**Table S4:** Overall composition of family groups

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Zoo and Country** | **Group** | **Subjects of the study** | **Subject no., place and date of birth as recorded in the European studbook (Birot et al. 2022)** | **Information about family groups (sex. No.) given in the European studbook (Birot et al. 2022)** |
| Jihlava(Czech Republic) | 1 | Male 1 | No. 36, in the wild, ~ 1988 | **Adults**Male, No. 36Female, No. 84**Offspring**Unpaired male, No. 173Unpaired male, No. 213Unpaired female, No. 226 |
| Male 2 | No. 173, Jihlava, 2 April 2011 |
| 2 | Male 3 | No. 142, Jihlava, 29 November 2007 | **Adult**Female, No. 20**Offspring (Adult male)**Unpaired male, No. 142\*Unpaired male, No. 158\* |
| Male 4 | No. 158, Jihlava, 14 October 2009 |
| Olomouc(Czech Republic) | 3 | Male 5 | No. 100, Jihlava, 22 February 2002 | **Adults**Male, No. 100Female, No. 110**Offspring**Unpaired female, No. 204 |
|  | 4 | Male 6 | No. 113, Jihlava, 14 November 2003 | **Adults**Male, No. 113Female, No. 54 |
| Chleby(Czech Republic) | 5 | Male 7 | No. 34, in the wild, ~ 1987 | **Adults**Male, No. 34Female, No. 35**Offspring**Unpaired male, No. 172 |
| Male 8 | No. 172, Chleby, 22 April 2009 |
| Bojnice(Slovak Republic) | 6 | Male 9 | No. 37, in the wild, ~ 1988 | **Adults**Male, No. 37Female, No. 80**Offspring**Unpaired male, No.148Unpaired male, No.184Unpaired female, No.199 |
| Male 10 | No. 148, Bojnice, 2 April 2008 |
| Male 11 | No. 184, Bojnice, 25 January 2013 |
| Košice(Slovak Republic) | 7 | Male 12 | No. 178, Olomouc, 15 April 2011 | **Adults male**Unpaired male, No.178\*Unpaired male, No.194\* |
| Bratislava(Slovak Republic) | 8 | Male 13 | No. 95, Bratislava, 24 May 2001 | **Adults**Paired male, No. 95Paired female, No. 133**Offspring**Unpaired female, No. 200Unpaired male, No. 220 |
| Ljubljana(Republic of Slovenia) | 9 | Male 14 | No. 31, in the wild, ~ 1987 | **Adults**Paired male, No. 31Paired female, No. 32**Offspring**Unpaired male, No. 174 |

\* Brothers