

List of the 47 animal species used in this study, from the COMADRE Animal Matrix Database. # pop indicates the number of populations used from each species.

Latin name	Family	Common name	# pop	Authors	DOI.ISBN	Publication year
<i>Acinonyx jubatus</i>	Felidae	Cheetah	1	Lubben; Tenhumberg; Tyre; Rebarber	10.1016/j.biocon.2007.11.003	2008
<i>Alces alces</i>	Cervidae	Moose	4	Carroll, Kvalnes; Saether; Haanes; Røed; Engen; Solberg	NA, 10.1111/evo.12952	2013, 2016
<i>Ammodramus savannarum</i>	Emberizidae	Grasshopper sparrow	2	Hovick; Miller	10.1007/s10980-013-9896-7	2013
<i>Anser anser</i>	Anatidae	Greylag goose	1	Klok; van Turnhout; Willems; Voslamber; Ebbinge; Schekkerman	10.1163/157075610X523260	2010
<i>Anthropoides paradiseus</i>	Gruidae	Blue crane	1	Altwegg; Anderson	10.1111/j.1365-2435.2009.01563.x	2009
<i>Bonasa umbellus</i>	Phasianidae	Ruffed grouse	7	Tirpak; Giuliano; Miller; Allen; Bittner; Buehler; Edwards; Harper; Igo; Norman; Seamster; Stauffer	10.1016/j.biocon.2006.06.014	2006
<i>Bostrychia hagedash</i>	Threskiornithidae	Hageda ibis	1	Duckworth; Altwegg; Harebottle	10.1007/s10336-011-0758-2	2011

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<i>Calidris temminckii</i>	Scolopacidae	Baltic temminck's stint	2	Koivula; Pakanen; Rönkä; Belda	10.1111/j.0908-8857.2008.04189.x	2008
<i>Callospermophilus lateralis</i>	Sciuridae	Golden-mantled ground squirrel	1	Hostetler; Kneip; Van Vuren; Oli	10.1371/journal.pone.0034379	2012
<i>Calyptorhynchus lathami</i>	Psittacidae	Glossy Black Cockatoo	2	Harris; Fordham; Mooney; Pedler; Araújo; Paton; Stead; Watts; Akçakaya; Brook	10.1111/j.1365-2664.2012.02163.x	2012
<i>Cebus capucinus</i>	Cebidae	White faced capuchin monkey	1	Morris; Altmann; Brockman; Cords; Fedigan; Pusey; Stoinski; Bronikowski; Alberts; Strier	10.1086/657443	2011
<i>Cervus elaphus</i>	Cervidae	Elk	2	Hebblewhite; Merrill	10.1111/j.1600-0706.2011.19436.x	2011
<i>Chelodina expansa</i>	Chelidae	Broad-shelled turtle	2	Spencer; Thomson	10.1111/j.1523-1739.2005.00487.x	2005

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<i>Cryptophis nigrescens</i>	Elapidae	Common small-eyed snake	1	Webb; Brook; Shine	10.1046/j.1440-1703.2002.00463.x	2002
<i>Dasypus novemcinctus</i>	Dasypodidae	Nine-banded armadillo	3	Oli; Loughry; Caswell; Perez-Heydrich; McDonough; Truman	10.1016/j.ecolmodel.2017.02.001	2017
<i>Eidolon helvum</i>	Pteropodidae	Straw-colored fruit bat	1	Hayman; McCrea; Restif; Suu-Ire; Fooks; Wood; Cunningham; Rowcliffe	10.1017/S0950268812000167	2012
<i>Emydura macquarii</i>	Chelidae	Macquarie turtle	2	Spencer; Thomson	10.1111/j.1523-1739.2005.00487.x	2005
<i>Erythrocebus patas</i>	Cercopithecidae	Patas monkey	1	Isbell; Young; Jaffe; Carlson; Chancellor	10.1007/s10764-009-9332-7	2009
<i>Falco naumanni</i>	Falconidae	Lesser kestrel	1	Hiraldo; Negro; Donazar; Gaona	10.2307/2404688	1996
<i>Falco peregrinus</i>	Falconidae	Peregrine falcon	1	Altwegg; Jenkins; Abadi	10.1111/ibi.12125	2013
<i>Forpus passerinus</i>	Psittacidae	Green-rumped parrotlets	2	Sandercock; Beissinger	10.1080/02664760120108818	2002

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<i>Fulmarus glacialis</i>	Procellariidae	Northern fulmar	1	Kerbiriou; Le Viol; Bonnet; Robert	10.1007/s10144-012-0306-9	2012
<i>Gavia immer</i>	Gaviidae	Great northern diver	2	Greear; Meyer; Cooley; Kuhn; Piper; Mitro; Vogel; Taylor; Kenow; Craig; Nacci	10.2193/2008-093	2010
<i>Giraffa camelopardalis</i>	Giraffidae	Giraffe	2	Strauss; Kilewo; Rentsch; Packer	10.1007/s10144-015-0499-9	2015
<i>Himantopus novaezelandiae</i>	Recurvirostridae	Black stilt	1	Cruz; Pech; Seddon; Cleland; Nelson; Sanders; Maloney	10.1016/j.biocon.2013.09.005	2013
<i>Hoplocephalus bungaroides</i>	Elapidae	Broad-headed snake	1	Webb; Brook; Shine	10.1046/j.1440-1703.2002.00463.x	2002
<i>Lagopus leucura</i>	Phasianidae	White-tailed ptarmigan	2	Wilson; Martin	10.1186/1472-6785-12-9	2012
<i>Lagopus muta</i>	Phasianidae	Rock ptarmigan	2	Wilson; Martin	10.1186/1472-6785-12-9	2012

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<i>Malaclemys terrapin</i>	Emydidae	Diamondback terrapin	1	Crawford; Maerz; Nibbelink; Buhlmann; Norton	10.1111/1365-2664.12194	2013
<i>Odocoileus virginianus</i>	Cervidae	White-tailed deer	13	Chitwood; Lashley; Kilgo; Moorman; Deperno, Edmunds	10.1002/jwmg.835, NA	2015, 2013
<i>Onychogalea fraenata</i>	Macropodidae	Bridled nailtail wallaby	1	Fisher; Hoyle; Blomberg	10.2307/2641054	2000
<i>Ovis canadensis</i>	Bovidae	Bighorn sheep	9	Rubin; Boyce; Caswell-Chen, Coulson; Gaillard; Festa-Bianchet	10.2307/3803144, 10.1111/j.1365-2656.2005.00975.x	2002, 2005
<i>Panthera pardus</i>	Felidae	Leopard	1	Balme; Slotow; Hunter	10.1016/j.biocon.2009.06.020	2009
<i>Phrynosoma cornutum</i>	Phrynosomatidae	Texas horned lizard	2	Wolf; Hellgren; Schaubert; Bogosian III; Kazmaier; Ruthven III; Moody	10.1007/s10144-014-0450-5	2014
<i>Podocnemis expansa</i>	Podocnemididae	Arrau turtle	1	Mogollones; Rodríguez; Hernández; Barreto	10.2744/CCB-0778.1	2010

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<i>Propithecus edwardsi</i>	Indriidae	Milne-Edwards' sifaka	2	Dunham; Erhart; Overdorff; Wright	10.1016/j.biocon.2007.10.006	2008
<i>Sceloporus arenicolus</i>	Phrynosomatidae	Dunes sagebrush lizard	7	Ryberg; Hill; Painter; Fitzgerald	10.1111/cobi.12429	2014
<i>Sceloporus grammicus</i>	Phrynosomatidae	Mesquite lizard	9	Pérez-Mendoza, Zuniga-Vega; Mendez-dela Cruz; Cuellar	10.1655/HERPETOLOGICA-D-12-00038R2, 10.1139/Z08-124	2013, 2008
<i>Setophaga cerulea</i>	Parulidae	Cerulean warbler	1	Jones; Barg; Sillett; Veit; Robertson	10.1642/0004-8038(2004)121[0015:MEOSAP]2.0.CO;2	2004
<i>Sterna hirundo</i>	Laridae	Common tern	2	Szostek	10.1007/s10336-011-0745-7	2011
<i>Tamiasciurus hudsonicus</i>	Sciuridae	American red squirrel	1	McAdam; Boutin; Sykes; Humphries	10.2980/1195-6860(2007)14[362:LHOFRS]2.0.CO;2	2007
<i>Turdus torquatus</i>	Turdidae	Ring ouzel	3	Sim; Rebecca; Ludwig; Grant; Reid	10.1111/j.1365-2656.2010.01750.x	2011
<i>Urocyon littoralis</i>	Canidae	Island fox	2	Hudgens; Garcelon	10.1007/s00442-010-1761-7	2011

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<i>Ursus americanus</i>	Ursidae	American black bear	3	Lewis; Breck; Wilson; Webb, Hebblewhite; Percy; Serrouya	10.1016/j.ecolmodel.2014.08.021, 10.1016/S0006-3207(02)00341-5	2014, 2003
<i>Vipera aspis</i>	Viperidae	Asp viper	1	Altwegg; Dummermuth; Anholt; Flatt	10.1111/j.0030-1299.2001.13723.x	2005