ES.ID	ID	First.autho	Year	Journal	Species	Scientific.	Major.taxo	Captive.en
3	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
4	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
5	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
6	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
8	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
9	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
10	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles (	Bird	Conservati
11	2	Ballou	1982	Biological	Zebra	Equus bur	Mammal	Conservati
12	2	Ballou	1982	Biological	Pygmy hip	Choreopsi	Mammal	Conservati
13	2	Ballou	1982	Biological	Eld's deer	Cersus eld	Mammal	Conservati
14	2	Ballou	1982	Biological	Reindeer	Rangifer t	Mammal	Conservati
15	2	Ballou	1982	Biological	Giraffe	Giraffa car	Mammal	Conservati
16	2	Ballou	1982	Biological	Kudu	Tragelaph	Mammal	Conservati
17	2	Ballou	1982	Biological	Scimitar-h	Oryx damr	Mammal	Conservati
18	2	Ballou	1982	Biological	Wildebees	Connocha	Mammal	Conservati
19	2	Ballou	1982	Biological	Dorcas ga	Gazella do	Mammal	Conservati
20	3	Beck	1988	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
21	3	Beck	1988	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
24	7	Bolton	2012	Veterinary	Common c	Pan troglo	Mammal	Conservati
25	8	Botten	2001	Comparati	Deer mous	Peromysc	Mammal	Research
29	8	Botten	2001	Comparati	Deer mous	Peromysc	Mammal	Research
30	13	Calkins	2013	Journal of	Island fox	Urocyon lit	Mammal	Conservati
33	22	De Lathou	2005	Internation	Chimpanz	Pan troglo	Mammal	Conservati
34	22	De Lathou	2005	Internation	Chimpanz	Pan troglo	Mammal	Conservati
39	22	De Lathou	2005	Internation	Bonobo	Pan panis	Mammal	Conservati
40	22	De Lathou	2005	Internation	Bonobo	Pan panis	Mammal	Conservati
62	36	Hogg	2015	Conservati	Tasmaniar	Sarcophilu	Mammal	Conservati
67	44	Kiik	2013	Zoo Biolog	European	Mustela lu	Mammal	Conservati
68	44	Kiik	2013	Zoo Biolog	European	Mustela lu	Mammal	Conservati
72	67	Mihok	1992	Canadian	Meadow v	Microtus p	Mammal	Research
73	67	Mihok	1992	Canadian	Meadow v	Microtus p	Mammal	Research
79	77	Perry	1992	Zoo Biolog	Mongoose	Eulemur m	Mammal	Research
82	79	Price	1967	Evolution	Prairie de	Peromysc	Mammal	Research
87	79	Price	1967	Evolution	Prairie de	Peromysc	Mammal	Research
88	79	Price	1967	Evolution	Prairie de	Peromysc	Mammal	Research
92	84	Rasweiler	1996	Laboratory	Short-taile	Carollia pe	Mammal	Research
93	84	Rasweiler	1996	Laboratory	Short-taile	Carollia pe	Mammal	Research
94	84	Rasweiler	1996	Laboratory	Short-taile	Carollia pe	Mammal	Research
97	91	Ryan	2002	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
98	91	Ryan	2002	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
100	94	Schwitzer	2009	Endangere	Black-and-	Varecia va	Mammal	Conservati
105	99	Sousa	1999	Primates	Common r	Callithrix j	Mammal	Research
106	99	Sousa	1999	Primates	Common r	Callithrix j	Mammal	Research
111	103	Vanstreels	2010	Internatio	Maned wo	Chrysocon	Mammal	Conservati
114	115	Wolfe	1975	Laboratory	Illiger's s	Saguinus f	Mammal	Research
115	115	Wolfe	1975	Laboratory	Illiger's s	Saguinus f	Mammal	Research
116	115	Wolfe	1975	Laboratory	Cotton-top	Saguinus (	Mammal	Research

117	115	Wolfe	1975	Laboratory	Cotton-top	Saguinus c	Mammal	Research
1	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles c	Bird	Conservati
2	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles c	Bird	Conservati
7	1	Aourir	2013	Zoo Biolog	Black-bell	Pterocles c	Bird	Conservati
26	8	Botten	2001	Comparati	Deer mous	Peromysci	Mammal	Research
27	8	Botten	2001	Comparati	Deer mous	Peromysci	Mammal	Research
28	8	Botten	2001	Comparati	Deer mous	Peromysci	Mammal	Research
31	18	Cooper	1996	Animal We	Bank vole	Clethriony	Mammal	Research
32	22	De Lathou	2005	Internation	Chimpanze	Pan troglo	Mammal	Conservati
35	22	De Lathou	2005	Internation	Chimpanze	Pan troglo	Mammal	Conservati
36	22	De Lathou	2005	Internation	Chimpanze	Pan troglo	Mammal	Conservati
37	22	De Lathou	2005	Internation	Chimpanze	Pan troglo	Mammal	Conservati
38	22	De Lathou	2005	Internation	Bonobo	Pan panisc	Mammal	Conservati
41	22	De Lathou	2005	Internation	Bonobo	Pan panisc	Mammal	Conservati
42	22	De Lathou	2005	Internation	Bonobo	Pan panisc	Mammal	Conservati
43	22	De Lathou	2005	Internation	Bonobo	Pan panisc	Mammal	Conservati
44	23	De Vleesc	2003	American	Golden-he	Leontopith	Mammal	Conservati
45	23	De Vleesc	2003	American	Golden-he	Leontopith	Mammal	Conservati
46	24	Dennis	2007	Journal of	Black rhin	Diceros bi	Mammal	Conservati
47	25	Dubovsky	1994	Journal of	Mallard	Anas platy	Bird	Research
48	25	Dubovsky	1994	Journal of	Mallard	Anas platy	Bird	Research
49	25	Dubovsky	1994	Journal of	Mallard	Anas platy	Bird	Research
50	25	Dubovsky	1994	Journal of	Mallard	Anas platy	Bird	Research
51	25	Dubovsky	1994	Journal of	Mallard	Anas platy	Bird	Research
52	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
53	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
54	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
55	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
56	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
57	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
58	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
59	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
60	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
61	31	Gusheinze	2011	Journal of	Banana sh	Fennerope	Invertebrat	Aquacultur
63	36	Hogg	2015	Conservati	Tasmaniar	Sarcophilu	Mammal	Conservati
64	43	Keys	2006	Aquacultur	Brown tige	Penaeus e	Invertebrat	Aquacultur
65	43	Keys	2006	Aquacultur	Brown tige	Penaeus e	Invertebrat	Aquacultur
66	43	Keys	2006	Aquacultur	Brown tige	Penaeus e	Invertebrat	Aquacultur
69	50	Lindstrom	2006	Condor	Mallards	Anas platy	Bird	Research
70	54	Mar	2002	RAP Publi	Asian elep	Elephas m	Mammal	Other
71	58	Marte	1986	Aquacultur	Milkfish	Chanos ch	Fish	Aquacultur
74	67	Mihok	1992	Canadian	Meadow v	Microtus p	Mammal	Research
75	70	Murugan	2013	Indian Jou	Three spot	Hippocam	Fish	Aquacultur
76	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
77	75	Parado-Es	2007	Aquacultur	Crucifix cr	Charybdis	Invertebrat	Aquacultur
78	75	Parado-Es	2007	Aquacultur	Crucifix cr	Charybdis	Invertebrat	Aquacultur
80	78	Pratoomch	1993	Journal of	Giant tiger	Penaeus n	Invertebrat	Aquacultur
81	78	Pratoomch	1993	Journal of	Giant tiger	Penaeus n	Invertebrat	Aquacultur

83	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
84	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
85	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
86	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
89	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
90	79	Price	1967	Evolution	Prairie de	Peromysci	Mammal	Research	
91	82	Quinones-	2015	Latin Amer	Almaco jac	Seriola riv	Fish	Aquacultur	
95	88	Ripley	2005	Environme	Lake Mala	Tramitichr	Fish	Research	
96	90	Rothe	1987	Internation	Common r	Callithrix j	Mammal	Research	
99	94	Schwitzer	2009	Endangere	Black-and-	Varecia va	Mammal	Conservati	
101	97	Slade	2014	Biology Le	House mo	Mus musc	Mammal	Research	
102	98	Smith	2003	Aquacultur	Spiny lobs	Jasus edw	Invertebrat	Aquacultur	
103	98	Smith	2003	Aquacultur	Spiny lobs	Jasus edw	Invertebrat	Aquacultur	
104	99	Sousa	1999	Primates	Common r	Callithrix j	Mammal	Research	
107	102	van Heezik	2005	Zoo Biolog	Kaki (black	Himantopu	Bird	Conservati	
108	102	van Heezik	2005	Zoo Biolog	Kaki (black	Himantopu	Bird	Conservati	
109	102	van Heezik	2005	Zoo Biolog	Kaki (black	Himantopu	Bird	Conservati	
110	102	van Heezik	2005	Zoo Biolog	Kaki (black	Himantopu	Bird	Conservati	
112	108	Woolley	1984	Australian	Fat-tailed	Sminthops	Mammal	Research	
113	111	Zizkova	1996	Acta Socie	Wood mou	Apodemus	Mammal	Research	

Generation	Reproduct	Direction	Trait		WB.Percer	WB.n1	WB.n2	WB.succes	WB.failure
No	Egg fertility	+		1	67.92	35.9976	36	36	17
No	Hatchabilit	+		1	80.55	28.998	29	29	7
No	Hatchabilit	+		1	54.71	28.9963	29	29	24
No	Embryo m	-		4	15.62	14.9952	15	81	15
No	Chick abn	-		3	0	0	0	36	0
No	Juvenile m	-		4	19.44	6.9984	7	29	7
No	Juvenile m	-		4	2.77	0.9972	1	35	1
No	Juvenile m	-		4		4	4	9	4
No	Juvenile m	-		4		10	10	23	10
No	Juvenile m	-		4		2	2	12	2
No	Juvenile m	-		4		5	5	9	5
No	Juvenile m	-		4		3	3	11	3
No	Juvenile m	-		4		4	4	10	4
No	Juvenile m	-		4		2	2	20	2
No	Juvenile m	-		4		3	3	6	3
No	Juvenile m	-		4		6	6	15	6
No	Male repro	+		1		36	36	36	25
No	Female re	+		1		47	47	47	22
No	Reproduct	-		1		5	5	9	5
Lab popul	Fertility	+		1		21	21	21	5
Lab popul	Incidence	-		4	5	1.1	1	21	1
No	Reproduct	+		1		74	74	74	70
No	Prenatal a	-		4		2	2	48	2
No	Postnatal	-		4		16	16	32	16
No	Prenatal a	-		4		4	4	25	4
No	Postnatal	-		4		5	5	20	5
Compared	Breeding s	+		1		51	51	51	112
No	Male bree	+		1		13	13	13	7
No	Female br	+		1		7	7	7	8
Wild, F1, F	Breeding s	+		1		3	3	3	9
Wild, F1, F	Breeding s	+		1		11	11	11	0
No	Neonatal n	-		4		3	3	18	3
No	Breeding s	+		1		33	33	33	16
No	Incidence	-		4		2	2	33	2
No	Incidence	-		4		3	3	109	3
No	Breeding s	+		1		122	122	122	22
No	Pregnancy	+		1		115	115	115	7
No	Young suc	+		4	90.9	20	20	20	2
No	Male repro	+		1		61	61	61	54
No	Female re	+		1		77	77	77	43
F0 to F4	Infant mort	-		4	18.5	27.01	27	119	27
No	Incidence	-		4		5	5	167	5
No	Incidence	-		4		64	64	108	64
No	Breeding s	+		1		106	106	106	135
F0 to F1	Abortion ra	-		4	6.5	11.96	12	172	12
F0 to F1	Live offspri	+		4		300	300	300	53
F0 to F1	Abortion ra	-		4	13.2	8.976	9	59	9

F0 to F1	Live offspri	+	4	90	90	90	40
No	Egg mass	+	3				
No	Egg volum	+	3				
No	Hatch weig	+	3				
Lab popula	Pairing an	-	5				
Lab popula	Litters/pair	+	2				
Lab popula	Litter size	+	2				
No	Litter size	+	2				
No	Age at first	-	5				
No	Fertility (lb	+	1				
No	Interbirth i	-	5				
No	Rate of pro	+	2				
No	Age at first	-	5				
No	Fertility (lb	+	1				
No	Interbirth i	-	5				
No	Rate of pro	+	2				
No	Interbirth i	-	5				
No	Litter size	+	2				
Specify F1	Age at first	-	5				
No	Clutch size	+	2				
No	Egg laying	-	5				
No	Fertility/clu	+	1				
No	Hatchabilit	+	1				
No	Juvenile su	+	4				
Wild, F1, o	Spawning	+	5				
Wild, F1, o	Spawning	-	5				
Wild, F1, o	Fecundity	+	2				
Wild, F1, o	Fertilisati	+	1				
Wild, F1, o	Hatch rate	+	1				
Wild, F1, o	Nauplii pro	+	2				
Wild, F1, o	Latency pe	-	5				
Wild, F1, o	Survival ra	+	4				
Wild, F1, o	Survival ra	+	4				
Wild, F1, o	Survival ra	+	4				
Compared	No. offspr	+	2				
G1- proge	Number of	+	5				
G1- proge	Spawns/fe	+	5				
G1- proge	Nauplii pr	+	2				
F0 to F3	Clutch size	+	2				
No	Age at first	-	5				
No	Fecundity	+	2				
Wild, F1, F	Litter size	+	2				
F0 to F1	Number of	+	2				
F0, F1, F2	Matings/fe	+	5				
No	Z1/female/	+	2				
No	Z1/gram B	+	2				
No	Percentag	+	1				
No	Percentag	+	1				

No	Litter size (	+	2
No	Litter size (	+	2
No	Litter size (	+	2
No	Litter size (	+	2
No	Body weig	+	3
No	Body weig	+	3
Compared	Monthly sp	+	5
F0 to F1	Clutch size	+	2
F0 to F4	Litter size	+	2
F0 to F4	Litter size	+	2
No	No. offspri	+	2
No	Hatch size	+	3
No	Phyllosom	+	4
No	Litter size	+	2
No	Fertility (a	+	1
No	Hatchabilit	+	1
No	Hatch weig	+	3
No	Overall hat	+	1
No	Litter size	+	2
No	Litter size	+	2

WB.N	CB.Percen	CB.n1	CB.n2	CB.succes	CB.failure	CB.N	WB.Mean	WB.C.Mea
53	68	95.88	96	96	45	141		
36	84.26	80.8896	81	81	15	96		
53	57.44	80.9904	81	81	60	141		
96	15.7	5.652	6	30	6	36		
36	6.17	4.9977	5	76	5	81		
36	60.5	49.005	49	32	49	81		
36	3.7	2.997	3	78	3	81		
13		5	5	14	5	19		
33		7	7	12	7	19		
14		9	9	1	9	10		
14		17	17	13	17	30		
14		3	3	2	3	5		
14		3	3	8	3	11		
22		5	5	15	5	20		
9		10	10	29	10	39		
21		33	33	38	33	71		
61		10	10	10	10	20		
69		20	20	20	21	41		
14		0	0	29	0	29		
26		43	43	43	16	59		
22	26	11.18	11	32	11	43		
144		18	18	18	105	123		
50		1	1	12	1	13		
48		6	6	6	6	12		
29		6	6	26	6	32		
25		3	3	23	3	26		
163		111	111	111	136	247		
20		23	23	23	178	201		
15		100	100	100	129	229		
12		9	9	9	20	29		
11		4	4	4	0	4		
21		6	6	3	6	9		
49		70	70	70	5	75		
35		20	20	50	20	70		
112		32	32	213	32	245		
144		35	35	35	3	38		
122		29	29	29	6	35		
22	79.3	23	23	23	6	29		
115		22	22	22	84	106		
120		68	68	68	41	109		
146	33.9	127.125	127	248	127	375		
172		9	9	146	9	155		
172		45	45	110	45	155		
241		32	32	32	32	64		
184	42.9	15.015	15	20	15	35		
353		18	18	18	49	67		
68	42.9	3.003	3	4	3	7		

130		7	7	7	7	14		
53						159	25.14	25.14
53						159	23.86	23.86
36						81	18.91	18.91
26						59	106	-106
26						59	7.2	7.2
166						171	4.3	4.3
2						3	4.5	4.5
13						6	12.77	-12.77
8						9	0.26	0.26
20						11	4.33	-4.33
8						9	0.17	0.17
9						11	10.78	-10.78
8						9	0.19	0.19
15						19	5.16	-5.16
8						9	0.15	0.15
145						294	191.8	-191.8
254						480	1.57	1.57
34						28	8.85	-8.85
7						14	12.4	12.4
7						14	1.17	-1.17
7						14	86.6	86.6
7						14	82.5	82.5
7						14	89.4	89.4
25						25	2.92	2.92
51						39	8.82	-8.82
73						64	103116	103116
73						64	92.92	92.92
73						64	89.1	89.1
73						64	92150	92150
22						25	6.77	-6.77
73						64	87.97	87.97
73						64	83.79	83.79
73						64	73.12	73.12
51						111	2.91	2.91
50						50	1.96	1.96
50						50	1.31	1.31
50						50	39.6	39.6
11						13	9.5	9.5
868						408	29.77	-29.77
14						6	688.7857	688.7857
14						26	3.86	3.86
7						50	466.57	466.57
237						470	1.8	1.8
6						8	640000	640000
6						8	3300	3300
57						115	21.4	21.4
59						84	4.2	4.2

23	59	3.8	3.8
23	54	4.7	4.7
23	51	4.9	4.9
23	49	4.8	4.8
43	43	9.2	9.2
43	43	9.1	9.1
28	30	9.2	9.2
5	5	97	97
53	149	2.23	2.23
82	831	1.78	1.78
54	54	4.02	4.02
5	5	2.07	2.07
5	5	81.96	81.96
82	71	2.1	2.1
17	16	95	95
17	16	90	90
217	100	17.2	17.2
16	15	90.5	90.5
2	7	9	9
68	139	4.48	4.48

WB.SD WB.SEM CB.Mean CB.C.Mea CB.SD CB.SEM

1.77		24.33	24.33	2.8	
1.83		21.6	21.6	2.45	
1.65		17.87	17.87	2.04	
130		71	-71	68	
5.9		5.5	5.5	4	
1.3		4.5	4.5	1.7	
0.707		4.666667	4.666667	0.577	
2.45	0.68	10	-10	0.63	0.26
0.06	0.02	0.25	0.25	0.11	0.04
1.62	0.36	4.51	-4.51	0.81	0.25
0.05	0.02	0.17	0.17	0.04	0.01
1.72	0.57	10.55	-10.55	2.34	0.71
0.05	0.02	0.2	0.2	0.04	0.01
1.2	0.31	4.75	-4.75	1.25	0.29
0.05	0.02	0.18	0.18	0.03	0.01
73.45373	6.1	208.5	-208.5	92.59071	5.4
0.478121	0.03	1.71	1.71	0.438178	0.02
2.96		9.14	-9.14	3.38	
1.587451	0.6	15.8	15.8	2.61916	0.7
0.185203	0.07	1.1	-1.1	0.11225	0.03
16.40366	6.2	93.9	93.9	5.23832	1.4
14.55163	5.5	92.4	92.4	7.483315	2
10.58301	4	98.3	98.3	4.864155	1.3
2.15	0.43	2.56	2.56	1	0.2
6.712943	0.94	10.44	-10.44	4.871098	0.78
212745.7	24900	98023	98023	22000	2750
10.68	1.25	86.19	86.19	10.64	1.33
10.76544	1.26	82.26	82.26	10.8	1.35
22812.49	2670	81700	81700	22800	2850
3.799237	0.81	8.8	-8.8	2.65	0.53
4.955522	0.58	78.83	78.83	12.72	1.59
5.211842	0.61	74.39	74.39	12.24	1.53
6.322563	0.74	64.62	64.62	10.88	1.36
7.212843	1.01	2.41	2.41	10.53565	1
0.23		1.87	1.87	0.23	
0.19		1.84	1.84	0.87	
4.8		31.2	31.2	6	
1.989975	0.6	8.9	8.9	2.163331	0.6
9.99		19.69	-19.69	6.22	
148.7275		806.3333	806.3333	461.8609	
1.42183	0.38	3.69	3.69	1.325745	0.26
102.53		100.38	100.38	54.28	
1.4		1.3	1.3	3.1	
218004.6	89000	250000	250000	42426.41	15000
1469.694	600	867	867	164.0488	58
18.3		19.6	19.6	19.2	
6.2		2.5	2.5	4	

1.029665	0.2147	4.3	4.3	1.272766	0.1657
1.144765	0.2387	5	5	1.878269	0.2556
1.039257	0.2167	5.3	5.3	1.58754	0.2223
1.31166	0.2735	5.2	5.2	2.1189	0.3027
0.79345	0.121	9.2	9.2	1.135748	0.1732
0.809844	0.1235	9.2	9.2	1.268864	0.1935
10.58301	2	5.5	5.5	5.477226	1
31.30495	14	60	60	6.708204	3
0.67		2.57	2.57	0.74	
0.77		2.14	2.14	0.93	
5.290898	0.72	3.98	3.98	4.409082	0.6
0.043603	0.0195	1.98	1.98	0.044721	0.02
2.683282	1.2	89.18	89.18	8.072205	3.61
0.36		2.18	2.18	0.38	
5.9		82	82	21.8	
8.1		78.2	78.2	24.5	
1.1		16.1	16.1	1.6	
8		77.6	77.6	25.3	
0		5.43	5.43	3.05	
1.472538		4.11	4.11	1.654185	

ES.ID	ID	First.autho	Year	Journal	Species	Scientific.	Major.taxo	Captive.en
118	31	Gusheinze	2011	Journal of	Shrimp	Fennerope	Invertebrat	Aquacultur
119	49	Levallois	2015	Lab Anima	Cynomolgu	Macaca fa	Mammal	Research
120	56	Marker-Kra	1997	Internatio	Cheetah	Acinonyx j	Mammal	Conservati
121	56	Marker-Kra	1997	Internatio	Cheetah	Acinonyx j	Mammal	Conservati
122	56	Marker-Kra	1997	Internatio	Cheetah	Acinonyx j	Mammal	Conservati
123	56	Marker-Kra	1997	Internatio	Cheetah	Acinonyx j	Mammal	Conservati
124	79	Price	1967	Evolution	Prairie de	Peromysc	Mammal	Research
125	99	Sousa	1999	Primates	Common r	Callithrix j	Mammal	Research
126	101	Talbot	1984	Aquacultur	American l	Homarus a	Invertebrat	Research
127	101	Talbot	1984	Aquacultur	American l	Homarus a	Invertebrat	Research
128	7	Bolton	2012	Veterinary	Common c	Pan troglo	Mammal	Conservati
129	7	Bolton	2012	Veterinary	Western lo	Gorilla gor	Mammal	Conservati
130	43	Keys	2006	Aquacultur	Brown tige	Penaeus e	Invertebrat	Aquacultur
131	43	Keys	2006	Aquacultur	Brown tige	Penaeus e	Invertebrat	Aquacultur
132	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
133	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
134	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
135	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
136	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
137	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
138	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
139	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
140	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
141	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
142	74	Palacios	1999	Journal of	Pacific whi	Penaeus v	Invertebrat	Aquacultur
143	82	Quinones-	2015	Latin Amer	Almaco jac	Seriola riv	Fish	Aquacultur
144	82	Quinones-	2015	Latin Amer	Almaco jac	Seriola riv	Fish	Aquacultur
145	82	Quinones-	2015	Latin Amer	Almaco jac	Seriola riv	Fish	Aquacultur
146	82	Quinones-	2015	Latin Amer	Almaco jac	Seriola riv	Fish	Aquacultur
147	99	Sousa	1999	Primates	Common r	Callithrix j	Mammal	Research
148	8	Botten	2001	Comparati	Deer mous	Peromysc	Mammal	Research
149	37	Ikeda	2009	Marine Bio	Oval squid	Sepioteuth	Invertebrat	Research
150	45	Kirkland	1973	Journal of	Deer mous	Peromysc	Mammal	Research
151	67	Mihok	1992	Canadian .	Meadow v	Microtus p	Mammal	Research
152	91	Ryan	2002	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
153	91	Ryan	2002	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
154	91	Ryan	2002	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
155	100	Stuermer	2003	Zoologisch	Mongolian	Meriones u	Mammal	Research
156	115	Wolfe	1975	Laboratory	Illiger's s	Saguinus f	Mammal	Research
157	3	Beck	1988	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati
158	3	Beck	1988	Zoo Biolog	Western lo	Gorilla gor	Mammal	Conservati

Generatior	Reproduct	Direction	Trait	WB.Percer	WB.n1	WB.n2	WB.succes	WB.failure
Wild, F1, o	Eggs/fema	+		2				
F0 to F1 tc	Interbirth	-		5				
No	Male age ε	-		5				
No	Male age ε	+		5				
No	Female ag	-		5				
No	Female ag	+		5				
No	Average n	-		5				
No	No. litters	+		2				
No	Eggs extru	+		2				
No	Eggs attac	+		2				
No	Age at first	-		5				
No	Age at first	-		5				
G1- proge	Eggs/spaw	+		2				
G1- proge	Hatching r	+		1				
F0, F1, F2	Viable spa	+		2				
F0, F1, F3	Viable spa	+		1				
F0, F1, F4	Fertilisati	+		1				
F0, F1, F5	Cumulative	+		1				
F0, F1, F6	Nauplii/sp	+		2				
F0, F1, F7	No. spawn	+		2				
F0, F1, F8	Mated fem	+		1				
F0, F1, F9	Viable spa	+		2				
F0, F1, F1	Viable spa	+		2				
F0, F1, F1	Days betw	-		5				
F0, F1, F1	Hatching r	+		1				
Compared	Total no.	+		2				
Compared	Total no. e	+		2				
Compared	Fertilisatio	+		1				
Compared	Egg diame	+		3				
No	Interbirth i	-		5				
Lab popul	Pups/fema	+		2				
Compared	Egg case r	+		2				
No	Litter size	+		2				
Wild, F1, F	No. young	+		2				
No	No. infants	+		2				
No	No. infants	+		2				
No	Proportion	+		2				
No	Litter size	+		2				
F0 to F1	Live births	+		1				
No	Infants/ye	+		2				
No	Infants/ye	+		2				

WB.N	CB.Percen	CB.n1	CB.n2	CB.succes	CB.failure	CB.N	WB.Mean	WB.C.Mea
25						25	301.1	301.1
25237						1336	13.66	-13.66
156						142	5.33	-5.33
156						142	7.67	7.67
152						144	5.06	-5.06
152						144	7.16	7.16
24						54	33.7	-33.7
32						40	2.5625	2.5625
19						15	11500	11500
19						15	4800	4800
							14.61	-14.61
							23.84	-23.84
							46779.3	46779.3
							69.9	69.9
							1.2	1.2
							68	68
							83.6	83.6
							274.4	274.4
							78600	78600
2075						3896	0.559518	0.559518
							87.7	87.7
							61.8	61.8
							70.5	70.5
							20	-20
							28.8	28.8
							57	57
							610.44	610.44
							94.5	94.5
							1044.87	1044.87
							244.3	-244.3
							1.4	1.4
2						9	317.5	317.5
							3.8	3.8
							0.5	0.5
61						22	0.241	0.241
77						68	0.135	0.135
							0.181	0.181
							4.4	4.4
23						12	2.9	2.9
69						41	0.11	0.11
61						20	0.17	0.17

WB.SD	WB.SEM	CB.Mean	CB.C.Mea	CB.SD	CB.SEM
		239.26	239.26		
		14.01	-14.01		
		5.04	-5.04		
		6.38	6.38		
		4.64	-4.64		
		6.65	6.65		
		25	-25		
		1.775	1.775		
		8800	8800		
		2800	2800		
	4.18	13.58	-13.58		2.05
	3.24	15	-15		1.42
5084.7		38643.8	38643.8	5847.4	
4.8		64.1	64.1	5.7	
1.1		0.8	0.8	0.9	
32.3		68.3	68.3	33.1	
17.8		85.1	85.1	17.2	
259.9		162.1	162.1	200.4	
39000		65100	65100	28400	
		0.342916	0.342916		
4.4		74.3	74.3	9	
7.3		47.4	47.4	7.5	
7.1		65.4	65.4	7.2	
7		23	-23	3	
16.3		50.5	50.5	16.4	
	2	28	28		1
	2.5	163.79	163.79		6.6
	1.9	75.3	75.3		2.8
	22.8	1035.83	1035.83		20.8
16		316	-316	25.7	
		1.4	1.4		
		243.9	243.9		
		4.8	4.8		
		0.34	0.34		
		0.307	0.307		
		0.235	0.235		
		0.536	0.536		
		5.5	5.5		
		0.8	0.8		
		0.15	0.15		
		0.32	0.32		

Column Name
ES.ID
ID
First.author
Year
Journal
Species
Scientific.name
Major.taxon
Captive.environment
Generation
Reproductive.measurement
Direction
Trait
WB.Percentage
WB.n1
WB.n2
WB.success
WB.failure
WB.N
CB.Percentage
CB.n1
CB.n2
CB.success
CB.failure
CB.N
WB.Mean
WB.C.Mean
WB.SD
WB.SEM
CB.Mean
CB.C.Mean
CB.SD
CB.SEM

Description

Unique identifier for each effect size
Unique identifier for each publication
First author of publication
Year of publication
Journal of publication
Common name of species
Scientific name of species
Major taxon grouping of species
Captive environment of study (aquaculture, research, conservation or other. See Methods for definitions)
Generation (F) of captive-breeding of the captive-born population (No was not specified)
Reproductive trait measured between captive-born and wild-born animals in captivity
Expected direction of the effect of the reproductive trait measured on overall productivity (+ = increase in trait inc
Type of reproductive trait measured (1 = fertility/hatchability, 2 = reproductive yield, 3 = offspring quality, 4 = offs
Percentage of wild-born animals experiencing reproductive trait (where reported)
Number of wild-born animals out of total (calculated from percentage) with reported trait
Number of wild-born animals out of total (reported, or rounded from WB.n1)
Number of wild-born animals experiencing reproductive trait in positive direction of productivity
Number of wild-born animals experiencing reproductive trait in negative direction of effect on productivity
Total number of wild-born animals
Percentage of captive-born animals experiencing reproductive trait (where reported)
Number of captive-born animals out of total (calculated from percentage) with reported trait
Number of captive-born animals out of total (reported, or rounded from CB.n1)
Number of captive-born animals experiencing reproductive trait in positive direction of productivity
Number of captive-born animals experiencing reproductive trait in negative direction of effect on productivity
Total number of captive-born animals
Mean of wild-born animals experiencing reproductive trait
WB.Mean corrected for direction of effect on productivity (multiplied by -1 if trait has negative effect on productiv
Standard deviation (wild-born)
Standard error of the mean (wild-born)
Mean of captive-born animals experiencing reproductive trait
CB.Mean corrected for direction of effect on productivity (multiplied by -1 if trait has negative effect on productivi
Standard deviation (captive-born)
Standard error of the mean (captive-born)