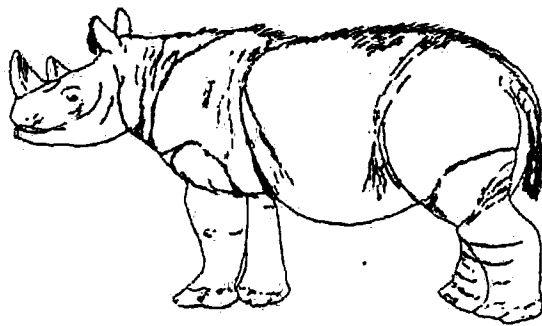


**INTERNATIONAL
STUDBOOK**

for

SUMATRAN RHINO
(Dicerorhinus sumatrensis)



31 October 1999

Compiled By
Thomas J. Foose, Ph.D.
International Rhino Foundation

OVERVIEW AND SUMMARY

SUMMARY – CAPTIVE PROGRAMS SUMATRAN RHINO – 1984 TO 1999

<u>Country</u>	<u>Captured</u>	<u>Born</u>	<u>Imported</u>	<u>Exported</u>	<u>Released</u>	<u>Died</u>	<u>Alive</u>
P. Malaysia	3/9	0/1	1/0	0/2	0/0	2/2	2/6
Sabah	8/2	0/0	0/0	0/0	1/0	6/0	1/2
Indonesia	7/11	0/0	1/1	4/7	0/0	3/3	1/2
Thailand	0/0	0/0	0/1	0/0	0/0	0/1	0/0
U.K.	0/0	0/0	1/2	1/0	0/0	0/2	0/0
U.S.A.	0/0	0/0	2/5	0/0	0/0	1/3	1/2
TOTAL	<u>18/22 =</u> 40	<u>0/1</u>	<u>5/9</u>	<u>5/9</u>	<u>1/0</u>	<u>12/11 =</u> 23	<u>5/12 =</u> 17

T.J. Foose
September 1999

REPRODUCTIVE STATUS OF SUMATRAN RHINOS IN BREEDING CENTRES

Facility	Sex	Name	Captured	Estimated age	Cycling	Pathology	Copulation	Pregnancy NOW	Pregnancy PAST	RECOMMENDATIONS
<i>Dicerorhinus sumatrensis sumatrensis</i> - Malaysia										
Sungei Dusun & Melaka, MALAYSIA										
♀		MINAH (Born in facility)	1987	12	Y	N	Y _(12/98)	?	N	Confirm pregnancy. Bloodplasma-April. Isolate from male when confirmed
♀		PANJANG (Melaka)	1987	17	Y	N	N	N	?	Introduce to male soonest.
♀		SEPUTIH	1988	20	Y	Y	Y _(2/99)	?	?	With male, continue till copulation.
♀		MAS MERAH	1987	20	Y	Y	N	N	?	Evaluate estrous state for 3 months before pairing with Shah. Ultrasound.
♀		RIMA	1986	20+	Y	N	Y _(9/98)	?	Y	Confirm pregnancy. Bloodplasma-Feb.
♀		JERAM (Melaka)	1984	25+	N	Y	N	N	?	Keep for exhibit
♂		ARA	1994	10+			Y		?	Evaluate sperm if pregnancies do not occur
♂		SHAH	1988	14			N		N	Evaluate sperm
<i>Dicerorhinus sumatrensis sumatrensis</i> - Indonesia										
SRS -Way Kambas, INDONESIA										
♀		BINA	1991	15+	Y	N	?	?	?	Continue current protocol till pregnant. Ultrasound Feb.
♀		DUSUN (from Malaysia)	1986	17+	?	Y	N	N	?	Ultrasound Feb. Develop hormonal therapy to stop lactation/induce estrus
♂		TORGAMBA	1985	20			?		?	Evaluate sperm
Cincinnati Zoo, USA										
♀		EMI	1991	8	Y	N	Y	N	Y	Continue current protocol. Move male after conception. Progesteron suplin
♀		RAPUNZEL	1989	20+	N	Y	N	N	?	Biopsy on uterine 'mass'. Possibly hormonal stimulation.
♂		IPUH	1990	20+			Y		Y	
<i>Dicerorhinus sumatrensis harrissoni</i> - Borneo										
Sepilok & Tabin, SABAH										
♀		LUNPARAI (Tabin)	1989	13	Y	Y	Y	N	?	Move to breeding situation as soon as possible
♀		GOLOGOB	1994	18	Y	Y	Y	N	?	Continue attempts to breed when male healthy
♂		TANJUNG	1994	15			Y		?	Evaluate sperm; Try to breed with Gologob as soon as feasible

LIVING

By Institutions

SUMATRAN RHINO Studbook

Restricted to: (Dicerorhinus sumatrensis)
 Dates: During 25/10/1999 <= date .and. date <= 28/10/1999
 Status: Living during 25 Oct 1999 -> 28 Oct 1999
 Report ordered by: current (last) location..

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Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
--------	-----	------------	------	-----	----------	------	----------	--------------	---------	------------	------

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Cincinnati Zoo & Botanical Garden, Cincinnati, OH, USA

27	F	????	WILD	WILD	SUMATRA	26 Aug 1989	UNK	Wild Born	INDONESIA		RAPUNZEL
					LOSANGELE	29 Nov 1989	UNK		U.S.A.		
					NY BRONX	16 May 1990	UNK		U.S.A.		
					CINCINNAT	6 Feb 1993	UNK		U.S.A.		
28	M	????	WILD	WILD	SUMATRA	23 Jul 1990	UNK	Wild Born	INDONESIA		IPUH/BAGUS
					SANDIEGOZ	10 Apr 1991	UNK		U.S.A.		
					CINCINNAT	25 Oct 1991	UNK		U.S.A.		
29	F	????	WILD	WILD	SUMATRA	6 Mar 1991	UNK	Wild Born	INDONESIA		EMI/IPAK
					LOSANGELE	23 Nov 1991	UNK		U.S.A.		
					CINCINNAT	5 Aug 1995	UNK		U.S.A.		

Totals: 1.2.0 (3)

Sumatran Rhino Sanctuary S R S , LaMpong, INDONESIA

4	M	????	WILD	WILD	SUMATRA	25 Nov 1985	UNK	Wild Born	INDONESIA		TORGAMBA
					LYMPNE	5 Apr 1986	UNK		ENGLAND		
					SRS WK	8 Jan 1998	000001		INDONESIA		
12	F	????	WILD	WILD	WMALAYSIA	9 Sep 1986	5	Wild Born	MALAYSIA		DUSUN
					MELAKA	9 Sep 1986	5		MALAYSIA		
					SUNG DUSN	13 Jan 1987	5		MALAYSIA		
					MELAKA	6 Mar 1987	5		MALAYSIA		
					JAKARTA	25 Apr 1987	UNK		INDONESIA		
SRS WK	8 Jan 1998	000003	INDONESIA								
32	F	????	WILD	WILD	SUMATRA	17 May 1991	UNK	Wild Born	INDONESIA		BINA
					BOGOR	2 Sep 1991	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000002		INDONESIA		

Totals: 1.2.0 (3)

Tabin Wildlife Reserve, Lahadatu, SABAH, MALAYSIA

26	F	????	WILD	WILD	SABAH	22 Apr 1989	UNK	Wild Born	MALAYSIA		LUN PARAI
					SEPILOK	22 Apr 1989	UNK		MALAYSIA		
					TABIN	10 Dec 1998	UNK		MALAYSIA		

Totals: 0.1.0 (1)

SUMATRAN RHINO Studbook

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 Status: Living during 25 Oct 1999 -> 28 Oct 1999
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=====

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
--------	-----	------------	------	-----	----------	------	----------	--------------	---------	------------	------

=====

Zoo Melaka, Air Keroh, PENINSULA, MALAYSIA

1	F	????	WILD	WILD	WMALAYSIA	30 Apr 1984	1	Wild Born	MALAYSIA		JERAM
					MELAKA	30 Apr 1984	1		MALAYSIA		
					SUNG DUSN	13 Jan 1987	1		MALAYSIA		
					MELAKA	15 Aug 1987	1		MALAYSIA		
					SUNG DUSN	31 May 1991	1		MALAYSIA		
					MELAKA	6 Feb 1993	1		MALAYSIA		

Totals: 0.1.0 (1)

Sepilok Rhino Center, Sandakan, SABAH, MALAYSIA

38	M	- 1989	WILD	WILD	SABAH	20 Jul 1993	UNK	Wild Born	MALAYSIA		TANJUNG
					SEPILOK	27 Jul 1993	UNK		MALAYSIA		
40	F	- 1990	WILD	WILD	SABAH	17 Jun 1994	UNK	Wild Born	MALAYSIA		GOLOGOB
					SEPILOK	18 Jun 1994	UNK		MALAYSIA		

Totals: 1.1.0 (2)

Sungai Dusun Rhino Conservation Center, , SELANGOR, MALAYSIA

7	F	????	WILD	WILD	WMALAYSIA	10 Feb 1986	3	Wild Born	MALAYSIA		RIMA
					MELAKA	10 Feb 1986	3		MALAYSIA		
					SUNG DUSN	13 Jan 1987	3		MALAYSIA		
					MELAKA	6 Mar 1987	3		MALAYSIA		
					SUNG DUSN	4 Feb 1993	3		MALAYSIA		
13	F	- 1983	WILD	WILD	WMALAYSIA	25 Feb 1987	7	Wild Born	MALAYSIA		PANJANG
					SUNG DUSN	25 Feb 1987	7		MALAYSIA		
					MELAKA	5 Mar 1987	7		MALAYSIA		
					SUNG DUSN	25 Sep 1987	7		MALAYSIA		
					MELAKA	20 Apr 1989	7		MALAYSIA		
					SUNG DUSN	27 Apr 1991	7		MALAYSIA		
					MELAKA	9 May 1995	7		MALAYSIA		
					SUNG DUSN	10 Feb 1999	7		MALAYSIA		
15	F	23 May 1987	WILD	7	MELAKA	23 May 1987	8	Captive Born	MALAYSIA		MINAH
					SUNG DUSN	1 Oct 1997	UNK		MALAYSIA		
19	F	????	WILD	WILD	WMALAYSIA	26 Aug 1987	10	Wild Born	MALAYSIA		MAS MERAH
					MELAKA	26 Aug 1987	10		MALAYSIA		
					SUNG DUSN	2 May 1991	10		MALAYSIA		

SUMATRAN RHINO Studbook

Page 3

Restricted to: (Dicerorhinus sumatrensis)
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 Status: Living during 25 Oct 1999 -> 28 Oct 1999
 Report ordered by: current (last) location...

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=====
Stud # | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Birth-Origin | Country | Death-Date | Name
=====
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20	M	-1984 +/-1yr	WILD	WILD	WMALAYSIA	26 Mar 1988	11	Wild Born	MALAYSIA			SHAH	
					MELAKA	26 Mar 1988	11						MALAYSIA
					SUNG DUSN	2 May 1991	11						MALAYSIA
					MELAKA	14 Dec 1995	UNK						MALAYSIA
					SUNG DUSN	7 Apr 1997	UNK						MALAYSIA
23	F	????	WILD	WILD	WMALAYSIA	11 Jul 1988	12	Wild Born	MALAYSIA			SEPUTIH	
					MELAKA	12 Jul 1988	12						MALAYSIA
					SUNG DUSN	31 May 1991	12						MALAYSIA
39	M	- 1984	WILD	WILD	WMALAYSIA	24 Aug 1994	UNK	Wild Born	MALAYSIA			ARA	
					MELAKA	25 Aug 1994	UNK						MALAYSIA
					SUNG DUSN	14 Dec 1995	UNK						MALAYSIA

Totals: 2.5.0 (7)

TOTALS: 5.12.0 (17)

6 Institutions

LIVING

By Studbook Number

SUMATRAN RHINO Studbook

Page 1

Restricted to:

(Dicerorhinus sumatrensis)

Dates: During 25/10/1999 <= date .and. date <= 28/10/1999

Status: Living during 25 Oct 1999 -> 28 Oct 1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
1	F	????	WILD	WILD	WMALAYSIA	30 Apr 1984	1	Wild Born	MALAYSIA		JERAM
					MELAKA	30 Apr 1984	1		MALAYSIA		
					SUNG DUSN	13 Jan 1987	1		MALAYSIA		
					MELAKA	15 Aug 1987	1		MALAYSIA		
					SUNG DUSN	31 May 1991	1		MALAYSIA		
					MELAKA	6 Feb 1993	1		MALAYSIA		
4	M	????	WILD	WILD	SUMATRA	25 Nov 1985	UNK	Wild Born	INDONESIA		TORGAMBA
					LYMPNE	5 Apr 1986	UNK		ENGLAND		
					SRS WK	8 Jan 1998	000001		INDONESIA		
7	F	????	WILD	WILD	WMALAYSIA	10 Feb 1986	3	Wild Born	MALAYSIA		RIMA
					MELAKA	10 Feb 1986	3		MALAYSIA		
					SUNG DUSN	13 Jan 1987	3		MALAYSIA		
					MELAKA	6 Mar 1987	3		MALAYSIA		
					SUNG DUSN	4 Feb 1993	3		MALAYSIA		
12	F	????	WILD	WILD	WMALAYSIA	9 Sep 1986	5	Wild Born	MALAYSIA		DUSUN
					MELAKA	9 Sep 1986	5		MALAYSIA		
					SUNG DUSN	13 Jan 1987	5		MALAYSIA		
					MELAKA	6 Mar 1987	5		MALAYSIA		
					JAKARTA	25 Apr 1987	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000003		INDONESIA		
13	F	~ 1983	WILD	WILD	WMALAYSIA	25 Feb 1987	7	Wild Born	MALAYSIA		PANJANG
					SUNG DUSN	25 Feb 1987	7		MALAYSIA		
					MELAKA	5 Mar 1987	7		MALAYSIA		
					SUNG DUSN	25 Sep 1987	7		MALAYSIA		
					MELAKA	20 Apr 1989	7		MALAYSIA		
					SUNG DUSN	27 Apr 1991	7		MALAYSIA		
					MELAKA	9 May 1995	7		MALAYSIA		
					SUNG DUSN	10 Feb 1999	7		MALAYSIA		
15	F	23 May 1987	WILD	7	MELAKA	23 May 1987	8	Captive Born	MALAYSIA		MINAH
					SUNG DUSN	1 Oct 1997	UNK		MALAYSIA		
19	F	????	WILD	WILD	WMALAYSIA	26 Aug 1987	10	Wild Born	MALAYSIA		MAS MERAH
					MELAKA	26 Aug 1987	10		MALAYSIA		
					SUNG DUSN	2 May 1991	10		MALAYSIA		

SUMATRAN RHINO Studbook

Page 2

Restricted to:

(Dicerorhinus sumatrensis)

Dates: During 25/10/1999 <= date .and. date <= 28/10/1999

Status: Living during 25 Oct 1999 -> 28 Oct 1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
20	M	-1984 +/-1yr	WILD	WILD	WMALAYSIA	26 Mar 1988	11	Wild Born	MALAYSIA		SHAH
					MELAKA	26 Mar 1988	11		MALAYSIA		
					SUNG DUSN	2 May 1991	11		MALAYSIA		
					MELAKA	14 Dec 1995	UNK		MALAYSIA		
					SUNG DUSN	7 Apr 1997	UNK		MALAYSIA		
23	F	????	WILD	WILD	WMALAYSIA	11 Jul 1988	12	Wild Born	MALAYSIA		SEPUTIH
					MELAKA	12 Jul 1988	12		MALAYSIA		
					SUNG DUSN	31 May 1991	12		MALAYSIA		
26	F	????	WILD	WILD	SABAH	22 Apr 1989	UNK	Wild Born	MALAYSIA		LUN PARAI
					SEPILOK	22 Apr 1989	UNK		MALAYSIA		
					TABIN	10 Dec 1998	UNK		MALAYSIA		
27	F	????	WILD	WILD	SUMATRA	26 Aug 1989	UNK	Wild Born	INDONESIA		RAPUNZEL
					LOSANGELE	29 Nov 1989	UNK		U.S.A.		
					NY BRONX	16 May 1990	UNK		U.S.A.		
					CINCINNAT	6 Feb 1993	UNK		U.S.A.		
28	M	????	WILD	WILD	SUMATRA	23 Jul 1990	UNK	Wild Born	INDONESIA		IPUH/BAGUS
					SANDIEGOZ	10 Apr 1991	UNK		U.S.A.		
					CINCINNAT	25 Oct 1991	UNK		U.S.A.		
29	F	????	WILD	WILD	SUMATRA	6 Mar 1991	UNK	Wild Born	INDONESIA		EMI/IPAK
					LOSANGELE	23 Nov 1991	UNK		U.S.A.		
					CINCINNAT	5 Aug 1995	UNK		U.S.A.		
32	F	????	WILD	WILD	SUMATRA	17 May 1991	UNK	Wild Born	INDONESIA		BINA
					BOGOR	2 Sep 1991	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000002		INDONESIA		
38	M	~ 1989	WILD	WILD	SABAH	20 Jul 1993	UNK	Wild Born	MALAYSIA		TANJUNG
					SEPILOK	27 Jul 1993	UNK		MALAYSIA		
39	M	~ 1984	WILD	WILD	WMALAYSIA	24 Aug 1994	UNK	Wild Born	MALAYSIA		ARA
					MELAKA	25 Aug 1994	UNK		MALAYSIA		
					SUNG DUSN	14 Dec 1995	UNK		MALAYSIA		
40	F	~ 1990	WILD	WILD	SABAH	17 Jun 1994	UNK	Wild Born	MALAYSIA		GCLOGOB
					SEPILOK	18 Jun 1994	UNK		MALAYSIA		

TOTALS: 5.12.0 (17)

HISTORICAL LIST

By Last Institution

SUMATRAN RHINO Studbook

Page 1

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Report ordered by: current (last) location...

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
Port Lympne Zoo Park, Hythe, Kent, ENGLAND (U.K.)											
10	F	????	WILD	WILD	SUMATRA	22 Jun 1986	UNK	Wild Born	INDONESIA		SUBUR
					LYMPNE	25 Aug 1986	UNK		ENGLAND		
						30 Oct 1986 (died)				30 Oct 1986	
			[Death by: Other/Unknown Unknown Unknown (after Autopsy)]								
18	F	????	WILD	WILD	SUMATRA	21 Jul 1987	UNK	Wild Born	INDONESIA		MERANTI
					LYMPNE	30 Apr 1988	UNK		ENGLAND		
						4 Nov 1994 (died)				4 Nov 1994	
			[Death by: Other/Unknown Given to an Institution: ROYAL MUSEUM OF SCOTLAND Reproductive New Growth]								
Totals: 0.2.0 (2)											

San Diego Zoological Garden, San Diego, CA, USA

25	F	????	WILD	WILD	SUMATRA	24 Jul 1988	UNK	Wild Born	INDONESIA		BARAKAS
					SANDIEGOZ	25 Nov 1988	UNK		U.S.A.		
						22 Feb 1995 (died)				22 Feb 1995	
			[Death by: Euthanasia Unknown Unknown (after Autopsy)]								
33	F	????	WILD	WILD	SUMATRA	12 Jun 1991	UNK	Wild Born	INDONESIA		RAMI
					SANDIEGOZ	23 Nov 1991	UNK		U.S.A.		
						25 May 1992 (died)				25 May 1992	
			[Death by: Other/Unknown Unknown Unknown (after Autopsy)]								
35	M	????	WILD	WILD	SUMATRA	20 Mar 1992	UNK	Wild Born	INDONESIA		TANJUNG
					SANDIEGOZ	29 Aug 1992	UNK		U.S.A.		
						26 Feb 1995 (died)				26 Feb 1995	
			[Death by: Other/Unknown Unknown Digestive Mechanical Abnormality]								
Totals: 1.2.0 (3)											

Cincinnati Zoo & Botanical Garden, Cincinnati, OH, USA

24	F	????	WILD	WILD	SUMATRA	22 Jul 1988	UNK	Wild Born	INDONESIA		MAHATO
					LOSANGELE	25 Nov 1988	UNK		U.S.A.		
					CINCINNAT	5 Jun 1989	UNK		U.S.A.		
						10 May 1992 (died)				10 May 1992	
			[Death by: Other/Unknown Unknown Unknown (after Autopsy)]								
27	F	????	WILD	WILD	SUMATRA	26 Aug 1989	UNK	Wild Born	INDONESIA		RAPUNZEL
					LOSANGELE	29 Nov 1989	UNK		U.S.A.		
					NY BRONX	16 May 1990	UNK		U.S.A.		
					CINCINNAT	6 Feb 1993	UNK		U.S.A.		

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Report ordered by: current (last) location...

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=====
Stud # | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Birth-Origin Country | Death-Date | Name
=====
28 M ???? WILD WILD SUMATRA 23 Jul 1990 UNK Wild Born INDONESIA IPUH/BAGUS
SANDIEGOZ 10 Apr 1991 UNK U.S.A.
CINCINNAT 25 Oct 1991 UNK U.S.A.
29 F ???? WILD WILD SUMATRA 6 Mar 1991 UNK Wild Born INDONESIA EMI/IPAK
LOSANGELE 23 Nov 1991 UNK U.S.A.
CINCINNAT 5 Aug 1995 UNK U.S.A.

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Totals: 1.3.0 (4)

Dusit (bangkok) Zoological Park, Bangkok 10300, , THAILAND

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3 F ???? WILD WILD W MALAYSIA 18 Apr 1985 2 Wild Born MALAYSIA MELINTANG
MELAKA 18 Apr 1985 2 MALAYSIA
BANGKOK - Jul 1986 UNK THAILAND
- Nov 1986 (died) - Nov 1986
[Death by: Self inflicted Injuries Unknown Unknown (after Autopsy)]

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Totals: 0.1.0 (1)

Taman Safari Indonesia, Cisarua, Bogor, INDONESIA

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22 F ???? WILD WILD SUMATRA 8 Jul 1988 UNK Wild Born INDONESIA DALU
BOGOR 30 Nov 1988 UNK INDONESIA
27 Jul 1993 (died) 27 Jul 1993
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]
30 M ???? WILD WILD SUMATRA 18 Apr 1991 UNK Wild Born INDONESIA RCM
BOGOR 2 Sep 1991 UNK INDONESIA
6 Jul 1997 (died) 6 Jul 1997
[Death by: Infection Associated Unknown No Autopsy Planned]

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Totals: 1.1.0 (2)

Kebun Binatang Ragunan Zoo, Jakarta, , INDONESIA

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8 M ???? WILD WILD SUMATRA 23 Mar 1986 UNK Wild Born INDONESIA JALU
JAKARTA 24 May 1986 UNK INDONESIA
15 Jun 1994 (died) 15 Jun 1994
[Death by: Unknown means]

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Totals: 1.0.0 (1)

SUMATRAN RHINO Studbook

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Report ordered by: current (last) location...

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Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
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Kebun Binatang Surabaya, Wonokromo, Surabaya, INDONESIA

6	M	????	WILD	WILD	SUMATRA	2 Feb 1986	UNK	Wild Born	INDONESIA		ROKAN
					SURABAYA	- May 1988	UNK		INDONESIA		
						12 Aug 1993 (died)				12 Aug 1993	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

34	F	????	WILD	WILD	SUMATRA	17 Jan 1992	UNK	Wild Born	INDONESIA		WIWIEN
					SURABAYA	25 Jul 1992	UNK		INDONESIA		
						12 Nov 1996 (died)				12 Nov 1996	

[Death by: Infection Associated Unknown Urinary Unknown (after autopsy)]

Totals: 1.1.0 (2)

SUMATRA, INDONESIA, Malay Arch, ASIAN REGION

5	F	????	WILD	WILD	SUMATRA	23 Jan 1986	UNK	Wild Born	INDONESIA		RIAU
						23 Jan 1986 (died)				23 Jan 1986	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

Totals: 0.1.0 (1)

Sumatran Rhino Sanctuary S R S, Lampung, INDONESIA

4	M	????	WILD	WILD	SUMATRA	25 Nov 1985	UNK	Wild Born	INDONESIA		TORGAMBA
					LYMPNE	5 Apr 1986	UNK		ENGLAND		
					SRS WK	8 Jan 1998	000001		INDONESIA		
12	F	????	WILD	WILD	WMALAYSIA	9 Sep 1986	5	Wild Born	MALAYSIA		DUSUN
					MELAKA	9 Sep 1986	5		MALAYSIA		
					SUNG DUSN	13 Jan 1987	5		MALAYSIA		
					MELAKA	6 Mar 1987	5		MALAYSIA		
					JAKARTA	25 Apr 1987	UNK		INDONESIA		
SRS WK	8 Jan 1998	000003		INDONESIA							
32	F	????	WILD	WILD	SUMATRA	17 May 1991	UNK	Wild Born	INDONESIA		BINA
					BOGOR	2 Sep 1991	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000002		INDONESIA		

Totals: 1.2.0 (3)

Tabin Wildlife Reserve, Lahadatu, SABAH, MALAYSIA

26	F	????	WILD	WILD	SABAH	22 Apr 1989	UNK	Wild Born	MALAYSIA		LUN PARAI
					SEPILOK	22 Apr 1989	UNK		MALAYSIA		
					TABIN	10 Dec 1998	UNK		MALAYSIA		

SUMATRAN RHINO Studbook

Page 4

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Report ordered by: current (last) location...

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Stud # | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Birth-Origin Country | Death-Date | Name
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37	M	- 1988	WILD	WILD	SABAH	7 Jul 1993	UNK	Wild Born	MALAYSIA		BULUD
					TABIN	25 Sep 1993	UNK		MALAYSIA		

Totals: 1.1.0 (2)

Zoo Melaka, Air Keroh, PENINSULA, MALAYSIA

1	F	????	WILD	WILD	WMALAYSIA	30 Apr 1984	1	Wild Born	MALAYSIA		JERAM
					MELAKA	30 Apr 1984	1		MALAYSIA		
					SUNG DUSN	13 Jan 1987	1		MALAYSIA		
					MELAKA	15 Aug 1987	1		MALAYSIA		
					SUNG DUSN	31 May 1991	1		MALAYSIA		
					MELAKA	6 Feb 1993	1		MALAYSIA		

2	M	- 1984	WILD	WILD	WMALAYSIA	1 May 1984	UNK	Wild Born	MALAYSIA		ERONG
					MELAKA	1 Jun 1984 (died)			MALAYSIA	1 Jun 1984	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

9	M	????	WILD	WILD	SUMATRA	15 Jun 1986	6	Wild Born	INDONESIA		NAPANGGA
					MELAKA	25 Apr 1987	6		MALAYSIA		
						6 Aug 1987 (died)				6 Aug 1987	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

11	F	????	WILD	WILD	WMALAYSIA	6 Jul 1986	4	Wild Born	MALAYSIA		JULIA
					MELAKA	6 Jul 1986	4		MALAYSIA		
					SUNG DUSN	13 Jan 1987	4		MALAYSIA		
					MELAKA	21 Apr 1989	4		MALAYSIA		
						15 Dec 1989 (died)				15 Dec 1989	

[Death by: Other/Unknown Unknown Digestive Mechanical Abnormality]

16	F	????	WILD	WILD	WMALAYSIA	1 Jul 1987	9	Wild Born	MALAYSIA		SERIDELIMA
					MELAKA	1 Jul 1987	9		MALAYSIA		
						23 Sep 1988 (died)				23 Sep 1988	

[Death by: Infection Associated Mounted or Preserved: Digestive Bacterial]

Totals: 2.3.0 (5)

SABAH, MALAYSIA, Malay Arch, ASIAN REGION

14	M	????	WILD	WILD	SABAH	26 Mar 1987	UNK	Wild Born	MALAYSIA		
						26 Mar 1987 (died)				26 Mar 1987	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

21	M	????	WILD	WILD	SABAH	24 May 1988	UNK	Wild Born	MALAYSIA		
						25 May 1988 (died)				25 May 1988	

[Death by: Other/Unknown Unknown Unknown (after Autopsy)]

Totals: 2.0.0 (2)

SUMATRAN RHINO Studbook

Restricted to: (Dicerorhinus sumatrensis)
 Dates: During date <= 28/10/1999
 Report ordered by: current (last) location...

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Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
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Sepilok Rhino Center, Sandakan, SABAH, MALAYSIA

17	M	????	WILD	WILD	SABAH	14 Jul 1987	UNK	Wild Born	MALAYSIA		TENEGANG
					SEPILOK	14 Jul 1987	UNK		MALAYSIA		
						22 Apr 1992 (died)				22 Apr 1992	
[Death by: Other/Unknown Unknown Unknown (after Autopsy) Mechanical Abnormality]											
31	M	????	WILD	WILD	SABAH	5 May 1991	UNK	Wild Born	MALAYSIA		TAKALA
					SEPILOK	5 May 1991	UNK		MALAYSIA		
						8 May 1995 (died)				8 May 1995	
[Death by: Infection Associated Unknown Generalized Toxicity]											
36	M	- 1982	WILD	WILD	SABAH	27 Aug 1992	UNK	Wild Born	MALAYSIA		SIDCM
					SEPILOK	28 Aug 1992	UNK		MALAYSIA		
						20 Jan 1997 (died)				20 Jan 1997	
[Death by: Other/Unknown Unknown Digestive Unknown (after autopsy)]											
38	M	- 1989	WILD	WILD	SABAH	20 Jul 1993	UNK	Wild Born	MALAYSIA		TANJUNG
					SEPILOK	27 Jul 1993	UNK		MALAYSIA		
40	F	- 1990	WILD	WILD	SABAH	17 Jun 1994	UNK	Wild Born	MALAYSIA		GOLOGOB
					SEPILOK	18 Jun 1994	UNK		MALAYSIA		
41	M	- 1990	WILD	WILD	SABAH	22 Nov 1995	UNK	Wild Born	MALAYSIA		MALBUMI
					SEPILOK	25 Nov 1995	UNK		MALAYSIA		
						4 Dec 1997 (died)				4 Dec 1997	
[Death by: Infection Associated Unknown Unknown (after Autopsy) Bacterial]											

Totals: 5.1.0 (6)

Sungai Dusun Rhino Conservation Center, , SELANGOR, MALAYSIA

7	F	????	WILD	WILD	WMALAYSIA	10 Feb 1986	3	Wild Born	MALAYSIA		RIMA
					MELAKA	10 Feb 1986	3		MALAYSIA		
					SUNG DUSN	13 Jan 1987	3		MALAYSIA		
					MELAKA	6 Mar 1987	3		MALAYSIA		
					SUNG DUSN	4 Feb 1993	3		MALAYSIA		
13	F	- 1983	WILD	WILD	WMALAYSIA	25 Feb 1987	7	Wild Born	MALAYSIA		PANJANG
					SUNG DUSN	25 Feb 1987	7		MALAYSIA		
					MELAKA	5 Mar 1987	7		MALAYSIA		
					SUNG DUSN	25 Sep 1987	7		MALAYSIA		
					MELAKA	20 Apr 1989	7		MALAYSIA		
					SUNG DUSN	27 Apr 1991	7		MALAYSIA		
					MELAKA	9 May 1995	7		MALAYSIA		
SUNG DUSN	10 Feb 1999	7		MALAYSIA							

SUMATRAN RHINO Studbook
(Dicerorhinus sumatrensis)

Restricted to:
Dates: During date <= 28/10/1999
Report ordered by: current (last) location...

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
15	F	23 May 1987	WILD	7	MELAKA	23 May 1987	8	Captive Born	MALAYSIA		MINAH
					SUNG DUSN	1 Oct 1997	UNK	MALAYSIA			
19	F	????	WILD	WILD	WMALAYSIA	26 Aug 1987	10	Wild Born	MALAYSIA		MAS MERAH
					MELAKA	26 Aug 1987	10	MALAYSIA			
					SUNG DUSN	2 May 1991	10	MALAYSIA			
20	M	-1984 +/-1yr	WILD	WILD	WMALAYSIA	26 Mar 1988	11	Wild Born	MALAYSIA		SHAH
					MELAKA	26 Mar 1988	11	MALAYSIA			
					SUNG DUSN	2 May 1991	11	MALAYSIA			
					MELAKA	14 Dec 1995	UNK	MALAYSIA			
					SUNG DUSN	7 Apr 1997	UNK	MALAYSIA			
23	F	????	WILD	WILD	WMALAYSIA	11 Jul 1988	12	Wild Born	MALAYSIA		SEPUTIH
					MELAKA	12 Jul 1988	12	MALAYSIA			
					SUNG DUSN	31 May 1991	12	MALAYSIA			
39	M	- 1984	WILD	WILD	WMALAYSIA	24 Aug 1994	UNK	Wild Born	MALAYSIA		ARA
					MELAKA	25 Aug 1994	UNK	MALAYSIA			
					SUNG DUSN	14 Dec 1995	UNK	MALAYSIA			

Totals: 2.5.0 (7)

TOTALS: 18.23.0 (41)

14 Institutions

HISTORICAL LIST

By Studbook Number

SUMATRAN RHINO Studbook
(Dicerorhinus sumatrensis)

Restricted to:

Dates: During date <= 28/10/1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
1	F	????	WILD	WILD	WMALAYSIA	30 Apr 1984	1	Wild Born	MALAYSIA		JERAM
					MELAKA	30 Apr 1984	1		MALAYSIA		
					SUNG DUSN	13 Jan 1987	1		MALAYSIA		
					MELAKA	15 Aug 1987	1		MALAYSIA		
					SUNG DUSN	31 May 1991	1		MALAYSIA		
MELAKA	6 Feb 1993	1		MALAYSIA							
2	M	- 1984	WILD	WILD	WMALAYSIA	1 May 1984	UNK	Wild Born	MALAYSIA		ERONG
					MELAKA	1 Jun 1984 (died)			MALAYSIA	1 Jun 1984	
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]											
3	F	????	WILD	WILD	WMALAYSIA	18 Apr 1985	2	Wild Born	MALAYSIA		MELINTANG
					MELAKA	18 Apr 1985	2		MALAYSIA		
					BANGKOK	- Jul 1986	UNK		THAILAND		
						- Nov 1986 (died)				- Nov 1986	
[Death by: Self Inflicted Injuries Unknown Unknown (after Autopsy)]											
4	M	????	WILD	WILD	SUMATRA	25 Nov 1985	UNK	Wild Born	INDONESIA		TORGAMBA
					LYMPNE	5 Apr 1986	UNK		ENGLAND		
					SRS WK	8 Jan 1998	000001		INDONESIA		
5	F	????	WILD	WILD	SUMATRA	23 Jan 1986	UNK	Wild Born	INDONESIA		RIAU
						23 Jan 1986 (died)				23 Jan 1986	
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]											
6	M	????	WILD	WILD	SUMATRA	2 Feb 1986	UNK	Wild Born	INDONESIA		ROKAN
					SURABAYA	- May 1988	UNK		INDONESIA		
						12 Aug 1993 (died)				12 Aug 1993	
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]											
7	F	????	WILD	WILD	WMALAYSIA	10 Feb 1986	3	Wild Born	MALAYSIA		RIMA
					MELAKA	10 Feb 1986	3		MALAYSIA		
					SUNG DUSN	13 Jan 1987	3		MALAYSIA		
					MELAKA	6 Mar 1987	3		MALAYSIA		
					SUNG DUSN	4 Feb 1993	3		MALAYSIA		
8	M	????	WILD	WILD	SUMATRA	23 Mar 1986	UNK	Wild Born	INDONESIA		JALU
					JAKARTA	24 May 1986	UNK		INDONESIA		
						15 Jun 1994 (died)				15 Jun 1994	
[Death by: Unknown means]											

SUMATRAN RHINO Studbook

Page 2

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
9	M	????	WILD	WILD	SUMATRA	15 Jun 1986	6	Wild Born	INDONESIA		NAPANGGA
					MELAKA	25 Apr 1987	6		MALAYSIA		
						6 Aug 1987 (died)				6 Aug 1987	
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]						
10	F	????	WILD	WILD	SUMATRA	22 Jun 1986	UNK	Wild Born	INDONESIA		SUBUR
					LYMPNE	25 Aug 1986	UNK		ENGLAND		
						30 Oct 1986 (died)				30 Oct 1986	
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]						
11	F	????	WILD	WILD	WMALAYSIA	6 Jul 1986	4	Wild Born	MALAYSIA		JULIA
					MELAKA	6 Jul 1986	4		MALAYSIA		
					SUNG DUSN	13 Jan 1987	4		MALAYSIA		
					MELAKA	21 Apr 1989	4		MALAYSIA		
						15 Dec 1989 (died)				15 Dec 1989	
[Death by: Other/Unknown Unknown Digestive Mechanical Abnormality]											
12	F	????	WILD	WILD	WMALAYSIA	9 Sep 1986	5	Wild Born	MALAYSIA		DUSUN
					MELAKA	9 Sep 1986	5		MALAYSIA		
					SUNG DUSN	13 Jan 1987	5		MALAYSIA		
					MELAKA	6 Mar 1987	5		MALAYSIA		
					JAKARTA	25 Apr 1987	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000003		INDONESIA		
13	F	- 1983	WILD	WILD	WMALAYSIA	25 Feb 1987	7	Wild Born	MALAYSIA		PANJANG
					SUNG DUSN	25 Feb 1987	7		MALAYSIA		
					MELAKA	5 Mar 1987	7		MALAYSIA		
					SUNG DUSN	25 Sep 1987	7		MALAYSIA		
					MELAKA	20 Apr 1989	7		MALAYSIA		
					SUNG DUSN	27 Apr 1991	7		MALAYSIA		
					MELAKA	9 May 1995	7		MALAYSIA		
					SUNG DUSN	10 Feb 1999	7		MALAYSIA		
14	M	????	WILD	WILD	SABAH	26 Mar 1987	UNK	Wild Born	MALAYSIA		26 Mar 1987
						26 Mar 1987 (died)					
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]											
15	F	23 May 1987	WILD	7	MELAKA	23 May 1987	8	Captive Born	MALAYSIA		MINAH
					SUNG DUSN	1 Oct 1997	UNK		MALAYSIA		
16	F	????	WILD	WILD	WMALAYSIA	1 Jul 1987	9	Wild Born	MALAYSIA		SERIDELIMA
					MELAKA	1 Jul 1987	9		MALAYSIA		
						23 Sep 1988 (died)				23 Sep 1988	
[Death by: Infection Associated Mounted or Preserved: Digestive Bacterial]											

SUMATRAN RHINO Studbook

Page 3

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
17	M	????	WILD	WILD	SABAH	14 Jul 1987	UNK	Wild Born	MALAYSIA	22 Apr 1992	TENEGANG
					SEPILOK	14 Jul 1987	UNK		MALAYSIA		
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]				Mechanical Abnormality]		
18	F	????	WILD	WILD	SUMATRA	21 Jul 1987	UNK	Wild Born	INDONESIA	4 Nov 1994	MERANTI
					LYMPNE	30 Apr 1988	UNK		ENGLAND		
					[Death by: Other/Unknown Given to an Institution: ROYAL MUSEUM OF SCOTLAND				Reproductive New Growths		
19	F	????	WILD	WILD	WMALAYSIA	26 Aug 1987	10	Wild Born	MALAYSIA	25 May 1988	MAS MERAH
					MELAKA	26 Aug 1987	10		MALAYSIA		
					SUNG DUSN	2 May 1991	10		MALAYSIA		
20	M	-1984 +/-1yr	WILD	WILD	WMALAYSIA	26 Mar 1988	11	Wild Born	MALAYSIA	7 Apr 1997	SHAH
					MELAKA	26 Mar 1988	11		MALAYSIA		
					SUNG DUSN	2 May 1991	11		MALAYSIA		
					MELAKA	14 Dec 1995	UNK		MALAYSIA		
					SUNG DUSN	7 Apr 1997	UNK		MALAYSIA		
21	M	????	WILD	WILD	SABAH	24 May 1988	UNK	Wild Born	MALAYSIA	27 Jul 1993	DALU
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]						
					25 May 1988 (died)						
22	F	????	WILD	WILD	SUMATRA	8 Jul 1988	UNK	Wild Born	INDONESIA	27 Jul 1993	DALU
					BOGOR	30 Nov 1988	UNK		INDONESIA		
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]						
23	F	????	WILD	WILD	WMALAYSIA	11 Jul 1988	12	Wild Born	MALAYSIA	10 May 1992	SEPUTIH
					MELAKA	12 Jul 1988	12		MALAYSIA		
					SUNG DUSN	31 May 1991	12		MALAYSIA		
24	F	????	WILD	WILD	SUMATRA	22 Jul 1988	UNK	Wild Born	INDONESIA	22 Feb 1995	MAHATO
					LOSANGELE	25 Nov 1988	UNK		U.S.A.		
					CINCINNAT	5 Jun 1989	UNK		U.S.A.		
					[Death by: Other/Unknown Unknown Unknown (after Autopsy)]						
25	F	????	WILD	WILD	SUMATRA	24 Jul 1988	UNK	Wild Born	INDONESIA	22 Feb 1995	BARAKAS
					SANDIEGOZ	25 Nov 1988	UNK		U.S.A.		
					[Death by: Euthanasia Unknown Unknown (after Autopsy)]						

SUMATRAN RHINO Studbook

Page 4

Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Birth-Origin	Country	Death-Date	Name
26	F	????	WILD	WILD	SABAH	22 Apr 1989	UNK	Wild Born	MALAYSIA		LUN PARAI
					SEPILOK	22 Apr 1989	UNK		MALAYSIA		
					TABIN	10 Dec 1998	UNK		MALAYSIA		
27	F	????	WILD	WILD	SUMATRA	26 Aug 1989	UNK	Wild Born	INDONESIA		RAPUNZEL
					LOSANGELE	29 Nov 1989	UNK		U.S.A.		
					NY BRONX	16 May 1990	UNK		U.S.A.		
					CINCINNAT	6 Feb 1993	UNK		U.S.A.		
28	M	????	WILD	WILD	SUMATRA	23 Jul 1990	UNK	Wild Born	INDONESIA		IPUH/BAGUS
					SANDIEGOZ	10 Apr 1991	UNK		U.S.A.		
					CINCINNAT	25 Oct 1991	UNK		U.S.A.		
29	F	????	WILD	WILD	SUMATRA	6 Mar 1991	UNK	Wild Born	INDONESIA		EMI/IPAK
					LOSANGELE	23 Nov 1991	UNK		U.S.A.		
					CINCINNAT	5 Aug 1995	UNK		U.S.A.		
30	M	????	WILD	WILD	SUMATRA	18 Apr 1991	UNK	Wild Born	INDONESIA		ROMI
					BOGOR	2 Sep 1991	UNK		INDONESIA		
						6 Jul 1997 (died)				6 Jul 1997	
[Death by: Infection Associated Unknown No Autopsy Planned]											
31	M	????	WILD	WILD	SABAH	5 May 1991	UNK	Wild Born	MALAYSIA		TAKALA
					SEPILOK	5 May 1991	UNK		MALAYSIA		
						8 May 1995 (died)				8 May 1995	
[Death by: Infection Associated Unknown Generalized Toxicity]											
32	F	????	WILD	WILD	SUMATRA	17 May 1991	UNK	Wild Born	INDONESIA		BINA
					BOGOR	2 Sep 1991	UNK		INDONESIA		
					SRS WK	8 Jan 1998	000002		INDONESIA		
33	F	????	WILD	WILD	SUMATRA	12 Jun 1991	UNK	Wild Born	INDONESIA		RAMI
					SANDIEGOZ	23 Nov 1991	UNK		U.S.A.		
						25 May 1992 (died)				25 May 1992	
[Death by: Other/Unknown Unknown Unknown (after Autopsy)]											
34	F	????	WILD	WILD	SUMATRA	17 Jan 1992	UNK	Wild Born	INDONESIA		WIWIEN
					SURABAYA	25 Jul 1992	UNK		INDONESIA		
						12 Nov 1996 (died)				12 Nov 1996	
[Death by: Infection Associated Unknown Urinary Unknown (after autopsy)]											
35	M	????	WILD	WILD	SUMATRA	20 Mar 1992	UNK	Wild Born	INDONESIA		TANJUNG
					SANDIEGOZ	29 Aug 1992	UNK		U.S.A.		
						26 Feb 1995 (died)				26 Feb 1995	
[Death by: Other/Unknown Unknown Digestive Mechanical Abnormality]											

SUMATRAN RHINO Studbook

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Restricted to: (Dicerorhinus sumatrensis)

Dates: During date <= 28/10/1999

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=====
Stud # | Sex | Birth Date | Sire | Dam | Location | Date | Local ID | Birth-Origin Country | Death-Date | Name
=====
36 M ~ 1982 WILD WILD SABAH 27 Aug 1992 UNK Wild Born MALAYSIA SIDOM
SEPILOK 28 Aug 1992 UNK MALAYSIA
20 Jan 1997 (died) 20 Jan 1997
[Death by: Other/Unknown Unknown Digestive Unknown (after autopsy)]
37 M ~ 1988 WILD WILD SABAH 7 Jul 1993 UNK Wild Born MALAYSIA BULUD
TABIN 25 Sep 1993 UNK MALAYSIA
38 M ~ 1989 WILD WILD SABAH 20 Jul 1993 UNK Wild Born MALAYSIA TANJUNG
SEPILOK 27 Jul 1993 UNK MALAYSIA
39 M ~ 1984 WILD WILD W MALAYSIA 24 Aug 1994 UNK Wild Born MALAYSIA ARA
MELAKA 25 Aug 1994 UNK MALAYSIA
SUNG DUSN 14 Dec 1995 UNK MALAYSIA
40 F ~ 1990 WILD WILD SABAH 17 Jun 1994 UNK Wild Born MALAYSIA GOLOGOB
SEPILOK 18 Jun 1994 UNK MALAYSIA
41 M ~ 1990 WILD WILD SABAH 22 Nov 1995 UNK Wild Born MALAYSIA MALBUMI
SEPILOK 25 Nov 1995 UNK MALAYSIA
4 Dec 1997 (died) 4 Dec 1997
[Death by: Infection Associated Unknown Unknown (after Autopsy) Bacterial]
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TOTALS: 18.23.0 (41)

MORTALITY

SUMMARY

**SUMMARY OF MORTALITY
SUMATRAN RHINO IN CAPTIVITY
1984-1999**

<u>Animal</u>	<u>Sex</u>	<u>Date & Place of Capture</u>	<u>Date & Place of Death</u>	<u>Date to Death Place</u>	<u>Cause of Death</u>	<u>Condition & Age at Capture</u>
2 Erong	M	01-05-84 Malaysia	01-06-84 Malacca	01-05-84	Inanition	Poor/Calf (est. 3 mo.) Discovered abandoned in jungle
3 Melintang	F	18-04-85 Malaysia	15-11-86 Dusit Zoo Bangkok	00-07-86	Accident: Ensnared Neck in Bars	Good/Adult
5 Riau	F	23-01-86 Sumatra	23-01-86 Sumatra	23-01-86	Accident: Trauma in Corral Trap	Good/Adult
6 Rokan	M	02-02-86 Sumatra	12-08-93 Surabaya Zoo	??-05-88	Unreported	Chronic Leg Problem/Adult
8 Jalu	M	23-3-86 Sumatra	15-06-94 Jakarta Zoo	24-05-86	Kidney Disorder	Good/Adult
9 Napangga	M	15-06-86 Sumatra	06-08-87 Malacca Zoo	25-04-87	Acute Colic	Poor/Adult
10 Subur	F	25-06-86 Sumatra	30-10-86 Port Lympne	25-08-86	Digestive	Marginal/Adult
11 Julia	F	06-07-86 Malaysia	15-12-89 Malacca Zoo	06-07-86	Cecal Impaction	Good/Adult
14	M	26-03-87 Sabah	26-03-87 Sabah	26-03-87	Capture Trauma	?/Adult
16 Seridelima	F	01-07-87 Malaysia	23-09-88 Malacca Zoo	01-07-87	Salmonella	Marginal/Adult
17 Tenegang	M	14-07-87 Sabah	22-04-92 Sepilok	14-07-87	Hindgut Obstruction	?/Adult
18 Meranti	F	21-07-87 Sumatra	04-11-94 Port Lympne	30-04-88	Haemorrhage After Surgery for Uterine Tumor	

**SUMMARY OF MORTALITY
SUMATRAN RHINO IN CAPTIVITY
1984-1999
(Continued)**

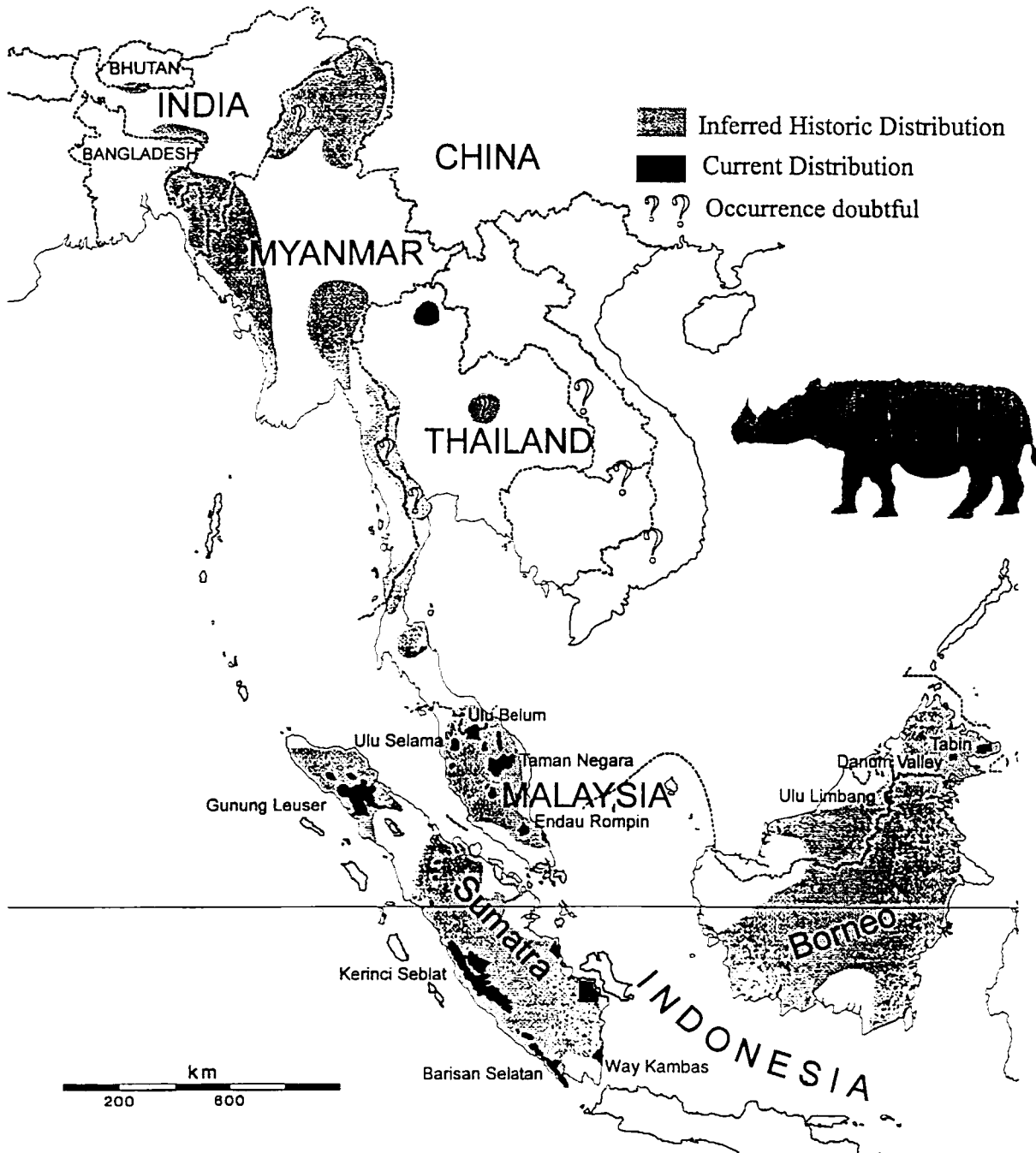
<u>Animal</u>	<u>Sex</u>	<u>Date & Place of Capture</u>	<u>Date & Place of Death</u>	<u>Date to Death Place</u>	<u>Cause of Death</u>	<u>Condition & Age at Capture</u>
21	M	24-05-88 Sabah	25-05-88 Sabah	24-05-88	Capture Trauma	?/Adult
22 Dalu	F	08-07-88 Sumatra	27-07-93 Taman Safari	30-11-88	Unreported	Cataracts/Adult
24 Mahato	F	22-07-88 Sumatra	10-05-92 Cincinnati Zoo	05-06-89	Liver Disease Trauma from Violent Courtship Believed Involved	Good/Adult
25 Barakas	F	24-08-88 Sumatra	22-02-95 San Diego Zoo	25-11-88	Kidney Failure	Good/Adult
30	M	18-04-91 Sumatra	06-07-97 Taman Safari	02-09-91	Infection/ Liver Disease	Good/Adult
31 Takala	M	05-05-91 Sabah	08-05-95 Sepilok	05-05-91	Toxicity Suspected	
33 Rami	F	12-06-91 Sumatra	25-05-92 San Diego Zoo	23-11-91	Gut Torsion	Good/Adult
34 Wiwien	F	17-01-92 Sumatra	12-11-96 Surabaya	25-07-92	Kidney Failure	Good/Adult
35 Tanjung	M	20-03-92 Sumatra	26-02-95 San Diego Zoo	29-08-92	Cecal Torsion	Good/Adult
36 Sidom	M	27-08-92 Sabah	20-01-97 Sepilok	28-08-92	Haemorrhage	Good/Adult
41 Malbumi	M	23-11-95 Sabah	04-12-97 Sepilok	25-11-97	Infection	Good/Adult

WILD POPULATIONS

SUMATRAN RHINO

Historic and Present Distribution

1999 Estimated Number: ~ 300



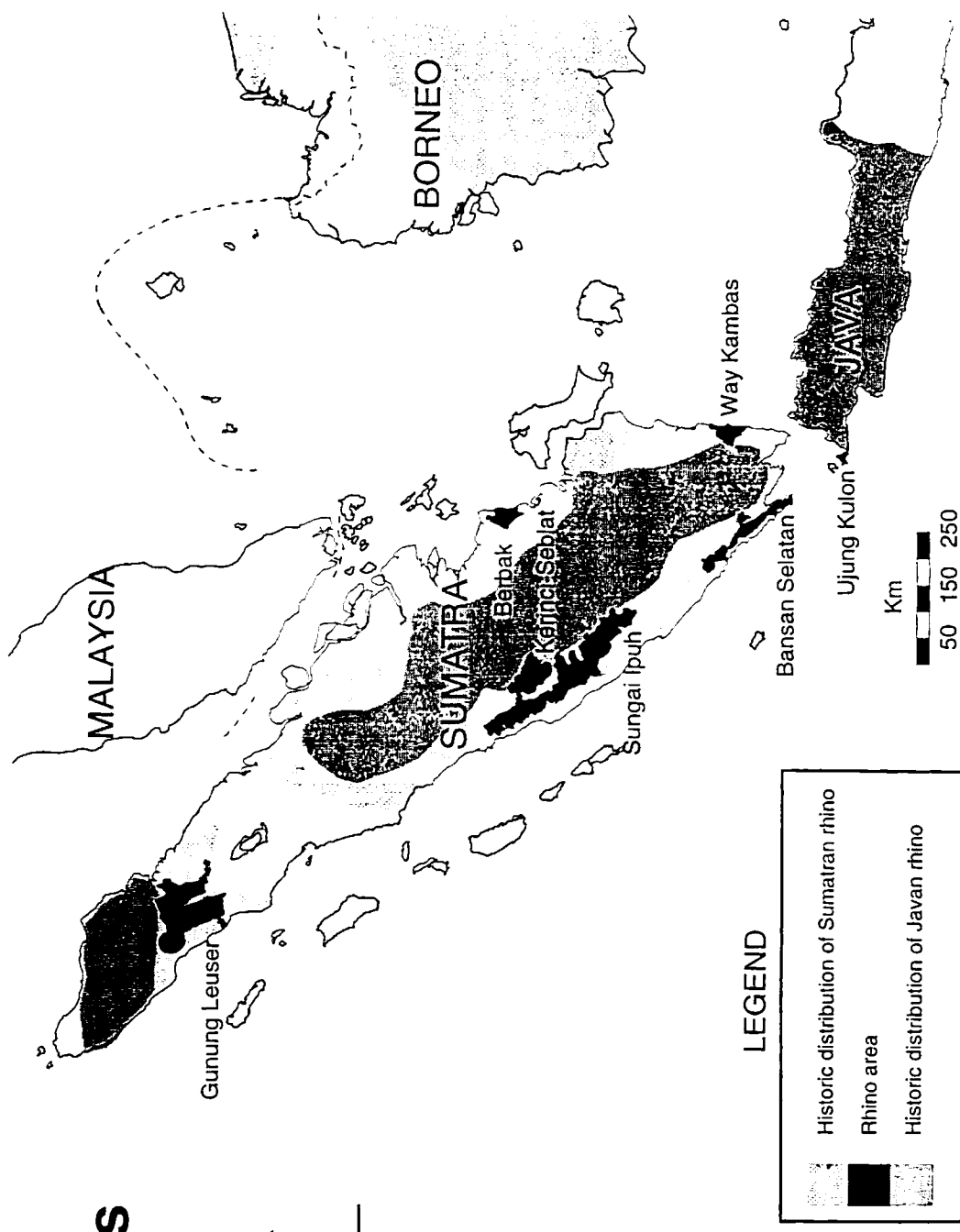
SUMATRA & JAVA – RHINO DISTRIBUTION

Past and Present

**Estimated Numbers
of Rhino in
Sumatra and Java
in 1999**

**Sumatran Rhino
100-150**

**Javan Rhino
50-60**

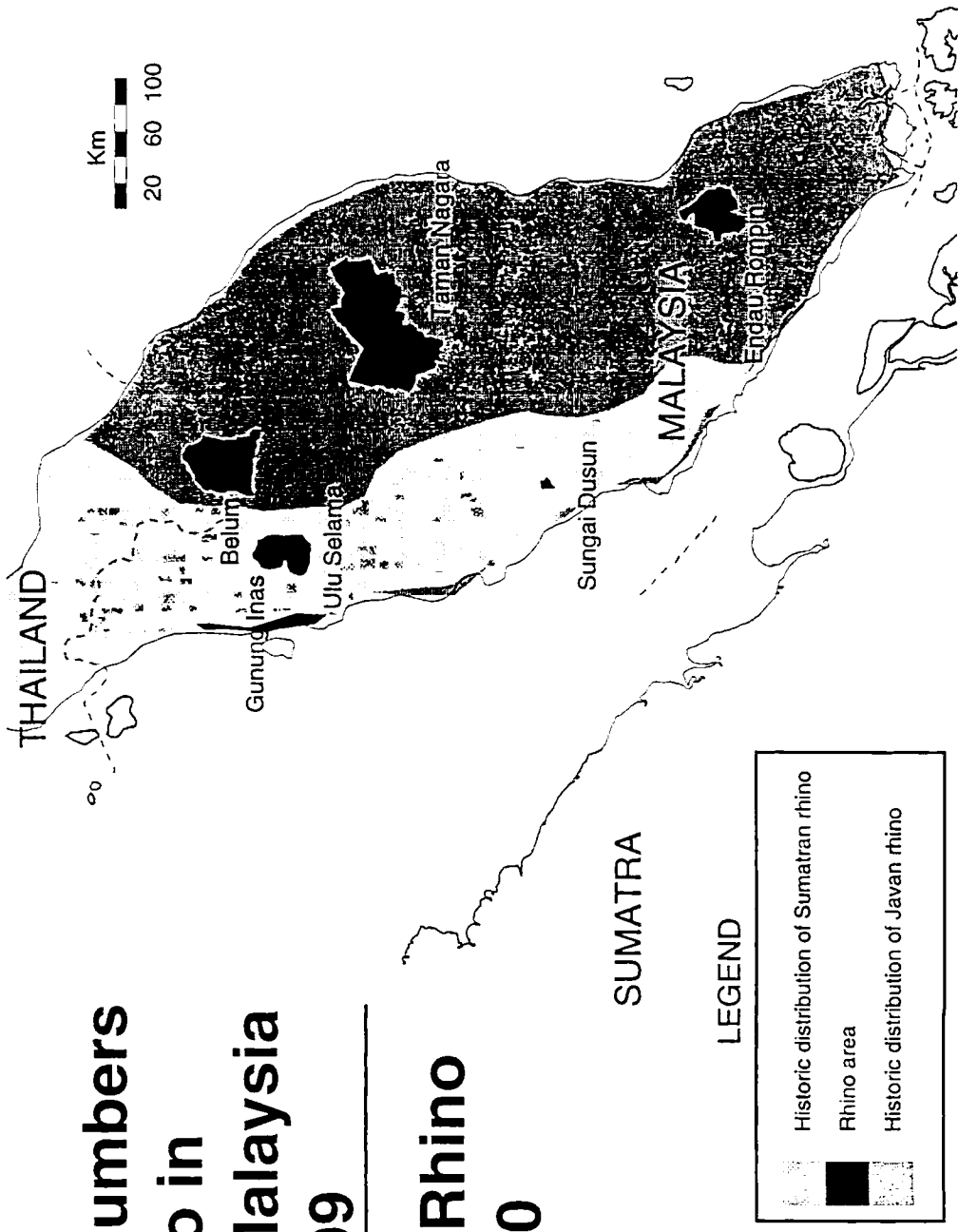


MALAY PENINSULA – RHINO DISTRIBUTION

Past and Present

Estimated Numbers of Rhino in Peninsula Malaysia in 1999

Sumatran Rhino 70-100

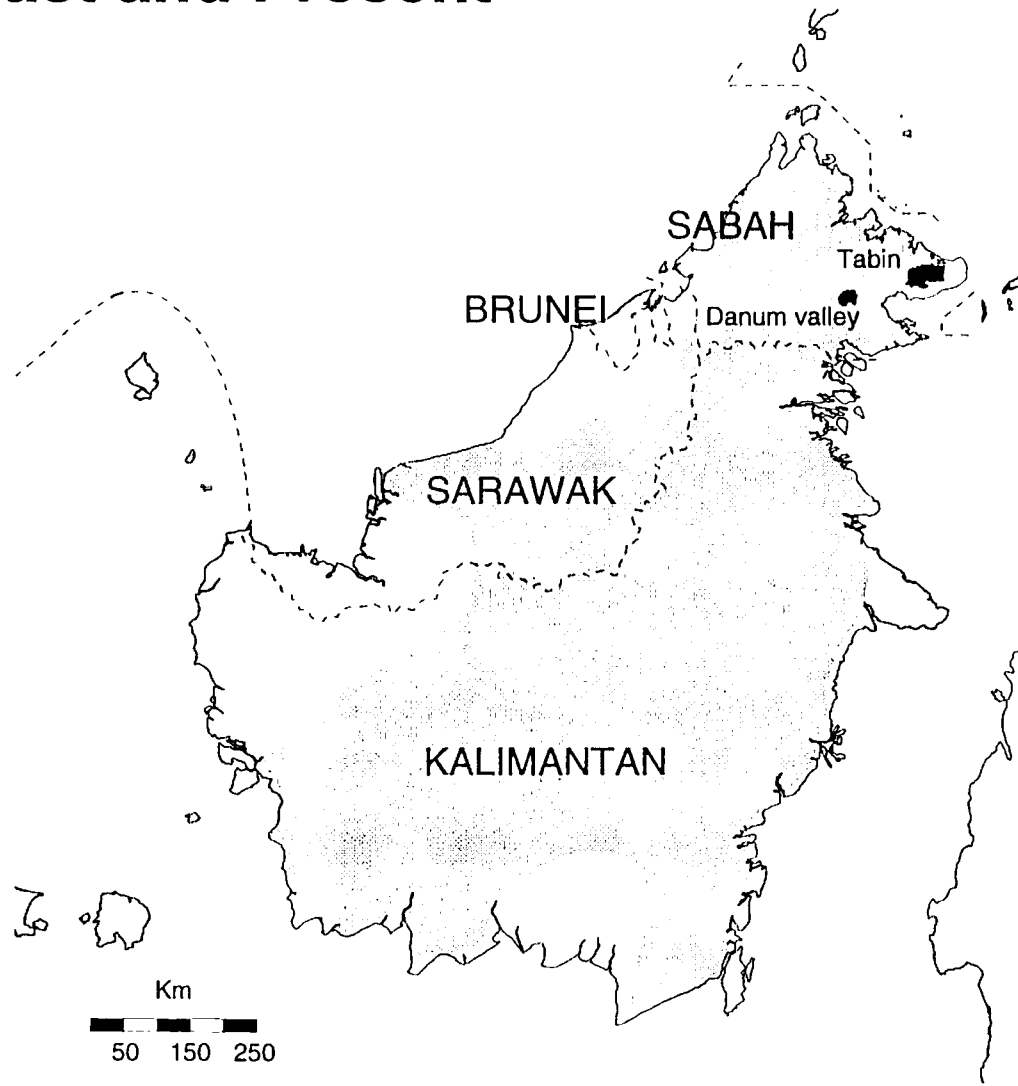
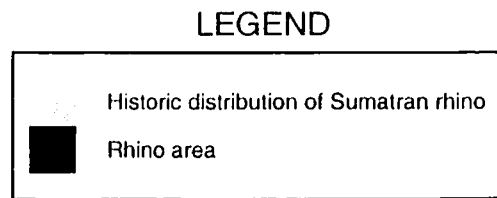


BORNEO – RHINO DISTRIBUTION

Past and Present

**Estimated Numbers
of Rhino in
Sabah on Borneo
in 1999**

**Sumatran Rhino
50-70**



SUMATRAN RHINO

Historic and Present Distribution

1999 Estimated Number: ~ 300

