

STUDBOOK

GEOCHELONE ELEGANS

ANNUAL REPORT 2003



photo: Peter Bulsing

studbookno.0054

STUDBOOK *GEOCHELONE ELEGANS*-ANNUAL REPORT 2003

1. INTRODUCTION AND ACTIVITIES IN 2003
2. STUDBOOK POPULATION
3. STUDBOOK LOCATIONS
4. BIRTHS
5. DEATHS
6. TRANSFERS
7. CONCLUSION

1. INTRODUCTION AND ACTIVITIES IN 2003

Reports in 2002 showed the eventful beginning of a new studbook. During the start up, the ESF was asked by the Turtle Survival Alliance (TSA) to admit 40 animals into the studbook. They belonged to a group of 100 *Geochelone elegans* which were confiscated in Hong Kong. Eventually, 39 arrived at Schiphol Airport. The little Indian Star Tortoises, with an average weight of about 60 grams, were distributed under contract over ten locations. They seemed to be in good condition, but it soon proved otherwise. This was already mentioned in the annual report over 2002. On 31 December 2002, 27 of the 38 animals had survived. Like the studbook holder was already expecting, this was not the end of it. Animals in the group kept dying until 2 July 2003. Since then, 12 have survived. In the mean time, a little more than half of the animals are growing well, while the rest is weighing as much as when they arrived at the various locations. They are eating well, however, are free of parasites and look lively. Therefore, the hope remains that they will soon start growing as well.

By way of TSA-USA, 40 *G. elegans* of the same confiscated batch went to the United States. They were placed there as a group under the care of a veterinarian and treated for internal parasites. Some time after, they went to a number of private persons. By the fall of 2003, six animals had survived in this group. Why did Europe do better? We can only guess. Maybe the European animals were in a better condition. The studbook holder thinks it probable that there were other reasons.

Immediately after arrival, the European animals were housed at ten different locations in order to minimize the risks. It appeared furthermore, that the (medical) care at the different locations differed considerably sometimes. Based on the reports which the participants sent to the studbook holder, it is uncertain what the right therapy was. Almost all animals had oedematous swellings in the groin area. One of the consulted veterinarians ascribed this to prolonged periods of malnourishment and dehydration. The prescribed therapy was a daily bath in lukewarm water enriched with electrolytes. The goal was to let the animals catch their strength in relative peace. Only then were the internal parasites tackled. This was almost certainly the right choice. At other locations too, where initially some restraint was practised in force-feeding medication and where the little turtles were bathed daily it seems that more animals survived. What the most successful therapy was, cannot be made out from the reports. Certain is that on all locations everything has been done to save as many animals as possible. The studbook holder would therefore thank every participant, also in behalf of TSA-Europe for their enormous effort.

During 2003 the studbook was again confronted with a confiscation. On a French highway, about 60 five year old *G. elegans* were retrieved from a car trunk full of animals. The whole group was transferred to a French zoo, which consequently registered them with the studbook. No deaths were reported from France since then. On the website of ISIS (International Species Information System) however, 51 *G. elegans* from unknown origin are registered. It appears that at least 9 animals from this group have died.

The studbook holder has frequently been able to provide interested turtle enthusiasts with required or unsolicited information about *G. elegans*. In one case mediation has led to the exchange of two animals.

A publication in Trionyx, magazine of the Dutch Turtle Society, resulted in the application of only one new studbook participant with two unrelated animals. Because it is known to the studbook holder that *G. elegans* is kept in the Netherlands at several registered locations, the result is disappointing. It is not his intention to harass everyone with non-registered animals into registering them. A well functioning studbook consists of studbook participants and a studbook holder who are motivated. Turtle owners who do not (wholeheartedly) want to register their animals, should not participate. They should notice however, that they miss out on the benefits of participating in a studbook. I will gladly mention these benefits again.

By registering legal animals in a studbook:

- an international breeding program can be started;
- knowledge about the species will be gathered, which is conducive to optimising the care for these animals;
- makes it possible to exchange animals on an international level;
- the species will remain available to the hobbyist;
- makes it possible to help with knowledge and maybe in the future with animals, the conservation of wild populations;
- can stop or limit the amount of animals imported from the wild;
- makes it perhaps possible, after changing CITES legislation, to prove legal ownership of the animals.

2. STUDBOOK POPULATION

On 31 December 2003, 126 animals (7-10-109) were registered. At the date mentioned, 95 (6-10-79) were still alive.

3. STUDBOOK LOCATIONS

On 31 December 2003. 14 locations in the Netherlands, Germany and Belgium were registered. On 3 of these locations, animals were no longer kept at the date mentioned.

4. BIRTHS

No births were reported in 2003. The studbook holder however, knows of births at at least two studbook locations. In one case it concerns births from unregistered turtles. The intended participant has also some *G. elegans* owned by the studbook (Hong Kong-group). These are registered, of course. In 2002 the studbook has successfully used his ample experience and great knowledge about this species. It would be well when he would register his own animals and their young yet. It is possible that after some time these young enter the studbook as from unknown origin, which reduces their value for serious breeding purposes.

In the second case it concerns the first born young from animals that are registered in the studbook. The studbook holder assumes that they will be registered in the near future. In the previous paragraph the importance of studbook registration was already mentioned.

The studbook holder has furthermore knowledge of two locations in the Netherlands where breeding takes place with deliberately unregistered *G. elegans*. All these breeding results give much hope for the future, as most of the studbook animals are yet too young to breed.

5. DEATHS

In the period between 1 January 2003 until 2 July 2003, 15 studbook animals have died. They all belonged to the 'Hong Kong-group'. At their time of death, all these animals weighed the same or slightly less than on their arrival at the locations. Of the remaining 12 turtles from this group, less than half has not gained weight or increased in length. After and thanks to the long but temporary intensive care by Rotterdam Zoo, one 'Hong Kong-animal' from the studbook holder, picked up as late as the end of September 2003. That is why he still hopes that all 12 surviving animals will live eventually.

6. TRANSFERS

Three transfers were conducted in 2003, some by mediation of the studbook holder. A very large female (26 cm) was gifted by Reptielenzoo IGUANA to the studbook under certain conditions. One

captive-bred animal changed hands and in a third case a Dutch studbook participant exchanged a captive-bred male with a German turtle keeper against a captive-bred female. Because the private *G. elegans* is not registered at the German location (see 'births') and is bred from parents from the wild, it is certain that with this exchange a new bloodline has entered the studbook.

7. CONCLUSION

When the studbook holder took up the plan with the ESF to create a studbook for *G. elegans*, he imagined that there was a relatively small number of these animals in captivity, especially in the Netherlands. Good communication between the keepers, seemed to make sense to him. In the first twelve months of its existence, 98 animals had to be registered, which were confiscated in Hong Kong and France. While writing this report, the TSA was working on a rescue operation of 307 confiscated animals, again from Hong Kong. The next annual report will deal with this extensively. It came to his attention that a further two very large groups were confiscated in Asia. It always concerns very young animals, so they are probably intended for the pet trade. Regarding the chances of survival for these animals, this makes him very angry. Many people enrich themselves, paid for with the life of many animals. The private turtle keeper is often blamed for this, because they are supposed to create a demand for these animals. The truth is different. The commercial trade thinks they can create a demand by supplying many animals and try to sell the animals for a large sum of money to inexperienced persons. The above shows how important it is to have a well functioning studbook, by which we can strive for excellent breeding results. In this way we can work on a payable supply of young animals, which can be housed, with proper advise and guidance, by serious hobbyists. In this way we can reduce the selling of animals from the wild in the commercial trade, or, even better, stop it altogether. The studbook holder thinks that every true turtle lover will not hesitate to help. So, don't hesitate but participate in the studbook.

Like mentioned in the last paragraph, the TSA has rescued another 300 very small *G. elegans* in the spring of 2004. Half of this number at most will come to Europe and will be housed under contract with (new) studbook members (among which a few zoos). It is to be expected, therefore, that the studbook holder will be mostly concerned with this group during this year. On basis of the experiences of the participants of the 'Hong Kong I project', he will try to act as mediator to save as many turtle lives as possible. Studbook participants who are not involved in this project, will perhaps not hear much of him. But that does not mean he has forgotten them, he will be always ready to answer questions or to mediate.

Last year the studbook holder was asked regularly for the addresses of breeders of *G. elegans*. Sometimes it was possible to transfer the question to a participant of the studbook. In most cases the advice was to place an advertisement in a magazine, for example that of the Dutch Turtle Society. Sometimes the question was about caring and keeping *G. elegans*. These questions were always answered by a reference to excellent publications in several magazines.

Below an overview of readable articles and internet sites about the Indian star tortoise.

Guidelines for publication on the ESF site are under construction.

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INDIAN STAR TORTOISE Studbook (*Geochelone elegans*)

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000001	M	00 000 1990	WILD	WILD	UNK	00 000 1991	UNK	Capture	
						XXX	UNK	Transfer	
						001	XX0053	Transfer	
000002	M	00 000 1990	WILD	WILD	UNK	00 000 1991	UNK	Transfer	
						XXX	UNK	Transfer	
						001	XX0054	Transfer	
000003	F	00 000 1990	WILD	WILD	UNK	00 000 2000		Death	00 000 2000
						XXX	UNK	Transfer	
						001	XX0055	Transfer	
000004	F	00 000 1990	WILD	WILD	UNK	00 000 1991	UNK	Transfer	
						XXX	UNK	Transfer	
						001	XX0056	Transfer	
000005	M	00 000 1995	UNK	UNK	UNK	00 000 1995	UNK	Hatch	
000006	F	00 000 1995	UNK	UNK	XXX	00 000 1995	UNK	Hatch	
						002	UNK	Transfer	
000007	?	21 Oct 1999	000005	000006	002	21 Oct 1999	UNK	Hatch	
						00 000 2000		Death	00 000 2000
000008	M	29 May 2000	000005	000006	002	29 May 2000	UNK	Hatch	
						XXX	UNK	Transfer	
000009	?	26 Jun 2000	000005	000006	002	26 Jun 2000	UNK	Hatch	
000010	?	21 Jun 2002	000005	000006	002	21 Jun 2002	UNK	Hatch	
						003	XX0071	Transfer	
000011	?	22 Jun 2002	000005	000006	002	00 000 2002		Death	00 000 2002
						000012	UNK	Hatch	
000013	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
						HONG KONG	UNK	Transfer	
						TSA/ESF	UNK	Transfer	
						003	XX0073	Loan to	
000014	?	00 000 2001	UNK	UNK	UNK	11 Feb 2003		Death	11 Feb 2003
						00 000 2002	UNK	Capture	
						HONG KONG	UNK	Transfer	
						TSA/ESF	UNK	Transfer	
000014	?	00 000 2001	UNK	UNK	003	17 Oct 2002	UNK	Transfer	
						17 Oct 2002	XX0074	Loan to	
000014	?	00 000 2001	UNK	UNK	003	21 Mar 2003		Death	21 Mar 2003

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date	
000015	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						003	17 Oct 2002	XX0075	Loan to	
					08 Nov 2002					
000016	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						003	17 Oct 2002	XX0076	Loan to	
					02 Jul 2003					
000017	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						004	17 Oct 2002	XX02020	Loan to	
					27 Oct 2002					
000018	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						004	17 Oct 2002	XX02021	Loan to	
					16 Nov 2002					
000019	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						004	17 Oct 2002	XX02018	Loan to	
					01 Jun 2003					
000020	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						004	17 Oct 2002	XX02019	Loan to	
					05 Aug 2003					
000021	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						005	17 Oct 2002	0001	Loan to	
					13 Jan 2003					

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000022	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					005	17 Oct 2002	UNK	Loan to	
						00 Mar 2003		Death	00 Mar 2003
000023	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					005	17 Oct 2002	UNK	Loan to	
000024	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					005	17 Oct 2002	UNK	Loan to	
000025	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					006	18 Oct 2002	UNK	Transfer	
						18 Oct 2002	704808	Loan to	
000026	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					006	18 Oct 2002	704809	Loan to	
					003	31 Aug 2003	XX0081	Loan to	
000027	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					006	18 Oct 2002	704810	Loan to	
						25 Oct 2002		Death	25 Oct 2002
000028	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					007	18 Oct 2002	UNK	Loan to	
000029	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					007	18 Oct 2002	UNK	Loan to	
						14 Mar 2003		Death	14 Mar 2003

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000030	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					007	18 Oct 2002	UNK	Loan to	
000031	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					007	18 Oct 2002	UNK	Loan to	
000032	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					008	19 Oct 2002	UNK	Loan to	
000033	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	23 Oct 2002
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					008	19 Oct 2002	UNK	Loan to	
000034	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					008	19 Oct 2002	UNK	Loan to	
000035	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					008	19 Oct 2002	UNK	Loan to	
000036	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					009	19 Oct 2002	UNK	Loan to	
000037	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture	26 Oct 2002
					HONG KONG	00 Aug 2002	UNK	Transfer	
					TSA/ESF	17 Oct 2002	UNK	Transfer	
					009	19 Oct 2002	UNK	Loan to	
					31 Jan 2003		Death	31 Jan 2003	

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date	
000038	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						009	19 Oct 2002	UNK	Loan to	
						11 Apr 2003				
000039	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						010	21 Oct 2002	UNK	Loan to	
						18 Dec 2002				
000040	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						010	21 Oct 2002	UNK	Loan to	
						20 Jan 2003				
000041	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						010	21 Oct 2002	UNK	Loan to	
						25 Mar 2003				
000042	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						010	21 Oct 2002	UNK	Loan to	
000043	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						011	18 Oct 2002	V1	Loan to	
						00 Mar 2003				
000044	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						011	18 Oct 2002	V2	Loan to	
						28 Feb 2003				

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date	
000045	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						011	18 Oct 2002	V3	Loan to	
							31 Dec 2002		Death	31 Dec 2002
000046	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						011	18 Oct 2002	V4	Loan to	
							26 Dec 2002		Death	26 Dec 2002
000047	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						012	19 Oct 2002	UNK	Loan to	
							09 Dec 2002		Death	09 Dec 2002
000048	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						012	19 Oct 2002	UNK	Loan to	
							26 Jan 2003		Death	26 Jan 2003
000049	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						012	19 Oct 2002	UNK	Loan to	
							00 000 2002	UNK	Capture	
000050	?	00 000 2001	WILD	WILD	UNK	00 000 2002	UNK	Capture		
						HONG KONG	00 Aug 2002	UNK	Transfer	
						TSA/ESF	17 Oct 2002	UNK	Transfer	
						012	19 Oct 2002	UNK	Loan to	
							00 000 1997		Death	00 000 1997
000051	?	17 Jul 1995	UNK	000003	001	17 Jul 1995	XX0345	Hatch		
					002	01 May 1996	UNK	Loan to		
						00 000 1997		Death	00 000 1997	
000052	?	20 Jul 1995	UNK	000003	001	20 Jul 1995	XX0346	Hatch		
					002	01 May 1996	UNK	Loan to		
						00 000 1997		Death	00 000 1997	
000053	?	31 Oct 1998	UNK	000003	001	31 Oct 1998	XX0602	Hatch		
						01 Nov 1998		Death	01 Nov 1998	

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000054	? 003	12 Jul 2002	000001	000003	001	12 Jul 2002	XX0828	Hatch	
						15 Jun 2003	XX0080	Transfer	
000055	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000056	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000057	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000058	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000059	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000060	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000061	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000062	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000063	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000064	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000065	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000066	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000067	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000068	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000069	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000070	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000071	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK
000072	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002	UNK	Transfer	
						02 Nov 2002	UNK		UNK

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000073	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000074	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000075	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000076	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000077	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000078	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000079	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000081	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000082	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000083	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000084	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000085	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000086	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000087	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000088	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000089	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000090	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000091	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	
000092	?	00 000 1997	WILD	WILD	UNK 013	00 000 2002 02 Nov 2002	UNK UNK	Transfer UNK	

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000093	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000094	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000095	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000096	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000097	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000098	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000099	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000100	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000101	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000102	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000103	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000104	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000105	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000106	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000107	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000108	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000109	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000110	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000111	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	

Stud #	Sex	Hatch Date	Sire	Dam	Location	Date	Local ID	Event	Death-Date
000112	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000113	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000114	?	00 000 1997	WILD	WILD	UNK	00 000 2002	UNK	Transfer	
					013	02 Nov 2002	UNK	UNK	
000115	M	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEM01	Transfer	
000116	M	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					O11	12 NOV 1997	GEM02	Transfer	
000117	M	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEM03	Transfer	
000118	F	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEF01	Transfer	
000119	F	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEF03	Transfer	
000120	F	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEF04	Transfer	
000121	F	00 000 0000	WILD	WILD	UNK	00 000 1996	UNK	Capture	
					UNK	00 000 1997	UNK	Transfer	
					011	12 NOV 1997	GEF05	Transfer	
000122	M	00 000 1998	UNK	UNK	UNK	00 000 1998	UNK	Hatch	
					010	00 000 1999	UNK	Transfer	
000123	U	00 000 2002	UNK	UNK	UNK	00 000 2002	UNK	Hatch	
					014	14 MAR 2003	001	Transfer	
000124	F	00 000 1998	UNK	UNK	XXX	00 000 1998	UNK	Hatch	
					014	20 MAR 2003	002	Transfer	
000125	F	00 000 2000	UNK	UNK	008	01 FEB 2000	UNK	Hatch	
					002	00 NOV 2003	D-ster	Transfer	
000126	F	00 000 0000	WILD	WILD	UNK	00 000 0000	UNK	Capture	
					XXX	00 000 0000	UNK	Transfer	
					003	17 DEC 2003	XX0088	Transfer	

TOTALS: 7.10.109 (126)

Compiled by: Peter Bulsing thru **EUROPEAN STUDBOOK FOUNDATION** / SPARKS v1.42

31