

Appendix I. Studbook (SB) number, demographics and sampling date range for the pygmy hippos (*Choeropsis liberiensis*) in this study.

SB No.	Sex	Age* (years)	Date of Birth	Zoo	Climate	Sample Date Range	ACTH Challenge	Notes
460	M	40	Unknown	Oklahoma	Temperate	18 Mar 2014 to 19 Mar 2015	–	Proven breeding male; wild-caught in 1977, age is an estimate
880	M	23	13-Jan-91	Omaha	Temperate	20 May 2014 to 20 May 2015	24-May-14	Proven breeding male
902	M	20.5	16-Sep-93	Louisville	Temperate	05 May 2014 to 04 May 2015	08-May-14	Proven breeding male
919	M	20	25-Jun-94	Baton Rouge	Temperate	02 June 2014 to 31 May 2015	–	
996	M	17	23-Mar-97	Giraffe Ranch	Subtropical	15 Apr 2014 to 23 Dec 2014	–	Proven breeding male
1053	M	14.5	02-Sep-99	Miami	Subtropical	05 Mar 2014 to 24 Mar 2015	–	Proven breeding male
1093	M	12.5	01-Dec-01	Chicago Lincoln Park	Temperate	19 May 2014 to 14 May 2015	–	
1135	M	10.5	16-Nov-03	Brownsville	Subtropical	28 May 2014 to 28 May 2015	–	Proven breeding male
1241	M	6	20-Mar-08	Lowry Tampa	Subtropical	28 Apr 2014 to 27 Apr 2015	–	Proven breeding male
1359	M	3	19-May-11	Rum Creek	Subtropical	14 Apr 2014 to 16 Apr 2015	10-Sep-15	
1422	M	1.5	22-Feb-13	Jackson	Temperate	08 Aug 2014 to 11 Aug 2015	–	Juvenile
1423	M	1.5	22-Feb-13	Omaha	Temperate	28 May 2014 to 27 Oct 2014	–	Juvenile; transferred to another zoo 30 Oct 2014 and sample collection was not continued

SB No.	Sex	Age* (years)	Date of Birth	Zoo	Climate	Sample Date Range	ACTH Challenge	Notes
438	F	38	16-Feb-76	Omaha	Temperate	21 May 2014 to 21 Apr 2015	–	Fig. 3 Sick 🧑
864	F	21.5	15-Jun-92	Miami	Subtropical	05 Mar 2014 to 23 Mar 2015	–	
931	F	19	22-Feb-95	Louisville	Temperate	05 May 2014 to 04 May 2015	08-May-14	Saline control for ACTH challenge
1063	F	14	01-Mar-00	Omaha	Temperate	20 May 2014 to 20 May 2015	24-May-14	Fig. 3 Stressed 🧑
1096	F	13	19-Mar-01	Rum Creek	Subtropical	14 Apr 2014 to 16 Apr 2015	–	
1147	F	10	17-Mar-04	Brownsville	Subtropical	28 May 2014 to 28 May 2015	04-Jun-14	
1169	F	9.5	12-Sep-04	Rum Creek	Subtropical	14 Apr 2014 to 16 Apr 2015	–	
1178	F	9	05-May-05	Rum Creek	Subtropical	14 Apr 2014 to 16 Apr 2015	–	
1208	F	7.5	25-Dec-06	Baton Rouge	Temperate	02 Jun 2014 to 23 May 2015	–	
1283	F	5.5	24-Jan-09	Jackson	Temperate	25 Jul 2014 to 06 Aug 2015	–	
1338	F	3.5	14-Nov-10	Miami	Subtropical	05 Mar 2014 to 31 Oct 2014	–	Transferred to another zoo 01 Nov 2014 and sample collection was not continued
1392	F	3.5	25-Mar-12	Rum Creek	Subtropical	07 Sept 2015 to 19 Sept 2015	10-Sep-15	

*Age at the beginning of the study period