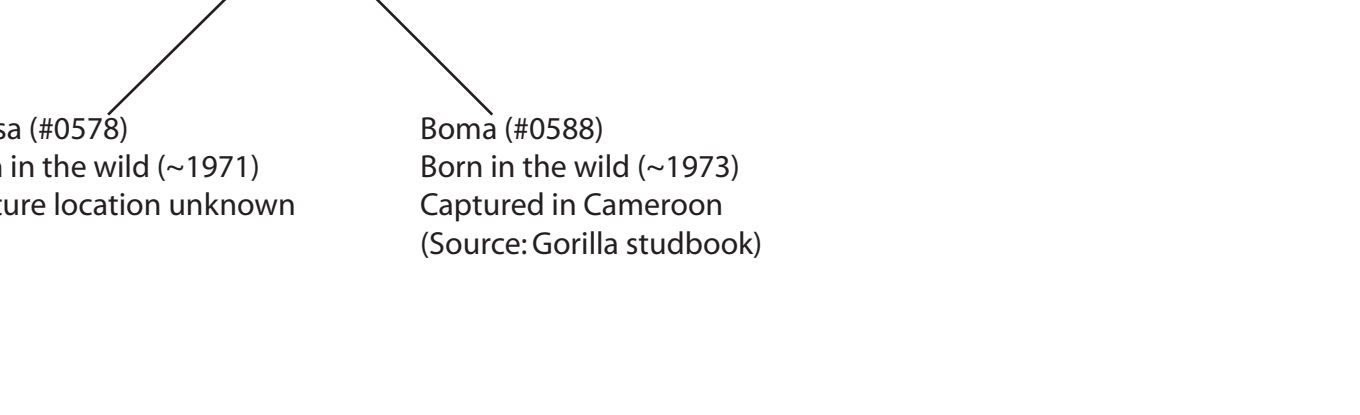
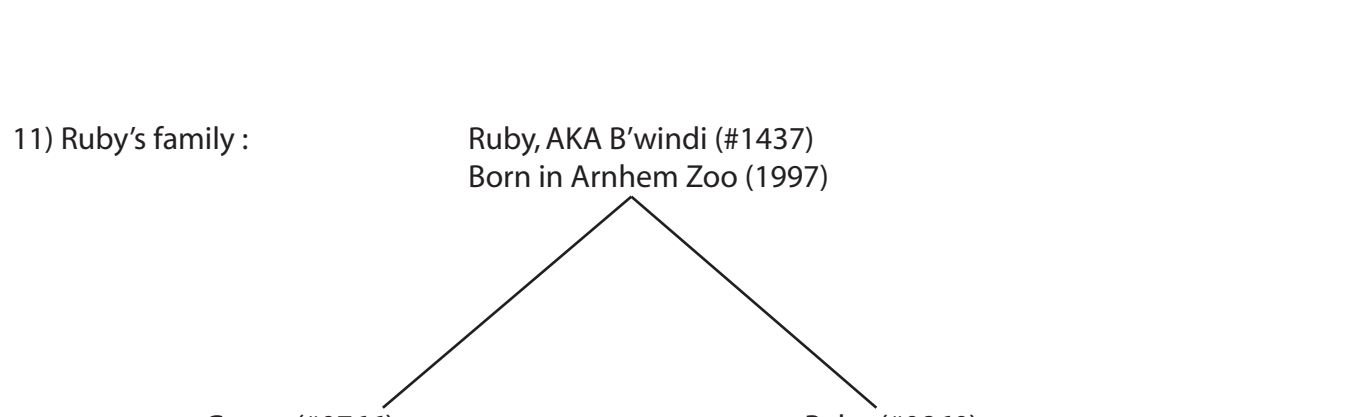
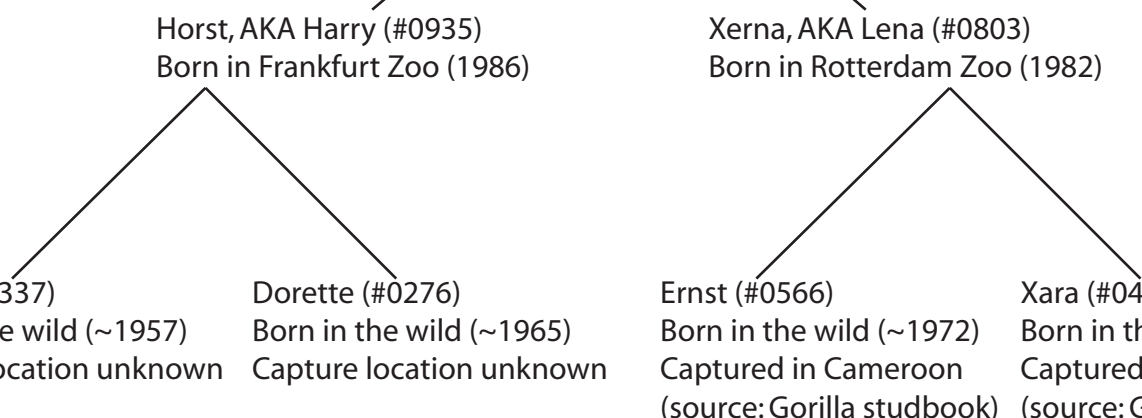
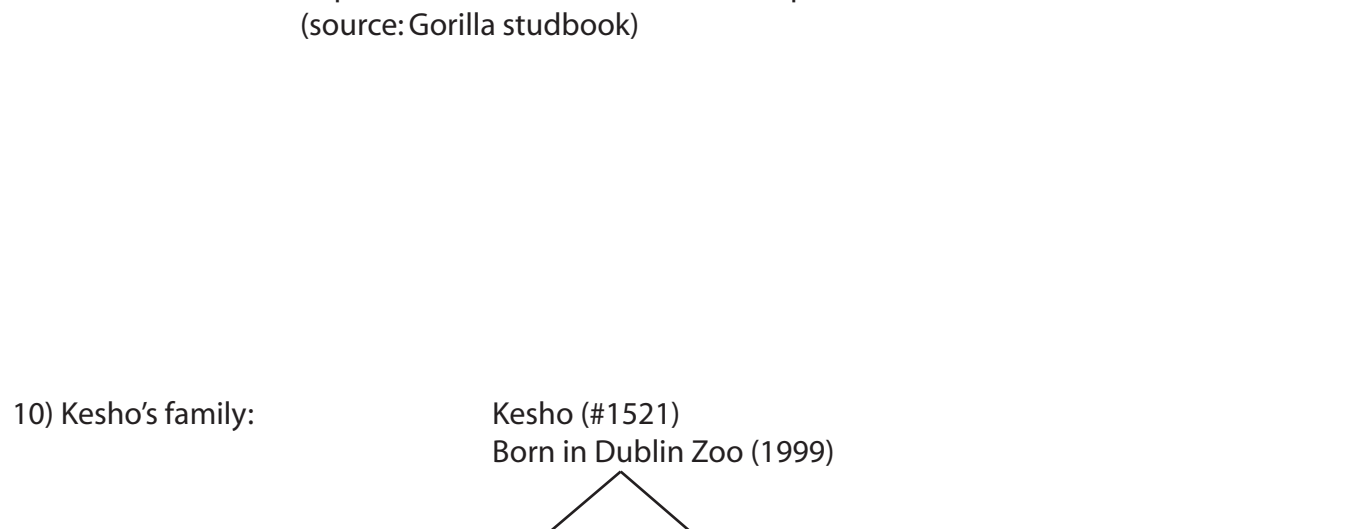
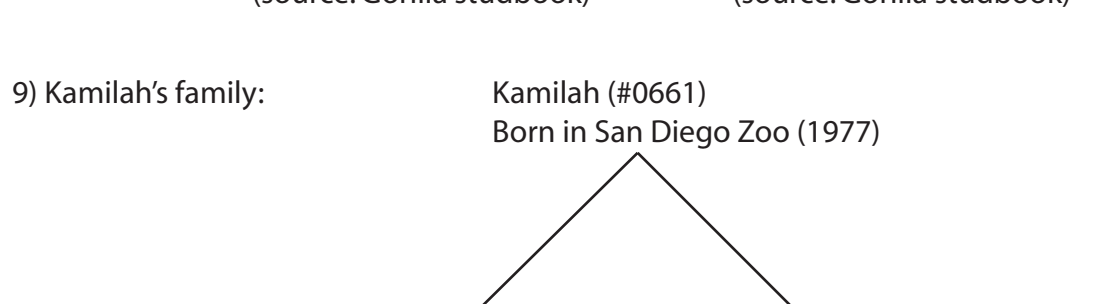
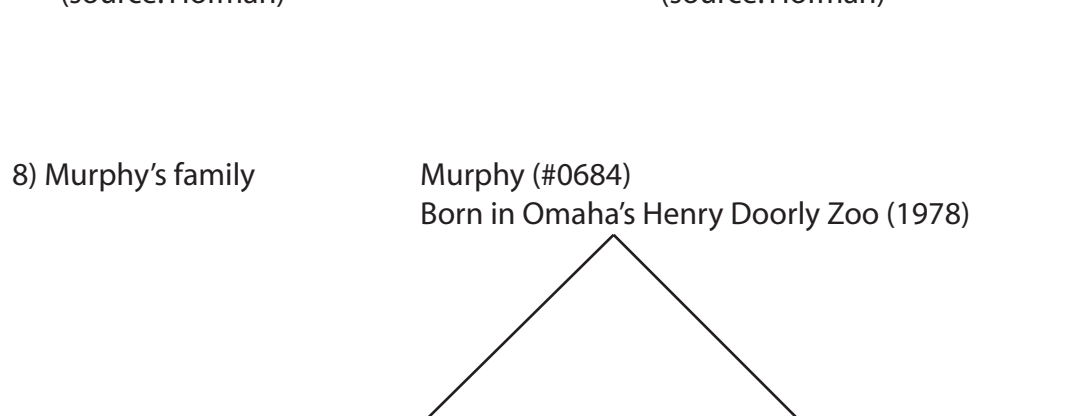
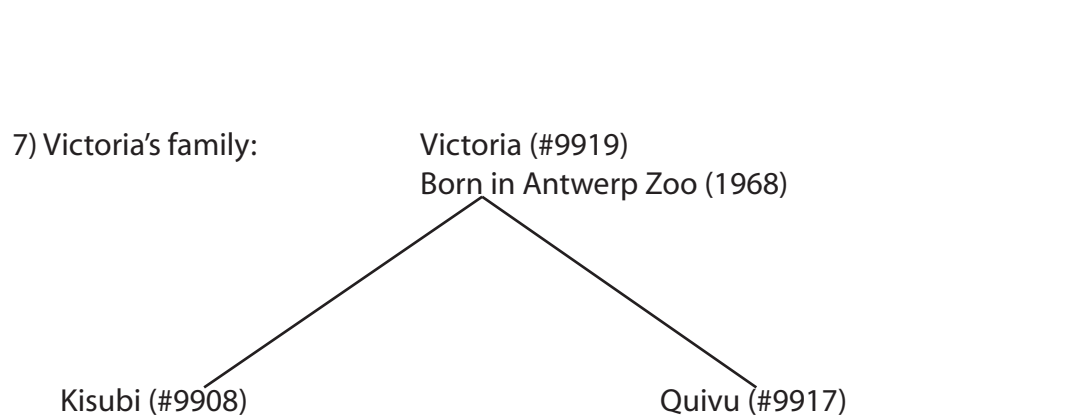
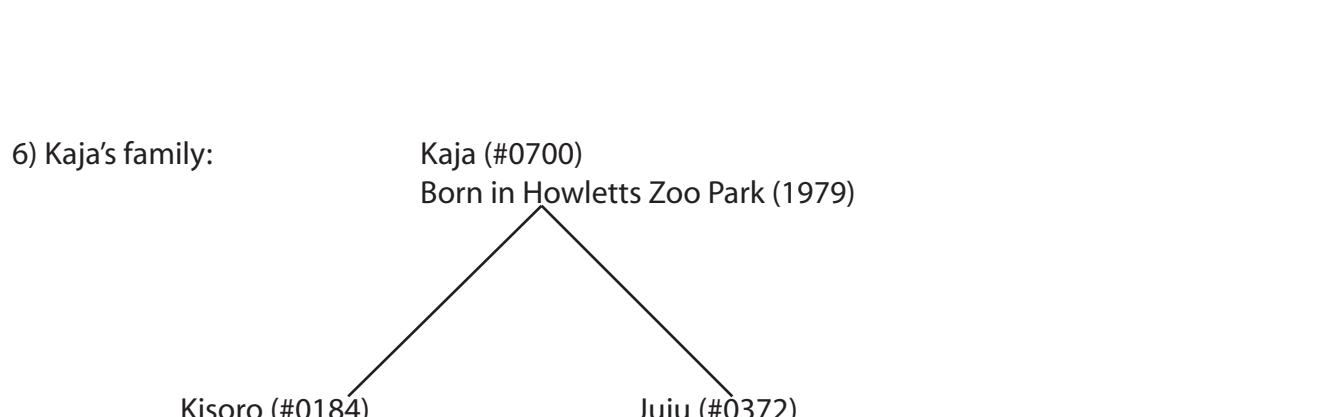
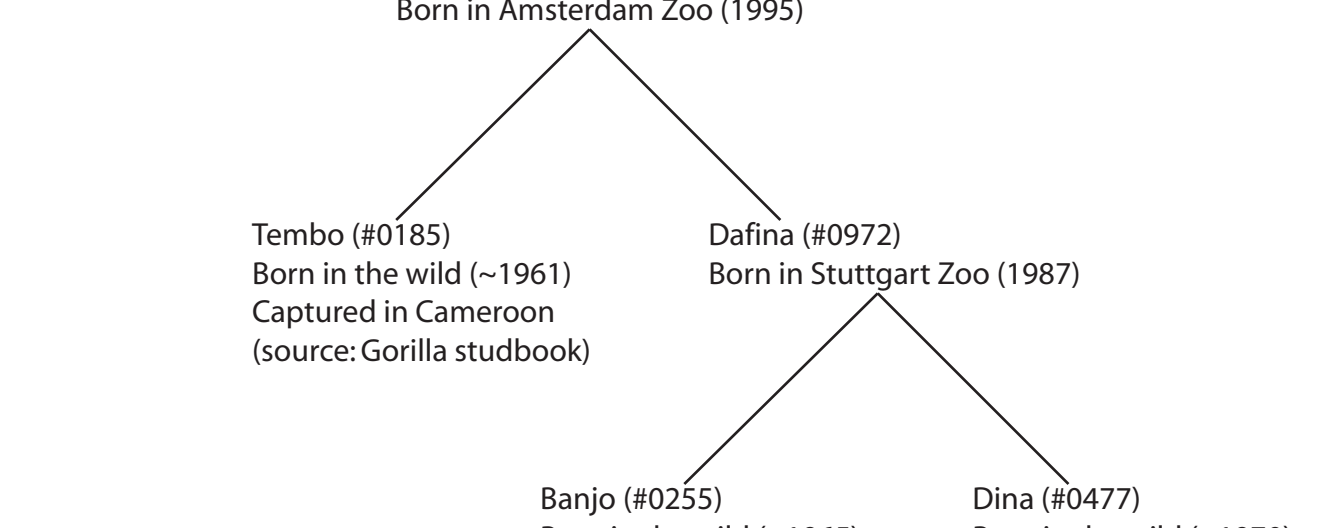
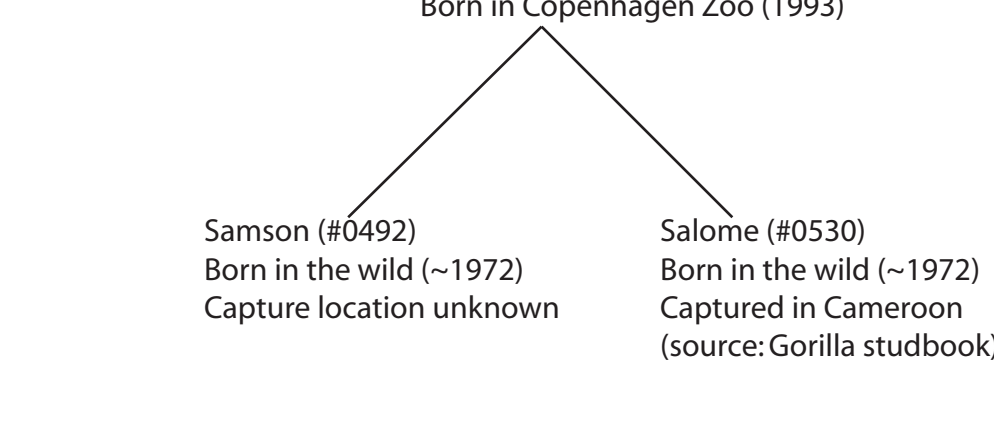


Supplementary information 1: Gorilla family trees. Information on the geographical origin of the sampled gorillas are based on the capture locations of the gorillas themselves or (in the case of captive-born individuals) the capture locations of their wild-born ancestors.

1) Snowflake, AKA Floquet (#0281)
Born in the wild (~1962)
Captured in Equatorial Guinea (source: Jonch, 1968)

2) Guy (#0005)
Born in the wild (~1946)
Captured in Cameroon (then French Cameroons) (source: Natural History Museum)

3) Mukisi (#9912)
Born in the wild (~1957)
Captured in the Walikale region, Democratic Republic of Congo (source: Jensen-Seaman & Kidd, 2001)



14) EB(JC): The sample from EB(JC) was purchased from the European Collection of Cell Cultures (ECACC), and we do not have any information on its origin.

Sources for capture locations:
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- Jonch, A. (1968). The white Lowland gorilla Gorilla g. gorilla at Barcelona Zoo. International Zoo Yearbook, 8(1): 196-197.
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- Natural History Museum website (07/12/2012)
<http://www.nhm.ac.uk/nature-online/collections-at-the-museum/museum-treasures/guy-the-gorilla/index.html>