

International
Sumatran Rhino Studbook

Dicerorhinus sumatrensis

Compiled by:

Frank Oberwemmer

Data current as of 31 December 2014



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I N T R O D U C T I O N

Please notify the studbook keeper of any corrections or additions

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Dear Colleagues,

After 2010 this is a new update on the Sumatran rhino ISB. I have asked **Datuk John Payne** (Head of Borneo Rhino Alliance / BORA) to summarise the current situation of this species. I am happy to present his view below.

Frank Oberwemmer, January 2015

Sumatran rhinoceros was already critically endangered with extinction many decades ago. It is little short of a miracle that the species is not already extinct. By 1970s, all wild populations were so small as to be either unviable or in need of serious support to boost numbers. The reality was that even the largest population remaining in the twentieth century, in the Leuser mountains of Sumatra, was under chronic pressure from hunting, a situation that persists today.

Despite periodic excitement at a birth of a Sumatran rhino, both in captive conditions and in the wild, these events are essentially anecdotes which should not seduce us into thinking that overall Sumatran rhino numbers will ever increase under a „business-as usual“ scenario. The overall picture for this species over the past century has been a story of more deaths than births. The 1984 IUCN-brokered attempt to form a globally managed captive population failed for a variety of reasons, not least of which was unwillingness to freely share information and rhinos with the sole goal of producing offspring. One of the results of this sad failure has been a reluctance to consider the possibility that remaining wild rhinos cannot ensure the species' survival if left in situ, and that a fresh attempt to bring wild rhinos into fenced, managed facilities under an international programme might yet represent the best means to address the current critical need : to clearly boost overall birth rate above death rate.

The experience in Malaysia, where three Sumatran rhinos are in managed conditions, and probably none remaining in the wild, is that attempts to produce rhino embryos in vitro now have to be pursued urgently. For Malaysia, the alternative is to abandon the Sumatran rhino to extinction. Collaboration between Indonesia and Malaysia on a single programme has been discussed, most intensively at the Sumatran Rhino Crisis Summit hosted by Wildlife Reserves Singapore in April 2013. But at time of writing, collaboration has yet to materialize. Differences of opinion remain on necessary actions to prevent extinction, with some parties advocating to enhance protection of wild rhinos while obtaining more information through camera trapping and faecal DNA analysis, and others, noting that the fertility status of a rhino can be ascertained only by close investigation, urge for capture of more wild rhinos while the opportunity still exists.

The current array of captive Sumatran rhinos, separated between two main facilities in Indonesia and Malaysia, is insufficient to save the species: three closely-related captive bred males; one old wild caught male; two females with severe reproductive tract pathology; one old female and two young, unrelated females. The clock has been ticking for this species for a century.

Bold decisions are needed now. Surely Sumatran rhinos in captive conditions must have a key role to play.

John Payne (BORA), January 2015

Studbook Legend

Stud#: Animal's permanent studbook number. Studbook numbers may not always be assigned chronologically, due to animals being recorded as they become known to the Studbook Keeper.

Sex: M for male, m for castrated male, F for female, cont if contracepted, neut if neutered, U for unknown sex

Birth Date: Animal's birth date. A tilde mark, '~', before a date indicates that it is approximate. '??' indicates that the date is unknown.

Sire and Dam: Studbook numbers for the animal's sire and dam. 'UNK' if unknown. 'MULT' if several candidates have been identified. 'WILD' if the sire or dam was considered to be wild-caught - this animal is a founder.

Location: The institution holding the animal at the time. If the animal is no longer traceable by the Studbook Keeper, 'ltf' (lost-to-followup) will appear to the right of the last known location.

Date: The date on which the event occurred. A tilde mark, '~', before a date indicates that it is approximate. '??' indicates that the date is unknown.

Local ID: The identification assigned by the specimen's location, often its ISIS number, house number, or occasionally house name.

Event: Capture, Birth, Transfer, Loan, Ownership change, Death or Release

Identifiers: House Name, Transponder, Tag/Band, Tattoo, Notch

SUMATRAN RHI NO Studbook

Restricted to: (Dicerorhinus sumatrensis)

Status: Living on 31 Dec 2014

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|-------|-----|-------------|------|------|------------|-------------|----------|-----------|---------|
| 32 | F | ???? | WILD | WILD | SUMATRA | 17 May 1991 | NONE | Capture | BI NA |
| | | | | | BOGOR | 2 Sep 1991 | _____ | Transfer | |
| | | | | | SRS WK | 8 Jan 1998 | 000002 | Transfer | |
| 42 | M | 13 Sep 2001 | 28 | 29 | CINCI NNAT | 13 Sep 2001 | 2001 | Birth | ANDALAS |
| | | | | | PHPA | 13 Sep 2001 | _____ | Ownership | |
| | | | | | LOSANGELE | 20 Jun 2003 | 990798 | Loan to | |
| | | | | | SRS WK | 20 Feb 2007 | _____ | Transfer | |
| 44 | M | 29 Apr 2007 | 28 | 29 | CINCI NNAT | 29 Apr 2007 | 107055 | Birth | HARAPAN |
| | | | | | PHPA | 29 Apr 2007 | _____ | Ownership | |
| | | | | | YULEE | 11 Nov 2008 | Y84035 | Loan to | |
| | | | | | LOSANGELE | 14 Nov 2011 | 991746 | Loan to | |
| | | | | | CINCI NNAT | 2 Jul 2013 | 107055 | Loan to | |
| 45 | F | ~ Jul 2002 | WILD | WILD | SUMATRA | 30 Sep 2005 | NONE | Capture | Rosa |
| | | | | | SRS WK | 26 Nov 2005 | _____ | Transfer | |
| 46 | F | ~ Jul 2000 | WILD | WILD | WILD | ???? | NONE | Capture | Ratu |
| | | | | | SRS WK | 20 Sep 2005 | _____ | Transfer | |
| 47 | M | ~ 1993 | WILD | WILD | SABAH | ~ Aug 2008 | NONE | Capture | TAM |
| | | | | | TABIN | ~ Aug 2008 | NONE | Transfer | |
| 50 | M | 23 Jun 2012 | 42 | 46 | SRS WK | 23 Jun 2012 | _____ | Birth | Andatu |
| 51 | F | ~ 1999 | WILD | WILD | SABAH | 18 Dec 2011 | NONE | Capture | PUNTUNG |
| | | | | | TABIN | 25 Dec 2011 | NONE | Transfer | |
| 57 | F | ~ 1999 | WILD | WILD | DANUM VAL | 10 Mar 2014 | NONE | Capture | Iman |
| | | | | | TABIN | 21 Mar 2014 | NONE | Transfer | |

TOTALS: 4.5.0 (9)

SUMATRAN RHI NO Studbook

Restricted to: (Dicerorhinus sumatrensis)

Status: All dates before 31 Dec 2014

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|------------------------------------------------------------------------------|-----|------------|------|------|-------------|-------------|----------|----------|-----------|
| 1 | F | ???? | WILD | WILD | MALAYSIA | 30 Apr 1984 | NONE | Capture | JERAM |
| | | | | | MELAKA | 30 Apr 1984 | ZM134 | Transfer | |
| | | | | | SUNG DUSN | 13 Jan 1987 | _____ | Transfer | |
| | | | | | MELAKA | 15 Aug 1987 | ZM134 | Transfer | |
| | | | | | SUNG DUSN | 31 May 1991 | _____ | Transfer | |
| | | | | | MELAKA | 6 Feb 1993 | ZM134 | Transfer | |
| | | | | | 10 Jul 2002 | | Death | | |
| [Death by: Other/Unknown Unknown No necropsy planned Mechanical abnormality] | | | | | | | | | |
| 2 | M | ???? | WILD | WILD | MALAYSIA | 1 May 1984 | NONE | Capture | ERONG |
| | | | | | MELAKA | 1 May 1984 | _____ | Transfer | |
| | | | | | | 1 Jun 1984 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 3 | F | ???? | WILD | WILD | MALAYSIA | 18 Apr 1985 | 2 | Capture | MELINTANG |
| | | | | | MELAKA | 18 Apr 1985 | 2 | Transfer | |
| | | | | | BANGKOK | ~ Jul 1986 | _____ | Transfer | |
| | | | | | | ~ Nov 1986 | | Death | |
| [Death by: Self-inflicted injuries Unknown Unknown (after necropsy)] | | | | | | | | | |
| 4 | M | ???? | WILD | WILD | SUMATRA | 25 Nov 1985 | NONE | Capture | TORGAMBA |
| | | | | | LYMPNE | 5 Apr 1986 | P86015 | Transfer | |
| | | | | | SRS WK | 8 Jan 1998 | 000001 | Loan to | |
| | | | | | | 25 Apr 2011 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 5 | F | ???? | WILD | WILD | SUMATRA | 23 Jan 1986 | NONE | Capture | RIAU |
| | | | | | | 23 Jan 1986 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|--------------------------------------------------------------------|-----|------------|------|------|---------------------------|-------------|----------|----------|----------|
| 6 | M | ???? | WILD | WILD | SUMATRA | 2 Feb 1986 | NONE | Capture | ROKAN |
| | | | | | SURABAYA | ~ May 1988 | _____ | Transfer | |
| | | | | | | 12 Aug 1993 | | Death | |
| | | | | | [Death by: Unknown means] | | | | |
| 7 | F | ???? | WILD | WILD | MALAYSIA | 10 Feb 1986 | 3 | Capture | RI MA |
| | | | | | MELAKA | 10 Feb 1986 | 3 | Transfer | |
| | | | | | SUNG DUSN | 13 Jan 1987 | 3 | Transfer | |
| | | | | | MELAKA | 6 Mar 1987 | 3 | Transfer | |
| | | | | | SUNG DUSN | 4 Feb 1993 | 3 | Transfer | |
| | | | | | | 12 Apr 2003 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 8 | M | ???? | WILD | WILD | SUMATRA | 23 Mar 1986 | NONE | Capture | JALU |
| | | | | | JAKARTA | 24 May 1986 | _____ | Transfer | |
| | | | | | | 15 Jun 1994 | | Death | |
| | | | | | [Death by: Unknown means] | | | | |
| 9 | M | ???? | WILD | WILD | SUMATRA | 15 Jun 1986 | 6 | Capture | NAPANGGA |
| | | | | | MELAKA | 25 Apr 1987 | 6 | Transfer | |
| | | | | | | 6 Aug 1987 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 10 | F | ???? | WILD | WILD | SUMATRA | 22 Jun 1986 | NONE | Capture | SUBUR |
| | | | | | LYMPNE | 26 Aug 1986 | P86016 | Transfer | |
| | | | | | | 29 Oct 1986 | | Death | |
| [Death by: Infection associated Bury Generalized Bacterial] | | | | | | | | | |
| 11 | F | ???? | WILD | WILD | MALAYSIA | 6 Jul 1986 | 4 | Capture | JULIA |
| | | | | | MELAKA | 6 Jul 1986 | 4 | Transfer | |
| | | | | | SUNG DUSN | 13 Jan 1987 | 4 | Transfer | |
| | | | | | MELAKA | 21 Apr 1989 | 4 | Transfer | |
| | | | | | | 15 Dec 1989 | | Death | |
| [Death by: Other/Unknown Unknown Digestive Mechanical abnormality] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|----------------------------------------------------------------------------|-----|-------------|------|------|-----------|-------------|----------|----------|-------------|
| 12 | F | ???? | WILD | WILD | MALAYSIA | 9 Sep 1986 | 5 | Capture | DUSUN |
| | | | | | MELAKA | 9 Sep 1986 | 5 | Transfer | |
| | | | | | SUNG DUSN | 13 Jan 1987 | 5 | Transfer | |
| | | | | | MELAKA | 6 Mar 1987 | 5 | Transfer | |
| | | | | | JAKARTA | 25 Apr 1987 | _____ | Transfer | |
| | | | | | SRS WK | 8 Jan 1998 | 000003 | Transfer | |
| | | | | | | 7 Feb 2001 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 13 | F | ~ 1983 | WILD | WILD | MALAYSIA | 25 Feb 1987 | 7 | Capture | PANJANG |
| | | | | | SUNG DUSN | 25 Feb 1987 | 7 | Transfer | |
| | | | | | MELAKA | 5 Mar 1987 | 7 | Transfer | |
| | | | | | SUNG DUSN | 25 Sep 1987 | 7 | Transfer | |
| | | | | | MELAKA | 20 Apr 1989 | 7 | Transfer | |
| | | | | | SUNG DUSN | 27 Apr 1991 | 7 | Transfer | |
| | | | | | MELAKA | 9 May 1995 | 7 | Transfer | |
| | | | | | SUNG DUSN | 10 Feb 1999 | 7 | Transfer | |
| | | | | | | 9 Nov 2003 | | Death | |
| [Death by: Infection associated Unknown Generalized Protozoan] | | | | | | | | | |
| 14 | M | ???? | WILD | WILD | SABAH | 26 Mar 1987 | NONE | Capture | |
| | | | | | | 26 Mar 1987 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 15 | F | 23 May 1987 | WILD | 7 | MELAKA | 23 May 1987 | 8 | Birth | MI NAH |
| | | | | | SUNG DUSN | 1 Oct 1997 | _____ | Transfer | |
| | | | | | | 16 Nov 2003 | | Death | |
| [Death by: Infection associated Unknown Generalized Protozoan] | | | | | | | | | |
| 16 | F | ???? | WILD | WILD | MALAYSIA | 1 Jul 1987 | 9 | Capture | SERI DELIMA |
| | | | | | MELAKA | 1 Jul 1987 | 9 | Transfer | |
| | | | | | | 23 Sep 1988 | | Death | |
| [Death by: Infection associated Mounted or Preserved: Digestive Bacterial] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|-------------------------------------------------------------------------------------------------------------|-----|------------|------|------|-----------|-------------|----------|----------|-----------|
| 17 | M | ???? | WILD | WILD | SABAH | 14 Jul 1987 | NONE | Capture | TENEGANG |
| | | | | | SEPILOK | 14 Jul 1987 | _____ | Transfer | |
| | | | | | | 22 Apr 1992 | | Death | |
| [Death by: Other/Unknown Unknown Unknown (after necropsy) Mechanical abnormality] | | | | | | | | | |
| 18 | F | ???? | WILD | WILD | SUMATRA | 21 Jul 1987 | NONE | Capture | MERANTI |
| | | | | | LYMPNE | 30 Apr 1988 | P88020 | Transfer | |
| | | | | | | 4 Nov 1994 | | Death | |
| [Death by: Other/Unknown Given to an institution: ROYAL MUSEUM OF SCOTLAND Reproductive New growths/cancer] | | | | | | | | | |
| 19 | F | ???? | WILD | WILD | MALAYSIA | 26 Aug 1987 | 10 | Capture | MAS MERAH |
| | | | | | MELAKA | 26 Aug 1987 | 10 | Transfer | |
| | | | | | SUNG DUSN | 2 May 1991 | 10 | Transfer | |
| | | | | | | 17 Nov 2003 | | Death | |
| [Death by: Infection associated Unknown Generalized Protozoan] | | | | | | | | | |
| 20 | M | ~ 1984 | WILD | WILD | MALAYSIA | 26 Mar 1988 | 11 | Capture | SHAH |
| | | | | | MELAKA | 26 Mar 1988 | 11 | Transfer | |
| | | | | | SUNG DUSN | 2 May 1991 | 11 | Transfer | |
| | | | | | MELAKA | 14 Dec 1995 | _____ | Transfer | |
| | | | | | SUNG DUSN | 7 Apr 1997 | _____ | Transfer | |
| | | | | | | 19 Jan 2002 | | Death | |
| [Death by: Infection associated Unknown Digestive Nutrition] | | | | | | | | | |
| 21 | M | ???? | WILD | WILD | SABAH | 24 May 1988 | NONE | Capture | |
| | | | | | | 25 May 1988 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 22 | F | ???? | WILD | WILD | SUMATRA | 8 Jul 1988 | NONE | Capture | DALU |
| | | | | | BOGOR | 30 Nov 1988 | _____ | Transfer | |
| | | | | | | 27 Jul 1993 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|----------------------------------------------------------------------------------|-----|------------|------|------|-----------|-------------|----------|-------------|-----------|
| 23 | F | ???? | WILD | WILD | MALAYSIA | 11 Jul 1988 | | 12 Capture | SEPUTIH |
| | | | | | MELAKA | 12 Jul 1988 | | 12 Transfer | |
| | | | | | SUNG DUSN | 31 May 1991 | | 12 Transfer | |
| | | | | | | 28 Oct 2003 | | Death | |
| [Death by: Infection associated Unknown Generalized Protozoan] | | | | | | | | | |
| 24 | F | ~ 1984 | WILD | WILD | SUMATRA | 22 Jul 1988 | NONE | Capture | MAHATU |
| | | | | | PHPA | 23 Jul 1988 | _____ | Ownership | |
| | | | | | LOSANGELE | 25 Nov 1988 | 95642 | Loan to | |
| | | | | | CINCINNAT | 5 Jun 1989 | 189051 | Loan to | |
| | | | | | | 10 May 1992 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 25 | F | ~ 1988 | WILD | WILD | SUMATRA | 24 Jul 1988 | NONE | Capture | SI KUMU |
| | | | | | PHPA | 25 Jul 1988 | _____ | Ownership | |
| | | | | | SANDIEGOZ | 25 Nov 1988 | 588440 | Loan to | |
| | | | | | | 22 Feb 1995 | | Death | |
| [Death by: Euthanasia (medical) Unknown Unknown (after necropsy)] | | | | | | | | | |
| 26 | F | ???? | WILD | WILD | SABAH | 22 Apr 1989 | NONE | Capture | LUN PARAI |
| | | | | | SEPILOK | 22 Apr 1989 | _____ | Transfer | |
| | | | | | TABIN | 10 Dec 1998 | _____ | Transfer | |
| | | | | | SEPILOK | 13 Apr 2000 | _____ | Transfer | |
| | | | | | | 23 Aug 2000 | | Death | |
| [Death by: Infection associated Unknown Generalized Bacterial] | | | | | | | | | |
| 27 | F | ~ 1983 | WILD | WILD | SUMATRA | 26 Aug 1989 | NONE | Capture | RAPUNZEL |
| | | | | | PHPA | 27 Aug 1989 | _____ | Ownership | |
| | | | | | LOSANGELE | 29 Nov 1989 | 95827 | Loan to | |
| | | | | | NY BRONX | 16 May 1990 | 901217 | Loan to | |
| | | | | | CINCINNAT | 6 Feb 1993 | 193018 | Loan to | |
| | | | | | NY BRONX | 13 Mar 2001 | 901217 | Loan to | |
| | | | | | | 22 Dec 2005 | | Death | |
| [Death by: Euthanasia (medical) Given to an institution: Necropsy planned Later] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|------------------------------------------------------------------------------|-----|------------|------|------|-----------|-------------|----------|-----------|------------|
| 28 | M | ???? | WILD | WILD | SUMATRA | 23 Jul 1990 | NONE | Capture | IPUH/BAGUS |
| | | | | | PHPA | 24 Jul 1990 | _____ | Ownership | |
| | | | | | SANDIEGOZ | 10 Apr 1991 | 591183 | Loan to | |
| | | | | | CINCINNAT | 25 Oct 1991 | 191091 | Loan to | |
| | | | | | | 18 Feb 2013 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 29 | F | ~ 1988 | WILD | WILD | SUMATRA | 6 Mar 1991 | NONE | Capture | EMI/EMBAM |
| | | | | | PHPA | 7 Mar 1991 | _____ | Ownership | |
| | | | | | LOSANGELE | 23 Nov 1991 | 004062 | Loan to | |
| | | | | | CINCINNAT | 5 Aug 1995 | 195129 | Loan to | |
| | | | | | | 5 Sep 2009 | | Death | |
| [Death by: Other/Unknown Unknown No necropsy planned Mechanical abnormality] | | | | | | | | | |
| 30 | M | ???? | WILD | WILD | SUMATRA | 18 Apr 1991 | NONE | Capture | ROMI |
| | | | | | BOGOR | 2 Sep 1991 | _____ | Transfer | |
| | | | | | | 6 Jul 1997 | | Death | |
| [Death by: Infection associated Unknown No necropsy planned] | | | | | | | | | |
| 31 | M | ???? | WILD | WILD | SABAH | 5 May 1991 | NONE | Capture | TAKALA |
| | | | | | SEPILOK | 5 May 1991 | _____ | Transfer | |
| | | | | | | 8 May 1995 | | Death | |
| [Death by: Infection associated Unknown Generalized Toxicity] | | | | | | | | | |
| 32 | F | ???? | WILD | WILD | SUMATRA | 17 May 1991 | NONE | Capture | BINA |
| | | | | | BOGOR | 2 Sep 1991 | _____ | Transfer | |
| | | | | | SRS WK | 8 Jan 1998 | 000002 | Transfer | |
| 33 | F | ???? | WILD | WILD | SUMATRA | 12 Jun 1991 | NONE | Capture | RAMI |
| | | | | | PHPA | 13 Jun 1991 | _____ | Ownership | |
| | | | | | SANDIEGOZ | 23 Nov 1991 | 691738 | Loan to | |
| | | | | | | 25 May 1992 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|-------|-----|------------|------|------|-----------|-------------|----------|-----------|-------------------------------------------------------------------------|
| 34 | F | ???? | WILD | WILD | SUMATRA | 17 Jan 1992 | NONE | Capture | WIWIEN |
| | | | | | SURABAYA | 25 Jul 1992 | _____ | Transfer | |
| | | | | | | 12 Nov 1996 | | Death | |
| | | | | | | | | | [Death by: Infection associated Unknown Urinary Unknown after necropsy] |
| 35 | M | ???? | WILD | WILD | SUMATRA | 20 Mar 1992 | NONE | Capture | TANJUNG |
| | | | | | PHPA | 21 Mar 1992 | _____ | Ownership | |
| | | | | | SANDIEGOZ | 30 Aug 1992 | 592372 | Loan to | |
| | | | | | | 27 Feb 1995 | | Death | |
| | | | | | | | | | [Death by: Other/Unknown Unknown Digestive Mechanical abnormality] |
| 36 | M | ~ 1982 | WILD | WILD | SABAH | 27 Aug 1992 | NONE | Capture | SIDOM |
| | | | | | SEPILOK | 28 Aug 1992 | _____ | Transfer | |
| | | | | | | 20 Jan 1997 | | Death | |
| | | | | | | | | | [Death by: Other/Unknown Unknown Digestive Unknown after necropsy] |
| 37 | M | ~ 1988 | WILD | WILD | SABAH | 7 Jul 1993 | NONE | Capture | BULUD |
| | | | | | TABIN | 25 Sep 1993 | _____ | Itf | |
| 38 | M | ~ 1989 | WILD | WILD | SABAH | 20 Jul 1993 | NONE | Capture | TANJUNG |
| | | | | | SEPILOK | 27 Jul 1993 | _____ | Transfer | |
| | | | | | | ???? | | Death | |
| | | | | | | | | | [Death by: Large falling tree branch] |
| 39 | M | ~ 1984 | WILD | WILD | MALAYSIA | 24 Aug 1994 | NONE | Capture | ARA |
| | | | | | MELAKA | 25 Aug 1994 | _____ | Transfer | |
| | | | | | SUNG DUSN | 14 Dec 1995 | _____ | Transfer | |
| | | | | | | 8 Nov 2003 | | Death | |
| | | | | | | | | | [Death by: Infection associated Unknown Generalized Protozoan] |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|-----------------------------------------------------------------------------|-----|-------------|------|------|-------------|-------------|----------|-----------|---------|
| 40 | F | ~ 1989 | WILD | WILD | SABAH | 17 Jun 1994 | NONE | Capture | GOLOGOB |
| | | | | | SEPI LOK | 20 Jun 1994 | NONE | Transfer | |
| | | | | | PENAMPANG | 1 Mar 2007 | NONE | Transfer | |
| | | | | | TABIN | 1 Sep 2010 | NONE | Transfer | |
| | | | | | PENAMPANG | 28 Mar 2013 | NONE | Transfer | |
| | | | | | 11 Jan 2014 | | Death | | |
| [Death by: Old age Unknown Unknown (after necropsy) ERROR-CODE NOT FOUND] | | | | | | | | | |
| 41 | M | ~ 1990 | WILD | WILD | SABAH | 22 Nov 1995 | NONE | Capture | MALBUMI |
| | | | | | SEPI LOK | 25 Nov 1995 | _____ | Transfer | |
| | | | | | | 4 Dec 1997 | | Death | |
| [Death by: Infection associated Unknown Unknown (after necropsy) Bacterial] | | | | | | | | | |
| 42 | M | 13 Sep 2001 | 28 | 29 | CINCINNAT | 13 Sep 2001 | 2001 | Birth | ANDALAS |
| | | | | | PHPA | 13 Sep 2001 | _____ | Ownership | |
| | | | | | LOSANGELE | 20 Jun 2003 | 990798 | Loan to | |
| | | | | | SRS WK | 20 Feb 2007 | _____ | Transfer | |
| 43 | F | 30 Jul 2004 | 28 | 29 | CINCINNAT | 30 Jul 2004 | 104044 | Birth | SUCI |
| | | | | | PHPA | 30 Jul 2004 | _____ | Ownership | |
| | | | | | CINCINNAT | 30 Mar 2014 | | Death | |
| [Death by: Unknown means] | | | | | | | | | |
| 44 | M | 29 Apr 2007 | 28 | 29 | CINCINNAT | 29 Apr 2007 | 107055 | Birth | HARAPAN |
| | | | | | PHPA | 29 Apr 2007 | _____ | Ownership | |
| | | | | | YULEE | 11 Nov 2008 | Y84035 | Loan to | |
| | | | | | LOSANGELE | 14 Nov 2011 | 991746 | Loan to | |
| | | | | | CINCINNAT | 2 Jul 2013 | 107055 | Loan to | |
| 45 | F | ~ Jul 2002 | WILD | WILD | SUMATRA | 30 Sep 2005 | NONE | Capture | Rosa |
| | | | | | SRS WK | 26 Nov 2005 | _____ | Transfer | |
| 46 | F | ~ Jul 2000 | WILD | WILD | WILD | ???? | NONE | Capture | Ratu |
| | | | | | SRS WK | 20 Sep 2005 | _____ | Transfer | |

| Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name |
|-------|-----|-------------|------|------|------------|-------------|----------|--------------------------------------------------------------------------------|---------|
| 47 | M | ~ 1993 | WILD | WILD | SABAH | ~ Aug 2008 | NONE | Capture | TAM |
| | | | | | TABIN | ~ Aug 2008 | NONE | Transfer | |
| 48 | ? | ~ 2009 | 42 | 46 | SRS WK | ~ 2009 | _____ | Birth | |
| | | | | | | ~ 2009 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |
| 49 | ? | ~ 2010 | 42 | 46 | SRS WK | ~ 2010 | _____ | Birth | |
| | | | | | | ~ 2010 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |
| 50 | M | 23 Jun 2012 | 42 | 46 | SRS WK | 23 Jun 2012 | _____ | Birth | Andatu |
| 51 | F | ~ 1999 | WILD | WILD | SABAH | 18 Dec 2011 | NONE | Capture | PUNTUNG |
| | | | | | TABIN | 25 Dec 2011 | NONE | Transfer | |
| 52 | ? | 29 Oct 1997 | 28 | 29 | CINCI NNAT | 29 Oct 1997 | _____ | Birth | |
| | | | | | | 29 Oct 1997 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |
| 53 | ? | 29 Nov 1997 | 28 | 29 | CINCI NNAT | 29 Nov 1997 | _____ | Birth | |
| | | | | | | 29 Nov 1997 | | Death | |
| | | | | | | | | [Death by: Other/Unknown Unknown No necropsy planned Mechanical abnormality] | |
| 54 | ? | 26 Jun 1998 | 28 | 29 | CINCI NNAT | 26 Jun 1998 | _____ | Birth | |
| | | | | | | 26 Jun 1998 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |
| 55 | ? | 11 Sep 1998 | 28 | 29 | CINCI NNAT | 11 Sep 1998 | _____ | Birth | |
| | | | | | | 11 Sep 1998 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |
| 56 | ? | 10 Jan 2000 | 28 | 29 | CINCI NNAT | 10 Jan 2000 | _____ | Birth | |
| | | | | | | 10 Jan 2000 | | Death | |
| | | | | | | | | [Death by: Premature birth Unknown No necropsy planned Mechanical abnormality] | |

```

=====
Stud# | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Event | Name
=====
      57  F      -1999      WILD  WILD  DANUM VAL  10 Mar 2014  NONE  Capture  Iman
                                TABIN      21 Mar 2014  NONE  Transfer
=====
TOTALS: 22.28.7 (57)

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Compiled by: Frank Oberwemmer thru Zoologischer Garten Leipzig

Data current thru: 31 Dec 2014 - International

Printed on 8 Jan 2015 using Sparks v1.64

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