

European Studbook for the Siamang Gibbon

(Hylobates syndactylus)

Number 6: 2002

Compiled by John Ray and Pat Milham

Twycross Zoo

Data current through to 31 December 2002

Contents

Introduction	3
Age Pyramid Report	5
Unknown Sex	6
Sterile Females	7
Sterile Males	8
Males	9
Females	10
Analysis of Births and Deaths	11
2001	11
2002	11
Appendix 1: Living by Institution	12
Appendix 2: Births	21
Appendix 3: Deaths	22
Appendix 4: Transfers	24

Introduction

This is the sixth European Studbook for the Siamang Gibbon *Hylobates syndactylus*. The studbook is correct to 31 December 2002 and covers the period 2001 to 2002.

The number of participants has reduced to 46, two collections having gone out of this species, Lourosa and Szeged. However, two new collections, Ferrat (Zoo Parc D'Acclimation) and Le Vigen (Parc Paysager et Animalier Du Reynou), will be asked to join.

The crude neonate death rate for 2001/02 is 10.5% compared to the overall average of 21.8%.

The average crude birth rate from 1987-2002 is 9.75%.

The average crude death rate from 1987-2002 is 4.6%.

There has been a slight increase in the population from 175 to 182; there is still a surplus of males. Several collections are looking for females but not many are available.

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Table 1. Status of the siamang gibbon (*Hylobates syndactylus*) ESB population between 2001 and 2002.

Participants	Status 01.01.2001	Births	of which (D.N.S)	Transfers between ESB zoos		Transfers with non- ESB zoos		Deaths	Status 31.12.2002
				In	Out	In	Out		
Amersfoort/NL	1.1	1.0							2.1
Antwerp/B	2.2	1.0.1	1.0.0		1.0				1.2.1
Ardes-sur-Couze/F *	2.2								2.2
Arnhem/NL	2.3							0.1	2.2
Banham/UK	2.1	1.0			1.0				2.1
Barcelona/ES	1.2			1.0				1.0	1.2
Bekesbourne/UK	4.5	2.1						1.0	5.6
Berlin Zoo/D	4.1							0.1	4.0
Besancon/F	2.1	0.1							2.2
Budapest/H	1.1								1.1
Burford/UK	1.1	1.0							2.1
Dortmund/D	2.3				1.1				1.2
Doue La Fontaine/F	2.2	0.0.1							2.2.1
Dublin/Ire	1.2	0.0.1							1.2.1
Duisburg/D	3.2.1							0.1	3.1.1
Edinburgh/UK	2.2	1.0							3.2
Erfurt/D	1.1								1.1
Ferrat/F *	0					1.1			1.1
Fota/Ire	1.2								1.2
Frejus/F *	0.1			1.0					1.1
Fuengirola/Es	0			3.1				1.0	2.1
Great Yarmouth/UK	2.1	1.0							3.1
Jaderburg/D	1.2	0.1	0.1						1.2
Jerusalem/Isr	5.1				1.0				4.1
Krefeld/D	5.3.1	0.0.1							5.3.2
La Boissiere du Dore/F	3.1	1.0							4.1
Le Vigen/F *	0					0.2			0.2
Lille/F	1.1							0.1	1.0
Lisbon/P	1.1	1.0							2.1
Lourosa/P	2.2						2.2 **		0
Marwell/UK	3.2.1	1.0						1.0	3.2.1
Munich/D	2.0								2.0
Muzillac/F	1.5	0.0.1			0.2			1.1	0.2.1
Olomouc/Cz	3.3	1.0.1			3.1				1.2.1
Opole/PL	1.2	1.0	1.0						1.2
Ostrava/Cz	2.1				1.0				1.1
Port Lympne/UK	4.2	0.1							4.3
Port St. Pere/F *	3.1								3.1
Poznan/PL		0.0.1							1.1.1
Romagne/F	1.1	1.0							2.1
South Lakes/UK	1.1								1.1
Stassfurt/D *	1.0								1.0
Studen/Ch									3.1
Tenby/UK *									2.1
Twycross/UK	8.5	0.1						1.1	7.5
Valbrembo/It	1.1	0.1							1.2
Wareham/UK *	2.1								2.1
Zlin-Lesna/Cz	1.1			1.0				0.1	2.0
Zurich/Ch	0.2			1.0					1.2
	94.78.3	14.6.7	2.1	7.1	8.4	1.3	2.2	6.7	98.74.10

* Not contacted or not replied

** Final destination unknown

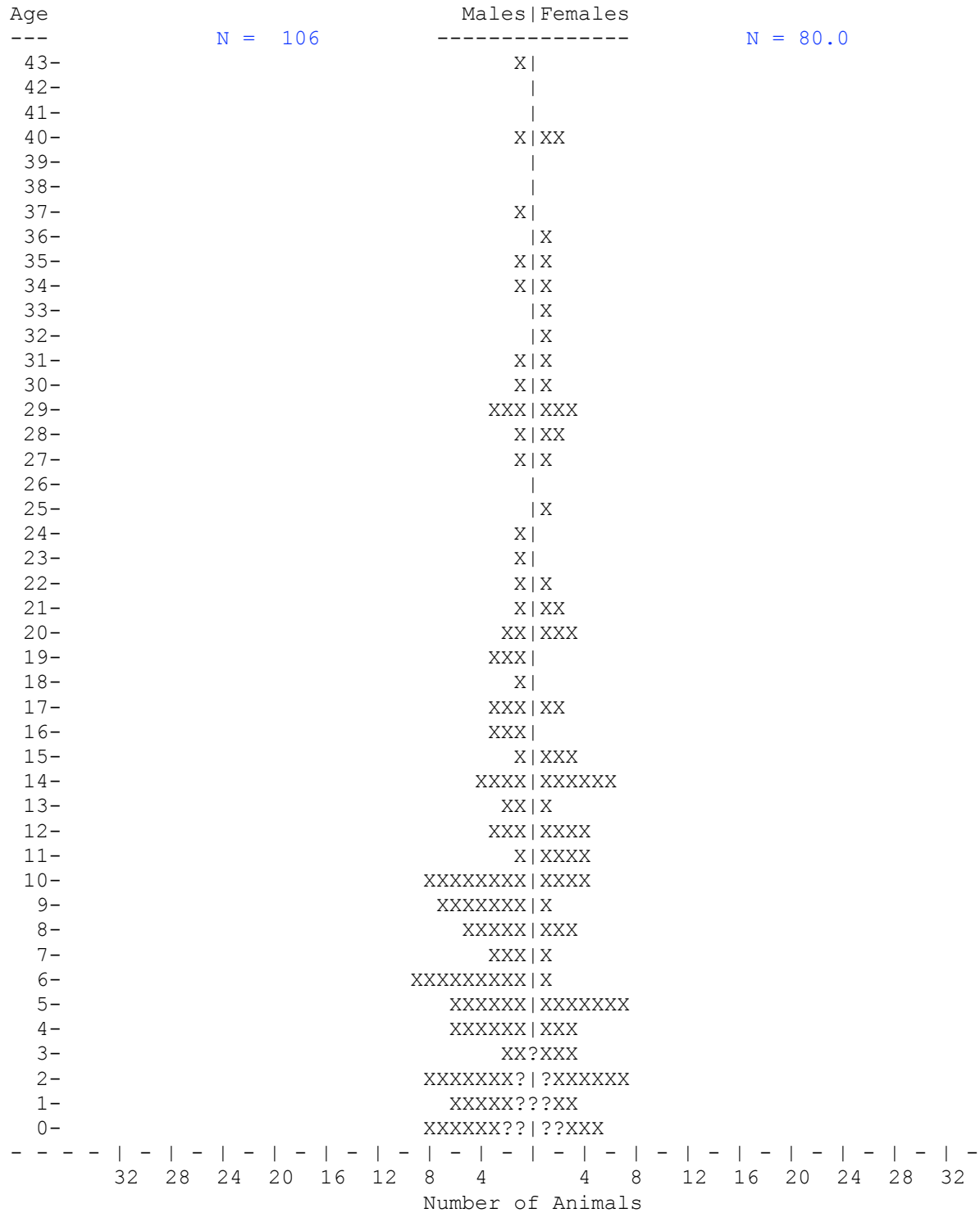
Age Pyramid Report

Restricted to: Siamang Gibbon Studbook

Dates: As of 31 Dec. 2002

Status: Living on 31 Dec. 2002

Taxon Name: *Hylobates syndactylus*



X >>> Specimens of known sex

? >>> Specimens of unknown sex

Unknown Sex

Age	Studbook Numbers			
---	-----			
43				
42				
41				
40				
39				
38				
37				
36				
35				
34				
33				
32				
31				
30				
29				
28				
27				
26				
25				
24				
23				
22				
21				
20				
19				
18				
17				
16				
15				
14				
13				
12				
11				
10				
9				
8				
7				
6				
5				
4				
3	807			
2	818	825		
1	833	836	837	
0	847	855	856	858
-----	-----			
Total=	10			

Sterile Females

Age	Studbook Numbers
---	-----
43	
42	
41	
40	367
39	
38	
37	
36	
35	
34	
33	
32	
31	
30	
29	
28	
27	
26	
25	
24	
23	
22	
21	
20	
19	
18	
17	
16	
15	
14	
13	
12	
11	
10	
9	
8	
7	
6	
5	
4	
3	
2	
1	
0	

Total=	1

Sterile Males

Age	Studbook Numbers
---	-----
43	
42	
41	
40	
39	
38	
37	
36	
35	
34	
33	
32	
31	
30	
29	
28	
27	
26	
25	
24	
23	
22	
21	
20	
19	
18	
17	234
16	
15	
14	
13	
12	
11	
10	
9	
8	
7	
6	
5	583
4	
3	
2	
1	
0	

Total=	2

Males

Age	Studbook Numbers								
43	359								
42									
41									
40	369								
39									
38									
37	376								
36									
35	379								
34	390								
33									
32									
31	60								
30	399								
29	404	405	408						
28	136								
27	221								
26									
25									
24	203								
23	434								
22	164								
21	206								
20	181	445							
19	219	451	454						
18	170								
17	462	466							
16	467	470	471						
15	479								
14	484	486	489	493					
13	215	501							
12	227	228	229						
11	239								
10	263	267	517	522	523	524	526	528	
9	283	284	289	531	533	534	535		
8	294	295	541	542	543				
7	547	555	569						
6	557	558	559	560	561	562	564	565	566
5	580	588	591	592	593				
4	597	600	601	603	605	840			
3	800	838							
2	816	819	820	821	822	824	830		
1	831	834	835	842	844				
0	845	848	849	850	852	854			
Total= 101									

Females

Age	Studbook Numbers						
---	-----						
43							
42							
41							
40	370						
39							
38							
37							
36	99						
35	386						
34	389						
33	393						
32	394						
31	61						
30	401						
29	406	407	409				
28	208	412					
27	98						
26							
25	423						
24							
23							
22	118						
21	125	126					
20	129	446	449				
19							
18							
17	158	461					
16							
15	211	248	475				
14	193	482	485	487	490	494	
13	499						
12	502	503	505	509			
11	238	240	241	514			
10	273	296	520	527			
9	278						
8	292	293	539				
7	553						
6	567						
5	582	584	585	586	589	594	595
4	602	604	606				
3	802	803	804				
2	812	815	823	827	828	829	
1	839	843					
0	846	853	857				

Total=	75						

Analysis of Births and Deaths

2001

Opening Stock:	(94.78.3) =	175
Births:		12 (of which 1 DNS)
Birth Rate:	$12/175 =$	6.9%
Death Rate (Neonates):	$1/12 =$	8.3%
Deaths (excluding neonates):		8
Death Rate (excluding neonates):	$8/175 =$	4.6%

2002

Opening Stock:	(95.73.6) =	174 *
Births:		15 (of which 2 DNS)
Birth Rate:	$15/174 =$	8.6%
Death Rate (Neonates):	$2/15 =$	13.3%
Deaths (excluding neonates):		5
Death Rate (excluding neonates):	$5/174 =$	2.9%

* Adjusted for 4 Lourosa siamangs lost from ESB population

Report ordered by: current/last location (geographic)

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Royal Zool Society of Antwerp, B-2018 Antwerp, Belgium											
98	F	19 Apr 1975	96	97	Twycross	19 Apr 1975	–	Birth	Unk.	Anak	
					Antwerp	16 Apr 1983	M7953	Transfer			
399	M	15 Jan 1972	362	354	Frankfurt	15 Jan 1972	23580	Birth	Unk.	Herbie	
					Antwerp	12 Oct 1979	M7139	Transfer			
594	F	2 Nov 1997	399	98	Antwerp	2 Nov 1997	M9951	Birth	Unk.	Youk	
847	?	27 Jan 2002	399	98	Antwerp	27 Jan 2002	M10420	Birth	Parent	Dino	
Totals: 1.2.1 (4)											
Museum De Besancon, 25000 Besancon, Doubs, France											
527	F	14 Dec 1992	444	446	Guerno	14 Dec 1992	–	Birth	Parent	Tsao	
					Besancon	13 Oct 1998	98140	Transfer			
535	M	18 Nov 1993	399	98	Antwerp	18 Nov 1993	M9538	Birth	Parent	Ufo	
					Besancon	3 Jun 1999	99039	Loan to			
816	M	2 Jun 2000	535	527	Besancon	2 Jun 2000	B00063	Birth	Parent	Kiao	
846	F	5 Jan 2002	535	527	Besancon	5 Jan 2002	B02005	Birth	Parent	Xiao	
Totals: 2.2.0 (4)											
Parc Animalier De Cezalier, F-63420 Ardes-sur-Co, France											
487	F	19 Aug 1988	448	129	Fontaine	19 Aug 1988	58HS3	Birth	Parent		
					Cezalier	16 Jan 1996	–	Transfer			
489	M	23 Sep 1988	433	421	Zurich	23 Sep 1988	209	Birth	Parent	Oleng	
					Cezalier	17 Aug 1992	–	Transfer			
499	F	31 Aug 1989	433	421	Zurich	31 Aug 1989	211	Birth	Parent	Perak	
					Cezalier	17 Aug 1992	–	Transfer			
524	M	24 Jul 1992	405	406	Krefeld	24 Jul 1992	568	Birth	Parent	Elias	00-0010-D443
					Cezalier	2 Feb 1997	–	Transfer			
Totals: 2.2.0 (4)											
Zoo De Doue, 49700 Doue La Fontai, France											
129	F	14 Apr 1982	95	101	Twycross	14 Apr 1982	759	Birth	Unk.	Fernanda	
					Fontaine	16 Oct 1984	58HS1	Transfer			
263	M	20 Jan 1992	181	125	Edinburgh	20 Jan 1992	92AB02	Birth	Parent	Siberut	
					Fontaine	12 Nov 1997	58HS5	Transfer			
604	F	1 Dec 1998	263	129	Fontaine	1 Dec 1998	58HS6	Birth	Parent	Dania	
					Lisieux Z	26 Feb 2003	M03010	Loan to			
822	M	25 Sep 2000	263	129	Fontaine	25 Sep 2000	58HS7	Birth	Parent	Pitchouli	
855	?	7 Nov 2002	263	129	Fontaine	7 Nov 2002	58HS8	Birth	Parent		
Totals: 2.2.1 (5)											
Zoo Parc D'Acclimation, Ferrat, Hautes-Alpes, France											
589	F	2 Aug 1997	484	449	Dortmund	2 Aug 1997	025013	Birth	Unk.	Linchah	968000 00028224
					Ferrat	30 Jul 2001	–	Loan to			
592	M	8 Oct 1997	484	443	Dortmund	8 Oct 1997	025014	Birth	Unk.	Manis	968000 00071272
					Ferrat	30 Jul 2001	–	Loan to			
Totals: 1.1.0 (2)											
La Vallee Des Singes, 86700 Romagne, France											
522	M	2 May 1992	433	421	Zurich	2 May 1992	920033	Birth	Parent	Solok	
					Romagne	25 Mar 1998	–	Transfer			
553	F	18 Aug 1995	405	406	Krefeld	18 Aug 1995	889	Birth	Parent	Karen	00-0200- 646C
					Romagne	17 Aug 2000	320	Transfer			
850	M	2 May 2002	522	553	Romagne	2 May 2002	441	Birth	Parent	Nyamuk	
Totals: 2.1.0 (3)											

Appendix 1 (ctd.)

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Espace Zoologique La Boissiere Du Dore, 44430 La Boissiere D, France											
467	M	26 Jan 1986	413	409	Guerno	26 Jan 1986	–	Birth	Unk.	Niam	
					Dore Zoo	21 Dec 1993	PSI1	Transfer			
485	F	20 Jun 1988	405	406	Krefeld	20 Jun 1988	73	Birth	Parent	Noemie	
					Dore Zoo	13 Dec 1993	PSI2	Transfer			
564	M	5 Jun 1996	467	485	Dore Zoo	5 Jun 1996	PSI3	Birth	Parent	Niaome	
					Le Vigen	8 Feb 2003	–	Transfer			
838	M	10 Jan 1999	467	485	Dore Zoo	10 Jan 1999	PSI4	Birth	Parent	Nemus	
842	M	8 Jul 2001	467	485	Dore Zoo	8 Jul 2001	–	Birth	Parent		
Totals: 4.1.0 (5)											
Safari Africain La Chevallerie, F-44710 Port-St-Pere, France											
393	F	~ 1970	Wild	Wild	Malaysia	~ 1970	None	Capture	Unk.	Sahra	
					Guerno	1 Jul 1974	–	Transfer			
					Pt St Per	7 Feb 1995	–	Transfer			
454	M	1 Jan 1984	413	409	Guerno	1 Jan 1984	–	Birth	Parent	Penang	
					Pt St Per	7 Feb 1995	–	Transfer			
603	M	25 Oct 1998	454	393	Pt St Per	25 Oct 1998	–	Birth	Unk.	Siki	
820	M	18 Aug 2000	454	393	Pt St Per	18 Aug 2000	–	Birth	Unk.		
Totals: 3.1.0 (4)											
Parc Zoologique De Branfere, 56190 Muzillac, Le Guerno, France											
409	F	~ 1974	Wild	Wild	Malaysia	~ 1974	None	Capture	Unk.	Bibouska	
					Guerno	1 Mar 1978	–	Transfer			
567	F	12 Nov 1996	413	409	Guerno	12 Nov 1996	–	Birth	Unk.	Malaka	
837	?	22 Jan 2001	413	409	Guerno	22 Jan 2001	–	Birth	Unk.	Samsha	
Totals: 0.2.1 (3)											
Parc Zoologique De Lille, 59800 Lille, France											
547	M	14 Mar 1995	484	449	Dortmund	14 Mar 1995	025012	Birth	Parent	Kawan	
					Lille Zoo	28 Sep 1999	1165	Transfer			
Totals: 1.0.0 (1)											
Parc Zoologique De Frejus, 83600 Frejus, France											
503	F	14 Jan 1990	413	409	Guerno	14 Jan 1990	–	Birth	Parent	Miri	
					Frejus	5 Jun 1996	–	Transfer			
531	M	31 May 1993	466	461	Jerusalem	31 May 1993	320	Birth	Parent	Toby	01F1-1022
					Frejus	21 Jan 2001	–	Transfer			
Totals: 1.1.0 (2)											
Parc Paysager Et Animalier Du Reynou, 87110 Le Vigen, France											
446	F	18 Apr 1982	413	409	Guerno	18 Apr 1982	–	Birth	Parent	Datuk	
					Le Vigen	11 Apr 2002	–	Transfer			
585	F	22 May 1997	444	446	Guerno	22 May 1997	–	Birth	Unk.	Noetuk	00-01C6-5206
					Le Vigen	11 Apr 2002	–	Transfer			
					Lille Zo	10 Jan 2003	1809	Loan to			
						15 Aug 2003		Death			
Totals: 0.2.0 (2)											
Budapest Zool & Botanical Garden, Budapest 5, Hungary											
389	F	~ 1969	Wild	Wild	Unk.	~ 1969	NONE	Capture	Unk.	Hilda	97200 000015120
					Rotterdam	~ 1977	100221	Transfer			
					Arnhem	29 May 1980	00304	Transfer			
					Budapest	25 Jul 1987	000168	Transfer			
390	M	~ 1969	Wild	Wild	Unk.	~ 1969	NONE	Capture	Unk.	Goofy	97200 000015177
					Rotterdam	~ 1975	100220	Transfer			
					Arnhem	29 May 1980	00303	Transfer			
					Budapest	25 Jul 1987	000167	Transfer			
Totals: 1.1.0 (2)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Zoo Nord Italia S R L, 16-24030 Valbrembo, Italy											
517	M	2 Feb 1992	359	418	Berlin Zoo	2 Feb 1992	920051	Birth	Parent	Sumu	00-01C8-3DB2
					Valbrembo	19 Apr 1999	–	Transfer			
582	F	12 Mar 1997	454	393	Pt St Per	12 Mar 1997	–	Birth	Unk.		
					Lenaerts	29 Jan 1999	–	Transfer			
					Valbrembo	~20 Mar 1999	–	Transfer			
857	F	2 Dec 2002	517	582	Valbrembo	2 Dec 2002	–	Birth	Parent	Bianca	
Totals: 1.2.0 (3)											
Burger's Zoo En Safari, 6816 Sh Arnhem, The Netherlands											
367	f	~ 1963	Wild	Wild	Unk.	~ 1963	NONE	Capture	Unk.	Finita/ Zur	
					Zurich	~ 1965	102	Transfer			
					Dortmund	19 Nov 1974	025001	Transfer			
					Arnhem	25 Mar 1986	02854	Transfer			
470	M	5 May 1986	366	367	Arnhem	5 May 1986	02884	Birth	Hand	Sam	
482	F	19 Jan 1988	408	407	Krefeld	19 Jan 1988	67	Birth	Parent	Ebonie	
					Arnhem	17 Aug 1994	5005	Transfer			
601	M	5 Sep 1998	470	482	Arnhem	5 Sep 1998	5853	Birth	Unk.	Nelson	
Totals: 2.2.0 (4)											
Dierenpark Amersfoort, 3819 Ac Amersfoort, UTRECHT, The Netherlands											
520	F	8 Mar 1992	408	407	Krefeld	8 Mar 1992	533	Birth	Parent	Ella	00-01FS-D00D
					Romagne	10 Mar 1998	011	Transfer			
					Amersfoor	18 Aug 2000	M2297	Transfer			
558	M	1 Apr 1996	433	505	Zurich	1 Apr 1996	960001	Birth	Unk.	Wiagama	
					Amersfoor	15 Aug 2000	M2296	Transfer			
849	M	14 Apr 2002	558	520	Amersfoor	14 Apr 2002	M2640	Birth	Parent		
Totals: 2.1.0 (3)											
Ogrod Zoologiczny Opole, Opole, Poland											
501	M	23 Dec 1989	395	394	Erfurt	23 Dec 1989	–	Birth	Parent	Gambi	00-0013-AFD6
					Opole	26 Nov 1997	SM9707	Transfer			
					Katowice	27 Nov 1997	–	Loan to			
					Opole	23 Feb 1998	SM9707	Transfer			
509	F	1 Jul 1990	385	386	Poznan	1 Jul 1990	MN0100	Birth	Parent	Toldi	
					Opole	25 Jun 1997	SM9701	Transfer			
					Katowice	17 Jul 1997	–	Loan to			
					Opole	23 Feb 1998	SM9701	Transfer			
803	F	21 May 1999	501	509	Opole	21 May 1999	990029	Birth	Parent		
Totals: 1.2.0 (3)											
Ogrod Zoologiczny W Poznaniu, 61-063 Poznan, Poland											
386	F	~ 1968	Unk	Unk	Unk.	~ 1968	–	Birth	Unk.	Bunia	
					Rushden	~ 1974	–	Transfer			
					Poznan	11 Jun 1975	MN0098	Transfer			
541	M	11 Oct 1994	385	386	Poznan	11 Oct 1994	MN0265	Birth	Parent	Oz	
836	?	10 Aug 2001	541	386	Poznan	10 Aug 2001	MN0397	Birth	Parent		
Totals: 1.1.1 (3)											
Jardim Zoologico De Lisboa, 1500 Lisboa, Portugal											
289	M	20 Feb 1993	95	118	Twycross	20 Feb 1993	657	Birth	Unk.	Timmy	
					Lisbon	20 May 1998	6153	Loan to			
						1 Aug 2003		Death			
293	F	1 Feb 1994	96	100	Twycross	1 Feb 1994	658	Birth	Parent	Lucy	
					Lisbon	20 May 1998	6154	Loan to			
835	M	8 Jul 2001	289	293	Lisbon	8 Jul 2001	7746	Birth	Parent	Fred	
Totals: 2.1.0 (3)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transponder #
Barcelona Zoo, 08003 Barcelona, Spain											
502	F	11 Jan 1990	451	401	Barcelona	11 Jan 1990	2361	Birth	Unk.	Flaky	00 0124 D7EC
560	M	15 Apr 1996	170	126	Banham	15 Apr 1996	2048	Birth	Unk.	Jake	
					Barcelona	23 May 2002	7821	Transfer			
823	F	29 Sep 2000	492	502	Barcelona	29 Sep 2000	7062	Birth	Hand	Muara	00-061B-BB1C
					Atticazoo	19 Jun 2003	–	Loan to			
Totals: 1.2.0 (3)											
Zoologico Municipal De Fuengirola, Fuengirola, Malaga, Spain											
462	M	7 May 1985	385	386	Poznan	7 May 1985	MN0099	Birth	Parent	Jurand	JIR00-013B-18EC
					Olomouc	25 Feb 1993	4068	Transfer			
					Fuengirol	13 Feb 2002	–	Loan to			
490	F	25 Oct 1988	445	441	Lesna-Got	25 Oct 1988	LES2	Birth	Parent	Vilma	00-01DD-4D0F
					Olomouc	15 Jan 1993	3989	Transfer			
					Fuengirol	13 Feb 2002	–	Loan to			
831	M	4 Jan 2001	462	490	Olomouc	4 Jan 2001	5426	Birth	Parent	Oscar	00-060D-6591
					Fuengirol	13 Feb 2002	–	Loan to			
Totals: 2.1.0 (3)											
Zoo Seeteufel, CH-2557 Studen-Biel, Geneva, Switzerland											
369	M	~ 1963	Wild	Wild	Borneo	~ 1963	None	Capture	Unk.	Kobi	
					Studen		~ 1965	01	Transfer		
370	F	~ 1963	Wild	Wild	Borneo	~ 1963	None	Capture	Unk.	Vreneli	
					Studen	1 Jan 1965	02	Transfer			
434	M	12 Oct 1979	369	370	Studen	12 Oct 1979	04	Birth	Parent	Ali	
528	M	1 Jan 1993	434	368	Studen	1 Jan 1993	05	Birth	Unk.	Lagos	
Totals: 3.1.0 (4)											
Zoo Zürich, CH-8044 Zürich, Switzerland											
505	F	25 Jan 1990	379	380	Munich	25 Jan 1990	020012	Birth	Parent	Ina	00-0013-677C
					Zurich	14 Apr 1994	940004	Transfer			
569	M	21 Dec 1995	399	98	Antwerp	21 Dec 1995	M9762	Birth	Parent	Wim	00-01BF-ECAA
					Zurich	14 May 2002	A20083	Transfer			
602	F	7 Jun 1998	433	505	Zurich	7 Jun 1998	980020	Birth	Parent	Yala	
Totals: 1.2.0 (3)											
Thüringer Zoopark Erfurt, 99087 Erfurt, Thüringen, Germany											
394	F	~ 1971	Unk.	Unk.	Unk.	~ 1971	–	Birth	Unk.	Schnudi	
					Gollembek	????		Transfer			
					Erfurt	19 May 1974	185	Transfer			
479	M	23 Aug 1987	395	394	Erfurt	23 Aug 1987	189	Birth	Parent	Rokan	00-0012-031C
Totals: 1.1.0 (2)											
Circus Probst, Stassfurt, Magdeburg, Germany											
376	M	~ 1966	Wild	Wild	Unk.	~ 1966	None	Capture	Unk.	Janek	
					Praha	~ 1970	–	Transfer			
					Dresden	28 Mar 1972	172006	Transfer			
					Stassfurt	3 May 1993	–	Transfer			
Totals: 1.0.0 (1)											
Tierpark Hellabrunn, 81543 Muenchen, Germany											
379	M	~ 1968	Wild	Wild	Unk.	~ 1968	None	Capture	Unk.	Ingo	
					Wass Br C	~ 1970	–	Transfer			
					Munich	26 Jul 1973	020001	Transfer			
543	M	21 Nov 1994	379	380	Munich	21 Nov 1994	020017	Birth	Unk.	Ion	
Totals: 2.0.0 (2)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Zoologischer Garten Berlin, 10787 Berlin, Germany											
359	M	~ 1960	Wild	Wild	Unk.	~ 1960	None	Capture	Parent	Sumo	
					Berlinzoo	24 Sep 1962	620013	Transfer			
534	M	17 Nov 1993	359	418	Berlinzoo	17 Nov 1993	930075	Birth	Parent	Sakim	
561	M	16 May 1996	359	418	Berlinzoo	16 May 1996	960061	Birth	Unk.		
					Hodenhagn	15 Aug 2003	–	Loan to			
840	M	23 Jul 1998	359	418	Berlinzoo	23 Jul 1998	980258	Birth	Parent		
Totals: 4.0.0 (4)											
Zoo Jaderberg, 26349 Jade/Jaderberg, Germany											
412	F	29 Sep 1974	371	375	Duisburg	29 Sep 1974	167	Birth	Parent	Trine	00-0126-DA54
					Jaderberg	10 Jun 1999	–	Transfer			
526	M	30 Sep 1992	366	367	Arnhem	30 Sep 1992	4599	Birth	Hand	Roger	0001-BB07-7E
					Fota	16 Sep 1995	1049	Transfer			
					Jaderberg	14 Jan 1999	–	Transfer			
539	F	6 Apr 1994	404	412	Duisburg	6 Apr 1994	2568	Birth	Parent	Whoopie	00-01C6-93EA
					Jaderberg	10 Jun 1999	–	Transfer			
Totals: 1.2.0 (3)											
Dortmund Zoo, D-44225 Dortmund, Germany											
449	F	21 Jul 1982	366	367	Dortmund	21 Jul 1982	025005	Birth	Unk.	Gerda	
484	M	11 May 1988	379	380	Munich	11 May 1988	020004	Birth	Parent	Wastel/Isi	
					Dortmund	21 Oct 1992	025011	Loan to			
812	F	28 Jan 2000	484	449	Dortmund	28 Jan 2000	025015	Birth	Parent	Nyanyi	
					Hodenhagn	31 Jul 2003	–	Loan to			
Totals: 1.2.0 (3)											
Zoo Duisburg, 47058 Duisburg, Germany											
404	M	~ 1974	Wild	Wild	Wild	~ 1974	None	Capture	Unk.	Jupp	
					Oisterwijk	~ 1975	–	Transfer			
					Duisburg	13 May 1975	169	Transfer			
423	F	31 Jul 1977	Unk.	Unk.	Duisburg	31 Jul 1977	170	Birth	Unk.	Pueppi	
471	M	28 May 1986	404	412	Duisburg	28 May 1986	175	Birth	Hand	Elliot	
555	M	3 Dec 1995	471	423	Duisburg	3 Dec 1995	3004	Birth	Parent	Jeckyll	
818	?	9 Jul 2000	471	423	Duisburg	9 Jul 2000	4122	Birth	Parent		
Totals: 3.1.1 (5)											
Krefelder Zoo, 47800 Krefeld, Germany											
405	M	~ 1974	Wild	Wild	Unk.	~ 1974	None	Capture	Unk.	Elvis	
					L Ruhe		~ 1975	–	Transfer		
					Krefeld	20 Apr 1975	64	Transfer			
406	F	~ 1974	Wild	Wild	Unk.	~ 1974	None	Capture	Unk.	Kathrin	
					L Ruhe	~ 1975	–	Transfer			
					Krefeld	20 Apr 1975	65	Transfer			
407	F	~ 1974	Wild	Wild	Unk.	~ 1974	None	Capture	Unk.	Ellen	
					L Ruhe		~ 1975	–	Transfer		
					Krefeld	20 Apr 1975	63	Transfer			
408	M	~ 1974	Wild	Wild	Unk.	~ 1974	None	Capture	Unk.	Ringo	
					L Ruhe	~ 1974	–	Transfer			
					Krefeld	20 Apr 1975	62	Transfer			
542	M	31 Oct 1994	408	407	Krefeld	31 Oct 1994	790	Birth	Parent	Helge	
584	F	3 May 1997	408	407	Krefeld	3 May 1997	999	Birth	Parent	Alice	
597	M	15 Jan 1998	405	406	Krefeld	15 Jan 1998	1073	Birth	Parent	Guido	
819	M	16 Aug 2000	405	406	Krefeld	16 Aug 2000	1280	Birth	Parent	Julio	
825	?	19 Oct 2000	408	407	Krefeld	19 Oct 2000	1291	Birth	Parent	Cher	
856	?	25 Nov 2002	408	407	Krefeld	25 Nov 2002	1438	Birth	Parent		
Totals: 5.3.2 (10)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transponder #
Zoologicka Garden and Chateau Lesna, 763 14 Zlin-Lesna, CZECH REPUBLIC											
445	M	11 Mar 1982	376	377	Dresden	11 Mar 1982	182004	Birth	Unk.	Joseph/Pep	
					Lesna-Got	30 Aug 1985	198033	Transfer			
486	M	9 Jul 1988	404	412	Duisburg	9 Jul 1988	176	Birth	Hand	Plato	
					Ostrava	6 Sep 1991	200047	Transfer			
					Lesna-Got	14 Oct 2002	202105	Loan to			
Totals: 2.0.0 (2)											
Zoologicka Zahrada Olomouc, 783 51 Kopecek U Olo, Severomoravsky, Czech Republic											
493	M	~ 1989	Unk.	Unk.	Indonesia	~ 1989	–	Birth	Unk.	Bento	
					Olomouc	1 Dec 1994	4334	Transfer			
494	F	~ 1989	Unk.	Unk.	Indonesia	~ 1989	–	Birth	Unk.	Monika	
					Olomouc	1 Dec 1994	4333	Transfer			
595	F	2 Dec 1997	493	494	Olomouc	2 Dec 1997	4852	Birth	Parent	Nicky	
833	?	19 Feb 2001	493	494	Olomouc	19 Feb 2001	5429	Birth	Parent		
Totals: 1.2.1 (4)											
Zoologicka Zahrada Ostrava, 710 00 Ostrava, Severomoravsky, CZECH REPUBLIC											
295	M	26 Nov 1994	181	125	Edinburgh	26 Nov 1994	94KB09	Birth	Parent	Kota	02019CCB
					Ostrava	21 Nov 2000	–	Transfer			
475	F	22 Feb 1987	445	441	Lesna-Got	22 Feb 1987	LES1	Birth	Parent	Sylva	
					Ostrava	28 Mar 1991	–	Transfer			
Totals: 1.1.0 (2)											
South Lakes Wild Animal Park, Dalton-in-Furness, Cumbria, England (U.K.)											
401	F	~ 1973	Wild	Wild	Unk.	~ 1973	None	Capture	Unk.	Nancy	00 0124 FE89
					San Diego	~ 1975	181190	Transfer			
					Barcelona	2 Dec 1988	2020	Transfer			
					So Lakes	5 May 1999	HS0001	Loan to			
451	M	9 Apr 1983	397	354	Frankfurt	9 Apr 1983	23583	Birth	Unk.	Willy	00 0012 513F
					Barcelona	24 Jan 1989	2060	Loan to			
					So Lakes	5 May 1999	HS0002	Loan to			
Totals: 1.1.0 (2)											
Monkey World - Ape Rescue Centre, Wareham, Dorset, England											
267	M	2 Oct 1992	170	126	Banham	2 Oct 1992	1674	Birth	Parent	Sam	
					Twycross	8 Mar 1997	–	Transfer			
					Monkey World	13 Mar 1997	–	Transfer			
273	F	18 Nov 1992	151	165	Twycross	18 Nov 1992	588	Birth	Unk.	Sage	985100005 541091
					Monkey World	13 Mar 1997	–	Loan to			
821	M	19 Sep 2000	267	273	Monkey World	19 Sep 2000	–	Birth	Unk.	Onion	
Totals: 2.1.0 (3)											
Marwell Zoological Park, Winchester, Hampshire, England (U.K.)											
99	F	~ 1967	Unk	Unk	Rushden	~ 1973	–	Transfer	Unk.	Dara	
					Twycross	31 Dec 1975	–	Transfer			
					Marwell	11 Jul 1984	724	Loan to			
158	F	6 Jun 1985	66	99	Marwell	6 Jun 1985	727	Birth	Parent	Simone	
234	m	23 Jul 1985	433	421	Zurich	23 Jul 1985	0205	Birth	Unk.	Luang	
					Marwell	2 Oct 1990	1531	Transfer			
583	m	18 Mar 1997	234	158	Marwell	18 Mar 1997	3630	Birth	Parent	Hale Bop	
807	?	17 Jun 1999	234	158	Marwell	17 Jun 1999	4613	Birth	Parent		
844	M	2 Oct 2001	234	158	Marwell	2 Oct 2001	5648	Birth	Parent	Rosh	
Totals: 3.2.1 (6)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Howletts Zoo Park, Hythe, Kent, England (U.K.)											
203	M	~ 1979	Wild	Wild	Unk.	?	NONE	Capture	Parent	Gog	
					Jakarta	~ 1980	–	Transfer			
					Bekesbrne	18 Apr 1984	H84034	Transfer			
206	M	7 Apr 1981	Unk	Unk	Jakarta	7 Apr 1981	–	Birth	Unk.	Khari	
					Bekesbrne	23 Dec 1987	H87047	Transfer			
208	F	3 Apr 1974	379	380	Munich	3 Apr 1974	020007	Birth	Parent	Bulu/ Inga	
					Bekesbrne	9 Jul 1982	H82024	Loan to			
						10 Jun 1986	H82024	Ownership			
241	F	23 Apr 1991	206	210	Bekesbrne	23 Apr 1991	H91040	Birth	Foster	Kukugog	
284	M	5 Jul 1993	203	207	Bekesbrne	5 Jul 1993	H93033	Birth	Parent	Jogog	
580	M	24 Feb 1997	206	208	Bekesbrne	24 Feb 1997	H97012	Birth	Parent	Xhabu	
586	F	17 Jun 1997	203	241	Bekesbrne	17 Jun 1997	H97056	Birth	Parent	Agog	00-0606-323D
802	F	3 May 1999	203	241	Bekesbrne	3 May 1999	–	Birth	Unk.	Dema- gogue	
804	F	25 May 1999	206	208	Bekesbrne	25 May 1999	–	Birth	Unk.	Xhali	
843	F	23 Sep 2001	206	208	Bekesbrne	23 Sep 2001	H20130	Birth	Parent		
854	M	28 Oct 2002	Unk	241	Bekesbrne	28 Oct 2002	H20228	Birth	Parent		
Totals: 5.6.0 (11)											
Port Lympne Zoo Park, Hythe, Kent, England (U.K.)											
211	F	30 Jan 1987	203	207	Bekesbrne	30 Jan 1987	H87045	Birth	Parent	Sprogog	
					Lympne	4 Nov 1998	P98079	Transfer			
219	M	12 Jan 1983	Unk	Unk	Sandiegoz	12 Jan 1983	083052	Birth	Parent	Mitch	
					Barcelona	2 Dec 1988	2021	Transfer			
					Lympne	14 Jun 1989	P89047	Loan to			
227	M	30 Oct 1990	170	126	Banham	30 Oct 1990	31	Birth	Parent	Coco/coc	
					Bekesbrne	~18 May 1995	h95028	Loan to			
					Lympne	4 Nov 1998	P98080	Loan to			
593	M	23 Oct 1997	219	210	Lympne	23 Oct 1997	P97055	Birth	Parent	Togs	00-0638-7523
605	M	2 Dec 1998	227	211	Lympne	2 Dec 1998	P98082	Birth	Parent	Ekoc	
829	F	21 Nov 2000	227	211	Lympne	21 Nov 2000	P20058	Birth	Unk.	Aloc	
853	F	15 Oct 2002	605	211	Lympne	15 Oct 2002	P22041	Birth	Parent	Sintang	
Totals: 4.3.0 (7)											
Banham Zoo Ltd, Banham, Norfolk, England (U.K.)											
126	F	25 Oct 1981	60	61	Banham	25 Oct 1981	28	Birth	Parent	Gemma (Bin	
170	M	30 Jun 1984	399	98	Antwerp	30 Jun 1984	M8146	Birth	Parent	Mano / Ric	
					Banham	16 Oct 1986	29	Transfer			
834	M	13 Apr 2001	170	126	Banham	13 Apr 2001	3502	Birth	Parent	Elwood	00-05FD-F6AC
Totals: 2.1.0 (3)											
Thrigby Hall Wildlife Gardens, Great Yarmouth, Norfolk, England (U.K.)											
221	M	23 Jul 1975	378	368	Zurich	23 Jul 1975	109	Birth	Unk.	Bohorok	
					Yarmouth	31 Aug 1989	–	Transfer			
248	F	10 Jan 1987	433	421	Zurich	10 Jan 1987	207	Birth	Unk.	Nias	
					Yarmouth	14 Nov 1991	–	Loan to			
800	M	5 Apr 1999	221	248	Yarmouth	5 Apr 1999	–	Birth	Unk.	Chandler	00-060F-680F
					Lisieux Z	25 Apr 2003	–	Transfer			
						~16 May 2003		Death			
845	M	2 Jan 2002	221	248	Yarmouth	2 Jan 2002	–	Birth	Parent	Gerry	
Totals: 3.1.0 (4)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transpon-der #
Cotswold Wildlife Park, Oxford, England (U.K.)											
278	F	4 Apr 1993	219	210	Lympne	4 Apr 1993	P93012	Birth	Parent	Spindle	00-01C6-19C2
					Burford	1 Dec 2000	MM501	Transfer			
283	M	29 Mar 1993	206	208	Bekesbrne	29 Mar 1993	H93014	Birth	Parent	Xhulu	00-01D9-20D4
					Burford	1 Dec 2000	MM500	Transfer			
848	M	3 Mar 2002	283	278	Burford	3 Mar 2002	MM620	Birth	Parent		
Totals: 2.1.0 (3)											
Twycross Zoo, Warwickshire, England (U.K.)											
118	F	27 Mar 1980	95	101	Twycross	27 Mar 1980	80	Birth	Unk.	Betony	
136	M	~ 1975	Wild	Wild	Jakarta	~ 1975	NONE	Capture	Parent	Deny	
					Dublin	29 Jul 1982	82M044	Transfer			
					Twycross	17 May 1994	659	Loan to			
						31 Oct 1998	659	Ownership			
229	M	3 Nov 1990	96	100	Twycross	3 Nov 1990	353	Birth	Hand	Kane	
240	F	30 Jan 1991	66	99	Marwell	30 Jan 1991	1592	Birth	Hand	Shaan	
					Blackpool	30 Jan 1991	–	Ownership			
					Twycross	11 Sep 1991	355	Loan to			
292	F	27 Mar 1994	204	211	Bekesbrne	27 Mar 1994 H94014	Birth	Parent		Tango	
					Twycross	13 Oct 1996	1098	Loan to			
294	M	13 Dec 1994	151	165	Twycross	13 Dec 1994	692	Birth	Parent	Basil	
562	M	26 May 1996	136	118	Twycross	26 May 1996	1059	Birth	Parent	Daniel	
566	M	19 Oct 1996	96	100	Twycross	19 Oct 1996	2002	Birth	Unk.	Jake	00-00F7-7B3E
					Cambron	2 Jul 2003	6626	Loan to			
591	M	22 Aug 1997	136	118	Twycross	22 Aug 1997	2072	Birth	Parent	Dodi	
828	F	18 Nov 2000	294	292	Twycross	18 Nov 2000	3586	Birth	Parent	Tarragon	
830	M	25 Nov 2000	96	100	Twycross	25 Nov 2000	3594	Birth	Hand	Spike	
839	F	2 Jul 2001	136	118	Twycross	2 Jul 2001	3723	Birth	Parent	Beatrice	
Totals: 7.5.0 (12)											
Edinburgh Zoo-Scottish National Zoo, Edinburgh, Scotland (U.K.)											
125	F	26 May 1981	96	100	Twycross	26 May 1981	–	Birth	Unk.	Fern	
					Edinburgh	18 Mar 1986	860305	Loan to			
						1 Jan 1996	860305	Ownership			
181	M	12 Jun 1982	Unk	Unk	Chicagobr	12 Jun 1982	–	Birth	Parent	Arm-strong	
					Franklinp	~ 1983	24733	Transfer			
					Edinburgh	24 Mar 1987	870302	Loan to			
588	M	30 Jul 1997	181	125	Edinburgh	30 Jul 1997	97GB04	Birth	Parent	Chan	
815	F	15 May 2000	181	125	Edinburgh	15 May 2000	M00E05	Birth	Parent	Suli	0001-BD05-0E
852	M	13 Sep 2002	181	125	Edinburgh	13 Sep 2002	M02103	Birth	Parent	Jambi	956000 00005250
Totals: 3.2.0 (5)											
Manor House Wildlife and Leisure Park, Tenby, Dyfed, Wales (U.K.)											
193	F	30 Sep 1988	181	125	Edinburgh	30 Sep 1988	881B7	Birth	Parent	Heather	
					Manor Hs.	21 Mar 1995	–	Loan to			
228	M	15 Jan 1990	203	207	Bekesbrne	15 Jan 1990	H90048	Birth	Parent	Trog	
					Manor Hs.	22 Mar 1995	–	Loan to			
565	M	8 Aug 1996	228	193	Manor Hs.	8 Aug 1996	–	Birth	Parent	Trevor	
Totals: 2.1.0 (3)											

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearing	Name	Transponder #
Fota Wildlife Park, Co Cork, Ireland											
164	M	15 Sep 1980	397	354	Frankfurt	15 Sep 1980	23582	Birth	Unk.	Clyde	0001-E754FIT
					Fota	26 Nov 1984	487	Transfer			
514	F	16 Jul 1991	366	367	Arnhem	16 Jul 1991	4378	Birth	Hand	Kaya	0001-BBC002T
					Fota	16 Sep 1995	1048	Transfer			
606	F	27 Dec 1998	164	514	Fota	27 Dec 1998	1399	Birth	Unk.	Katie	0001-CEB7BET
					Cambron	5 Jun 2003	6586	Loan to			
Totals: 1.2.0 (3)											
Zoological Society of Ireland-Dublin, Dublin 8, Ireland											
215	M	4 Oct 1989	136	8	Dublin	4 Oct 1989	89M144	Birth	Parent	Gadget	
296	F	2 May 1992	433	421	Zurich	2 May 1992	214	Birth	Parent	Sasak	
					Dublin	22 Jun 1994	94MO49	Transfer			
827	F	17 Nov 2000	215	296	Dublin	17 Nov 2000	A0M087	Birth	Parent		
858	?	20 Dec 2002	215	296	Dublin	20 Dec 2002	A2M069	Birth	Parent		
Totals: 1.2.1 (4)											
The Tisch Family Zoological Gardens, Jerusalem, Israel											
461	F	4 May 1985	Unk	Unk	Portland	4 May 1985	–	Birth	Unk.	Malacca	
					Jerusalem	14 May 1991	243	Transfer			
466	M	~ 1986	Unk	Unk	Unk.	~ 1986	–	Birth	Hand	Elliot	
					Ferndale	~ 1990	–	Transfer			
					Jerusalem	14 May 1991	244	Transfer			
557	M	12 Mar 1996	466	461	Jerusalem	12 Mar 1996	620	Birth	Parent	Christophe	
600	M	1 Jul 1998	466	461	Jerusalem	1 Jul 1998	872	Birth	Parent	Dylan	
824	M	9 Oct 2000	466	461	Jerusalem	9 Oct 2000	1288	Birth	Parent	Richard	
Totals: 4.1.0 (5)											
TOTALS: 98.74.10 (182)											
48 Institutions											

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Name	Transponder #
831	M	4 Jan 2001	462	490	Olomouc	4 Jan 2001	5426	Birth	Oscar	00-060D-6591
					Fuengirol	13 Feb 2002	–	Loan to		
832	M	15 Feb 2001	284	241	Bekesbrne	15 Feb 2001	H20103	Birth	Omagog	00-0620-06D3
						27 Dec 2002		Death		
833	?	19 Feb 2001	493	494	Olomouc	19 Feb 2001	5429	Birth		
834	M	13 Apr 2001	170	126	Banham	13 Apr 2001	3502	Birth	Elwood	00-05FD-F6AC
835	M	8 Jul 2001	289	293	Lisbon	8 Jul 2001	7746	Birth	Fred	
836	?	10 Aug 2001	541	386	Poznan	10 Aug 2001	MN0397	Birth		
837	?	22 Jan 2001	413	409	Guerno	22 Jan 2001	–	Birth	Samsha	
839	F	2 Jul 2001	136	118	Twycross	2 Jul 2001	3723	Birth	Beatrice	
841	M	10 May 2001	399	98	Antwerp	10 May 2001	M10332	Birth		
						10 May 2001		Death		
842	M	8 Jul 2001	467	485	Dore Zoo	8 Jul 2001	–	Birth		
843	F	23 Sep 2001	206	208	Bekesbrne	23 Sep 2001	H20130	Birth		
844	M	2 Oct 2001	234	158	Marwell	2 Oct 2001	5648	Birth	Rosh	
845	M	2 Jan 2002	221	248	Yarmouth	2 Jan 2002	–	Birth	Gerry	
846	F	5 Jan 2002	535	527	Besancon	5 Jan 2002	B02005	Birth	Xiao	
847	?	27 Jan 2002	399	98	Antwerp	27 Jan 2002	M10420	Birth	Dino	
848	M	3 Mar 2002	283	278	Burford	3 Mar 2002	MM620	Birth		
849	M	14 Apr 2002	558	520	Amersfoor	14 Apr 2002	M2640	Birth		
850	M	2 May 2002	522	553	Romagne	2 May 2002	441	Birth	Nyamuk	
851	M	5 Jul 2002	501	509	Opole	5 Jul 2002	M02053	Birth		
						8 Jul 2002		Death		
852	M	13 Sep 2002	181	125	Edinburgh	13 Sep 2002	M02103	Birth	Jambi	956000 00005250
853	F	15 Oct 2002	605	211	Lympne	15 Oct 2002	P22041	Birth	Sintang	
854	M	28 Oct 2002	Unk.	241	Bekesbrne	28 Oct 2002	H20228	Birth		
855	?	7 Nov 2002	263	129	Fontaine	7 Nov 2002	58HS8	Birth		
856	?	25 Nov 2002	408	407	Krefeld	25 Nov 2002	1438	Birth		
857	F	2 Dec 2002	517	582	Valbrembo	2 Dec 2002	–	Birth	Bianca	
858	?	20 Dec 2002	215	296	Dublin	20 Dec 2002	A2M069	Birth		
859	F	25 Jun 2002	526	539	Jaderberg	25 Jun 2002	–	Birth		
						25 Jun 2002		Death		
TOTALS: 14.6.7 (27)										

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearin g	Name	Trans- ponder #
66	m	~ 1967	Unk.	Unk.	Unknown	~ 1967	–	Birth	Unk.	Tuan	
					Singapore	~ 1972	–	Transfer			
					Blackpool	6 Apr 1973	–	Transfer			
					Marwell	1 Oct 1984	726	Transfer			
						9 Oct 2002		Death			
[Death by: Other/Unk., Unk., Unk., (after Autopsy)]											
96	M	~ 1964	Unk.	Unk.	Unknown	~ 1964	–	Birth	Unk.	Kajang	
					Birming	~ 1965	–	Transfer			
					Twycross	15 Mar 1971	77	Transfer			
						12 Nov 2001		Death			
[Death by: Euthanasia, Unk., Unk., (after Autopsy)]											
100	F	~ 1973	Unk.	Unk.	Unknown	~ 1973	–	Birth	Unk.	Ebony	
					Rushden	~ 1974	–	Transfer			
					Twycross	24 Apr 1976	78	Transfer			
						12 Sep 2001		Death			
[Death by: Euthanasia, Unk., Unk., (after Autopsy)]											
375	F	~ 1966	Wild	Wild	Wild	~ 1966	None	Capture	Unk.	Hexe	
					Duisburg	~ 1967	163	Transfer			
						9 Jan 2002		Death			
[Death by: Infection Associated, Incinerate, Generalized, Metabolism]											
413	M	~ 1975	Wild	Wild	Malaysia	~ 1975	None	Capture	Unk.	Bi- boussi	
					Guerno	1 Feb 1979	–	Transfer			
						11 Jul 2001		Death			
[Death by: Other/Unk., Unk., Unk., (after Autopsy)]											
418	F	22 Feb 1976	379	380	Munich	22 Feb 1976	020008	Birth	Parent	Siam/ Maja	
					Berlinzoo	27 Oct 1980	800026	Transfer			
						30 Mar 2001		Death			
[Death by: Other/Unk., Unk., Unk., (after Autopsy)]											
441	F	13 Jun 1981	379	380	Munich	13 Jun 1981	020011	Birth	Parent	Irina/ Cern	
					Lesna-Got	11 Apr 1985	198032	Transfer			
						13 May 2002		Death			
[Death by: Malicious Destruction, Unk., Reproductive, New Growths]											
443	F	16 Jul 1981	366	367	Dortmund	16 Jul 1981	025004	Birth	Unk.	Frieda	
					Lille Zoo	28 Sep 1999	1166	Transfer			
						19 Nov 2001		Death			
[Death by: Other/Unk., Given to an Institution, Urinary, Unk., (after autopsy)]											
492	M	5 Nov 1988	359	418	Berlinzoo	5 Nov 1988	880034	Birth	Parent	Mak	00 0113 3CEO
					Barcelona	29 Jul 1998	5979	Transfer			
						24 Apr 2001		Death			
[Death by: Malicious Destruction, Unk., Generalized, New Growths]											
546	F	7 Feb 1995	444	446	Guerno	7 Feb 1995	–	Birth	Parent	Kalima	
						24 Apr 2001		Death			
[Death by: Unk. means]											
826	F	13 Nov 2000	470	482	Arnhem	13 Nov 2000	6129	Birth	Parent		
						21 May 2001		Death			
[Death by: Other/Unk., Unk., Unk., (after Autopsy)]											

Appendix 3 (ctd.)

[illegible]

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Dates: Between 01 Jan. 2001 and 31 Dec. 2002

Stud #	Sex	Birth Date	Sire	Dam	Location	Date	Local ID	Event	Rearin g	Name	Transpo nder #
446	F	18 Apr 1982	413	409	Guerno	18 Apr 1982	–	Birth	Parent	Datuk	
					Le Vigen	11 Apr 2002	–	Transfer			
462	M	7 May 1985	385	386	Poznan	7 May 1985	MN0099	Birth	Parent	Jurand/ Jir	00-013B-18EC
					Olomouc	25 Feb 1993	4068	Transfer			
					Fuengirol	13 Feb 2002	–	Loan to			
486	M	9 Jul 1988	404	412	Duisburg	9 Jul 1988	176	Birth	Hand	Plato	
					Ostrava	6 Sep 1991	200047	Transfer			
					Lesna-Got	14 Oct 2002	202105	Loan to			
490	F	25 Oct 1988	445	441	Lesna-Got	25 Oct 1988	LES2	Birth	Parent	Vilma	00-01DD-4D0F
					Olomouc	15 Jan 1993	3989	Transfer			
					Fuengirol	13 Feb 2002	–	Loan to			
531	M	31 May 1993	466	461	Jerusalem	31 May 1993	320	Birth	Parent	Toby	01F1-1022
					Frejus	21 Jan 2001	–	Transfer			
548	M	14 Mar 1995	462	490	Olomouc	14 Mar 1995	4384	Birth	Parent	Buffy- Caky	00-0144-C439
					Fuengirol	13 Feb 2002	–	Loan to			
						30 Nov 2002		Death			
560	M	15 Apr 1996	170	126	Banham	15 Apr 1996	2048	Birth	Unk.	Jake	
					Barcelona	23 May 2002	7821	Transfer			
569	M	21 Dec 1995	399	98	Antwerp	21 Dec 1995	M9762	Birth	Parent	Wim	00-01BF-ECAA
					Zurich	14 May 2002	A20083	Transfer			
585	F	22 May 1997	444	446	Guerno	22 May 1997	–	Birth	Unk.	Noetuk	00-01C6-5206
					Le Vigen	11 Apr 2002	–	Transfer			
					Lille Zoo	10 Jan 2003	1809	Loan to			
						15 Aug 2003		Death			
589	F	2 Aug 1997	484	449	Dortmund	2 Aug 1997	025013	Birth	Unk.	Linchah	96800000028224
					Ferrat	30 Jul 2001	–	Loan to			
592	M	8 Oct 1997	484	443	Dortmund	8 Oct 1997	025014	Birth	Unk.	Manis	96800000071272
					Ferrat	30 Jul 2001	–	Loan to			
831	M	4 Jan 2001	462	490	Olomouc	4 Jan 2001	5426	Birth	Parent	Oscar	00-060D-6591
					Fuengirol	13 Feb 2002	–	Loan to			
TOTALS: 8.4.0 (12)											