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Table of studies that were excluded in order to avoid pseudoreplication

			See page 4 for full reference	
Clade	Genus	Species	First author, year	Reason for exclusion
Anura	Leptobrachium	boringii	Zheng, 2010	Replaced with more recent study with similar results
Anura	Rana	dalmatina	Lodé, 2004, 2009	Replaced with study with larger sample sizes
Caudata	Ambystoma	t. tigrinum	Williams, 2009	Replaced with older study done with natural pop of the same species
Caudata	Taricha	granulosa	Jones, 2002, 2004	These studies used the same dataset/samples as the first study to report data in the natural population
Crocodylia	Alligator	mississippiensis	Davis, 2001	Replaced with more recent study
Crocodylia	Caiman	latirostris	Amavet, 2008	Replaced with more recent study
Rhynchocephalia	Sphenodon	punctatus	Hay, 2008	Replaced by more recent study with larger sample sizes
Squamata	Crotaphytus	collaris	York, 2014	Replaced with study with larger sample sizes
Squamata	Ctenophorus	pictus	Olsson, 2007	Replaced by more recent study with larger sample sizes
Squamata	Eulamprus	heatwolei	Morrison, 2002	Replaced by more recent study with larger sample sizes and more modern methods
Squamata	Lacerta	agilis	Olsson, 2011a, 2011b	Replaced with older study as these are not clear as to sample sizes or the number of instances of muliple paternity discovered
Squamata	Nerodia	sipedon	Barry, 1992	Replaced by a more recent study with more modern methods and larger sample size
Squamata	Zootoca	vivipara	Laloi, 2009	Replaced with older study as these are not clear as to sample sizes or the number of instances of muliple paternity discovered
Squamata	Zootoca	vivipara	Laloi, 2004	Replaced by other studies of the natural population
Squamata	Zootoca	vivipara	White, 2011	Replaced by older study, but one with much larger sample size
Squamata	Zootoca	vivipara	Richard, 2012	Replaced by older study, but one with much larger sample size
Testudines	Caretta	caretta	Harry, 1988	Replaced by more recent study with larger sample sizes and more modern methods
Testudines	Caretta	caretta	Bollmer, 1999	Replaced by more recent study with larger sample sizes
Testudines	Chelonia	mydas	Ireland, 2003	Replaced by more recent study with larger sample sizes and more modern methods
Testudines	Chelonia	mydas	Lara-De La Cruz, 2010	Replaced by more recent study with larger sample sizes and more modern methods
Testudines	Chrysemys	picta	Pearse, 2002	Replaced by more recent study with larger sample sizes and more modern methods
Testudines	Chrysemys	picta	McGuire, 2011	Replaced by more recent study
Testudines	Dermochelys	coriacea	Stewart, 2011	Replaced by more recent study with larger sample sizes
Testudines	Eretmochelys	imbricata	Phillips, 2013	Replaced by more recent study with larger sample sizes

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Dataset with standardized effect sizes Fisher's z scale (Zr) and its variance (VarZr) used in meta-analyses

Clade1	Family	Animal	See page 2 for full reference	Year of publication	Prevalance of polyandry (%)	Number of samples (N)	Absolute latitude of sampled location		Type of molecular marker used in paternity testing	Number of microsatellite loci sampled	Average number of alleles per locus	Average observed heterozygosity over all loci	Average expected heterozygosity over all loci	Average number of offspring genotyped per clutch or litter	Average percentage of the clutch sampled	Average size of clutches or litters	Source of effect size data (Hedges' g or correlation r)		1/(SQRT(SampleSizeN-3))	yr minus average of all years	year_c
			REF	PubYear	PA	SampleSizeN	ablLat	Latitude	Marker	Loci	Alleles	ObHet	ExHet	genotypedPerClutch	PercentageclutchSampled	ClutchSizes	Source	Zr	VarZr	Zr_sel	
Caudata	Ambystomatidae	Ambystoma tigrinum tigrinum	Gopurenko et al. 2006	2006	53.33	15	40.45	40.45	Msat	4	12.3	NA	NA	23.7	100.0	23.7	r	0.065	0.083	0.289	-3.4
Caudata	Salamandridae	Salamandrina perspicillata	Rovelli et al. 2015	2015	100.00	8	42.11	42.11	Msat	10	6.1	0.613	0.629	34.1	83.6	40.4	r	0.068	0.200	0.447	5.6
Caudata	Ambystomatidae	Ambystoma texanum	Gopurenko et al. 2007	2007	85.71	14	40.45	40.45	Msat	4	18.3	0.874	0.921	13.3	89.6	14.8	r	0.599	0.091	0.302	-2.4
Caudata	Plethodontidae	Plethodon cinereus	Liebgold et al. 2006	2006	84.62	13	37.42	37.42	Msat	5	8.6	0.643	0.641	7.1	100.0	6.5	r	0.601	0.100	0.316	-3.4
Caudata	Salamandridae	Salamandrina salamandra	Caspers et al. 2014	2014	37.50	24	50.66	50.66	Msat	18	6.3	0.511	0.608	25.1	100.0	25.1	r	0.651	0.048	0.218	4.6
Crocodylia	Crocodylidae	Crocodylus moreletii	McVay et al. 2008	2008	60.00	10	17.92	17.92	Msat	6	4.3	0.579	0.552	18.8	100.0	25.0	r	-0.711	0.143	0.378	-1.4
Crocodylia	Crocodylidae	Crocodylus intermedius	Lafferriere et al. 2016	2016	50.00	20	7.84	7.84	Msat	17	5.3	0.524	0.544	16.8	100.0	16.8	r	-0.260	0.059	0.243	6.6
Crocodylia	Alligatoridae	Alligator mississippiensis	Lance et al. 2009	2009	51.00	92	29.65	29.65	Msat	5	10.0	0.776	0.814	20.0	52.6	38.0	HG	0.038	0.011	0.106	-0.4
Crocodylia	Alligatoridae	Alligator mississippiensis	Zajdel et al. 2019	2019	38.71	31	33.21	33.21	Msat	5	13.4	0.785	0.798	30.8	68.4	44.8	r	0.283	0.036	0.189	9.6
Lacertilia	Scincidae	Egernia whiti	Chapple and Keogh 2005	2005	11.63	43	35.88	-35.88	Msat	4	18.8	NA	NA	2.5	100.0	2.5	r	-0.298	0.025	0.158	-4.4
Lacertilia	Agamidae	Intellagama lesueurii	Frete et al. 2015	2015	86.36	22	33.79	-33.79	Msat	9	10.3	0.675	0.684	8.1	100.0	8.1	r	0.081	0.053	0.229	5.6
Lacertilia	Iguanidae	Cyclura nubila caymanensis	Moss et al. 2019	2018	38.00	50	19.69	19.69	Msat	14	6.0	0.595	0.575	9.5	79.8	13.1	r	0.278	0.021	0.146	8.6
Lacertilia	Scincidae	Tiliqua rugosa	Bull et al. 1998	1998	19.05	21	33.91	-33.91	Msat	5	13.4	0.632	0.798	2.0	100.0	2.0	HG	0.643	0.056	0.236	-11.4
Lacertilia	Lacertidae	Zootoca vivipara	Etaguirre et al. 2007	2007	56.30	135	43.50	43.50	Msat	5	8.8	0.838	0.868	5.2	100.0	5.2	HG	1.573	0.008	0.087	-2.4
Serpentes	Pythonidae	Liias fuscus	Madsen et al. 2005	2005	85.71	14	13.24	-13.24	Msat	3	NA	NA	NA	9.4	81.4	11.5	r	-0.216	0.091	0.302	-4.4
Serpentes	Viperidae	Vipera berus	Ursenbacher et al. 2009	2009	69.23	13	46.66	46.66	Msat	13	14.1	0.522	0.524	7.7	82.1	9.9	r	-0.044	0.100	0.316	-0.4
Serpentes	Viperidae	Agkistrodon contortrix	Levine et al. 2015	2015	45.00	20	41.56	41.56	Msat	22	6.5	0.633	0.634	6.9	100.0	6.9	HG	0.012	0.059	0.243	5.6
Serpentes	Viperidae	Crotalus atrox	Clark et al. 2014	2014	50.00	24	32.67	32.67	Msat	27	20.1	0.730	0.840	4.3	100.0	4.3	HG	0.066	0.048	0.218	4.6
Serpentes	Natricidae	Thamnophis sirtalis	Garner et al. 2002	2002	37.50	16	49.69	49.69	Msat	3	16.0	NA	NA	8.5	100.0	8.5	HG	0.306	0.077	0.277	-7.4
Serpentes	Natricidae	Nerodia sipedon	Barry et al. 1992	1992	85.71	14	45.64	45.64	Allozymes	7	2.4	NA	NA	22.7	100.0	22.7	r	0.359	0.091	0.302	-17.4
Serpentes	Natricidae	Thamnophis elegans	Garner and Larsen 2005	2005	50.00	6	50.82	50.82	Msat	3	NA	NA	NA	13.8	100.0	13.8	r	0.522	0.333	0.577	-4.4
Serpentes	Natricidae	Thamnophis sirtalis	McCracken et al. 1999	1999	75.00	8	45.67	45.67	Msat	4	11.3	0.530	NA	7.5	100.0	7.5	r	1.139	0.200	0.447	-10.4
Testudines	Testudinidae	Gopherus polyphemus	Tuberville et al. 2011	2011	57.14	14	31.64	31.64	Msat	5	13.0	0.782	0.837	7.7	93.3	8.2	r	-0.469	0.091	0.302	1.6
Testudines	Cheloniidae	Chelonia mydas	Lee and Hays 2004	2004	61.11	18	7.92	-7.92	Msat	5	11.4	0.760	0.763	38.9	99.8	106.5	r	-0.417	0.071	0.258	-5.4
Testudines	Cheloniidae	Chelonia mydas	Turkozan et al. 2019	2019	59.09	22	36.60	36.60	Msat	9	7.7	0.759	0.761	15.0	107.6	107.6	r	-0.264	0.053	0.229	9.6
Testudines	Testudinidae	Gopherus polyphemus	White et al. 2018	2018	27.59	29	27.23	27.23	Msat	11	8.5	0.676	0.675	7.1	85.0	8.5	r	-0.156	0.039	0.196	8.6
Testudines	Testudinidae	Gopherus polyphemus	Moon et al. 2006	2006	28.57	7	28.05	28.05	Msat	9	3.4	0.351	0.371	7.6	84.4	8.9	r	-0.062	0.250	0.500	-3.4
Testudines	Cheloniidae	Eretmochelys imbricata	Phillips et al. 2014	2014	8.57	140	4.35	-4.35	Msat	32	9.3	0.690	0.690	12.6	7.6	166.1	r	-0.035	0.008	0.085	4.6
Testudines	Cheloniidae	Chelonia mydas	Wright et al. 2013	2013	24.36	78	35.33	35.33	Msat	13	6.1	0.680	0.670	21.7	20.8	109.8	r	-0.029	0.013	0.115	3.6
Testudines	Cheloniidae	Caretta caretta	Sari et al. 2017	2017	70.00	10	36.78	36.78	Msat	2	9.0	0.830	0.870	20.9	28.2	82.6	r	-0.011	0.143	0.378	7.6
Testudines	Cheloniidae	Natator depressus	Theissinger et al. 2009	2009	83.33	6	24.80	-24.80	Msat	4	9.0	0.835	0.813	25.4	52.3	53.2	r	0.051	0.500	0.577	-0.4
Testudines	Cheloniidae	Chelonia mydas	Alfaro-Núñez et al. 2015	2015	91.67	12	10.62	10.62	Msat	4	14.8	0.768	0.800	20.0	18.2	112.6	r	0.057	0.111	0.333	5.6
Testudines	Cheloniidae	Lepidochelys olivacea	Hoekert et al. 2002	2002	20.00	10	5.75	5.75	Msat	2	13.0	0.860	0.820	70.3	59.7	117.9	r	0.137	0.143	0.378	-7.4
Testudines	Cheloniidae	Lepidochelys olivacea	Jensen et al. 2006	2006	30.77	13	9.56	9.56	Msat	6	23.3	0.850	0.865	22.6	23.0	99.5	r	0.199	0.100	0.316	-3.4
Testudines	Cheloniidae	Lepidochelys olivacea	Jensen et al. 2006	2006	92.31	13	10.00	10.00	Msat	6	23.3	0.850	0.865	22.1	22.2	100.9	r	0.227	0.100	0.316	-3.4
Testudines	Podocnemididae	Podocnemis sextuberculata	Freda et al. 2016	2016	100.00	23	1.25	-1.25	msat	6	NA	0.563	0.927	17.5	69.0	16.0	r	0.532	0.050	0.224	6.6