

Supplement: The effect of dominance rank on female reproductive success in social mammals

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Supplementary data

Data Table. References for the effect sizes of dominance rank on female reproductive success, for the dominance system in a given population, and for the average relatedness among females in social groups in a given population.

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##
## Attaching package: 'dplyr'

## The following object is masked from 'package:kableExtra':
##
##   group_rows

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
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Identifier	Species	Reference effect size	Reference dominance system
1	Cervus_elaphus	(Clutton-Brock, Albon, and Guinness, 1984)	(HALL, 2010)
2	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
3	Macaca_arctoides	(Nieuwenhuijsen, Lammers, de Neef, et al., 1985)	(HOLEKAMP and SMALE, 1991)
4	Macaca_fuscata	(Gouzoules, Gouzoules, and Fedigan, 1982)	(Koyama et al. 2003)
5	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
6	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
7	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
8	Macaca_mulatta	(Drickamer, 1974)	(Deutsch and Lee, 1991)
9	Mandrillus_sphinx	(Setchell, Charpentier, and Wickings, 2005)	(Setchell et al. 2002)
10	Papio_cynocephalus	(, 2021)	(Packer, Collins, Sindimwo, and Goodall, 1995)

11	Papio cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
12	Rangifer tarandus	(Holand, Weladji, Gjonstein, et al., 2004)	(Holand, et al., 2004)
13	Callithrix jacchus	(Sousa, da Rocha Albuquerque, da Silva Albuquerque, et al., 2005)	(Digby, 1995)
14	Chlorocebus aethiops	(Fairbanks and McGuire, 1984)	(HOLEKAMP and SMALE, 1991)
15	Chlorocebus aethiops	(Fairbanks and McGuire, 1984)	(HOLEKAMP and SMALE, 1991)
16	Crocota crocuta	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
17	Crocota crocuta	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
18	Lemur catta	(Takahata, Koyama, Ichino, Miyamoto, Nakamichi, and Soma, 2007)	(Taylor and Sussman, 1985)
19	Macaca fuscata	(Gouzoules, Gouzoules, and Fedigan, 1982)	(Koyama et al. 2003)
20	Macaca fuscata	(Gouzoules, Gouzoules, and Fedigan, 1982)	(Koyama et al. 2003)
21	Macaca fuscata	(Wolfe, 1984)	(Koyama et al. 2003)
22	Macaca sylvanus	(Kümmerli and Martin, 2005)	(Paul and Kuester, 1987)
23	Macaca sylvanus	(Kümmerli and Martin, 2005)	(Paul and Kuester, 1987)
24	Mesocricetus auratus	(Huck, Lisk, and McKay, 1988)	(Huck, Lisk, and McKay, 1988)
25	Mesocricetus auratus	(Huck, Lisk, and McKay, 1988)	(Huck, Lisk, and McKay, 1988)
26	Mesocricetus auratus	(Huck, Lisk, and McKay, 1988)	(Huck, Lisk, and McKay, 1988)
27	Oreamnos americanus	(é and Festa-Bianchet, 2001)	(é, 2000)
28	Oryctolagus cuniculus	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)	(von Holst, Hutzelmeyer, Kaetzke, Khaschei, Rödel,
29	Oryctolagus cuniculus	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)
30	Papio cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
31	Semnopithecus entellus	(Borries, Sommer, and Srivastava, 1991)	(Borries, Sommer, and Srivastava, 1991)
32	Rangifer tarandus	(Holand, Weladji, Gjostein, et al., 2004)	(Holand, Gjonstein, Losvar, et al., 2004)
33	Sciurus vulgaris	(Wauters and Dhondt, 1989)	(Wauters and Dhondt, 1989)
34	Sciurus vulgaris	(Wauters and Dhondt, 1989)	(Wauters and Dhondt, 1989)
35	Theropithecus gelada	(DUNBAR and DUNBAR, 1977)	(Dunbar, 1980)
36	Papio ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
37	Papio ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
38	Papio ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
39	Cervus elaphus	(Clutton-Brock, Albon, and Guinness, 1984)	(HALL, 2010)
40	Crocota crocuta	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
41	Gorilla beringei	(Robbins, Robbins, Gerald-Steklis, et al., 2007)	(Robbins, Gerald-Steklis, Robbins, and Steklis, 2005)
42	Lemur catta	(Takahata, Koyama, Ichino, et al., 2007)	(Taylor and Sussman, 1985)
43	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
44	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
45	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
46	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
47	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
48	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
49	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
50	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
51	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
52	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
53	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
54	Macaca fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)

55	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
56	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
57	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
58	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
59	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
60	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
61	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
62	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
63	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
64	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
65	Macaca_mulatta	(Meikle and Vessey, 1988)	(Deutsch and Lee, 1991)
66	Oreamnos_americanus	(Cote and Festa-Bianchet, 2001)	(Fa, 2000)
67	Oreamnos_americanus	(Cote and Festa-Bianchet, 2001)	(Fa, 2000)
68	Oryctolagus_cuniculus	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)
69	Pan_troglodytes	(Pusey, 1997)	(Wittig et al. 2003)
70	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
71	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
72	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
73	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
74	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
75	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
76	Papio_cynocephalus	(Silk, 2003)	(Packer, Collins, Sindimwo, et al., 1995)
77	Papio_cynocephalus	(Silk, 2003)	(Packer, Collins, Sindimwo, et al., 1995)
78	Semnopithecus_entellus	(Borries, Sommer, and Srivastava, 1991)	(Borries, Sommer, and Srivastava, 1991)
79	Semnopithecus_entellus	(Borries, Sommer, and Srivastava, 1991)	(Borries, Sommer, and Srivastava, 1991)
80	Crocota_crocota	(Hofer and East, 2003)	(Hofer and East, 2003)
81	Papio_ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
82	Papio_ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
83	Papio_ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
84	Papio_ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
85	Macaca_fuscata	(Gouzoules, Gouzoules, and Fedigan, 1982)	(Koyama et al. 2003)
86	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
87	Mandrillus_sphinx	(Setchell et al. 2002)	(Setchell et al. 2002)
88	Papio_anubis	(Cheney et al. 2006)	(Johnson, 1987)
89	Papio_ursinus	NA	(HOLEKAMP and SMALE, 1991)
90	Papio_ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
91	Chlorocebus_aethiops	(Fairbanks and McGuire, 1984)	(HOLEKAMP and SMALE, 1991)
92	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
93	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
94	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
95	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
96	Crocota_crocota	(Holekamp, Smale, and Szykman, 1996)	(Hofer and East, 2003)
97	Gorilla_beringei	(Robbins, Robbins, Gerald-Steklis, et al., 2007)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
98	Macaca_arctoides	(Nieuwenhuisen, et al., 1985)	(HOLEKAMP and SMALE, 1991)

99	Mandrillus_sphinx	(Setchell et al. 2002)	(Setchell et al. 2002)
100	Mandrillus_sphinx	(Setchell et al. 2002)	(Setchell et al. 2002)
101	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
102	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
103	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
104	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
105	Papio_anubis	(Garcia, Lee, and Rosetta, 2006)	(Johnson, 1987)
106	Papio_anubis	(Garcia, Lee, and Rosetta, 2006)	(Johnson, 1987)
107	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
108	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, and Rhine, 2004)	(Packer, Collins, Sindimwo, et al., 1995)
109	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
110	Papio_anubis	(Barton and Whiten, 1993)	(Johnson, 1987)
111	Papio_ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
112	Papio_ursinus	(Bulger and Hamilton, 1987)	(HOLEKAMP and SMALE, 1991)
113	Gorilla_beringei	(Robbins, Robbins, Gerald-Steklis, et al., 2007)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
114	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
115	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
116	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
117	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
118	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
119	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
120	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
121	Macaca_fascicularis	(van Noordwijk and van Schaik, 1999)	(van Noordwijk and van Schaik, 1987)
122	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
123	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
124	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
125	Macaca_fuscata	(Takahata, Suzuki, Agetsuma, et al., 1998)	(Koyama et al. 2003)
126	Mandrillus_sphinx	(Setchell, Charpentier, and Wickings, 2005)	(Setchell et al. 2002)
127	Ovis_canadensis	(Festa-Bianchet, 1991)	(Festa-Bianchet, 1991)
128	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
129	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
130	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
131	Crocuta_crocuta	(Hofer and East, 2003)	(Hofer and East, 2003)
132	Macaca_fuscata	(Takahata, 1980)	(Koyama et al. 2003)
133	Oryctolagus_cuniculus	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)
134	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
135	Papio_anubis	(Packer, Collins, Sindimwo, et al., 1995)	(Johnson, 1987)
136	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
137	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
138	Papio_cynocephalus	(Wasser, Norton, Kleindorfer, et al., 2004)	(Packer, Collins, Sindimwo, et al., 1995)
139	Crocuta_crocuta	(Hofer and East, 2003)	(Hofer and East, 2003)
140	Papio_ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
141	Papio_ursinus	(Cheney et al. 2006)	(HOLEKAMP and SMALE, 1991)
142	Cervus_elaphus	(Clutton-Brock, Albon, and Guinness, 1984)	(HALL, 2010)

143	<i>Cervus elaphus</i>	(Clutton-Brock, Albon, and Guinness, 1984)	(HALL, 2010)
144	<i>Macaca mulatta</i>	(Wilson, Gordon, and Bernstein, 1978)	(Deutsch and Lee, 1991)
145	<i>Macaca mulatta</i>	(Wilson, Gordon, and Bernstein, 1978)	(Deutsch and Lee, 1991)
146	<i>Macaca sinica</i>	(Dittus, 1979)	(Dittus, 1986)
147	<i>Macaca sinica</i>	(Dittus, 1979)	(Dittus, 1986)
148	<i>Lycaon pictus</i>	(Creel, Creel, Mills, et al., 1997)	(Spiering, Somers, Maldonado, Wildt, and Gunther,
149	<i>Fukomys damarensis</i>	(BURLAND, BENNETT, JARVIS, et al., 2004)	(Gaylard, Harrison, and Bennett, 1998)
150	<i>Macaca fuscata</i>	(Fedigan, Fedigan, Gouzoules, et al., 1986)	(Koyama et al. 2003)
151	<i>Macaca fuscata</i>	(Fedigan, Fedigan, Gouzoules, et al., 1986)	(Koyama et al. 2003)
152	<i>Macaca fuscata</i>	(Fedigan, Fedigan, Gouzoules, et al., 1986)	(Koyama et al. 2003)
153	<i>Macaca fuscata</i>	(Fedigan, Fedigan, Gouzoules, et al., 1986)	(Koyama et al. 2003)
154	<i>Helogale parvula</i>	(Keane, Waser, Creel, et al., 1994)	(Creel, 2005)
155	<i>Helogale parvula</i>	(Keane, Waser, Creel, et al., 1994)	(Creel, 2005)
156	<i>Helogale parvula</i>	(Keane, Waser, Creel, et al., 1994)	(Creel, 2005)
157	<i>Marmota caligata</i>	(Wasser and Barash, 1983)	(Patil, Karels, and Hik, 2015)
158	<i>Marmota caligata</i>	(Wasser and Barash, 1983)	(Patil, Karels, and Hik, 2015)
159	<i>Marmota caligata</i>	(Wasser and Barash, 1983)	(Patil, Karels, and Hik, 2015)
160	<i>Marmota caligata</i>	(Wasser and Barash, 1983)	(Patil, Karels, and Hik, 2015)
161	<i>Macaca radiata</i>	(Silk, Clark-Wheatley, Rodman, et al., 1981)	(HOLEKAMP and SMALE, 1991)
162	<i>Macaca radiata</i>	(Silk, Clark-Wheatley, Rodman, et al., 1981)	(HOLEKAMP and SMALE, 1991)
163	<i>Macaca radiata</i>	(Silk, Clark-Wheatley, Rodman, et al., 1981)	(HOLEKAMP and SMALE, 1991)
164	<i>Marmota flaviventris</i>	(Huang, Wey, and Blumstein, 2011)	(Huang, Wey, and Blumstein, 2011)
165	<i>Marmota flaviventris</i>	(Huang, Wey, and Blumstein, 2011)	(Huang, Wey, and Blumstein, 2011)
166	<i>Marmota flaviventris</i>	(Huang, Wey, and Blumstein, 2011)	(Huang, Wey, and Blumstein, 2011)
167	<i>Marmota flaviventris</i>	(Huang, Wey, and Blumstein, 2011)	(Huang, Wey, and Blumstein, 2011)
168	<i>Alouatta palliata</i>	(Glander, 1980)	(Jones, 1980)
169	<i>Alouatta palliata</i>	(Glander, 1980)	(Jones, 1980)
170	<i>Equus quagga</i>	(Pluhacek, and Plausik, 2006)	(Lloyd and Rasa, 1994)
171	<i>Equus quagga</i>	(Pluhacek, and Plausik, 2006)	(Lloyd and Rasa, 1994)
172	<i>Equus zebra</i>	(Lloyd and Rasa, 1989)	(Lloyd and Rasa, 1994)
173	<i>Equus zebra</i>	(Lloyd and Rasa, 1989)	(Lloyd and Rasa, 1994)
174	<i>Equus zebra</i>	(Lloyd and Rasa, 1989)	(Lloyd and Rasa, 1994)
175	<i>Equus zebra</i>	(Lloyd and Rasa, 1989)	(Lloyd and Rasa, 1994)
176	<i>Equus zebra</i>	(Lloyd and Rasa, 1989)	(Lloyd and Rasa, 1994)
177	<i>Equus caballus</i>	(Rubenstein et al. 2009)	(Sinderbrand 2011)
178	<i>Equus caballus</i>	(Rubenstein et al. 2009)	(Sinderbrand 2011)
179	<i>Equus caballus</i>	(Rubenstein et al. 2009)	NA
180	<i>Mirounga angustirostris</i>	(Cheney et al. 1988)	(Christenson and Boeuf, 1978)
181	<i>Ovis canadensis</i>	(Hass, 1991)	(Festa-Bianchet, 1991)
182	<i>Ovis canadensis</i>	(Hass, 1991)	(Festa-Bianchet, 1991)
183	<i>Ovis canadensis</i>	(Hass, 1991)	(Festa-Bianchet, 1991)
184	<i>Hyaena brunnea</i>	(Owens and Owens, 1996)	(OWENS and OWENS, 1996)
185	<i>Hyaena brunnea</i>	(Owens and Owens, 1996)	(OWENS and OWENS, 1996)
186	<i>Mus musculus</i>	(Rusu and Krackow, 2004)	(Rusu and Krackow, 2004)

187	Mus_musculus	(Koenig, 1994)	(Rusu and Krackow, 2004)
188	Mus_musculus	(Koenig, 1994)	(Rusu and Krackow, 2004)
189	Mus_musculus	(Koenig, 1994)	(Rusu and Krackow, 2004)
190	Mus_musculus	(Koenig, 1994)	(Rusu and Krackow, 2004)
191	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
192	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
193	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
194	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
195	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
196	Rhabdomys_pumilio	(Kinahan and Pillay, 2007)	(Kinahan and Pillay, 2007)
197	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
198	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
199	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
200	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
201	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
202	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
203	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
204	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
205	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
206	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
207	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
208	Apodemus_sylvaticus	(Gerlach, 2002)	(Gerlach, 2002)
209	Rattus_norvegicus	(Schultz and Lore, 1993)	(Ziporyn and McClintock, 1991)
210	Marmota_marmota	(Hacklaender, Moestl, and Arnold, 2003)	(Lardy, and Cohas, 2013)
211	Heterocephalus_glaber	(Faulkes and Bennett, 2001)	(Clarke and Faulkes, 1997)
212	Fukomys_damarensis	(Faulkes and Bennett, 2001)	(Gaylard, Harrison, and Bennett, 1998)
213	Cryptomys_hottentotus	(Faulkes and Bennett, 2001)	(Gaylard, Harrison, and Bennett, 1998)
214	Suricata_suricata	(Griffin, 2003)	(Russell, Carlson, McIlrath, Jordan, and Clutton-Brock, 1999)
215	Leontopithecus_rosalia	(Henry, Hankerson, Siani, et al., 2013)	(Baker et al. 2002)
216	Leontopithecus_rosalia	(Henry, Hankerson, Siani, et al., 2013)	(Baker et al. 2002)
217	Leontopithecus_rosalia	(Henry, Hankerson, Siani, et al., 2013)	(Baker et al. 2002)
218	Leontopithecus_rosalia	(Dietz and Baker, 1993)	NA
219	Leontocebus_fuscicollis	(Goldizen, Mendelson, van Vlaardingen, et al., 1996)	(Goldizen, Mendelson, van Vlaardingen, and Terborg, 1996)
220	Saguinus_mystax	(Garber, et al., 1993)	(Smith 2000)
221	Cebus_capucinus	(Fedigan, Carnegie, and Jack, 2008)	(Fedigan and Bergstrom, 2010)
222	Cebus_capucinus	(Fedigan, Carnegie, and Jack, 2008)	(Fedigan and Bergstrom, 2010)
223	Cercopithecus_mitis	(Cords, 2002)	(Klass and Cords, 2015)
224	Chlorocebus_aethiops	NA	(HOLEKAMP and SMALE, 1991)
225	Chlorocebus_aethiops	(Cheney et al. 1988)	(HOLEKAMP and SMALE, 1991)
226	Chlorocebus_aethiops	(Cheney et al. 1988)	(HOLEKAMP and SMALE, 1991)
227	Chlorocebus_aethiops	(Whitten et al. 1983)	(HOLEKAMP and SMALE, 1991)
228	Chlorocebus_aethiops	(Whitten et al. 1983)	(HOLEKAMP and SMALE, 1991)
229	Chlorocebus_aethiops	(Whitten et al. 1983)	(HOLEKAMP and SMALE, 1991)
230	Chlorocebus_aethiops	(Whitten et al. 1983)	(HOLEKAMP and SMALE, 1991)

231	Pan_troglodytes	(Jones, Wilson, Murray, et al., 2010)	(Wittig et al. 2003)
232	Papio_anubis	(Smuts and Nicolson, 1989)	(Johnson, 1987)
233	Papio_anubis	(Smuts and Nicolson, 1989)	(Johnson, 1987)
234	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, Fujii, Kurokawa, Koyama, Ando, Watanabe, and Imakawa, 1992)	(Koyama et al. 2003)
235	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, et al., 1992)	(Koyama et al. 2003)
236	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, et al., 1992)	(Koyama et al. 2003)
237	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, et al., 1992)	(Koyama et al. 2003)
238	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, et al., 1992)	(Koyama et al. 2003)
239	Macaca_fuscata	(Itoigawa, Tanaka, Ukai, et al., 1992)	(Koyama et al. 2003)
240	Ovis_canadensis	(Eccles and Shackleton, 1986)	(Festa-Bianchet, 1991)
241	Ovis_canadensis	(Eccles and Shackleton, 1986)	(Festa-Bianchet, 1991)
242	Ammotragus_lervia	(Cassinello and Alados, 1996)	(Cassinello, 1995)
243	Ammotragus_lervia	(Cassinello and Alados, 1996)	(Cassinello, 1995)
244	Ammotragus_lervia	(Cassinello and Alados, 1996)	(Cassinello, 1995)
245	Ammotragus_lervia	(Cassinello and Alados, 1996)	(Cassinello, 1995)
246	Antilocapra_americana	(Clancey and Byers, 2015)	(Dennehy, 2001)
247	Antilocapra_americana	(Clancey and Byers, 2015)	(Dennehy, 2001)
248	Antilocapra_americana	(Clancey and Byers, 2015)	(Dennehy, 2001)
249	Nanger_dama	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
250	Gazella_cuvieri	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
251	Gazella_cuvieri	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
252	Gazella_cuvieri	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
253	Gazella_cuvieri	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
254	Nanger_dama	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
255	Nanger_dama	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
256	Nanger_dama	(Alados and Escez, 1992)	(Alados and Escvez, 2021)
257	Capra_nubiana	(Shargal, Shore, Roteri, et al., 2008)	(Greenberg-Cohen, Alkon, and Yom-Tov, 2010)
258	Ozotoceros_bezoarticus	(Morales-Picerva, Ciappesoni, and Ungerfeld, 2014)	(Morales-Pisterva, Ciappesoni, and Ungerfeld, 2014)
259	Ozotoceros_bezoarticus	(Morales-Picerva, Ciappesoni, and Ungerfeld, 2014)	(Morales-Pisterva, Ciappesoni, and Ungerfeld, 2014)
260	Mus_musculus	(Drickamer, 1985)	(Rusu and Krackow, 2004)
261	Mus_musculus	(Drickamer, 1985)	(Rusu and Krackow, 2004)
262	Mus_musculus	(Drickamer, 1985)	(Rusu and Krackow, 2004)
263	Helogale_parvula	(Rood, 1980)	(Creel, 2005)
264	Macaca_mulatta	(Gomendio, 1990)	(Deutsch and Lee, 1991)
265	Macaca_mulatta	(Gomendio, 1990)	(Deutsch and Lee, 1991)
266	Cervus_elaphus	(Gomendio, Clutton-Brock, Albon, et al., 1990)	(HALL, 2010)
267	Cervus_elaphus	(Gomendio, Clutton-Brock, Albon, et al., 1990)	(HALL, 2010)
268	Macaca_mulatta	(Gomendio, Clutton-Brock, Albon, et al., 1990)	(Deutsch and Lee, 1991)
269	Crocota_crocota	(Frank et al. 1995)	(Hofer and East, 2003)
270	Crocota_crocota	(Frank et al. 1995)	(Hofer and East, 2003)
271	Crocota_crocota	(Frank et al. 1995)	(Hofer and East, 2003)
272	Crocota_crocota	(Frank et al. 1995)	(Hofer and East, 2003)
273	Crocota_crocota	(Frank et al. 1995)	(Hofer and East, 2003)
274	Ateles_paniscus	(Symington, 1987)	(van Roosmalen 1980)

275	<i>Crocota_crocota</i>	(White, 2005)	(Hofer and East, 2003)
276	<i>Crocota_crocota</i>	(White, 2005)	(Hofer and East, 2003)
277	<i>Crocota_crocota</i>	(White, 2005)	(Hofer and East, 2003)
278	<i>Petrogale_concinna</i>	(Nelson and Goldstone, 1986)	(Nelson and Goldstone, 1986)
279	<i>Macaca_assamensis</i>	(Heesen, Rogahn, Ostner, et al., 2013)	(Fuertbauerr 2011)
280	<i>Papio_ursinus</i>	(Busse 1982)	(HOLEKAMP and SMALE, 1991)
281	<i>Macaca_fuscata</i>	(Wolfe, 1984)	(Koyama et al. 2003)
282	<i>Macaca_fuscata</i>	(Wolfe, 1984)	(Koyama et al. 2003)
283	<i>Macaca_fuscata</i>	(Wolfe, 1984)	(Koyama et al. 2003)
284	<i>Theropithecus_gelada</i>	(le Roux, Beehner, and Bergman, 2010)	(Dunbar, 1980)
285	<i>Theropithecus_gelada</i>	(le Roux, Beehner, and Bergman, 2010)	(Dunbar, 1980)
286	<i>Marmota_marmota</i>	(King and Cote, 2002)	(Lardy, and Cohas, 2013)
287	<i>Marmota_marmota</i>	(King and Cote, 2002)	(Lardy, and Cohas, 2013)
288	<i>Papio_cynocephalus</i>	(Beehner, Onderdonk, Alberts, et al., 2006)	(Packer, Collins, Sindimwo, et al., 1995)
289	<i>Papio_cynocephalus</i>	(Beehner, Onderdonk, Alberts, et al., 2006)	(Packer, Collins, Sindimwo, et al., 1995)
290	<i>Papio_cynocephalus</i>	NA	(Packer, Collins, Sindimwo, et al., 1995)
291	<i>Papio_cynocephalus</i>	(Altmann & Alberts 2003)	(Packer, Collins, Sindimwo, et al., 1995)
292	<i>Papio_ursinus</i>	(Baniel et al. 2021)	(HOLEKAMP and SMALE, 1991)
293	<i>Vulpes_vulpes</i>	(BAKER, ROBERTSON, FUNK, et al., 1998)	(BAKER, ROBERTSON, FUNK, and HARRIS, 1999)
294	<i>Semnopithecus_entellus</i>	(Dolhinow, McKenna, and Laws, 1979)	(Borries, Sommer, and Srivastava, 1991)
295	<i>Sapajus_apella</i>	(DiBitetti et al. 2001)	(Welker, et al., 1990)
296	<i>Miopithecus_talapoin</i>	(Abbott, 1987)	(Abbott, 1987)
297	<i>Mungos_mungo</i>	(Nichols, Bell, Hodge, and Cant, 2012)	(de Luca and Ginsberg, 2001)
298	<i>Mungos_mungo</i>	(Nichols, Bell, Hodge, et al., 2012)	(de Luca and Ginsberg, 2001)
299	<i>Mungos_mungo</i>	(Nichols, Bell, Hodge, et al., 2012)	(de Luca and Ginsberg, 2001)
300	<i>Mungos_mungo</i>	(Nichols, Amos, Cant, Bell, and Hodge, 2010)	(de Luca and Ginsberg, 2001)
301	<i>Mungos_mungo</i>	(de Luca and Ginsberg, 2001)	(de Luca and Ginsberg, 2001)
302	<i>Canis_simensis</i>	(Randall, Pollinger, Wayne, et al., 2007)	(HOLEKAMP and SMALE, 1991)
303	<i>Procavia_capensis</i>	(Koren and Geffen, 2009)	(Visser, Robinson, and van Vuuren, 2020)
304	<i>Bison_bison</i>	(Vervaecke, Roden, and de Vries, 2005)	(Vervaecke, Roden, and de Vries, 2005)
305	<i>Bison_bison</i>	(Vervaecke, Roden, and de Vries, 2005)	(Vervaecke, Roden, and de Vries, 2005)
306	<i>Capra_pyrenaica</i>	(Santiago-Moreno, Gomez-Brunet, Toledano-Diaz, Pulido-Pastor, and Lopez-Sebastian, 2007)	(Santiago et al. 2013)
307	<i>Sus_scrofa</i>	(Meikle, Drickamer, Vessey, et al., 2010)	(Gaillard et al. 1993)
308	<i>Papio_cynocephalus</i>	(Altmann et al. 1988)	(Packer, Collins, Sindimwo, et al., 1995)
309	<i>Macaca_sylvanus</i>	(Paul & Kuester 1996)	(Paul and Kuester, 1987)
310	<i>Macaca_sylvanus</i>	(Paul & Kuester 1996)	(Paul and Kuester, 1987)
311	<i>Macaca_sylvanus</i>	NA	(Paul and Kuester, 1987)
312	<i>Papio_ursinus</i>	(Baniel et al. 2021)	(HOLEKAMP and SMALE, 1991)
313	<i>Papio_ursinus</i>	(Baniel et al. 2021)	(HOLEKAMP and SMALE, 1991)
314	<i>Papio_ursinus</i>	(McFarland, Murphy, Lusseau, Henzi, Parker, Pollet, and Barrett, 2017)	(HOLEKAMP and SMALE, 1991)
315	<i>Papio_ursinus</i>	(McFarland, Murphy, Lusseau, et al., 2017)	(HOLEKAMP and SMALE, 1991)
316	<i>Papio_cynocephalus</i>	(Gesquiere, Altmann, Archie, and Alberts, 2018)	(Packer, Collins, Sindimwo, et al., 1995)
317	<i>Lama_guanicoe</i>	(Correa, Zapata, Samaniego, et al., 2013)	(Correa, Zapata, Samaniego, and Soto-Gamboa, 2013)
318	<i>Bos_taurus</i>	(Hohenbrink and Meinecke-Tillmann, 2012)	(Spinka et al., 2013)

319	Capra_hircus	(Barroso, Alados, and Boza, 2000)	(Barroso, Alados, and Boza, 2000)
320	Sus_scrofa	(Mendl, Zanella, Broom, and Whittemore, 1995)	(Cappa, Lombardini, and Meriggi, 2021)
321	Bison_bison	(Green and Rothstein, 1991)	(Vervaecke, Roden, and de Vries, 2005)
322	Bison_bison	(Green and Rothstein, 1991)	(Vervaecke, Roden, and de Vries, 2005)
323	Antilocapra_americana	(Byers 1997)	(Dennehy, 2001)
324	Antilocapra_americana	(Byers 1997)	(Dennehy, 2001)
325	Antilocapra_americana	(Byers 1997)	(Dennehy, 2001)
326	Antilocapra_americana	(Byers 1997)	(Dennehy, 2001)
327	Suricata_suricatta	(MacLeod and Clutton-Brock, 2013)	(Russell, Carlson, McIlrath, et al., 2004)
328	Suricata_suricatta	(MacLeod and Clutton-Brock, 2013)	(Russell, Carlson, McIlrath, et al., 2004)
329	Mesocricetus_auratus	(Pratt and Lisk, 1989)	(Huck, Lisk, and McKay, 1988)
330	Mesocricetus_auratus	(Pratt and Lisk, 1989)	(Huck, Lisk, and McKay, 1988)
331	Gorilla_beringei	(Robbins, Stoinski, Fawcett, and Robbins, 2011)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
332	Gorilla_beringei	(Robbins, Stoinski, Fawcett, et al., 2011)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
333	Gorilla_beringei	(Robbins, Stoinski, Fawcett, et al., 2011)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
334	Papio_anubis	(Smuts and Nicolson, 1989)	(Johnson, 1987)
335	Papio_anubis	(Smuts and Nicolson, 1989)	(Johnson, 1987)
336	Papio_anubis	(Smuts and Nicolson, 1989)	(Johnson, 1987)
337	Macaca_mulatta	(Small and Hrdy, 1986)	(Deutsch and Lee, 1991)
338	Cercopithecus_mitis	(Roberts and Cords, 2013)	(Klass and Cords, 2015)
339	Suricata_suricatta	(Macdonald and Doolan, 1997)	(Russell, Carlson, McIlrath, et al., 2004)
340	Microtus_arvalis	(Dobly, 2008)	(Dobly, 2008)
341	Microtus_ochrogaster	(Wolff, Dunlap, and Ritchhart, 2001)	(Wolff, Dunlap, and Ritchhart, 2001)
342	Microtus_pinetorum	(Wolff, Dunlap, and Ritchhart, 2001)	(Wolff, Dunlap, and Ritchhart, 2001)
343	Macaca_mulatta	(Meikle, Tilford, and Vessey, 1984)	(Deutsch and Lee, 1991)
344	Macaca_sylvanus	(Paul and Thommen, 1984)	(Paul and Kuester, 1987)
345	Macaca_sylvanus	(Paul and Thommen, 1984)	(Paul and Kuester, 1987)
346	Macaca_sylvanus	(Paul and Thommen, 1984)	(Paul and Kuester, 1987)
347	Equus_quagga	(Schilder and Boer, 1987)	(Lloyd and Rasa, 1994)
348	Equus_quagga	(Schilder and Boer, 1987)	(Lloyd and Rasa, 1994)
349	Macaca_mulatta	(Berman, 1988)	(Deutsch and Lee, 1991)
350	Macaca_arctoides	(Rhine, 1994)	(HOLEKAMP and SMALE, 1991)
351	Papio_cynocephalus	(Rhine, Norton, Rogers, and Wasser, 1992)	(Packer, Collins, Sindimwo, et al., 1995)
352	Canis_latrans	(Gese 2004)	(Gese 2004)
353	Canis_latrans	(Gese 2004)	(Gese 2004)
354	Macaca_mulatta	(Brent, Ruiz-Lambides, and Platt, 2017)	(Deutsch and Lee, 1991)
355	Suricata_suricatta	(Cram, Monaghan, Gillespie, Dantzer, Duncan, Spence-Jones, and Clutton-Brock, 2018)	(Russell, Carlson, McIlrath, et al., 2004)
356	Fukomys_mechowi	(Dammann, Tumbera, Massmann, et al., 2011)	(Wallace and Bennett, 1998)
357	Papio_ursinus	(Silk, Beehner, Bergman, Crockford, Engh, Moscovice, Wittig, Seyfarth, and Cheney, 2010)	(HOLEKAMP and SMALE, 1991)
358	Papio_cynocephalus	(Archie, Tung, Clark, Altmann, and Alberts, 2014)	(Packer, Collins, Sindimwo, et al., 1995)
359	Crocata_crocata	(Watts, Tanner, Lundrigan, and Holekamp, 2009)	(Hofer and East, 2003)
360	Crocata_crocata	(Strauss and Holekamp, 2019)	(Hofer and East, 2003)
361	Propithecus_verreauxi	(Kubzdela 1998)	(Kubzdela 1998)
362	Propithecus_verreauxi	(Kubzdela 1998)	(Kubzdela 1998)

363	Propithecus verreauxi	(Kubzdela 1998)	(Kubzdela 1998)
364	Macaca mulatta	(Blomquist, Sade, and Berard, 2010)	(Deutsch and Lee, 1991)
365	Macaca mulatta	(Blomquist, Sade, and Berard, 2010)	(Deutsch and Lee, 1991)
366	Macaca mulatta	(Blomquist, Sade, and Berard, 2010)	(Deutsch and Lee, 1991)
367	Papio ursinus	(Ron, Henzi, and Motro, 1996)	(HOLEKAMP and SMALE, 1991)
368	Papio ursinus	(Ron, Henzi, and Motro, 1996)	(HOLEKAMP and SMALE, 1991)
369	Papio ursinus	(Ron, Henzi, and Motro, 1996)	(HOLEKAMP and SMALE, 1991)
370	Macaca mulatta	(Simpson and Simpson, 1982)	(Deutsch and Lee, 1991)
371	Macaca fuscata	(Koyama, Takahata, Huffman, Norikoshi, and Suzuki, 1992)	(Koyama et al. 2003)
372	Macaca fuscata	(Koyama, Takahata, Huffman, et al., 1992)	(Borries, Sommer, and Srivastava, 1991)
373	Macaca mulatta	(Maestripieri, 2001)	(Deutsch and Lee, 1991)
374	Macaca mulatta	(Maestripieri, 2001)	(Deutsch and Lee, 1991)
375	Semnopithecus schistaceus	(VRIES, KOENIG, and BORRIES, 2016)	(VRIES, KOENIG, and BORRIES, 2016)
376	Semnopithecus schistaceus	(VRIES, KOENIG, and BORRIES, 2016)	(VRIES, KOENIG, and BORRIES, 2016)
377	Semnopithecus schistaceus	(VRIES, KOENIG, and BORRIES, 2016)	(VRIES, KOENIG, and BORRIES, 2016)
378	Mungos mungo	(Sanderson, Nichols, Marshall, Vitikainen, Thompson, Walker, Cant, and Young, 2015)	(de Luca and Ginsberg, 2001)
379	Mungos mungo	(Sanderson, Nichols, Marshall, et al., 2015)	(de Luca and Ginsberg, 2001)
380	Mesocricetus auratus	(Chelini, Palme, and Otta, 2011)	(Huck, Lisk, and McKay, 1988)
381	Mesocricetus auratus	(Chelini, Palme, and Otta, 2011)	(Huck, Lisk, and McKay, 1988)
382	Mesocricetus auratus	(Chelini, Palme, and Otta, 2011)	(Huck, Lisk, and McKay, 1988)
383	Macaca mulatta	(Liu, Wu, Garber, Zhang, and Li, 2018)	(Deutsch and Lee, 1991)
384	Macaca mulatta	(Liu, Wu, Garber, et al., 2018)	(Deutsch and Lee, 1991)
385	Macaca mulatta	(Liu, Wu, Garber, et al., 2018)	(Deutsch and Lee, 1991)
386	Macaca mulatta	(Liu, Wu, Garber, et al., 2018)	(Deutsch and Lee, 1991)
387	Ceratotherium simum	(Metrione and Harder, 2011)	(Metrione, Penfold, and Waring, 2007)
388	Cebus capucinus	(Kalbitzer, Bergstrom, Carnegie, Wikberg, Kawamura, Campos, Jack, and Fedigan, 2017)	(Fedigan and Bergstrom, 2010)
389	Canis lupus	(Cafazzo, Bonanni, Valsecchi, and Natoli, 2014)	(Cafazzo, Valsecchi, Bonanni, and Natoli, 2010)
390	Macaca nigra	(Kerhoas, Perwitasari-Farajallah, Agil, Widdig, and Engelhardt, 2014)	(Duboscq, Neumann, Agil, Perwitasari-Farajallah, T
391	Equus caballus	(Cameron, Setsaas, and Linklater, 2009)	(Sinderbrand 2011)
392	Equus caballus	(Cameron, Setsaas, and Linklater, 2009)	(Sinderbrand 2011)
393	Odocoileus virginianus	(Michel, Demarais, Strickland, and Belant, 2015)	(Townsend and Bailey, 1981)
394	Papio cynocephalus	(Archie, Tung, Clark, et al., 2014)	(Packer, Collins, Sindimwo, et al., 1995)
395	Macaca mulatta	(Ellis, Snyder-Mackler, Ruiz-Lambides, Platt, and Brent, 2019)	(Deutsch and Lee, 1991)
396	Cervus elaphus	(Ceacero, et al., 2018)	(HALL, 2010)
397	Cervus elaphus	(Ceacero, et al., 2018)	(HALL, 2010)
398	Cervus elaphus	(Ceacero, et al., 2018)	(HALL, 2010)
399	Cervus elaphus	(Ceacero, et al., 2018)	(HALL, 2010)
400	Bos taurus	(Spinka, and Ceacero, 2017)	(Spinka, et al., 2013)
401	Bos taurus	(Spinka, and Ceacero, 2017)	(Spinka, et al., 2013)
402	Bos taurus	(Spinka, and Ceacero, 2017)	(Spinka, et al., 2013)
403	Bos taurus	(Spinka, and Ceacero, 2017)	(Spinka, et al., 2013)
404	Bos taurus	(Spinka, and Ceacero, 2017)	(Spinka, et al., 2013)
405	Oryctolagus cuniculus	(Mykytowycz, 1959)	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)
406	Oryctolagus cuniculus	(Mykytowycz, 1959)	(von Holst, Hutzelmeyer, Kaetzke, et al., 2002)

407	Heterocephalus_glaber	(Jarvis, 1981)	(Clarke and Faulkes, 1997)
408	Canis_rufus	(Zimen, 2010)	(Sparkman, Adams, Steury, Waits, and Murray, 2010)
409	Canis_rufus	(Zimen, 2010)	(Sparkman, Adams, Steury, et al., 2010)
410	Lycaon_pictus	(Malcolm and Marten, 1982)	(Spiering, Somers, Maldonado, et al., 2009)
411	Lycaon_pictus	(Malcolm and Marten, 1982)	(Spiering, Somers, Maldonado, et al., 2009)
412	Macaca_mulatta	(Anderson and Simpson, 1979)	(Deutsch and Lee, 1991)
413	Macaca_fuscata	(Sugiyama and Ohsawa, 1982)	(Koyama et al. 2003)
414	Macaca_fuscata	(Sugiyama and Ohsawa, 1982)	(Koyama et al. 2003)
415	Macaca_fuscata	(Sugiyama and Ohsawa, 1982)	(Koyama et al. 2003)
416	Macaca_fuscata	(Sugiyama and Ohsawa, 1982)	(Koyama et al. 2003)
417	Macaca_mulatta	(Stucki, Dow, and Sade, 1991)	(Deutsch and Lee, 1991)
418	Macaca_mulatta	(Bercovitch and Berard, 1993)	(Deutsch and Lee, 1991)
419	Theropithecus_gelada	(Dunbar, 1980)	(Dunbar, 1980)
420	Theropithecus_gelada	(Dunbar, 1980)	(Dunbar, 1980)
421	Theropithecus_gelada	(Dunbar, 1980)	(Dunbar, 1980)
422	Theropithecus_gelada	(Dunbar, 1980)	(Dunbar, 1980)
423	Theropithecus_gelada	(Dunbar, 1980)	(Dunbar, 1980)
424	Theropithecus_gelada	(Dunbar, 1985)	(Dunbar, 1980)
425	Callithrix_jacchus	(Rothe, 2010)	(Digby, 1995)
426	Callithrix_jacchus	(Arruda, Araso, Sousa, Albuquerque, Albuquerque, and Yamamoto, 2005)	(Digby, 1995)
427	Callithrix_jacchus	(Arruda, Araso, Sousa, Albuquerque, Albuquerque, and Yamamoto, 2005)	(Digby, 1995)
428	Callithrix_jacchus	(Abbott, McNeilly, Lunn, et al., 1981)	(Digby, 1995)
429	Erythrocebus_patas	(Loy, 1981)	(Isbell & Pruettz 1988)
430	Saimiri_sciureus	(Coe, Chen, Lowe, Davidson, and Levine, 1981)	(Mitchell, Boinski, and van Schaik, 1991)
431	Saimiri_sciureus	(Coe, Chen, Lowe, et al., 1981)	(Mitchell, Boinski, and van Schaik, 1991)
432	Saimiri_sciureus	(Coe, Chen, Lowe, et al., 1981)	(Mitchell, Boinski, and van Schaik, 1991)
433	Chlorocebus_aethiops	(Wrangham, 1981)	(HOLEKAMP and SMALE, 1991)
434	Macaca_mulatta	(Blomquist, 2009)	(Deutsch and Lee, 1991)
435	Pan_troglodytes	(Boesch, 1997)	(Wittig et al. 2003)
436	Pan_troglodytes	(Boesch, 1997)	(Wittig et al. 2003)
437	Lemur_catta	(Nunn and Pereira, 2000)	(Taylor and Sussman, 1985)
438	Macaca_fascicularis	(Schaik, Netto, Amerongen, and Westland, 1989)	(Wittig et al. 2003)
439	Pan_troglodytes	(Stanton, Lonsdorf, Pusey, and Murray, 2017)	NA
440	Pan_troglodytes	(Stanton, Lonsdorf, Pusey, et al., 2017)	(Wittig et al. 2003)
441	Gorilla_beringei	(Eckardt, Fawcett, and Fletcher, 2016)	(Robbins, Gerald-Steklis, Robbins, et al., 2005)
442	Macaca_sylvanus	(Modolo and Martin, 2007)	(Paul and Kuester, 1987)
443	Lophocebus_albigena	(Arlet, Isbell, Kaasik, et al., 2014)	(Arlet, Isbell, Kaasik, Molleman, Chancellor, Chapman, et al., 2014)
444	Trachypithecus_phayrei	(Borries, Larney, Derby, and Koenig, 2004)	(Koenig, Larney, Lu, and Borries, 2004)

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