN | UNKN | 01/01/87<br>01/01/94             | SOLIO RANCH KNY (B)<br>LEWA WDLF CONS (TF)                      | [1st?GEN] Mugambi<br>Mugambi<br>CARDIAC ARREST                                                                                                                                          | LVC 32 none<br>2521                                     |                                        | 23/02/94         |       | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| C  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | O?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaelsi*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                          | TERMS               | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                   | BREEDER ARKS/NAME/LOCAL ID  | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|---------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------|---------------|-------|------------|
| 0823   | F | UNKN | UNKN | 01/01/73?<br>01/01/94            | SOLIO RANCH KNY (B)<br>LEWA WLDLF CONS (TF)                         | (B)<br>(TF)         | [1st?GEN] Narasha<br>Narasha<br>(date of birth est.)<br>mortal INJURIES<br>received in fight<br>with Male mate | LWC 33 none<br>2522         | 12/12/94      |       | 0.1.0      |
| 0824   | M | UNKN | UNKN | 01/01/84<br>01/01/86<br>02/02/94 | SOLIO RANCH KNY (B)<br>OL-JOGI RCH KNY (TF)<br>LEWA WLDLF CONS (TF) | (B)<br>(TF)<br>(TF) | [1st?GEN] Melita<br>Melita<br>Melita                                                                           | LWC 34 none<br>none<br>2524 |               |       | 2.1.1      |
| 0825   | F | UNKN | UNKN | 01/01/90<br>02/02/94             | SOLIO RANCH KNY (B)<br>LEWA WLDLF CONS (TF)                         | (B)<br>(TF)         | [1st?GEN] Ndito<br>Ndito                                                                                       | LWC 35 none<br>2523         |               |       | 0.1.0      |
| 0825   | M | 0801 | 0805 | 01/03/94                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [3rd GEN] Samuel<br>(HR by A. Merz)<br>fell over a cliff<br>together with Dam<br>Samia                         | LWC 35 2526                 | 25/11/95      | 0.000 | 0.0.0      |
| 0827   | M | UNKN | UNKN | 01/01/89<br>01/01/91<br>22/03/94 | SOLIO RANCH KNY (B)<br>OL-JOGI RCH KNY (TF)<br>LEWA WLDLF CONS (TF) | (B)<br>(TF)<br>(TF) | [1st?GEN] Mutane<br>Mutane<br>Mutane                                                                           | LWC 37 none<br>none<br>2525 |               |       | 0.0.1      |
| 0828   | F | 0801 | 0823 | 21/09/94                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [2nd GEN] Tasha<br>(Sire Keno-0801 assumption)<br>UNK MEANS -<br>no AUTOPSY                                    | LWC 36 none                 | 21/10/94      | 0.000 | 0.0.0      |
| 0829   | F | 0800 | 0804 | 04/06/95                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [2nd GEN] Waiwai                                                                                               | LWC 39 2528                 |               | 0.000 | 0.0.0      |
| 0830   | M | 0800 | 0803 | 09/10/95                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [1st GEN] Stella                                                                                               | LWC 40 2529                 |               | 0.000 | 0.0.0      |
| 0831   | F | 0801 | 0811 | 25/01/96                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [2nd GEN] Melaya                                                                                               | LWC 41 2530                 |               | 0.000 | 0.0.0      |
| 0832   | M | 0824 | 0813 | 04/06/96                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [3rd GEN] Lucky                                                                                                | LWC 42 2531                 |               | 0.000 | 0.0.0      |
| 0833   | M | 0801 | 0812 | 25/07/97                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [2nd GEN] Oleringori<br>(HR by J. Craig)<br>mortal INJURIES<br>inflicted by<br>Male Amuri-0819                 | LWC 43 2532                 | 08/03/99      | 0.000 | 0.0.0      |
| 0834   | U | 0800 | 0814 | 27/08/97                         | LEWA WLDLF CONS (B)                                                 | (B)                 | [1st GEN] Mavingo's Calf<br>was KILLED<br>by<br>predatory hyenas                                               | LWC 44 none                 | 01/09/97      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                   | TERMS              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                          | BREEDER NAME/ID        | ARKS/<br>LOCAL<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------|--------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------|-------|----------------|
| 0835   | M | UNKN | UNKN | 11/10/83<br>23/09/93             | OL-JOGI RCH KNY<br>LEWA WDLF CONS                            | (B)<br>(TF)        | [1st?GEN] Jamesi<br>JAMES<br>Sire Ol-Jogi<br>Dam Mama Kali<br>at Ol-Jogi Rch<br>(not registered<br>since no STB<br>participant)                                  | LWC 31<br>none<br>3506 |                         |       | 0.1.0          |
| 0836   | F | 0800 | 0804 | 26/06/98                         | LEWA WDLF CONS                                               | (B)                | [2nd GEN] Solio's Calf5                                                                                                                                          | LWC 45<br>2536         |                         | 0.000 | 0.0.0          |
| 0837   | F | 0800 | 0803 | 16/07/98                         | LEWA WDLF CONS                                               | (B)                | [1st GEN] Stumpy's Calf4                                                                                                                                         | LWC 46<br>2533         |                         | 0.000 | 0.0.0          |
| 0838   | F | 0824 | 0815 | 10/09/98                         | LEWA WDLF CONS                                               | (B)                | [3rd GEN] Samia                                                                                                                                                  | LWC 47<br>2534         |                         | 0.000 | 0.0.0          |
| 0839   | M | 0824 | 0813 | 15/09/98                         | LEWA WDLF CONS                                               | (B)                | [3rd GEN] Zaria's Calf2                                                                                                                                          | LWC 48<br>2535         |                         | 0.000 | 0.0.0          |
| 0840   | U | 0819 | 0811 | 23/04/99                         | LEWA WDLF CONS                                               | (B)                | [2nd GEN] Juniper's Calf2                                                                                                                                        | LWC 49<br>2537         |                         | 0.000 | 0.0.0          |
| 0841   | F | 0835 | 0825 | 26/04/99                         | LEWA WDLF CONS                                               | (B)                | [2nd GEN] Wdite's Calf1                                                                                                                                          | LWC 50<br>2538         |                         | 0.000 | 0.0.0          |
| 0842   | U | 0827 | 0816 | 23/09/99                         | LEWA WDLF CONS                                               | (B)                | [2nd GEN] Nyota's Calf1                                                                                                                                          | LWC 51<br>2539         |                         | 0.000 | 0.0.0          |
| 0843   | M | 0800 | 0814 | 24/10/99                         | LEWA WDLF CONS                                               | (B)                | [1st GEN] Omni<br>(HR by J. Craig)<br>LWC: NEW studbook<br>participant since 11.2000<br>re also 0850-0852                                                        | LWC 52<br>2540         |                         | 0.000 | 0.0.0          |
| 0844   | M | WILD | WILD | 11/07/49<br>05/06/52<br>11/07/52 | KNY EAST AFRICA (WB)<br>CARR-HARTL WAIR (P)<br>PARIS ZOO (P) | (WB)<br>(P)<br>(P) | [0 GEN]<br>(exporter)<br>Francois<br>(est. 3.0 ys on arrival)<br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS-<br>no INFO available | PAR 001<br><br>252204  |                         | 0.000 | 0.0.0          |
| 0845   | F | 0528 | 0454 | 23/10/00                         | DORTMUND ZOO                                                 | (B)                | [3rd GEN]<br>STILLBIRTH-<br>full-term fetus<br><39 kg breech delivery><br>susp. cause of death:<br>viral PLACENTITIS                                             | DTM 02<br>none         |                         | 0.125 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Eastern Black rhinoceros - *Diceros bicornis michaeli*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD #             | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                        | TERMS              | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                                     | BREEDER ARKS/NAME/# LOCAL ID | DATE OF DEATH    | FCDEF | OFF-SPRING |
|--------------------|---|------|------|----------------------------------|---------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|-------|------------|
| 0845-0847 re minor |   |      |      |                                  |                                                   |                    |                                                                                                                                                                                                  |                              |                  |       |            |
| 0848               | F | WILD | WILD | 26/10/05<br>18/10/05<br>26/10/05 | TZN EAST AFRICA<br>RUME HANOVER<br>WFOCLAW ZOO    | (WB)<br>(P)<br>(P) | [0 GEN] (Kilimandjaro Reg)<br><importer><br>Salome<br>(1.0 y on arrival)<br><subsequent report><br><source Rookmaker:<br>origin/importer><br>severe COLIC-<br>invagination of<br>SMALL INTESTINE | WRO 001<br><br>H163          | <br><br>07/01/07 | 0.000 | 0.0.0      |
| 0849               | M | WILD | WILD | 06/05/28<br>01/04/31<br>06/05/31 | TZN EAST AFRICA<br>SCHULZ ARUSHA<br>ROTTERDAM ZOO | (WB)<br>(P)<br>(P) | [0 GEN]<br>(exporter)<br>kali<br>(est. 3.0 ys on arrival)<br><subsequent registration><br><source Rookmaker:<br>all data><br>died of UNK MEANS<br>during WW II                                   | ROT 001<br><br>none          | <br><br>03/05/43 | 0.000 | 0.0.0      |
| 0850               | U | 0824 | 0813 | 09/10/00                         | LEWA WLDLF CONS                                   | (B)                | [3rd GEN] Zaria's Calfs                                                                                                                                                                          | LWC 53 2541                  |                  | 0.000 | 0.0.0      |
| 0851               | U | 0900 | 0903 | 10/10/00                         | LEWA WLDLF CONS                                   | (B)                | [1st GEN] Stumpy's Calfs                                                                                                                                                                         | LWC 54 2542                  |                  | 0.000 | 0.0.0      |
| 0852               | F | 0900 | 0804 | 07/11/00                         | LEWA WLDLF CONS                                   | (B)                | [2nd GEN] Nasha                                                                                                                                                                                  | LWC 55 2543                  |                  | 0.000 | 0.0.0      |
| 0853               | M | WILD | WILD | 07/03/10<br>07/03/14             | EAST AFRICA?<br>JOHANNESBURG ZOO                  | (WB)<br>(P)        | [0 GEN]<br>no name<br>(est. 4.0 ys on arrival)<br><subsequent report><br><source Rookmaker:<br>date of arrival/<br>date of death><br>UNK MEANS-<br>no INFO submitted                             | JHB 01<br>3846               | <br><br>21/03/48 | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

| STUD #    | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS                            | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H | BREEDER NAME/#                                                                                                                                                       | ARKS/<br>LOCAL<br>ID   | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|------|------|-----------------------|----------------------------|----------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------|-------|----------------|
| 0854      | F    | WILD | WILD                  | 01/06/21<br>01/06/24       | EAST AFRICA?<br>JOHANNESBURG ZOO | (WB)<br>(P)                                                 | {0 GEN<br>no name<br>(est. 3.0 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>date of arrival/<br>date of death)<br>UNK MEANS -<br>no INFO submitted | JHB 02<br><br>3847     |                  | 0.000 | O.O.O          |
| 0858      |      | re   | minor                 |                            |                                  |                                                             |                                                                                                                                                                      |                        |                  |       |                |
| 0857      | M    | 0283 | 0387                  | 21/12/00                   | DVUR KRALOVE                     | (B)                                                         | [4th GEN] Jereny                                                                                                                                                     | DVU 37 058041          |                  | 0.000 | O.O.O          |
| 0853      |      | re   | minor                 |                            |                                  |                                                             |                                                                                                                                                                      |                        |                  |       |                |
| 0859      | F    | 0473 | 0364                  | 26/01/04                   | SAN ANTONIO ZOO                  | (B)                                                         | [4th GEN] Timu                                                                                                                                                       | STA 08 J01044          |                  | 0.000 | O.O.O          |
| 0860      | F    | 0420 | 0421                  | 26/09/00                   | YOK KANAZAWA Z                   | (B)                                                         | [2nd GEN] Coo                                                                                                                                                        | KAN 03 none            |                  | 0.000 | O.O.O          |
| 0861      | F    | 0349 | 0417                  | 03/03/01<br>03/03/01       | HANOVER ZOO<br>ZURICH ZOO        | (BL)<br>(LO)                                                | [4th GEN] no name<br>no name                                                                                                                                         | HAN 09 IY281<br>A10031 |                  | 0.000 | O.O.O          |
| 0862-0863 |      | re   | minor                 |                            |                                  |                                                             |                                                                                                                                                                      |                        |                  |       |                |
| 0864      | M    | 0432 | 0418                  | 29/07/01                   | TAMPA BUSCH GD                   | (B)                                                         | [3rd GEN] Kayin                                                                                                                                                      | TAM 10 61547           |                  | 0.000 | O.O.O          |
| 0865      | F    | 0450 | 0220                  | 11/08/01                   | BERLIN ZOO                       | (B)                                                         | [4th GEN]<br>STILLBIRTH                                                                                                                                              | BE 16 M20449           | 11/08/01         | 0.000 | O.O.O          |
| 0866      | M    | 0443 | 0492                  | 18/09/01                   | HIR ASA ZOOL PK                  | (B)                                                         | [2nd GEN] Crag                                                                                                                                                       | HIR 18 none            |                  | 0.000 | O.O.O          |
| 0867      | F    | 0346 | 0183                  | 05/09/01                   | OSAKA TENNOJI                    | (B)                                                         | [2nd GEN] 14-name unk                                                                                                                                                | OSA 12 unk             |                  | 0.000 | O.O.O          |

| KEY FOR TERMS: |                 |    |                   |   |             |    |          |
|----------------|-----------------|----|-------------------|---|-------------|----|----------|
| WB             | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| CB             | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB             | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

| 0?GEN | BIRTH TYPE UNKN | 1st?GEN | PARENTS UNKN    |
|-------|-----------------|---------|-----------------|
| 00    | BIRTH TYPE UNKN | 00      | BIRTH TYPE UNKN |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

**INTERNATIONALES ZUCHTBUCH**

**für das Spitzmaulnashorn**

*Diceros bicornis* (Linné, 1758)

**INTERNATIONAL STUDBOOK**

**for the Black rhinoceros**

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**Zuchtbuch-Population des  
Südlichen Spitzmaulashorns numerisch dargestellt**

*Diceros bicornis minor*

**Studbook population of the  
Southern Black rhinoceros in numerical order**

**Compiled by: Hannelore Mercado**

Southern Black rhinoceros - *Diceros bicornis* minor

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                        | TERMS                | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                          | BREEDER NAME/# | ARKS/LOCAL ID  | DATE OF DEATH | FODEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|---------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------|-------|------------|
| 0011   | M | WILD | WILD | 21/08/60<br>15/07/62<br>21/08/63 | SW AFR NAMIBIA<br>OKAHANDJA ZOO<br>AMSTERDAM ZOO  | (WB)<br>(P)<br>(P)   | [0 GEN]<br>(Schulz) (dt of cpt)<br>Jani<br>(3.0 ys on arrival)<br>Clostridium-<br>INFECTION                                           | AMS 07         | none<br>none   |               | 0.000 | 0.0.0      |
| 0073   | F | WILD | WILD | 25/08/62<br>20/07/64<br>25/08/64 | SW AFRICA<br>RUHE HANOVER<br>FRESNO CHAFFEE       | (WB)<br>(P)<br>(P)   | [0 GEN]<br>(importer)<br>Dolly<br>(2.0 ys on arrival)<br>(source FRE 12.1975:<br>origin)<br>CANCER                                    | FRE 03         | none<br>936882 |               | 0.000 | 0.0.0      |
| 0083   | M | WILD | WILD | 15/03/60<br>08/03/63<br>15/03/63 | SW AFR NAMIBIA<br>OKAHANDJA ZOO<br>PRETORIA ZOO   | (WB)<br>(P)<br>(TD)  | [0 GEN] (Outjo Reg)<br>(Schulz)<br>Sondag<br>(est. 3.0 ys on arrival)<br>UNK MEANS -<br>no INFO available                             | PRY 04         | none<br>904463 |               | 0.000 | 1.0.0      |
| 0064   | F | WILD | WILD | 12/04/60<br>08/04/67<br>11/04/67 | S AFR ZIMBABWE<br>RHODES WOLF OPT<br>PRETORIA ZOO | (WB)<br>(TF)<br>(TD) | [0 GEN]<br>Sally<br>(7.0 ys on arrival)<br>LIVER DAMAGE                                                                               | PRY 06         | (*)<br>904465  |               | 0.000 | 1.0.0      |
| 0089   | M | WILD | WILD | 13/08/54<br>01/06/58<br>13/08/59 | SW AFR NAMIBIA<br>OKAHANDJA ZOO<br>MANILA ZOO     | (WB)<br>(P)<br>(P)   | [0 GEN]<br>(Schulz) (dt of cpt)<br>Faro<br>(5.0 ys on arrival)<br>(source Rookwaker:<br>origin)<br>CANCEROUS growths<br>in both lungs | MNL 02         | none<br>none   |               | 0.000 | 0.0.0      |
| 0113   | M | WILD | WILD | 10/12/54<br>10/05/55             | SW AFR ANGOLA<br>LISSEN ZOO                       | (WB)<br>(D)          | [0 GEN] (Curoca Reg)<br>Coroca<br>(6 ms on arrival)<br>(source Rookwaker:<br>origin)<br>UNK MEANS -<br>no INFO available              | LIS 01         | 3004           |               | 0.000 | 3.1.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

## STUDBOOK POPULATION IN NUMERICAL ORDER

| # | STUD | S | SIRE | DAM | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/ HOUSE NAME/ PRIMARY CAUSE OF DEATH | BREEDER ARKS/ NAME/ LOCAL ID | DATE OF DEATH | FCDEF | OFF-SPRING |
|---|------|---|------|-----|-----------------------|----------------------------|-------|------------------------------------------------|------------------------------|---------------|-------|------------|
|---|------|---|------|-----|-----------------------|----------------------------|-------|------------------------------------------------|------------------------------|---------------|-------|------------|

|      |   |      |      |          |                |                        |                              |                             |        |        |       |       |
|------|---|------|------|----------|----------------|------------------------|------------------------------|-----------------------------|--------|--------|-------|-------|
| 0114 | F | WILD | WILD | 0114     | 27/08/55       | SW AFR ANGOLA          | (WB) [1 GEN]                 | no INFO available           | LIS 02 | none   | 0.000 | 3.1.0 |
|      |   |      |      |          | 22/08/58       | RUEE HANOVER           | (P) (importer)               |                             |        |        |       |       |
|      |   |      |      |          | 27/08/58       | LISBON ZOO             | (P) Pola                     | (3.0 ys on arrival)         | 3005   | none   |       |       |
| 0115 | M | WILD | WILD | 0115     | 04/01/64       | SW AFR ANGOLA          | (WB) [1 GEN]                 | no INFO available           | LIS 03 | 3006   | 0.000 | 0.0.0 |
|      |   |      |      |          | 04/06/65       | LISBON ZOO             | (D) Calhambeco               |                             |        | 3006   |       |       |
|      |   |      |      |          | 08/08/67       | SAO PAULO ZOO          | (P) CALHAMBECQUE             | (1.5 ys on arrival at LIS)  |        | 3006   |       |       |
|      |   |      |      |          | 20/10/71       |                        | UNK MEANS -                  | no INFO available           |        |        |       |       |
| 0116 | M | 0113 | 0114 | 22/09/65 | LISBON ZOO     | (B) [1st GEN] Pinoca   |                              |                             | LIS 04 | 3007   | 0.000 | 0.0.0 |
|      |   |      |      |          | 11/04/74       | RUEE EFFUNKENSEN       | (D) Pinoca                   |                             |        | none   |       |       |
| 0136 | M | 0083 | 0054 | 12/11/69 | PRETORIA ZOO   | (B) [1st GEN] Rudolph  | FFANS                        | no AUTOPSY                  | PRY 07 | 50446  | 0.030 | 0.0.0 |
|      |   |      |      |          | 06/09/72       | JOHANNESBURG ZOO       | (D) FFANS                    |                             |        | 3844   |       |       |
|      |   |      |      |          | 25/03/87       |                        | VOLVOLOS                     |                             |        |        |       |       |
| 0165 | M | 0113 | 0114 | 09/01/69 | LISBON ZOO     | (B) [1st GEN] Tobias   | Tobias                       | GLONERCTO-SCLEROSIS         | LIS 05 | 3008   | 0.000 | 0.0.0 |
|      |   |      |      |          | 03/04/72       | SAO LEOPOLDO PK        | (P) Tobias                   |                             |        | none   |       |       |
| 0211 | F | 0113 | 0114 | 02/05/74 | LISBON ZOO     | (B) [1st GEN] Victoria | UNK MEANS -                  | no INFO available           | LIS 06 | 3009   | 0.000 | 0.0.0 |
|      |   |      |      |          | 09/01/83       |                        | UNK MEANS -                  |                             |        |        |       |       |
| 0286 | M | 0113 | 0114 | 26/05/77 | LISBON ZOO     | (B) [1st GEN] Corolia  | STRESS                       | caused by construction work | LIS 07 | 3010   | 0.000 | 0.0.0 |
|      |   |      |      |          | 08/03/90       |                        | STRESS                       |                             |        |        |       |       |
| 0333 | M | WILD | WILD | 04/12/74 | S AFR ZIMBABWE | (WB) [1 GEN]           |                              |                             | LAX 07 |        | 0.000 | 0.0.0 |
|      |   |      |      |          | 04/05/82       | RHODES WOLF DPT        | (TF) (d of cpt est.)         |                             |        |        |       |       |
|      |   |      |      |          | 04/12/82       | LOS ANGELES ZOO        | (P) Gus                      |                             |        | 001078 |       |       |
|      |   |      |      |          | 24/01/94       |                        | HAEWIC/LYMPHATIC/CIRCULATORY |                             |        |        |       |       |
| 0334 | F | WILD | WILD | 03/12/77 | S AFR ZIMBABWE | (WB) [1 GEN]           |                              |                             | LAX 08 |        | 0.000 | 0.1.0 |
|      |   |      |      |          | 04/05/82       | RHODES WOLF DPT        | (TF) (d of cpt est.)         |                             |        |        |       |       |

KEY FOR TERMS:

WB WILD BORN  
B CAPTIVE BORN  
UB BIRTH TYPE UNKN  
LO BREEDING LOAN IN  
LO BREEDING LOAN OUT  
L LOAN IN  
R LOAN RETURN  
D DONATION UNKN  
P PURCHASE  
TF TRADE  
TRANSFER

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis* minor

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                         | TERMS                       | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                      | BREEDER NAME/LOCAL ID | ARKS DATE OF DEATH      | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|--------------------------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------|-------|------------|
| 0334   |   |      |      | 04/12/82<br>01/12/93                         | LOS ANGELES ZOO (P)<br>GLN ROSE FOSSIL (L)                         |                             | Mabel<br>Mabel<br>(5.0 ys on arrival at LAX)<br>SEPTICAEMIA related to malalignment of teeth which built up carter/sever hoof cracks                              |                       | 001079<br>3120          |       |            |
|        |   |      |      |                                              |                                                                    |                             |                                                                                                                                                                   |                       | 18/04/94                |       |            |
| 0335   | F | WILD | 0334 | 21/04/83                                     | LOS ANGELES ZOO (E)                                                |                             | [1st GEN] Shabani-ZOE                                                                                                                                             | LAX 09                | 001155                  | 0.000 | 0.0.0      |
| 0338   | M | WILD | WILD | 03/05/81<br>03/05/83                         | S AFR ADDO NP<br>PRETORIA ZOO                                      | (WB)<br>(TD)                | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>HAEMORRHAGIC ENTERITIS<br>SHOCK                                                                                 | PRY 09                | 904468                  | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                    |                             |                                                                                                                                                                   |                       | 20/12/85                |       |            |
| 0339   | M | WILD | WILD | 03/05/81<br>03/05/83<br>03/05/83<br>30/06/89 | S AFR ADDO NP<br>PRETORIA ZOO<br>PRETORIA 2 POTG<br>MKUZI FALLS SF | (WB)<br>(TD)<br>(TD)<br>(P) | [0 GEN]<br>no name<br>no name<br>(S Afr)<br>(2.0 ys on arrival at PRY)<br>(Sire of 0334 sire)<br>report PRY 10.2000: to Mkuzi<br>no contact established<br>as yet | PRY 10                | 904469<br>P93212<br>unk | 0.000 | 0.1.0      |
| 0340   | F | WILD | WILD | 08/05/81<br>05/05/83                         | S AFR ADDO NP<br>PRETORIA ZOO                                      | (WB)<br>(TD)                | [0 GEN]<br>no name<br>(est. 2.0 ys on arrival)<br>PNEUMONIA                                                                                                       | PRY 11                | 904470                  | 0.000 | 0.0.0      |
|        |   |      |      |                                              |                                                                    |                             |                                                                                                                                                                   |                       | 28/07/83                |       |            |
| 0355   | F | WILD | WILD | 23/05/82<br>20/05/85<br>23/05/85             | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>PYONGYANG ZOO                 | (WB)<br>(TF)<br>(D)         | [0 GEN]<br>(dt est.)<br>(est. 3.0 ys on arrival)                                                                                                                  | PYO 01                | (*)<br>none             | 0.000 | 0.0.0      |
| 0359   | F | WILD | WILD | 23/05/82<br>20/05/85<br>23/05/85             | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>PYONGYANG ZOO                 | (WB)<br>(TF)<br>(D)         | [0 GEN]<br>(dt est.)<br>(est. 3.0 ys on arrival)                                                                                                                  | PYO 02                | (*)<br>none             | 0.000 | 0.0.0      |
| 0370   | M | WILD | WILD | 23/02/82<br>20/05/85<br>23/06/85             | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>PYONGYANG ZOO                 | (WB)<br>(TF)<br>(D)         | [0 GEN]<br>(dt est.)<br>(est. 3.6 ys on arrival)                                                                                                                  | PYO 03                | (*)<br>none             | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                                | LOCATION OF BIRTH/TRANSFER                                                                              | TERMS                                    | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                       | BREEDER NAME/S | ARKS/LOCAL ID                         | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------|---------------|-------|------------|
| 0371   | M | WILD | WILD | 23/02/82<br>20/05/85<br>23/08/85                                     | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>PYONGYANG ZOO                                                      | (WB)<br>(TF)<br>(D)                      | [0 GEN]<br>(dt est.)<br><br>(est. 3.6 ys on arrival)<br>PYO: Status of 11.1986 -<br>no response to<br>numerous status<br>inquiries | PYO 04         |                                       |               | 0.000 | 0.0.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>none                           |               |       |            |
| 0378   | M | WILD | WILD | 24/03/72<br>10/01/82<br>20/03/82<br>24/03/84<br>18/07/95             | S AFR MKUZI RES<br>NATAL PARKS BD<br>TOUCHSTN GM RCH<br>LINN LACOMA RCH<br>EL COYOTE RANCH              | (WB)<br>(TF)<br>(P)<br>(P)<br>(L)        | [0 GEN]<br>(dt of cpt)<br>(Herwood R TYL)<br>Macho<br>Macho<br>(12.0 ys on arrival at LIN)                                         | LIN 01         |                                       |               | 0.000 | 6.6.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>none<br>900E<br>none           |               |       |            |
| 0379   | F | WILD | WILD | 24/03/72<br>10/01/82<br>20/03/82<br>24/03/84<br>18/07/95<br>26/04/00 | UMFOLOZI GM RES<br>NATAL PARKS BD<br>TOUCHSTN GM RCH<br>LINN LACOMA RCH<br>FORT WORTH ZOO<br>DALLAS ZOO | (WB)<br>(TF)<br>(P)<br>(P)<br>(L)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(Herwood R TYL)<br>Chula<br>Chula<br>Chula<br>(12.0 ys on arrival at LIN)                                | LIN 02         |                                       |               | 0.000 | 2.2.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>none<br>900E<br>120E<br>000205 |               |       |            |
| 0380   | M | 0378 | 0379 | 28/07/87                                                             | LINN LACOMA RCH                                                                                         | (B)                                      | [1st GEN]<br>viral<br>INFECTION in<br>LOWER INTESTINE                                                                              | LIN 04         | none                                  | 28/07/87      | 0.000 | 0.0.0      |
| 0390   | M | WILD | WILD | 15/05/86<br>10/12/86<br>15/12/87                                     | HLUHLUWE GM RES<br>NATAL PARKS BD<br>SAN DIEGO ZOO                                                      | (WB)<br>(TF)<br>(D)                      | [0 GEN]<br>(dt of cpt)<br>Gundwane<br>(1.7 ys on arrival)                                                                          | SDZ 04         |                                       |               | 0.000 | 2.1.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>587408                         |               |       |            |
| 0392   | F | WILD | WILD | 18/03/86<br>16/03/89<br>18/07/89                                     | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>SAN DIEGO ZOO                                                      | (WB)<br>(TF)<br>(L)                      | [0 GEN] (Zambezi RYL)<br>(dt of cpt)<br>Chirundu<br>(3.4 ys on arrival)                                                            | SDZ 05         |                                       |               | 0.000 | 2.1.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>589275                         |               |       |            |
| 0393   | F | WILD | WILD | 31/12/86<br>10/01/89<br>17/07/89                                     | ZBW MANAPOOL NP<br>RHODES WOLF DPT<br>FRANKFURT/M ZOO                                                   | (WB)<br>(TF)<br>(D)                      | [0 GEN]<br>(dt of cpt est.)<br>FRA 05-Tsororo<br>(2.7 ys on arrival)                                                               | FRA 11         |                                       |               | 0.000 | 0.2.0      |
|        |   |      |      |                                                                      |                                                                                                         |                                          |                                                                                                                                    |                | (*)<br>22109                          |               |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis* minor

## STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                      | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                 | BREEDER<br>NAME/# | ARKS/<br>LOCAL<br>ID         | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------------------------------|-------------------|------------------------------|------------------|-------|----------------|
| 0394   | M | WILD | WILD | 12/07/85<br>10/01/89<br>17/07/89                         | ZBW HARONGORA NP(WB)<br>RHODES WOLF DPT (TF)<br>FRANKFURT/W ZOO (D)                                             |       | [3 GEN]<br>(dt of cpt est.)<br>FRA 06-Kalusho<br>(3.0 ys on arrival)                                        | FRA 12            |                              |                  | 0.000 | 0.2.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (*)<br>22108                 |                  |       |                |
| 0399   | M | WILD | WILD | 15/07/82<br>14/04/89<br>15/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>DALLAS ZOO (L)                                                   |       | [3 GEN] (Zambezi RVL)<br>(dt of cpt)<br>Nyakasikana<br>(7.0 ys on arrival)<br>(source Rookwaker:<br>origin) | DAL 04            |                              |                  | 0.000 | 2.0.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (10)<br>896576               |                  |       |                |
| 0400   | F | WILD | WILD | 15/07/74<br>14/04/89<br>15/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>DALLAS ZOO (L)                                                   |       | [3 GEN] (Zambezi RVL)<br>(dt of cpt)<br>Mabonzu<br>(15.0 ys on arrival)<br>(source Rookwaker:<br>origin)    | DAL 05            |                              |                  | 0.000 | 1.1.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (12)<br>896577               |                  |       |                |
|        |   |      |      |                                                          |                                                                                                                 |       | DISORDERED<br>METABOLISM                                                                                    |                   |                              | 22/03/95         |       |                |
| 0401   | M | WILD | WILD | 17/07/85<br>30/04/89<br>15/07/89<br>27/07/91<br>18/07/95 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>FORT WORTH ZOO (L)<br>EL COYOTE RANCH (L)<br>GLN ROSE FOSSIL (L) |       | [3 GEN]<br>(dt of cpt)<br>Gota Gota<br>Gota Gota<br>Gota Gota<br>(4.0 ys on arrival at FOW)                 | FOW 03            |                              |                  | 0.000 | 1.4.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (*)<br>714<br>none<br>9121   |                  |       |                |
| 0402   | F | WILD | WILD | 15/07/79<br>30/04/89<br>15/07/89<br>06/01/92<br>19/07/95 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>FORT WORTH ZOO (L)<br>LINN LACOMA RCH (L)<br>YULEE WHITE OAK (L) |       | [3 GEN]<br>(dt of cpt)<br>Ngwete<br>Ngwete<br>Ngwete<br>(10.0 ys on arrival at FOW)                         | FOW 04            |                              |                  | 0.000 | 3.1.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (*)<br>715<br>0402<br>950340 |                  |       |                |
| 0403   | M | WILD | 0402 | 16/08/89<br>23/06/97                                     | FORT WORTH ZOO (B)<br>DISNEY'S AN KGD (L)                                                                       |       | [1st GEN] Harry<br>Harry                                                                                    | FOW 05            | 716<br>970094                |                  | 0.000 | 0.0.0          |
| 0404   | M | WILD | WILD | 19/07/84<br>12/04/89<br>18/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>MILWAUKEE ZOO (L)                                                |       | [3 GEN]<br>(dt of cpt)<br>Brewster<br>(5.0 ys on arrival)                                                   | MKE 01            |                              |                  | 0.000 | 2.1.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (*)<br>3371                  |                  |       |                |
| 0405   | F | WILD | WILD | 20/07/81<br>12/04/89<br>18/07/89                         | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>MILWAUKEE ZOO (L)                                                |       | [3 GEN]<br>(dt of cpt)<br>Barley<br>(2.0 ys on arrival)                                                     | MKE 02            |                              |                  | 0.000 | 2.1.0          |
|        |   |      |      |                                                          |                                                                                                                 |       |                                                                                                             |                   | (*)<br>3372                  |                  |       |                |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

## STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE                        | DAM  | DATE OF BIRTH/ARRIVAL                                                                                             | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH | BREEDER NAME/LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|-----------------------------|------|-------------------------------------------------------------------------------------------------------------------|----------------------------|-------|----------------------------------------------|-----------------------|---------------|-------|------------|
| 0407   |   | DELETED identical with 0392 |      |                                                                                                                   |                            |       |                                              |                       |               |       |            |
| 0410   | F | WILD                        | WILD | 17/05/83                                                                                                          | S AFR NATAL                | (WB)  | [0 GEN]                                      | LIN 06                |               | 0.000 | 4.1.0      |
|        |   |                             |      | 10/05/87                                                                                                          | TOUCHSTN GW RCH            | (P)   | (Herwood R TVL)                              | none                  |               |       |            |
|        |   |                             |      | 17/05/89                                                                                                          | LINN LACOMA RCH            | (P)   | Thombi                                       | 410                   |               |       |            |
|        |   |                             |      | 19/07/95                                                                                                          | YULEE WHITE OAK            | (L)   | Thombi                                       | 950339                |               |       |            |
|        |   |                             |      | (6.0 ys on arrival at LIN)                                                                                        |                            |       |                                              |                       |               |       |            |
| 0411   | F | 0378                        | 0379 | 28/02/89                                                                                                          | LINN LACOMA RCH            | (BL)  | [1st GEN] Mtoto                              | LIN 05                | 0411          | 0.000 | 0.0.0      |
|        |   |                             |      | 29/02/89                                                                                                          | FORT WORTH ZOO             | (LO)  | Mtoto                                        | 798                   |               |       |            |
|        |   |                             |      | 19/12/91                                                                                                          | FORT WORTH ZOO             | (R)   | Mtoto                                        | 798                   |               |       |            |
| 0412   | F | WILD                        | WILD | 15/07/85                                                                                                          | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                      | LIN 07                |               | 0.000 | 0.0.0      |
|        |   |                             |      | 30/04/89                                                                                                          | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                  | (*)                   |               |       |            |
|        |   |                             |      | 15/07/89                                                                                                          | LINN LACOMA RCH            | (P)   | Marongora                                    | none                  |               |       |            |
|        |   |                             |      | (4.0 ys on arrival)                                                                                               |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | ENTERITIS of unk etiology/parasitic PNEUMONIA/acute mild HEPATOPATHY/INTERSTITIAL NEPHRITIS/ulcerative STOMATITIS |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | 10/10/89                                                                                                          |                            |       |                                              |                       |               |       |            |
| 0413   | M | WILD                        | WILD | 16/07/82                                                                                                          | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                      | COY 01                |               | 0.000 | 0.0.0      |
|        |   |                             |      | 30/04/89                                                                                                          | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                  | (*)                   |               |       |            |
|        |   |                             |      | 16/07/89                                                                                                          | EL COYOTE RANCH            | (P)   | Agripa Nhamo                                 | none                  |               |       |            |
|        |   |                             |      | (7.0 ys on arrival)                                                                                               |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | severe hepatocellular BILE CHOLESTASIS                                                                            |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | 10/10/89                                                                                                          |                            |       |                                              |                       |               |       |            |
| 0414   | F | WILD                        | WILD | 15/07/84                                                                                                          | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                      | COY 02                |               | 0.000 | 1.2.0      |
|        |   |                             |      | 30/04/89                                                                                                          | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                  | (*)                   |               |       |            |
|        |   |                             |      | 16/07/89                                                                                                          | EL COYOTE RANCH            | (P)   | Chinjuku-VICTORIA                            | none                  |               |       |            |
|        |   |                             |      | (5.0 ys on arrival)                                                                                               |                            |       |                                              |                       |               |       |            |
| 0415   | F | WILD                        | WILD | 25/03/86                                                                                                          | UMFOLOZI GW RES            | (WB)  | [0 GEN]                                      | MZL 01                |               | 0.000 | 0.0.0      |
|        |   |                             |      | 01/03/83                                                                                                          | NATAL PARKS BD             | (TF)  | (dt of cpt)                                  | (*)                   |               |       |            |
|        |   |                             |      | 25/03/84                                                                                                          | MANTZELL RCH TX            | (P)   | Makin                                        | none                  |               |       |            |
|        |   |                             |      | (4.0 ys on arrival)                                                                                               |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | (source Rookwaker; house name)                                                                                    |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | UNK MEANS -                                                                                                       |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | no INFO available                                                                                                 |                            |       |                                              |                       |               |       |            |
|        |   |                             |      | 14/01/85                                                                                                          |                            |       |                                              |                       |               |       |            |

## KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                          | TERMS                                 | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                  | BREEDER NAME/LOCAL ID              | DATE OF DEATH              | FCDEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------|-------|------------|
| 0418   | M | WILD | 0379 | 24/03/81<br>10/03/82<br>20/03/82<br>24/03/84<br>25/03/84 | UMFOLOZI<br>NATAL PARKS BD<br>TOUCHSTM GW RCH<br>LINN LACOMA RCH<br>MANTZELL RCH TX | RES (WB)<br>(TF)<br>(P)<br>(P)<br>(P) | [1st GEN]<br><br>(Kenwood R TVL)<br>Macora<br>Macora<br>(3.0 ys on arrival at LIN)<br>UNK MEANS -<br>no INFO available                                        | LIN 03<br><br>none<br>none<br>none | <br><br><br><br>08/03/85   | 0.000 | 0.0.0      |
| 0424   | F | WILD | 0414 | 11/03/83                                                 | EL COYOTE RANCH                                                                     | (B)                                   | [1st GEN] Margarita                                                                                                                                           | COY 03                             | none                       | 0.000 | 1.1.0      |
| 0429   | F | WILD | WILD | 01/01/82<br>05/08/83<br>08/08/80                         | S AFR MKUZI<br>NATAL PARKS BD<br>PRETORIA Z POTG                                    | RES (WB)<br>(TF)<br>(TD)              | [0 GEN]<br>*<br>Ponono<br>(8.7 ys on arrival at PRY)<br>* found caught in a<br>poacher's snare-<br>treatment for wounds<br>at NAT PKS BD born-<br>* TD to PRY | PRY 12<br><br>P93213               | <br><br><br>(**)           | 0.000 | 2.0.2      |
| 0433   | F | WILD | 0400 | 28/02/80                                                 | DALLAS ZOO                                                                          | (B)                                   | [1st GEN] Zambezi<br>generalized<br>MYCOSIS                                                                                                                   | DAL 06                             | 906719                     | 0.000 | 1.0.0      |
| 0446   | M | 0378 | 0410 | 20/07/91                                                 | LINN LACOMA RCH                                                                     | (B)                                   | [1st GEN]<br>Post partum-<br>HYPOSTHENIC-<br>low birth weight                                                                                                 | LIN 09                             | none                       | 0.000 | 0.0.0      |
| 0447   | F | 0378 | 0379 | 03/12/81<br>23/06/87                                     | LINN LACOMA RCH<br>DISNEY'S AN KGD                                                  | (B)<br>(L)                            | [1st GEN] Gloria<br>Gloria<br>INFECTION<br>of<br>RESPIRATORY TRACT                                                                                            | LIN 09                             | none<br>970092             | 0.000 | 0.0.0      |
| 0451   | F | WILD | WILD | 22/04/77<br>23/06/91<br>22/04/92                         | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>EL COYOTE RANCH                                | (WB)<br>(TF)<br>(P)                   | [0 GEN]<br>(dt of cpt)<br>Jota-CHANEL<br>(15.0 ys on arrival)                                                                                                 | COY 04                             | <br>(9112)<br>none         | 0.000 | 2.2.0      |
| 0452   | F | WILD | 0451 | 01/12/80<br>23/06/91<br>03/04/92<br>18/07/95             | S AFR ZIMBABWE<br>RHODES WOLF DPT<br>EL COYOTE RANCH<br>GLN ROSE FOSSIL             | (WB)<br>(TF)<br>(P)<br>(L)            | [1st GEN]<br>(dt of cpt)<br>Charere<br>COCO<br>(1.4 ys on arrival at COY)                                                                                     | COY 05                             | <br>(9113)<br>none<br>9122 | 0.000 | 0.3.0      |

KEY FOR TERMS:

|    |                 |    |                   |   |             |    |          |
|----|-----------------|----|-------------------|---|-------------|----|----------|
| WB | WILD BORN       | BL | BREEDING LOAN IN  | L | LOAN IN     | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO | BREEDING LOAN OUT | R | LOAN RETURN | TD | TRADE    |
| UB | BIRTH TYPE UNKN |    |                   | D | DONATION IN | TF | TRANSFER |

0?GEN BIRTH TYPE UNKN 1st?GEN PARENTS UNKN

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH | BREEDER ARKS/<br>NAME/#<br>LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|-----------------------|----------------------------|-------|---------------------------------------------------------|-------------------------------------|---------------|-------|------------|
| 0453   | M | 0404 | 0405 | 29/12/92              | MILWAUKEE ZOO              | (BL)  | [1st GEN] Kwanzaa                                       | MKE 03 3766                         |               | 0.000 | 0.0.0      |
|        |   |      |      | 29/12/92              | RHODES WOLF DPT            | (LO)  | Kwanzaa                                                 | (*)                                 |               |       |            |
|        |   |      |      | 26/11/94              | SCHROFF CHICAGO            | (TF)  | (shipper)                                               |                                     |               |       |            |
|        |   |      |      | 29/11/94              | DUBBO WESTERN P            | (L)   | Kwanzaa                                                 | 940170                              |               |       |            |
| 0464   | F | WILD | 0466 | 21/01/91              | S AFR ZIMBABWE             | (WB)  | [1st GEN]                                               | SMA 01 none                         |               | 0.000 | 1.0.0      |
|        |   |      |      | 27/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (9105)                              |               |       |            |
|        |   |      |      | 22/04/92              | SANTILL MCALLEN            | (L)   | (TX) Kasi Kiri                                          | none                                |               |       |            |
|        |   |      |      | 01/12/95              | BROWNSVL GLADYS            | (TF)  | (in for treatment)                                      | none                                |               |       |            |
|        |   |      |      |                       |                            |       | (1.3 ys on arrival at SMA)                              |                                     |               |       |            |
|        |   |      |      |                       |                            |       | HAEMIC                                                  |                                     | 09/02/96      |       |            |
|        |   |      |      |                       |                            |       | SECONDARY to                                            |                                     |               |       |            |
|        |   |      |      |                       |                            |       | CIRCULATORY                                             |                                     |               |       |            |
| 0465   | M | WILD | 0469 | 22/02/90              | S AFR ZIMBABWE             | (WB)  | [1st GEN]                                               | SMA 02                              |               | 0.000 | 1.0.0      |
|        |   |      |      | 27/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (9116)                              |               |       |            |
|        |   |      |      | 22/04/92              | SANTILL MCALLEN            | (L)   | (TX) Binga                                              | none                                |               |       |            |
|        |   |      |      | 11/11/97              | IAE FERNSDALE              | (TF)  | (shipper)                                               |                                     |               |       |            |
|        |   |      |      | 12/11/97              | FORT WORTH ZOO             | (L)   | Binga                                                   | 1385                                |               |       |            |
|        |   |      |      |                       |                            |       | (2.2 ys on arrival at SMA)                              |                                     |               |       |            |
| 0466   | F | WILD | WILD | 22/04/77              | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                                 | FOS 01                              |               | 0.000 | 0.2.0      |
|        |   |      |      | 20/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (9118)                              |               |       |            |
|        |   |      |      | 22/04/92              | GLN ROSE FOSSIL            | (P)   | Sinampande                                              | 9116                                |               |       |            |
|        |   |      |      |                       |                            |       | (15.0 ys on arrival)                                    |                                     |               |       |            |
| 0467   | M | WILD | WILD | 22/04/88              | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                                 | FOS 02                              |               | 0.000 | 4.1.0      |
|        |   |      |      | 18/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (9101)                              |               |       |            |
|        |   |      |      | 22/04/92              | GLN ROSE FOSSIL            | (P)   | Siabwa                                                  | 9119                                |               |       |            |
|        |   |      |      | 25/11/94              | SCHROFF CHICAGO            | (TF)  | (shipper)                                               |                                     |               |       |            |
|        |   |      |      | 29/11/94              | DUBBO WESTERN P            | (D)   | Statwa                                                  | 940169                              |               |       |            |
|        |   |      |      |                       |                            |       | (4.0 ys on arrival at FOS)                              |                                     |               |       |            |
| 0468   | F | WILD | WILD | 22/04/82              | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                                 | YUL 01                              |               | 0.000 | 3.0.0      |
|        |   |      |      | 27/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (9115)                              |               |       |            |
|        |   |      |      | 22/04/92              | YULEE WHITE OAK            | (P)   | Mwenda                                                  | 92505                               |               |       |            |
|        |   |      |      |                       |                            |       | (10.0 ys on arrival)                                    |                                     | 22/09/01      |       |            |
| 0469   | M | WILD | WILD | 22/04/88              | S AFR ZIMBABWE             | (WB)  | [0 GEN]                                                 | FOS 03                              |               | 0.000 | 0.0.0      |
|        |   |      |      | 18/06/91              | RHODES WOLF DPT            | (TF)  | (dt of cpt)                                             | (*)                                 |               |       |            |
|        |   |      |      | 22/04/92              | GLN ROSE FOSSIL            | (P)   | Chete                                                   | 9101                                |               |       |            |
|        |   |      |      |                       |                            |       | (est. 4.0 ys on arrival)                                |                                     |               |       |            |
|        |   |      |      |                       |                            |       | HEPATOPATHY                                             |                                     | 01/07/92      |       |            |
|        |   |      |      |                       |                            |       | SECONDARY to                                            |                                     |               |       |            |
|        |   |      |      |                       |                            |       | TOXICOSIS from                                          |                                     |               |       |            |
|        |   |      |      |                       |                            |       | creosote treated                                        |                                     |               |       |            |
|        |   |      |      |                       |                            |       | bomas in ZBW                                            |                                     |               |       |            |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 02GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                 | TERMS                                                                                                                                                                                                                   | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H | BREEDER ARKS/<br>NAME/# LOCAL ID | DATE OF DEATH | FCOE  | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------|---------------|-------|------------|
| 0470   | F | WILD | WILD | 22/04/85<br>20/05/91<br>22/04/92             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>GLW ROSE FOSSIL (P)                         | [0 GEN]<br>(dt of cpt est.)<br>Siantula<br>(est. 7.0 ys on arrival)<br>HEPATOPATHY<br>SECONDARY to<br>TOXICOSIS from<br>creosote treated<br>booms in ZBW/<br>INFECTION assoc.<br>with dead fetus-<br>re subs. reg. 0715 | FOS 04<br><br>3104                                          | (*)<br><br>9104                  | 12/08/92      | 0.000 | 0.0.1      |
| 0471   | M | WILD | WILD | 25/04/80<br>21/07/80<br>22/07/80<br>22/04/92 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PAMUZINDA RANCH (TF)<br>YULEE WHITE OAK (P) | [0 GEN]<br><br>(in for HR)<br>Chifumbi<br>(12.0 ys on arrival at YUL)<br>HEPATOGENIC problem/<br>EUTH                                                                                                                   | YUL 02<br><br>none<br>92504                                 | (*)<br><br>none<br>92504         | 22/08/92      | 0.000 | 0.0.0      |
| 0476   | M | WILD | WILD | 01/01/80<br>12/02/91<br>13/02/91             | UMFOLOZI GM RES (WB)<br>NATAL PARKS BD (TF)<br>PRETORIA Z POTG (TD)                        | [0 GEN]<br><br>Kojak<br>(11.1 ys on arrival)                                                                                                                                                                            | PRY 13<br><br>P33214                                        | (*)<br><br>P33214                |               | 0.000 | 2.0.2      |
| 0484   | F | 0394 | 0393 | 14/02/94<br>04/10/96                         | FRANKFURT/W ZOO (B)<br>SAF MARAKELE NP (D)                                                 | [1st GEN]<br>Akura<br>introduction<br>to WILD-<br>removed from STB                                                                                                                                                      | FRA 13<br>36381<br>none                                     | 36381<br>none                    | 31/12/96      | 0.000 | 0.0.0      |
| 0485   | M | 0390 | 0392 | 12/08/93<br>29/11/94                         | SAN DIEGO ZOO (B)<br>DUBBO WESTERN P (L)                                                   | [1st GEN]<br>Ibala<br>Ibala                                                                                                                                                                                             | SDZ 07<br>593311<br>940171                                  | 593311<br>940171                 |               | 0.000 | 0.0.0      |
| 0486   | F | 0378 | 0402 | 23/08/93<br>29/09/93<br>23/06/97             | LINN LACOMA RCH (BL)<br>FORT WORTH ZOO (LO)<br>DISNEY'S AN KGD (L)                         | [1st GEN]<br>Kit<br>Kit<br>Kit                                                                                                                                                                                          | LIN 11<br>0486<br>1356<br>970093                            | 0486<br>1356<br>970093           |               | 0.000 | 1.0.0      |
| 0487   | F | 0378 | 0410 | 12/09/92                                     | LINN LACOMA RCH (B)                                                                        | [1st GEN]<br>(subsequent registration)<br>ABORTUS                                                                                                                                                                       | LIN 10<br>none                                              | none                             | 12/09/92      | 0.000 | 0.0.0      |
| 0491   | M | 0476 | 0429 | 01/08/93<br>15/07/96                         | PRETORIA Z POTG (B)<br>PRETORIA ZOO (TD)                                                   | [1st GEN]<br>Mbani<br>Mbani                                                                                                                                                                                             | PRY 14<br>P33254<br>907170                                  | P33254<br>907170                 |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |   |             |              |          |
|----|-----------------|-------|-------------------|---|-------------|--------------|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L | LOAN IN     | P            | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R | LOAN RETURN | TD           | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D | DONATION IN | TF           | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   |   | 1st?GEN     | PARENTS UNKN |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                                                 | TERMS                       | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                     | BREEDER NAME/LOCAL ID | ARKS/LOCAL ID | DATE OF DEATH                | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------|------------------------------|-------|------------|
| 0494   | F | WILD | WILD | 03/12/83<br>27/06/91<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Musina Pongo<br>(8.11 ys on arrival)                                                   | DUB 01                |               | (9110)<br>920113             | 0.000 | 1.0.0      |
| 0495   | M | WILD | 0494 | 01/06/30<br>27/06/91<br>30/11/92<br>04/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [1st GEN]<br>(dt of cpt)<br>(quarantine)<br>Chamucururi<br>(2.5 ys on arrival)<br>self-induced<br>TRACHMA-<br>died in quarantine | DUB 02                |               | (9111)<br>920114<br>04/02/93 | 0.000 | 0.0.0      |
| 0496   | F | WILD | WILD | 03/12/83<br>27/06/91<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Chitundumusere<br>(8.11 ys on arrival)                                                 | DUB 03                |               | (9114)<br>920115             | 0.000 | 0.0.0      |
| 0497   | F | WILD | WILD | 02/12/87<br>22/04/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Chunga<br>(4.11 ys on arrival)<br>HEPATOPATHY                                          | DUB 04                |               | (9201)<br>920116<br>30/04/93 | 0.000 | 0.0.0      |
| 0498   | F | WILD | WILD | 01/12/89<br>22/06/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Pepe Kalle<br>(2.11 ys on arrival)                                                     | DUB 05                |               | (9202)<br>920117             | 0.000 | 1.0.0      |
| 0499   | F | WILD | WILD | 02/12/87<br>24/04/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Kalungwizi<br>(4.11 ys on arrival)                                                     | DUB 06                |               | (9203)<br>920118             | 0.000 | 2.0.0      |
| 0500   | F | WILD | WILD | 01/12/89<br>15/06/92<br>30/11/92<br>10/02/93 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L) | (WB)<br>(TF)<br>(TF)<br>(L) | [0 GEN]<br>(dt of cpt)<br>(quarantine)<br>Utahwedande<br>(2.11 ys on arrival)                                                    | DUB 07                |               | (9209)<br>920119             | 0.000 | 1.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                                    | LOCATION OF BIRTH/TRANSFER                                                                                       | TERMS                             | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                           | BREEDER NAME/# LOCAL ID                              | DATE OF DEATH              | FCOEFF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------|--------|------------|
| 0501   | M | WILD | WILD | 03/12/83<br>15/05/92<br>30/11/92<br>09/01/93             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L)                       | (WB)<br>(TF)<br>(TF)<br>(L)       | [0 GEN]<br><dt of cpt><br><quarantine><br>Tamana<br>(8.11 ys on arrival)<br>HEPATOPATHY-<br>died in quarantine         | DUB 08<br><br><br>920120                             | <br><9210><br><br>09/01/93 | 0.000  | 0.0.0      |
| 0502   | F | WILD | WILD | 01/12/89<br>15/05/92<br>30/11/92<br>10/02/93             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>COCOS ISLDS AUS (TF)<br>DUBBO WESTERN P (L)                       | (WB)<br>(TF)<br>(TF)<br>(L)       | [0 GEN]<br><dt of cpt><br><quarantine><br>Dongajumu<br>(2.11 ys on arrival)                                            | DUB 09<br><br><br>920121                             | <br><9211><br><br><br>     | 0.000  | 0.0.0      |
| 0520   | M | 0399 | 0400 | 03/07/94                                                 | DALLAS ZOO                                                                                                       | (B)                               | [1st GEN] Independence                                                                                                 | DAL 07                                               | 949049                     | 0.000  | 0.0.0      |
| 0521   | M | 0378 | 0410 | 30/05/94<br>30/05/94<br>23/06/97<br>24/02/99<br>05/03/99 | LINN LACOMA RCH (BL)<br>FORT WORTH ZOO (LO)<br>DISNEY'S AN KGD (L)<br>DISNEY'S AN KGD (D)<br>YULEE WHITE OAK (D) | (BL)<br>(LO)<br>(L)<br>(D)<br>(D) | [1st GEN] Chirundu<br>LEE<br>Lee<br>Lee<br>Lee                                                                         | LIN 12<br>0521<br>1357<br>970091<br>970091<br>930302 | <br><br><br><br><br>       | 0.000  | 0.0.0      |
| 0522   | M | WILD | WILD | 31/07/87<br>01/04/88<br>02/04/88<br>31/07/94             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PAMUZINDA RANCH (TF)<br>YULEE WHITE OAK (P)                       | (WB)<br>(TF)<br>(TF)<br>(P)       | [0 GEN]<br><dt of cpt><br><in for HR><br>Tortoise<br><7.0 ys on arrival at YUL>                                        | YUL 03<br><br><br>940328                             | <br>(*)<br>none<br><br>    | 0.000  | 4.0.0      |
| 0523   | M | WILD | WILD | 31/07/87<br>01/04/88<br>02/04/88<br>31/07/94             | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PAMUZINDA RANCH (TF)<br>YULEE WHITE OAK (P)                       | (WB)<br>(TF)<br>(TF)<br>(P)       | [0 GEN]<br><dt of cpt><br><in for HR><br>Clem<br><7.0 ys on arrival at YUL>                                            | YUL 04<br><br><br>940329                             | <br>(*)<br>none<br><br>    | 0.000  | 2.0.0      |
| 0530   | F | WILD | WILD | 08/03/87<br>05/01/90<br>08/03/90<br>05/08/91             | SW AFR NAMIBIA (WB)<br>S AFR GOVERNMT (TF)<br>LISBON ZOO (D)<br>S AFR KRUGER NP (TD)                             | (WB)<br>(TF)<br>(D)<br>(TD)       | [0 GEN]<br><br>Shybula<br>Shybula<br><est. 3.0 ys on arrival at LIS><br>reintroduction<br>to WILD-<br>removed from STB | LIS 08<br><br>1433<br>none                           | <br>(*)<br><br>31/12/92    | 0.000  | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                           | TERMS               | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                     | BREEDER NAME/LOCAL ID        | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------|------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------|------------------------------|---------------|-------|------------|
| 0536   | F | WILD | WILD | 31/12/12<br>31/12/14             | S AFR ZIMBABWE<br>PRETORIA ZOO                       | (WB)<br>(P)         | [0 GEN]<br>Maggie<br>(2.0 ys on arrival)<br>(subsequent report)<br>UNK MEANS-<br>no INFO available               | PRY 01<br>904495             | 15/11/42      | 0.000 | 0.0.0      |
| 0537   | M | WILD | WILD | 18/03/44<br>15/06/44<br>16/06/44 | S AFR MKUZI RES<br>NATAL PARKS BD<br>PRETORIA ZOO    | (WB)<br>(TF)<br>(D) | [0 GEN]<br>Kuzi<br>(3 ms on arrival)<br>(subsequent report)<br>bacterial<br>INFECTION of<br>RESPIRATORY TRACT    | PRY 02<br>(*)<br>904461      | 13/05/55      | 0.000 | 0.0.0      |
| 0569   | M | 0475 | 0429 | 17/06/95                         | PRETORIA Z POTG                                      | (B)                 | [1st GEN] no name<br>mortal INJURIES-<br>susp. inflicted<br>by exhibit mate                                      | PRY 15 P93366                | 01/10/98      | 0.000 | 0.0.0      |
| 0570   | F | 0390 | 0392 | 18/12/95                         | SAN DIEGO ZOO                                        | (B)                 | [1st GEN]<br>STILLBIRTH                                                                                          | SDZ 08 595485                | 18/12/95      | 0.000 | 0.0.0      |
| 0573   | F | 0457 | 0455 | 29/12/95                         | GLN ROSE FOSSIL                                      | (B)                 | [1st GEN] Echo<br>acute<br>lymphoblastic<br>LEUKAEMIA                                                            | FOS 06 9123                  | 29/10/97      | 0.000 | 0.0.0      |
| 0574   | F | 0404 | 0405 | 01/01/96<br>01/01/96<br>07/05/98 | MILWAUKEE ZOO<br>RHODES WDLF DPT<br>DISNEY'S AN KGD  | (BL)<br>(LO)<br>(L) | [1st GEN] Pombe<br>Pombe<br>Pombe                                                                                | MKE 04 4141<br>(*)<br>981035 |               | 0.000 | 0.0.0      |
| 0575   | M | 0465 | 0464 | 15/11/95                         | SANTILL MCALLEN                                      | (B)                 | [2nd GEN]<br>ABORTUS-<br>near full-term fetus                                                                    | SMA 03 none                  | 15/11/95      | 0.000 | 0.0.0      |
| 0577   | M | WILD | WILD | 02/04/86<br>01/02/86<br>02/02/86 | S AFR ZIMBABWE<br>RHODES WDLF DPT<br>DAMBARI-CHIPANG | (WB)<br>(TF)<br>(D) | [0 GEN] <Zambezi RVL><br>Chitaki<br>(4 ms on arrival-HR)<br>(subsequent registration)<br>(source ISIS: all data) | BUL 01<br>(*)<br>92055       |               | 0.000 | 2.4.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                           | TERMS               | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                   | BREEDER NAME/#<br>LOCAL ID | DATE OF DEATH | FOEF  | OFF-SPRING |
|--------|---|------|----------------------------------|----------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------|-------|------------|
| 0578   | F | WILD | 02/04/88<br>01/03/88<br>02/08/88 | S AFR ZIMBABWE<br>RHODES WOLF DPT (TF)<br>DAMBARI-CHIPANG (D)        | (WB)<br>(TF)<br>(D) | [0 GEN] <Zambezi RVL><br><br>Rukomichi<br>(4 yrs on arrival-HR)<br>(subsequent registration)<br>(source ISIS: all data)                                                                   | BUL 02<br><br>(*)<br>92059 |               | 0.000 | 2.2.0      |
| 0579   | M | WILD | 02/12/83<br>30/11/87<br>02/12/87 | S AFR ZIMBABWE<br>RHODES WOLF DPT (TF)<br>DAMBARI-CHIPANG (L)        | (WB)<br>(TF)<br>(L) | [0 GEN] <Zambezi RVL><br><br>Inosher<br>(2.0 yrs on arrival)<br>(subsequent registration)<br>(source ISIS: all data)<br>(source Foote 07.1993:<br>death)<br>HYPOGLYCAEMIA/<br>HYPOTHERMIA | BUL 03<br><br>(*)<br>92061 | 01/11/94      | 0.000 | 0.0.0      |
| 0580   | F | 0577 | 05/10/92                         | DAMBARI-CHIPANG (B)                                                  | (B)                 | [1st GEN] CHECHE (HR)<br>(Essex-Ceche)<br>(subsequent registration)<br>(source ISIS: all data)                                                                                            | BUL 05 92209               |               | 0.000 | 0.0.0      |
| 0609   | M | 0457 | 25/05/86                         | DUBBO WESTERN P (B)                                                  | (B)                 | [1st GEN] D 136-Kusuma                                                                                                                                                                    | DUB 10 960069              |               | 0.000 | 0.0.0      |
| 0626   | M | 0523 | 07/03/96<br>19/11/98             | YULEE WHITE OAK (B)<br>S AFR KRUGER NP (TF)                          | (B)<br>(TF)         | [1st GEN] Tim<br>Tim<br>introduction<br>to WILD-<br>removed from STB                                                                                                                      | YUL 05 960014<br>none      | 31/12/98      | 0.000 | 0.0.0      |
| 0629   | M | WILD | 02/08/22<br>30/06/23<br>02/02/23 | S AFR ZIMBABWE (WB)<br>HAGENBECK C HBG (P)<br>WASHINGTON NATZOO (TD) | (WB)<br>(P)<br>(TD) | [0 GEN]<br>(importer)<br>no name<br>(1.0 y on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>origin)<br>UNK MEANS -<br>no INFO available                                        | WAS 01<br><br>11262        | 13/03/25      | 0.000 | 0.0.0      |
| 0638   | M | WILD | 13/08/56<br>01/05/58             | SW AFR NAMIBIA (WB)<br>OKAHANDJA ZOO/PK (P)                          | (WB)<br>(P)         | [0 GEN]<br>(Schulz) (dt of capt)<br>continued next page                                                                                                                                   | MNL 01<br><br>none         |               | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD<br># | S | SIRE | DAM  | DATE OF<br>BIRTH/<br>ARRIVAL     | LOCATION OF<br>BIRTH/<br>TRANSFER                                 | TERMS                | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                   | BREEDER ARKS/<br>NAME/# LOCAL<br>ID  | DATE OF<br>DEATH | FCOEF | OFF-<br>SPRING |
|-----------|---|------|------|----------------------------------|-------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------|-------|----------------|
| 0535      |   |      |      | 13/08/59                         | MANILA ZOO                                                        | (P)                  | no name<br>(3.0 ys on arrival)<br>(subsequent registration)<br>(source Bookmaker:<br>origin/cause of death)<br>TETANUS                                                    | none                                 | 26/03/60         |       |                |
| 0545      | M | WILD | WILD | 17/08/55<br>10/07/65<br>17/08/65 | SW AFRICA<br>DELFS WINDHOEK<br>FRESNO CHAFFEE                     | (WB)<br>(P)<br>(P)   | [0 GEN]<br>(exporter)<br>John<br>(10.0 ys on arrival)<br>(subsequent report)<br>(source Bookmaker:<br>origin)<br>UNK MEANS -<br>no AUTOPSY                                | FRE 05<br><br>938895                 |                  | 0.000 | 0.0.0          |
| 0554      | F | WILD | WILD | 27/11/50<br>25/09/53<br>26/11/53 | S AFR NATAL<br>NATAL PARKS GD<br>PRETORIA ZOO                     | (WB)<br>(TF)<br>(TD) | [0 GEN]<br>(dt of cpt)<br>Mathilda<br>(3.0 ys on arrival)<br>(subsequent registration)<br>severe INJURIES<br>to liver/lungs><br>HAEMATOMA<br>inflicted by<br>exhibit mate | PRY 03<br><br>904462<br><br>12/07/66 |                  | 0.000 | 0.0.0          |
| 0561      | F | 0394 | 0393 | 18/02/97<br>06/06/00             | FRANKFURT/M ZOO (B)<br>S AFR KRUGER NP (D)                        | (B)<br>(D)           | [1st GEN] Dzimba<br>Dzimba<br>introduction<br>to WILD-<br>removed from STB                                                                                                | FRA 14 37906<br>none                 | 31/12/00         | 0.000 | 0.0.0          |
| 0555      | M | 0522 | 0402 | 23/01/97                         | YULEE WHITE OAK (B)                                               | (B)                  | [1st GEN] Tom                                                                                                                                                             | YUL 06 970004                        |                  | 0.000 | 0.0.0          |
| 0557      | M | 0522 | 0410 | 08/02/97                         | YULEE WHITE OAK (B)                                               | (B)                  | [1st GEN] Tom C                                                                                                                                                           | YUL 07 970006                        |                  | 0.000 | 0.0.0          |
| 0558      | M | 0399 | 0433 | 04/02/97                         | DALLAS ZOO                                                        | (B)                  | [2nd GEN] Mayo                                                                                                                                                            | DAL 08 976555                        |                  | 0.000 | 0.0.0          |
| 0559      | F | 0401 | 0462 | 02/02/97<br>02/02/97<br>16/04/99 | GLN ROSE FOSSIL (BL)<br>EL COYOTE RANCH (LO)<br>MILWAUKEE ZOO (L) | (BL)<br>(LO)<br>(L)  | [2nd GEN] Onyx<br>Onyx<br>Onyx                                                                                                                                            | FOS 07 9124<br>none<br>4527          |                  | 0.000 | 0.0.0          |
| 0570      | M | 0401 | 0461 | 06/05/96<br>05/08/99             | EL COYOTE RANCH (B)<br>DISNEY'S AM KGD (L)                        | (B)<br>(L)           | [1st GEN] Travis<br>Travis                                                                                                                                                | COY 08 none<br>981456                |                  | 0.000 | 1.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL            | LOCATION OF BIRTH/TRANSFER                                         | TERMS | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                                                             | BREEDER NAME/# | ARKS/<br>LOCAL<br>ID | DATE OF<br>DEATH | FCDEF | OFF-<br>SPRING |
|--------|---|------|------|----------------------------------|--------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------------|------------------|-------|----------------|
| 0671   | F | 0401 | 0424 | 24/08/96                         | EL COYOTE RANCH                                                    | (B)   | [2nd GEN] Salse                                                                                                                                                                                         | COY 07         | none                 |                  | 0.000 | 0.0.0          |
| 0672   | M | 0378 | 0414 | 08/01/97<br>11/05/99             | EL COYOTE RANCH (B)<br>FORT WORTH ZOO (TF)                         |       | [1st GEN] Elvis<br>(in for treatment)<br>GASTRITIS<br>with ILEUS                                                                                                                                        | COY 08         | none<br>none         | 13/05/99         | 0.000 | 0.0.0          |
| 0681   | M | 0390 | 0392 | 31/05/97                         | SAN DIEGO ZOO                                                      | (B)   | [1st GEN] Lintoco                                                                                                                                                                                       | SDZ 09         | 597233               |                  | 0.000 | 0.0.0          |
| 0696   | F | WILD | WILD | 02/12/85<br>30/11/87<br>02/12/87 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>DAMBARI-CHIPANG (L) |       | [0 GEN] <Zambezi PVL><br>Bambi<br>(2.0 ys on arrival)<br>(subsequent registration)<br>(source ISIS: all data)                                                                                           | BUL 04         | (*)<br>92060         |                  | 0.000 | 0.2.0          |
| 0697   | M | 0577 | 0579 | 02/02/95                         | DAMBARI-CHIPANG (B)                                                |       | [1st GEN] Baleka (HR)<br>(subsequent registration)<br>(source ISIS: all data)<br>(report ISIS 01.2001:<br>sold to unk location<br>in March 2000)<br>BUL: no response<br>to numerous<br>status inquiries | BUL 08         | 95079                |                  | 0.000 | 0.0.0          |
| 0697   | F | 0376 | 0461 | 16/07/93                         | EL COYOTE RANCH (B)                                                |       | [1st GEN] Chilpotle                                                                                                                                                                                     | COY 05         | none                 |                  | 0.000 | 0.0.0          |
| 0701   | F | WILD | WILD | 25/07/29<br>05/02/31<br>25/01/32 | S AFR ZIMBABWE (WB)<br>HAGENBECK C HBG (P)<br>NY-BRONX ZOO (P)     |       | [0 GEN]<br>(importer)<br>no name<br>(2.0 ys on arrival)<br>(subsequent report)<br>(source Rookmaker:<br>origin/date HBG)<br>UNK MEANS -<br>no INPO available                                            | NYB 03         | (11286)              | 19/03/41         | 0.000 | 0.0.0          |
| 0704   | M | WILD | WILD | 02/04/82<br>01/04/83<br>02/04/83 | S AFR ZIMBABWE (WB)<br>RHODES WOLF DPT (TF)<br>PRETORIA ZOO (D)    |       | [0 GEN] <Kariba Dam><br>no name<br>(1.0 y on arrival)<br>(subsequent report)<br>UNK MEANS -<br>no INPO available                                                                                        | PRY 05         | (*)<br>904464        | 29/04/83         | 0.000 | 0.0.0          |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER        | TERMS        | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF D E A T H                                                                                                               | BREEDER NAME/<br>LOCAL ID | ARMS/<br>LOCAL ID | DATE OF DEATH | FCDIF | OFF-SPRING |
|--------|---|------|------|-----------------------|-----------------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------|---------------|-------|------------|
| 0703   | M | 0404 | 0405 | 22/10/98<br>22/10/98  | MILWAUKEE ZOO<br>RHODES WOLF CPT  | (BL)<br>(LO) | [1st GEN] Buster<br>Buster                                                                                                                                                | MKE 05                    | 4474<br>(*)       |               | 0.000 | 0.0.0      |
| 0715   | U | WILD | 0470 | 12/06/92              | GLN ROSE FOSSIL                   | (S)          | [1st GEN]<br>(subsequent registration)<br>was pulled<br>upon<br>Dam's death-<br>near full-term fetus                                                                      | FOS 05                    | none              | 12/06/92      | 0.000 | 0.0.0      |
| 0716   | M | 0467 | 0499 | 23/04/99              | DUBBO WESTERN P                   | (S)          | [1st GEN] Buta Buta<br>CAECAL TORSION                                                                                                                                     | DUB 11                    | 930094            | 18/10/00      | 0.000 | 0.0.0      |
| 0718   | F | 0401 | 0462 | 09/06/99<br>09/06/99  | GLN ROSE FOSSIL<br>FORT WORTH ZOO | (BL)<br>(LO) | [2nd GEN] Mupane<br>Mupane                                                                                                                                                | FOS 08                    | 9125<br>1514      |               | 0.000 | 0.0.0      |
| 0722   | F | 0577 | 0886 | 11/01/94              | DAMBARI-CHIPANG                   | (S)          | [1st GEN] Cheeky<br>(subsequent registration)<br>(source Foote 07.1999:<br>all data)<br>problems<br>with the<br>UMBILICAL CORD-<br>contracted<br>unspecified<br>INFECTION | BUL 06                    | unk               | 07/02/94      | 0.000 | 0.0.0      |
| 0723   | F | 0577 | 0576 | 07/02/94              | DAMBARI-CHIPANG                   | (S)          | [1st GEN] no name<br>(subsequent registration)<br>(source Foote 07.1999:<br>all data)<br>mortal INJURIES<br>inflicted<br>by Dam                                           | BUL 07                    | unk               | 07/02/94      | 0.000 | 0.0.0      |
| 0724   | M | 0577 | 0576 | 13/03/97              | DAMBARI-CHIPANG                   | (S)          | [1st GEN] Thunder (HR)<br>(subsequent registration)<br>(source Foote 07.1999:<br>all data)<br>subacute HEPATO-/<br>NEPHRO-TOXICITY                                        | BUL 09                    | unk               | 27/01/99      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | O       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis* minor

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL             | LOCATION OF BIRTH/TRANSFER                          | TERMS              | GENERATION/<br>HOUSE NAME/<br>PRIMARY CAUSE<br>OF DEATH                                                                                                                                                        | BREEDER ARKS/<br>NAME/#<br>LOCAL ID | DATE OF DEATH    | FOE#  | OFF-SPRING |
|--------|---|------|------|-----------------------------------|-----------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------|-------|------------|
| 0725   | F | 0577 | 0585 | 21/12/97                          | DAMBARI-CHIPANG                                     | (B)                | [1st GEN] Bayete<br>(subsequent registration)<br>(source Foote 07.1999:<br>all data)<br>(report ISIS 02.2001:<br>sold to unk location<br>in March 2000)<br>BUL: no response<br>to numerous<br>status inquiries | BUL 10                              | 990082?          | 0.000 | 0.0.0      |
| 0737   | M | WILD | WILD | 01/05/59<br>01/12/50<br>19/05/51  | SW AFR NAMIBIA<br>OKAHANDJA ZOO<br>AMSTERDAM ZOO    | (WB)<br>(P)<br>(P) | [0 GEN] <Kaokofeld><br><Schulz> (dt of cpt)<br>Storm<br><1.4 ys at cpt><br>(subsequent registration)<br>(source Rookmaker:<br>all data)<br>UNK MEANS -<br>no INFO available                                    | AMS 06<br><br>none<br>none          |                  | 0.000 | 0.0.0      |
| 0751   | U | 0476 | 0429 | 20/10/99                          | PRETORIA 2 POTG                                     | (B)                | [1st GEN] no name                                                                                                                                                                                              | PRY 16                              | P93521           | 0.000 | 0.0.0      |
| 0753   | M | 0523 | 0488 | 01/12/93                          | YULEE WHITE OAK                                     | (B)                | [1st GEN]<br>HYPOSTHERNIC-<br>did not survive                                                                                                                                                                  | YUL 08                              | 990037           | 0.000 | 0.0.0      |
| 0770   | M | 0522 | 0402 | 28/02/00<br>28/02/00              | YULEE WHITE OAK<br>FORT WORTH ZOO                   | (BL)<br>(LO)       | [1st GEN] Micky<br>Micky                                                                                                                                                                                       | YUL 09                              | Y04010<br>200127 | 0.000 | 0.0.0      |
| 0777   | M | 0457 | 0498 | 30/03/00                          | DUBBO WESTERN P                                     | (B)                | [1st GEN] Chikundo                                                                                                                                                                                             | DUB 12                              | A00096           | 0.000 | 0.0.0      |
| 0778   | M | 0457 | 0500 | 18/04/00                          | DUBBO WESTERN P                                     | (B)                | [1st GEN] Jabari<br>GASTRO-INTESTINAL<br>complications                                                                                                                                                         | DUB 13                              | A00139           | 0.000 | 0.0.0      |
| 0779   | F | 0376 | 0414 | 30/06/00                          | EL COYOTE RANCH                                     | (B)                | [1st GEN] Chalupa                                                                                                                                                                                              | COY 10                              | none             | 0.000 | 0.0.0      |
| 0781   | M | UNKN | UNKN | 05/05/97?<br>04/10/99<br>05/10/99 | SABLE RANCH SA<br>GHIAZZA SKEERPT<br>PNY XIANGJIANG | (B)<br>(P)<br>(P)  | [1st?GEN]<br>(exporter)<br>HX001<br>(2.5 ys on arrival)                                                                                                                                                        | PNY 01                              | none<br><br>none |       | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL                        | LOCATION OF BIRTH/TRANSFER                                     | TERMS                     | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH                                                                                                                                  | BREEDER NAME/# | ARKS/LOCAL ID    | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|----------------------------------------------|----------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|---------------|-------|------------|
| 0782   | F | UNKN | UNKN | 06/10/96?<br>04/10/99<br>08/10/99            | SABLE RANCH SA<br>GHIAZZA SKEERPT<br>PHY XIANGJIANG            | (B)<br>(P)<br>(P)         | [1st?GEN]<br><exporter><br>HX002<br><3.0 ys on arrival><br>PNY: NEW studbook participant since 07.2000                                                                        | PHY 02         | none<br><br>none |               |       | 0.0.0      |
| 0783   | M | 0522 | 0410 | 05/08/00                                     | YULEE WHITE OAK                                                | (B)                       | [1st GEN] Kidoge                                                                                                                                                              | YUL 10         | Y04015           |               | 0.000 | 0.0.0      |
| 0790   | U | 0476 | 0429 | 01/12/97?                                    | PRETORIA Z POTG                                                | (B)                       | [1st GEN] no name<br><subsequent report>                                                                                                                                      | PHY 15-2       | P33559           |               | 0.000 | 0.0.0      |
| 0846   | M | 0378 | 0424 | 09/11/00                                     | EL COYOTE RANCH                                                | (B)                       | [2nd GEN] Dubya                                                                                                                                                               | COY 11         | none             |               | 0.000 | 0.0.0      |
| 0847   | M | 0670 | 0486 | 13/11/00<br>13/11/00                         | DISNEY'S AN KGD<br>FORT WORTH ZOO                              | (BL)<br>(LO)              | [2nd GEN] Badru<br>Badru                                                                                                                                                      | OSN 01         | 000664<br>200468 |               | 0.000 | 0.0.0      |
| 0855   | F | WILD | WILD | 23/05/52<br>23/12/52                         | SW AFR NAMIBIA<br>JOHANNESBURG ZOO                             | (WB)<br>(P)               | [0 GEN]<br>no name<br><7 ms on arrival><br><subsequent report><br>UNK MEANS-<br>no INFO submitted                                                                             | JHB 03         | 3845             | 28/04/53      | 0.000 | 0.0.0      |
| 0856   | M | WILD | WILD | 21/03/93<br>01/03/95<br>20/09/96             | S AFR NATAL<br>HUME JOHN S AFR<br>JOHANNESBURG ZOO             | (WB)<br>(P)<br>(L)        | [0 GEN]<br><owner> <date est.><br>Ollie<br><3.6 ys on arrival><br><subsequent report><br>Status of 03.2001                                                                    | JHB 04         | none<br>2649     |               | 0.000 | 0.0.0      |
| 0858   | M | 0378 | 0461 | 02/01/01                                     | EL COYOTE RANCH                                                | (B)                       | [1st GEN] Sam Houston                                                                                                                                                         | COY 12         | none             |               | 0.000 | 0.0.0      |
| 0862   | M | WILD | WILD | 25/02/23<br>25/02/27<br>01/03/27<br>05/04/31 | S AFR ZIMBABWE<br>RUHE HANOVER<br>DUSSELDORF ZOO<br>VIENNA ZOO | (WB)<br>(P)<br>(P)<br>(P) | [0 GEN]<br><importer><br><br>Toni I<br><8.2 ys on arrival at VIE><br><subsequent registration><br><source Rookmaker:<br>all data><br>got KILLED<br>in an air raid<br>in WW II | VIE 001        | none<br>none     | 21/02/45      | 0.000 | 0.0.0      |

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
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| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | O       | DONATION IN  | TF | TRANSFER |
|    |                 | O?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH OF WILD BORN individuals estimated in accordance with data available from PNY; CAPTIVE LOCATION

Southern Black rhinoceros - *Diceros bicornis minor*

STUDBOOK POPULATION IN NUMERICAL ORDER

| STUD # | S | SIRE | DAM  | DATE OF BIRTH/ARRIVAL | LOCATION OF BIRTH/TRANSFER | TERMS | GENERATION/HOUSE NAME/PRIMARY CAUSE OF DEATH | BREEDER ARKS/NAME/# LOCAL ID | DATE OF DEATH | FCOEF | OFF-SPRING |
|--------|---|------|------|-----------------------|----------------------------|-------|----------------------------------------------|------------------------------|---------------|-------|------------|
| 2863   | F | 2401 | 0422 | 19/05/01              | GLN ROSE FOSSIL (B)        |       | [2nd GEN] name unk                           | FOS 09 9126                  |               | 0.000 | 0.0.0      |

Compiler: Hannelore Mercado

KEY FOR TERMS:

|    |                 |       |                   |         |              |    |          |
|----|-----------------|-------|-------------------|---------|--------------|----|----------|
| WB | WILD BORN       | BL    | BREEDING LOAN IN  | L       | LOAN IN      | P  | PURCHASE |
| B  | CAPTIVE BORN    | LO    | BREEDING LOAN OUT | R       | LOAN RETURN  | TD | TRADE    |
| UB | BIRTH TYPE UNKN |       |                   | D       | DONATION IN  | TF | TRANSFER |
|    |                 | 0?GEN | BIRTH TYPE UNKN   | 1st?GEN | PARENTS UNKN |    |          |

NOTE: DATE OF BIRTH of WILD BORN individuals estimated in accordance with data available from FIRST CAPTIVE LOCATION