Table S1. List of studies collected reporting species' mean, median, and maximum dispersal distance (Km), sample, and study type. m = males; f = females; mf = sample not differentiated per sex; D = natural dispersal; H = homing study; P = post release dispersal. * = home range area used in the analysis was taken from congeneric species of similar body size in PanTHERIA database (Jones et al. 2009); ** Dispersal distance were deducted from figures.

Family	Species	Mean	Median	Maximum	n	Type	Source
Didelphidae	Didelphis virginiana	2.621 mf	2.27 mf	5.152 m 4.3 f	10 mf	D	(VanDruff 1969)
Didelphidae	Didelphis virginiana			5.91 m 3.78 f	4 m 9 f	D	(Gillette 1980)
Macropodidae	Macropus rufus			323 f	1 m 15 f	D	(Priddel, Wellard & Shepherd 1988)
Phalangeridae	Macropus fuliginosus			85 m	2 m 7 f	D	(Priddel, Wellard & Shepherd 1988)
Phalangeridae	Trichosurus vulpecula	5.33 m 6.17 f	4.5 mf 5 m 4 f	11.5 m	9 m 3 f	D	(Cowan *et al.* 1996)
Phalangeridae	Trichosurus vulpecula	5.61 m 3.25	4.8 mf 5.45 m 3.25	12.8 m 4.3 f	13 m 2 f	D	(Cowan *et al.* 1997)
Phalangeridae	Trichosurus vulpecula		3.5 m	10 m 5 f	12 m 1 f	D	(Clout & Efford 1984)
Potoridae	Bettongia lesueur	4.6 m 1.1 f		6.2 m 2.5 f	10 m 12 f	D	(Parsons, Short & Calver 2002)
Dasyuridae	Sarcophilus harrisii	20.27 m 42.03 f		109.3 mf	8 m 7 f	D	(Lachish *et al.* 2011)
Dasyuridae	Phascogale calura	0.142 m 0.05 f		0.8 m	54 m 216 f	D	(Bradley 1997)
Dasyuridae	Phascogale tapotafa	4.73 m 0.64 f		6.8 m 1.7 f	22 m 35 f	D	(Soderquist & Lill 1995)
Dasyuridae	Antechinus minimus	0.041 m 0.041 f				D	(Sale, Kraaijeveld-Smit & Arnould 2009)
Dasyuridae	Sminthopsis youngsoni	4.7 m		5.7 m 3 f	3 m 1 f	D	(Letnic 2002)
Ursidae	Ursus americanus			200 m 15 f	8 m 1 f	D	(Elowe & Dodge 1989)
Ursidae	Ursus americanus			500 m		D	(Stratman *et al.* 2001)
Ursidae	Ursus americanus			99 mf		H	(Rutherglen & Herbison 1977)
Ursidae	Ursus americanus			418 mf		H	(Rogers 1974)
Ursidae	Ursus americanus			179 mf		H	(Payne 1975)
Ursidae	Ursus americanus	61 m 7.33 f	49 m 8 f	219 m 11 f	18 m 3 f	D	(Rogers 1987b)
Ursidae	Ursus americanus	75 m	60 m	224 m	19 m	D	(Rogers 1987a)

Family	Species	Mean	Median	Maximum	n	Type	Source
Ursidae	Ursus arctos	29.9 m 9.8 f		67 m 20 f	18 m 12 f	H	(McLellan & Hovey 2001)
Ursidae	Ursus arctos			258 mf		D	(Miller & Ballard 1982)
Ursidae	Ursus arctos			134 m 82 f	35 m 26 f	D	(Glenn & Miller 1980)
Ursidae	Ursus arctos	118.9 m 28.4 f		467 m 90 f	36 m 18 f	D	(Støen *et al.* 2006)
Ursidae	Ursus arctos			112.65 f	1 f	H	(Pearson 1972)
Ursidae	Ursus maritimus	53 m 93 f	64 m 89 f		39 m 43 f	D	(Zeyl *et al.* 2009)
Ursidae	Ursus maritimus			480 mf		H	(Stirling 1977)
Ursidae	Ailuropoda melanoleuca			34 f	2 f	D	(Pan et al. in Zhan *et al.* 2007)
Procyonidae	Procyon lotor			23.5 m	1 m	D	(Fritzell 1978)
Procyonidae	Procyon lotor			19.31 m	2 m 1 f	D	(Ellis 1964)
Procyonidae	Procyon lotor			4.828 m	1 m	D	(Urban 1970)
Procyonidae	Procyon lotor	18.91 m 13.28 f		43.452 m 25.75 f	9 m 5 f	D	(Stuewer 1943)
Procyonidae	Procyon lotor			34 mf	23 mf	D	(Clark *et al.* 1989)
Procyonidae	Procyon lotor			29.5 mf		H	(Tabatabai & Kennedy 1989)
Procyonidae	Procyon lotor	0.4 mf			91 mf	D	(Butterfield 1944)
Procyonidae	Procyon lotor			254 mf		D	(Lynch 1967)
Procyonidae	Procyon lotor			265.5 mf		D	(Priewert 1961)
Mustelidae	Martes americana	6 m 6 f		91 m 96 f	44 m 48 f	D	(Johnson *et al.* 2009)
Mustelidae	Martes americana	18 m 4 f		214 m 181 f	63 m 48 f	D	(Johnson *et al.* 2009)
Mustelidae	Martes americana	5.11 mf	1.77 mf	50 mf	38 mf	D	(Broquet *et al.* 2006)
Mustelidae	Martes americana	5.14 mf	1.72 mf	42.5 mf	37 mf	D	(Broquet *et al.* 2006)
Mustelidae	Martes americana			158 mf		H	(Slough 1989)
Mustelidae	Martes americana			82 mf	15 mf	D	(Lofroth 1993)
Mustelidae	Martes pennanti	8.1 m 8.81 f	6.8 mf 8.1 m 6.4 f	10.3 m 20.1 f	2 m 8 f	D	(Matthews *et al.* 2009)
Mustelidae	Martes pennanti	34 m		42 m	2 m	D	(Jones 1991)

Family	Species	Mean	Median	Maximum	n	Type	Source
Mustelidae	Martes pennanti			55.3 m 16.9 f	1 m 1 f	D	(Aubry *et al.* 2005)
Mustelidae	Martes pennanti	25 m 37 f		60 m 107 f	10 m 19 f	D	(York 1996)
Mustelidae	Martes pennanti	20.2 mf		41.3 mf	1 m 2 f	D	(Weir, Corbould & Apps 2006)
Mustelidae	Martes pennanti			45 mf		D	(Hamilton, Cook & Hamilton 1955)
Mustelidae	Martes pennanti			90 mf		D	(de Vos 1952)
Mustelidae	Martes pennanti			163 mf		H	(Roy 1991)
Mustelidae	Martes pennanti	17.3 m 14.92 f	16.1 mf 17.7 m 15.1 f	23 m 22.6 f	8 m 5 f	D	(Arthur, Paragi & Krohn 1993)
Mustelidae	Mustela putorius furo	2.6 m 2.5 f	1.2 mf	9.5 m 21.7 f	22 mf	D	(Caley & Morriss 2001)
Mustelidae	Mustela putorius furo		5 mf	45 mf	29 mf	D	(Byrom 2002)
Mustelidae	Mustela nigripes			17.1 mf		H	(Miller, Reading & Forrest 1996)
Mustelidae	Mustela erminea			5.5 m 1 f	10 m 12 f	D	(Erlinge 1977)
Mustelidae	Neovison vison			45.1 m 45 f	6 m 2 f	D	(Mitchell 1961)
Mustelidae	Lutra lutra	13 m	13.5 m	17 m	4 m	D	(Quaglietta 2011)
Mustelidae	Lutra lutra			68 m	1 m	D	(Jenkins 1980)
Mustelidae	Lontra canadensis			42 m	39 mf	D	(Melquist & Hornocker 1983)
Mustelidae	Gulo gulo	51 m 60 f		101 m 178 f	11 m 9 f	D	(Vangen *et al.* 2001)
Mustelidae	Gulo gulo			378 mf		D	(Gardner, Ballard & Jessup 1986)
Mustelidae	Gulo gulo			300 mf		D	(Magoun 1985)
Mustelidae	Gulo gulo			505 m 486 f		D	(Flagstad et al. 2008)
Mustelidae	Taxidea taxus	26.1 m 20.27 f			7 m 9 f	D	(Kinley & Newhouse 2008)
Mustelidae	Taxidea taxus		12 mf			D	(Waser 1996)
Mustelidae	Taxidea taxus			110 m 52 f	1 m 1 f	D	(Messick & Hornocker 1981)
Mustelidae	Meles meles		0.4 m 0.414 f		51 mf	D	(Macdonald *et al.* 2008)
Mustelidae	Meles meles	4.23 m 4.4 f		8.3 m 7.8 f	8 m 5 f	D	(Cheeseman *et al.* 1988)
Mustelidae	Mephitis mephitis	6.8 m 11.7 f	5.9 m 9.75 f	10.1 m 21.7 f	7 m 4 f	D	(Bjorge, Gunson & Samuel 1981)

Family	Species	Mean	Median	Maximum	n	Type	Source
Herpestidae	Helogale parvula		0.5 m 1 f	1.8 m 5 f	43 m 22 f	D	(Rood 1987)
Canidae	Lycaon pictus		40.7 m 19 f	169 m 65.3 f	8 m 14 f	D	(McNutt 1996)
Canidae	Lycaon pictus			250 m	2 m 2 f	D	(Fuller *et al.* 1992)
Canidae	Canis mesomelas	24.1 m 10.5 f		126 mf	14 m 7 f	D	(Ferguson, Nel & Wet 1983)
Canidae	Canis mesomelas	2.8 mf			3 m 2 f	D	(Loveridge & Macdonald 2001)
Canidae	Canis adustus	4.6 mf		20 mf	2 m 3 f	D	(Loveridge & Macdonald 2001)
Canidae	Canis latrans	113 m 94 f	65.5 mf 61 m 90 f	308 m 342 f	11 m 9 f	D	(Harrison 1992)
Canidae	Canis latrans	43 m 14.4 f	39.2 m 18.1 f	57 m 25.2 f	3 m 3 f	D	(Woodruff & Keller 1982)
Canidae	Canis latrans	31.5 mf	31.5 mf	40 f	1 m 1 f	D	(O'Donoghue *et al.* 1997)
Canidae	Canis latrans			48 mf		H	(Danner & Fisher 1977)
Canidae	Canis latrans			176.0 m 232.2 f	125 mf	D	(Andrews & Bekoff 1978)
Canidae	Canis latrans	18.67 m 40.7 f	16.8 mf 16.6 m 42.2 f	64 m 94.1 f	7 m 5 f	D	(Bowen 1982)
Canidae	Canis latrans	40.87 mf	25.74 mf		89 mf	D	(Robinson & Grand 1958)
Canidae	Canis latrans	15.12 mf	6.43 mf		212 mf	D	(Robinson & Grand 1958)
Canidae	Canis lupus		99 mf 109 m 99 f	445 m 390 f	20 mf	D	(Kojola *et al.* 2006)
Canidae	Canis lupus			262 m 555 f	2 m 1 f	D	(Mech, Fritts & Wagner 1995)
Canidae	Canis lupus			390 m 138 f	1 m 4 f	D	(Fritts & Mech 1981)
Canidae	Canis lupus			670 m	1 m	D	(Van Camp & Gluckie 1979)
Canidae	Canis lupus			886 m	1 m	D	(Fritts 1983)
Canidae	Canis lupus			840 f		D	(Boyd *et al.* 1995)
Canidae	Canis lupus			282 mf		H	(Henshaw & Stephenson 1974)
Canidae	Canis lupus			302 mf		H	(Fritts, Paul & Mech 1984)
Canidae	Canis lupus			186.8 m	1 m	D	(Ciucci *et al.* 2009)
Canidae	Canis lupus	183.4 m 58 f	98 mf 146 m 58 f	432 m 79 f	5 m 2 f	D	(Berg & Kuehn 1982)
Canidae	*Canis lupus*			180 m	1 m	D	(Peterson, Woolington & Bailey 1984)

Family	Species	Mean	Median	Maximum	n	Type	Source
Canidae	*Canis lupus*	84 m 114 f		732 mf	28 m 10 f	D	(Ballard, Whitman & Gardner 1987)
Canidae	*Canis lupus*	88 m 65 f	43 mf 49 m 37 f	354 m	39 m 36 f	D	(Gese & Mech 1991)
Canidae	*Canis lupus*			1092 f	1 f	D	(Wabakken *et al.* 2007)
Canidae	*Canis rufus*	35.9 mf		140 mf	79 mf	D	(Karlin & Chadwick 2012)
Canidae	*Alopex lagopus*			220 mf	16 mf	D	(Angerbjörn, Hersteinsson & Tannerfeldt 2004)
Canidae	*Alopex lagopus*			840 f		D	(Wrigley & Hatch 1976)
Canidae	*Alopex lagopus*			960 mf		H	(Macpherson 1968)
Canidae	*Alopex lagopus*			1000 mf		D	(Underwood in Wrigley & Hatch 1976)
Canidae	*Alopex lagopus*			2000 mf		D	(Belyaev in Wrigley & Hatch 1976)
Canidae	*Alopex lagopus*			945 mf	7 mf	D	(Eberhardt & Hanson 1978)
Canidae	*Alopex lagopus semenovi*	4.7 m 1.8 f				D	(Goltsman et al. in Goltsman *et al.* 2005)
Canidae	*Vulpes mactrotis*	11.1 mf		31.5 mf	47 mf	D	(O'Farrell 1984)
Canidae	*Vulpes mactrotis*			32 f	1 f	D	(Egoscue 1956)
Canidae	*Vulpes velox*		19.2 mf	190 mf	31 mf	D	(Carbyn *et al.* 1994)
Canidae	*Vulpes velox*			67.8 mf		D	(Nicholson *et al.* 2007)
Canidae	*Vulpes vulpes*			56.35 mf		H	(Phillips & Mech 1970)
Canidae	*Vulpes vulpes*			110 m 140 f	113 m 89 f	D	(Jensen 1973)
Canidae	*Vulpes vulpes*			153 m 302 f	238 m 117 f	D	(Allen & Sargeant 1993)
Canidae	*Vulpes vulpes*			394.29 m	1 m	D	(Ables 1965)
Canidae	*Vulpes vulpes*	31 m 11 f	22 m 3 f	346 m 256 f	351 m 250 f	D	(Storm *et al.* 1976)
Canidae	*Vulpes vulpes*	29.61 m 9.97 f	16.25 m 3.54 f	162.86 m 83.84 f	171 m 124 f	D	(Phillips *et al.* 1972)

Family	Species	Mean	Median	Maximum	n	Type	Source
Canidae	*Urocyon littoralis*	1.39 mf		4 mf		D	(Tullar & Berchielli 1982)
Canidae	*Urocyon cinereoargenteus*	15 m	16 m	24 m	3 m	D	(Nicholson, Hill & Briggs 1985)
Canidae	*Urocyon cinereoargenteus*	50.1 f	50.1 f	83.6 f	2 f	D	(Sheldon 1953)
Canidae	*Urocyon cinereoargenteus*	3.35 f	0.804 f	8.851 f	3 f	D	(Sullivan 1956)
Canidae	*Nyctereutes procyonoides*	13.5 mf			59 mf	D	(Drygala *et al.* 2010)
Canidae	*Nyctereutes procyonoides*	67.57 m 5.4 f	87 m 4.7 f	108 m 10 f	7 m 3 f	D	(Sutor 2008)
Felidae	*Panthera pardus*			540 mf	1 mf	H	(Jewell in Nowell & Jackson 1996)
Felidae	*Panthera pardus*		9.5 m	10 m	3 m	D	(Sunquist 1983)
Felidae	*Panthera tigris*		38.25 m 11.8 f	71 m 43.2 f		D	(Smith 1993)
Felidae	*Panthera leo persica*	21.5 m	22.75 m	29 m	4 m	D	(Meena 2008)
Felidae	*Panthera leo*			120 m 30 f	2 m 2 f	D	(Pusey & Packer 1987)
Felidae	*Panthera leo*			29 mf		D	(Funston *et al.* 2003)
Felidae	*Acinonyx jubatus*			20 m	2 m	D	(Frame 1984)
Felidae	*Puma concolor*			118 m 120 f	6 mf	D	(Hemker, FG & BB 1984)
Felidae	*Puma concolor*	62 m 67.4 f			25 m 24 f	D	(Newby 1999)
Felidae	*Puma concolor*	116.1 m 34.59 f		214.9 m 78.5 f	13 m 9 f	D	(Sweanor, Logan & Hornocker 2000)
Felidae	*Puma concolor*	123 m 56.5 f		241 m 66 f	5 m 2 f	D	(Lindzey *et al.* 1994)
Felidae	*Puma concolor*	63 m		89 m	6 m	D	(Beier 1995)
Felidae	*Puma concolor*	85 mf				D	(Anderson, Bowden & Kattner 1992)
Felidae	*Puma concolor*	58.7 m		100 m		D	(Maehr, Land & Roof 1999)
Felidae	*Puma concolor*	274.7 m 48 f		1067 m 98.6 f	14 m 10 f	D	(Thompson & Jenks 2010)
Felidae	*Puma concolor*	68.4 m 20.3 f		224.1 m	18 m 9 f	D	(Maehr *et al.* 2002)
Felidae	*Puma concolor*			494 mf		H	(Ruth *et al.* 1998)
Felidae	*Puma concolor*	175.67 m 11.5 f	60 mf 193 m 11.5 f	274 m 14 f	3 m 2 f	D	(Logan, Irwin & Skinner 1986)
Felidae	*Puma concolor*	86.8 mf		155 mf	13 mf	D	(Ross & Jalkotzy 1992)

Family	Species	Mean	Median	Maximum	n	Type	Source
Felidae	*Puma concolor*			167 mf	1 m	D	(Elbroch *et al.* 2009)
Felidae	*Leopardus pardalis*			15 mf		D	(Laack 1991)
Felidae	*Lynx pardinus*	19.59 m 14.5 f		37 m 38 f	7 m 6 f	D	(Ferreras *et al.* 2004)
Felidae	*Lynx lynx* **	63.1 mf		96 m 82 f	3 m 4 f	D	(Zimmermann, Breitenmoser-Würsten & Breitenmoser 2005)
Felidae	*Lynx lynx* **	25.9 mf		57 m 35 f	7 m 5 f	D	(Zimmermann, Breitenmoser-Würsten & Breitenmoser 2005)
Felidae	*Lynx canadensis*	140 m 190 f	88 mf 74 m 112 f	930 m 900 f	22 m 18 f	D	(Poole 1997)
Felidae	*Lynx canadensis*			700 mf	3 mf	D	(Ward & Krebs 1985)
Felidae	*Lynx canadensis*			1100 mf	43 m 41 f	D	(Slough & Mowat 1996)
Felidae	*Lynx canadensis*			483 f	1 f	D	(Mech 1977)
Felidae	*Lynx rufus*	22.1 f		56 f	10 f	D	(Knick 1990)
Felidae	*Lynx rufus*	330.71m 158 f	272 mf 300m 130 f	830 m	7 m 3 f	D	(O'Donoghue *et al.* 1997)
Felidae	*Lynx rufus*	6.59 mf	3.21 mf	37.01 m 30.57 f	48 mf	D	(Robinson & Grand 1958)
Felidae	*Lynx rufus*	110 mf	95.5 mf	288 m 25 f	12 m 1 f	D	(Johnson, Walker & Hudson 2010)
Felidae	*Lynx rufus*			182 m		D	(Knick & Bailey 1986)
Dasypodidae	*Dasypus novemcinctus*			37 mf		H	(Chamberlain 1980)
Dasypodidae	*Dasypus novemcinctus*			1.89 mf	3 mf	D	(Layne & Glover 1977)
Erinaceidae	*Erinaceus europaeus*			3.78 f	29 mf	H	(Doncaster, Rondinini & Johnson 2001)
Soricidae	*Blarina brevicauda*			0.173 f	2 f	D	(Fitch 1958)
Soricidae	*Sorex araneus* **			2 mf		D	(Tegelstrom & Hansson 1987)
Talpidae	*Scapanus townsendii*	0.166 m 0.181 f		0.721 m 0.856 f		H	(Giger 1973)
Castoridae	*Castor canadensis*	14.693 mf	4.828 mf	49.889 m	18 mf	D	(Beer 1955)
Castoridae	*Castor canadensis*	8.36 m 10.94 f	9.66 mf 7.24 m 11.26 f	18.18 m 15.29 f	14 m 5 f	D	(Leege 1968)
Castoridae	*Castor canadensis*	3.03 m 4.02 f	1.63 mf 1.60 m 2.01 f	14.16 m 20.93 f	11 m 9 f	D	(McNew & Woolf 2005)

Family	Species	Mean	Median	Maximum	n	Type	Source
Castoridae	*Castor canadensis*		1.99 m 6.06 f	16.56 m 31.68 f	26 m 18 f	D	(Sun, Müller-Schwarze & Schulte 2000)
Castoridae	*Castor fiber* *			170 mf		D	(Nolet & Rosell 1998)
Spalacidae	*Spalax ehrenbergi*			0.3 mf		D	(Rado, Wollberg & Terkel 1992)
Hydrochaeridae	*Hydrochaeris hydrochaeris*		3.37 mf 4.02 m 3.5 f	5.6 m	10 m 9 f	D	(Herrera 1992)
Erethizontidae	*Erethizon dorsatum*	4.99 m 3.75 f	2.8 mf 5.79 m 2.41 f	6.44 m 6.76 f	3 f	D	(Roze 1989)
Sciuridae	*Cynomys leucurus*			0.402 m	1 m	D	(Tileston & Lechleitner 1966)
Sciuridae	*Cynomys leucurus*			2.7 mf		D	(Clark, Hoffmann & Nadler 1971)
Sciuridae	*Cynomys ludovicianus*	0.19 m	0.228 m	0.274 m	3 m	D	(Tileston & Lechleitner 1966)
Sciuridae	*Cynomys ludovicianus*	2.4 mf		6.7 mf		D	(Garrett & Franklin 1988)
Sciuridae	*Glaucomys volans volans*			1.6 mf		H	(McCabe 1947)
Sciuridae	*Pteromys volans*	1.77 m 2.53 f		8.58 m 8.72 f	29 m 36 f	D	(Hanski & Selonen 2009)
Sciuridae	*Pteromys volans*			4.96 mf	49 mf	D	(Selonen & Hanski 2004)
Sciuridae	*Marmota caudata aurea*	0.26 mf		0.95 mf	26 m 6 f	D	(Blumstein & Arnold 1998)
Sciuridae	*Marmota flaviventris*			4 mf		D	(Svendsen 1974)
Sciuridae	*Marmota flaviventris*		1.5 m 0.4 f	15.5 m 6.4 f		D	(Van Vuren 1990)
Sciuridae	*Marmota flaviventris*			4 m	1 m	D	(Armitage 1974)
Sciuridae	*Marmota monax*			0.685 m 0.768 f	32 m 30 f	D	(Swihart 1992)
Sciuridae	*Ammospermophilus leucurus*			0.505 m 0.321 f	65 m 83 f	D	(Allred & Beck 1963)
Sciuridae	*Spermophilus franklinii*	1.35 m 0.92 f	0.45 mf 0.57 0.26 f	3.632 m 1.5 f	6 m 7 f	D	(Martin & Heske 2005)
Sciuridae	*Spermophilus columbianus*		2 m 1.8 f	8.5 mf		D	(Wiggett & Boag 1989)
Sciuridae	*Spermophilus columbianus*			0.98 mf		D	(Hackett 1987)
Sciuridae	*Spermophilus parryii plesius*		0.241 m 0.06 f	3.82 mf	70 m 102 f	D	(Byrom & Krebs 1999)
Sciuridae	*Spermophilus variegatus*			3.9 mf		D	(Ortega 1988)
Sciuridae	*Spermophilus townsendii* *	0.515 mf		1.076 mf	15 m 1f	D	(Olson & Van Horne 1998)
Sciuridae	*Spermophilus richardsonii*			9.6 mf		D	(Quanstrom 1971)

Family	Species	Mean	Median	Maximum	n	Type	Source
Sciuridae	*Spermophilus richardsonii*			0.975 m 0.525 f	26 m 60 f	D	(Michener & Michener 1977)
Sciuridae	*Spermophilus beecheyi*			1.188 mf	427 mf	D	(Evans & Holdenried 1943)
Sciuridae	*Spermophilus beldingi*	0.328 m 0.406 f			25m 2f	D	(Holekamp 1984)
Sciuridae	*Spermophilus beldingi*	0.272 m 0.259 f			68 m 12 f	D	(Holekamp 1986)
Sciuridae	*Spermophilus mohavensis*	1.536 m 0.505 f	1.256 m 0.213 f	6.23 m 3.862 f	15 m 21 f	D	(Harris, Leitner & Edwards 2005)
Sciuridae	*Spermophilus tridecemliniatus*	0.083 m 0.053 f		0.249 m 0.144	45 m 46 f	D	(Rongstad 1965)
Sciuridae	*Sciurus carolinensis*			4.49 mf		H	(Hungerford & Wilder 1941)
Sciuridae	*Sciurus carolinensis*			100 mf		D	(Sharp 1959 in Koprowski 1994)
Sciuridae	*Sciurus niger*	0.58 m 0.622 f	0.60 mf 0.556 m 0.567 f	0.868 m 1.036 f	2 mf	D	(Fitch 1958)
Sciuridae	*Sciurus vulgaris*	0.255 m 0.293 f		0.73 mf	21 m 22 f	D	(Wauters & Dhondt 1993)
Sciuridae	*Sciurus vulgaris*	0.935 m 1.104 f	0.678 mf	4.118 mf	32 m 28 f	D	(Wauters et al. 2010)
Sciuridae	*Tamias sibiricus*	0.168 m 0.083 f		0.527 m 0.933 f	39 m 66 f	D	(Marmet, Pisanu & Chapuis 2011)
Sciuridae	*Tamias amoenus*			1.6 mf		H	(Broadbooks 1970)
Sciuridae	*Tamias striatus listeri*	0.33 mf 0.342 m	0.274 mf 0.274 m	0.64 m 0.205 f	7 m 1 f	D	(Burt 1940)
Sciuridae	*Tamias striatus listeri*			0.64 mf		H	(Layne 1957)
Sciuridae	*Tamias striatus*	0.213 m 0.028 f		0.475 m 0.073 f	19 m 37 f	D	(da Silva, Mahan & da Silva 2002)
Sciuridae	*Tamias striatus*			0.55 mf		H	(Seidel 1961)
Sciuridae	*Tamiasciurus hudsonicus*	0.107 m 0.085 f	0.06 mf	0.6 mf	94 m 95 f	D	(Berteaux & Boutin 2000)
Sciuridae	*Tamiasciurus hudsonicus loquax*			0.7 mf		H	(Layne 1954)
Sciuridae	*Tamiasciurus hudsonicus*			1.61 mf		H	(Hamilton 1939)
Sciuridae	*Tamiasciurus hudsonicus*	0.09		0.92	230 mf	D	(Larsen & Boutin 1994)
Sciuridae	*Tamiasciurus hudsonicus*		0.315 mf	0.260 m 0.6 f	2 m 2 f	D	(Sun 1997)
Gliridae	*Muscardinus avellanarius*	0.215 mf		1.2 mf	174 mf	D	(Juskaitis 1997)
Gliridae	*Muscardinus avellanarius*			3.3 mf		D	(Schulze in Juškaitis 2008)
Gliridae	*Muscardinus avellanarius*	0.375 m 0.598 f	0.5 mf 0.375 m 0.625 f	0.4 m 0.84 f	2 m 4 f	D	(Büchner 2008)

Family	Species	Mean	Median	Maximum	n	Type	Source
Geomyidae	*Thomomys talpoides*			0.79 mf		H	(Vaughan 1963)
Geomyidae	*Thomomys talpoides*			0.7 mf		D	(Daly & Patton in Lidicker Jr & Patton 1987)
Geomyidae	*Thomomys talpoides*			0.3 mf	10 m 14 f	D	(Daly & Patton 1990)
Heteromyidae	*Chaetodipus formosus* *			0.195 m 0.091 f	28 m 18 f	D	(Allred & Beck 1963)
Heteromyidae	*Dipodomys merriami*	0.054 m 0.044 f		0.385 m 0.275 f	443 m 339 f	D	(Zeng & Brown 1987)
Heteromyidae	*Dipodomys merriami*			1.1265 m 2.929 f	156 m 173 f	D	(Allred & Beck 1963)
Heteromyidae	*Dipodomys merriami*		0.061 m 0.05 f	0.265 m 0.158 f	16 m 16 f	D	(Jones 1989)
Heteromyidae	*Dipodomys microps*			0.411 m 0.434 f	182 m 126 f	D	(Allred & Beck 1963)
Heteromyidae	*Dipodomys spectabilis*			0.86 mf	159 m 172 f	D	(Waser & Elliott 1991)
Heteromyidae	*Dipodomys stephensi*	0.04 m 0.035 f	0.026 mf 0.03 m 0.023 f	0.323 m 0.351 f	13 m 18f	D	(Price, Kelly & Goldingay 1994)
Heteromyidae	*Perognathus parvus*			0.4 mf		H	(Broadbooks 1961)
Heteromyidae	*Perognathus longimembris*			0.228 m 0.235 f	1 m 1 f	D	(Allred & Beck 1963)
Muridae	*Mus musculus*			1.5 mf	3 m 6 f	D	(Berry 1968)
Muridae	*Mus musculus*			0.112 m 0.085 f		D	(Navajas & Navarro et al. in Pocock, Hauffe & Searle 2005)
Muridae	*Notomys alexis*	1.3 m 1.1 f		2.7 m 1.1 f	5 m 2 f	D	(Letnic 2002)
Muridae	*Pseudomys hermannsburgensis* *	2.1 m		3.2 m	6 m	D	(Letnic 2002)
Muridae	*Apodemus sylvaticus hirtensis*			0.85 mf		H	(Boyd 1963)
Muridae	*Apodemus sylvaticus*			0.45 mf	26 mf	D	(Dickman & Doncaster 1989)
Dipodidae	*Napaeozapus insignis*		0.23 mf	0.607 mf	25 m 8 f	D	(Bowman, Forbes & Dilworth 2000)
Cricetidae	*Calomys musculinus*	0.015 mf 0.016 m 0.013 f			208 mf	D	(Sommaro *et al.* 2010)

Family	Species	Mean	Median	Maximum	n	Type	Source
Cricetidae	*Calomys venustus*	0.025 mf 0.03 m 0.02 f				D	(Priotto *et al.* 2004)
Cricetidae	*Reithrodontomys megalotis*			0.3 mf		H	(Fisler 1966)
Cricetidae	*Sigmodon hispidus*			1.5 mf		H	(DeBusk & Kennerly Jr 1975)
Cricetidae	*Neotoma cinerea*			2.2 m		D	(Escherich 1981)
Cricetidae	*Arvicola amphibius*	0.476 m 0.175 f	0.156 mf 0.332 m 0.131 f	1.8 m 0.356 f	7 m 8 f	P	(Fisher, Lambin & Yletyinen 2009)
Cricetidae	*Arvicola amphibius*			8 mf		D	(Aars et al. Aars *et al.* 2001)
Cricetidae	*Arvicola amphibius*	1.8 mf	1.03 m 0.93 f	5.2 m	127 m 72 f	D	(Telfer *et al.* 2003)
Cricetidae	*Arvicola amphibius*			2.6 mf		D	(Stoddart 1970)
Cricetidae	*Myodes gapperi*			0.6 mf		A	(Bovet 1980)
Cricetidae	*Myodes gapperi*		0.22 mf	0.49 mf	5 m 18 f	D	(Bowman, Forbes & Dilworth 2000)
Cricetidae	*Myodes rufocanus*	0.065 m 0.035 f			113 m 82 f	D	(Saitoh 1995)
Cricetidae	*Myodes rufocanus*			3 mf		D	(Oksanen *et al.* 1999)
Cricetidae	*Myodes glareolus*			0.45 mf	11 mf	D	(Dickman & Doncaster 1989)
Cricetidae	*Onychomys torridus*			0.329 m 0.325 f	4 m 7 f	D	(Allred & Beck 1963)
Cricetidae	*Microtus pinetorum scalopsoides*			0.274 m	1 m	D	(Burt 1940)
Cricetidae	*Microtus agrestis*	0.058 m 0.029 f		0.159 m 0.193 f	39 m 19 f	D	(Sandell *et al.* 1990)
Cricetidae	*Microtus arvalis*		0.049 f	0.537 f	36 f	D	(Boyce & Boyce 1988)
Cricetidae	*Microtus californicus*			0.14 mf	9 mf	D	(Lidicker in Lidicker Jr & Patton 1987)
Cricetidae	*Microtus californicus*			0.18 mf		H	(Fisler 1962)
Cricetidae	*Microtus ochrogaster*		0.023 m 0.018 f	0.136 m 0.127 f	79 m 78 f	D	(McGuire *et al.* 1993)
Cricetidae	*Microtus oeconomus*		0.75 m	1 m	5 m	D	(Steen 1994)
Cricetidae	*Microtus pennsylvanicus*			1.2 mf		H	(Ostfeld & Manson 1996)
Cricetidae	*Microtus townsendii*	0.0194 m 0.0124 f		0.054 m 0.047 f	54 m 210 f	D	(Lambin 1994)

Family	Species	Mean	Median	Maximum	n	Type	Source
Cricetidae	*Microtus xanthognathus*	0.38 m 0.3 f	0.3 mf 0.3 m 0.3 f	0.8 m 0.3 f	6 m 5 f	D	(Wolff & Lidicker Jr 1980)
Cricetidae	*Peromyscus leucopus*	0.228 m 0.247 f	0.137 mf 0.137 m 0.137 f	0.777 m 0.777 f	56 m 19 f	D	(Burt 1940)
Cricetidae	*Peromyscus leucopus*		0.085 m 0.025 f	0.183 m 0.129 f	35 m 41 f	D	(Jacquot & Vessey 1995)
Cricetidae	*Peromyscus leucopus*	0.109 m 0.088 f		0.282 f	22 m 9 f	D	(Keane 1990)
Cricetidae	*Peromyscus leucopus*	0.087 m 0.071 f	0.064 mf 0.064 m 0.067 f	0.138 m 0.121 f	3 m 4 f	D	(Glass *et al.* 1991)
Cricetidae	*Peromyscus leucopus*			0.21 mf		H	(Stickel 1949)
Cricetidae	*Peromyscus leucopus*			14.73 f		D	(Maier 2002)
Cricetidae	*Peromyscus polionotus leucocephalus*			0.6 mf		D	(Blair 1951)
Cricetidae	*Peromyscus polionotus niveiventris*			4.828 f		D	(Bard 1997)
Cricetidae	*Peromyscus polionotus niveiventris*			28 m	1 m	D	(Oddy *et al.* 1999)
Cricetidae	*Peromyscus polionotus ammobates*	0.175 m 0.14 f			60 mf	D	(Swilling Jr & Wooten 2002)
Cricetidae	*Peromyscus polionotus*			7.765 m	2 m	D	(Smith 1968)
Cricetidae	*Peromyscus polionotus*			0.194 mf		H	(Gentry 1964)
Cricetidae	*Peromyscus gossypinus*			0.64 mf		H	(Griffo Jr 1961)
Cricetidae	*Peromyscus californicus*		0.041 m 0.097 f	0.45 m 0.791 f	27 m 24 f	D	(Ribble 1992)
Cricetidae	*Peromyscus maniculatus*			3.22 mf		H	(Murie & Murie 1931)
Cricetidae	*Peromyscus maniculatus*		0.37 mf	1.768 m	15 m 29 f	D	(Bowman, Forbes & Dilworth 2000)
Cricetidae	*Peromyscus maniculatus*			1.32 m		D	(Rehmeier, Kaufman & Kaufman 2004)
Cricetidae	*Peromyscus maniculatus*			1.98 m		H	(Teferi & Millar 1993)
Cricetidae	*Peromyscus maniculatus*		0.05 m 0.15 f	0.883 m 1.005 f	71 m 64 f	D	(Dice, Howard & Biology 1951)

Family	Species	Mean	Median	Maximum	n	Type	Source
Cricetidae	*Peromyscus maniculatus bairdi*			1.22 mf		D	(Stickel 1968)
Cricetidae	*Ondatra zibethicus*			3.37 mf		D	(Fitch 1958)
Octodontidae	*Octodon degus* **			0.2 m 0.2 f	39 m 39 f	D	(Quirici *et al.* 2011)
Ochotonidae	*Ochotona collaris*	0.332 mf			35 mf	D	(Franken & Hik 2004)
Ochotonidae	*Ochotona princeps*			0.17 m 0.31 f		D	(Smith & Ivins 1983)
Ochotonidae	*Ochotona princeps*	0.09 mf		0.396 mf	15 mf	D	(Peacock & Smith 1997)
Leporidae	*Oryctolagus cuniculus*	0.535 mf			307 mf	D	(Parer 1982)
Leporidae	*Lepus americanus*			4.83 mf		H	(Keith & Waring 1956)
Leporidae	*Lepus americanus*	7.177 mf	3.37 mf	20.117 f	3 m 1 f	D	(O'Farrell 1965)
Leporidae	*Lepus europaeus*		1.096 mf 3.002 m 2.04 f	8.92 mf	30 mf	D	(Avril *et al.* 2011)
Leporidae	*Lepus europaeus*		2.057 mf 1.523 m 2.743 f	17.353 mf	42 m 45 f	D	(Bray *et al.* 2007)
Leporidae	*Lepus europaeus*			8.5 mf	132 mf	D	(Broekhuizen & Maaskamp 1982)
Leporidae	*Lepus europaeus*			9 mf	505 mf	H	(Broekhuizen & Maaskamp 1982)
Leporidae	*Lepus timidus*		3 mf	200 mf	99 mf	D	(Vuolanto, Myrberget, Hoglund in Angerbjörn & Flux 1995)
Leporidae	*Lepus timidus*			1.815 m		D	(Dahl & Willebrand 2005)
Leporidae	*Lepus californicus*			45.061 f	208 mf	D	(French, McBride & Detmer 1965)
Leporidae	*Lepus californicus*			1.61 mf		H	(Lechleitner 1958)
Leporidae	*Brachylagus idahoensis*		1 m 2.9 f	6.5 m 11.9 f		D	(Estes-Zumpf & Rachlow 2009)
Leporidae	*Brachylagus idahoensis*			2.5 mf		H	(Green & Flinders 1980)
Leporidae	*Brachylagus idahoensis*			3.5 m		D	(Katzner & Parker 1998)
Leporidae	*Sylvilagus bachmani ubericolor*			0.16 mf		H	(Chapman 1971)
Leporidae	*Sylvilagus bachmani*			25.75 mf	3 mf	D	(Hickie & Whitlock 1940)
Leporidae	*Sylvilagus bachmani*			3.86 mf	4 mf	D	(Dalke & Sime 1938)

Family	Species	Mean	Median	Maximum	n	Type	Source
Leporidae	*Sylvilagus bachmani*			1.609 mf	1 mf	D	(Allen 1939)
Leporidae	*Sylvilagus bachmani*			1.081 mf	10 mf	D	(Schwartz 1941)
Leporidae	*Sylvilagus bachmani*			0.352 mf	7 mf	D	(Shields 1960)
Leporidae	*Sylvilagus floridanus*			4.8 mf		H	(Bowers 1954)
Leporidae	*Sylvilagus floridanus*			7.65 mf		H	(Hoffmeister 1977)
Leporidae	*Sylvilagus floridanus*			19.32 mf		H	(Bowers 1954)
Elephantidae	*Loxodonta africana*			170 m	2 m	P	(Pinter-Wollman 2008)
Rhinocerotidae	*Ceratotherium simum*			257 mf	27 mf	P	(Støen, Pitlagano & Moe 2009)
Rhinocerotidae	*Ceratotherium simum*			7 f	6 m 2 f	D	(Shrader & Owen-Smith 2002)
Equidae	*Equus caballus*			24 m 8 f	31 m 32 f	D	(Berger 1987)
Antilocapridae	*Antilocapra americana*	54.21 m 26.35 f	15 mf 12.9 m 18.45 f	267 m 75.8 f	9 m 10 f	D	(Jacques & Jenks 2007)
Giraffidae	*Giraffa camelopardalis thornicrofti*	11.4 mf			8 mf	D	(Bercovitch & Berry 2010)
Bovidae	*Aepyceros melampus*	1.2 m		3.2 m	26 m	D	(Murray 1982)
Bovidae	*Syncerus caffer*		120 mf	133 mf	5 mf	D	(Halley *et al.* 2002)
Bovidae	*Capricornis crispus*		4 m			D	(Okumura et al. in Ochiai & Susaki 2007)
Bovidae	*Rupicapra rupicapra*	5.95 m 5.8 f	4.1 m 4 f	17 m 10.7 f	8 m 4 f	D	(Loison, Jullien & Menaut 1999)
Bovidae	*Rupicapra pyrenaica*	10.6 m 8.25 f	6 m 7 f	32 m 14 f	13 m 9 f	D	(Loison, Jullien & Menaut 1999)
Cervidae	*Capreolus capreolus*			40 m 3.8 f	14 m 21 f	D	(Wahlström & Liberg 1995)
Cervidae	*Capreolus capreolus*	2.12 mf		7.8 mf	69 m 77 f	D	(Gaillard *et al.* 2008)
Cervidae	*Odocoileus hemionus columbianus*	15.2 m 12.2 f		32 m 30 f	15 m 4 f	D	(Bunnell & Harestad 1983)
Cervidae	*Odocoileus hemionus columbianus*			112 mf	4 mf	D	(Hedlund 1975)
Cervidae	*Odocoileus hemionus columbianus*	8.577 m 4.425 f	4.828 mf 4.828 m 3.524 f	25.749 m 6.678 f	11 m 6 f	D	(Zwickel, Jones & Brent 1953)

Family	Species	Mean	Median	Maximum	n	Type	Source
Cervidae	*Odocoileus hemionus hemionus*	7.177 m 5.906 f		67.592 m 82.076 f	92 m 45 f	D	(Robinette 1966)
Cervidae	*Odocoileus virginianus*	18.5 m 19.5 f	10.55 mf 12.9 m 8.2 f	109.8 f	24 m 9 f	D	(Dusek *et al.* 1989)
Cervidae	*Odocoileus virginianus*			28 m	36 mf	D	(Tierson *et al.* 1985)
Cervidae	*Odocoileus virginianus*	6.4 mf			7 m 7 f	D	(Kilgo, Labisky & Fritzen 1996)
Cervidae	*Odocoileus virginianus*		8 m	9.6 m	7 m	D	(Nelson & Mech 1984)
Cervidae	*Odocoileus virginianus*			560 mf		H	(Hahn, Glazener in Rogers 1988)
Cervidae	*Odocoileus virginianus*			161 m	1 m	D	(Nixon 1994)
Cervidae	*Odocoileus virginianus*	4.25 m		7.3 m	22 m	D	(McCoy, Hewitt & Bryant 2005)
Cervidae	*Odocoileus virginianus*			212.6 mf		D	(Kernohan, Jenks & Naugle 1994)
Cervidae	*Odocoileus virginianus*	12 m		38.4 m 22 f	13 m 1 f	D	(Nelson & Mech 1987)
Cervidae	*Alces alces*			290 m		H	(Aho in Rogers 1988)
Cervidae	*Alces alces*			118 f	19 mf	D	(Pulliainen 1974)
Cervidae	*Alces alces*			6.5 m 4.9 f	5 m 4 f	D	(Cederlund & Sand 1992)
Cervidae	*Cervus elaphus*			20 m		D	(Red Deer Commission Report in Clutton-Brock, Guinness & Albon 1982)
Cervidae	*Cervus elaphus*			142 f		D	(Yott *et al.* 2011)
Cervidae	*Cervus elaphus*			18.5 mf	5 mf	D	(Brazda 1953)
Suidae	*Sus scrofa* **			59 m 32.5 f	60 m 44 f	D	(Truvé, Lemel & Söderberg 2004)
Tarsiidae	*Tarsius tarsier*		0.66 m 0.266 f	1.301 m 0.974 f	5 m 9 f	D	(Gursky 2010)
Cheirogaleidae	*Microcebus murinus*		0.251 m 0.063 f	1 m 0.321 f	26 m 43 f	D	(Radespiel *et al.* 2003)
Callitrichidae	*Leontopithecus chrysomelas*			4.5 mf		D	(Raboy, Oliveria in Zeigler *et al.* 2011)
Callitrichidae	*Leontopithecus rosalia*			1 m 1 f	1 m 1 f	D	(Grativol, Ballou & Fleischer 2001)
Atelidae	*Alouatta palliata*			2 m		H	(Jones 1982)
Atelidae	*Alouatta palliata*	1.3 f		3 f	5 f	D	(Glander 1992)

Family	Species	Mean	Median	Maximum	n	Type	Source
Atelidae	*Alouatta seniculus*			3.3 m 6 f	1 m 1 f	D	(Crockett 1985)
Atelidae	*Alouatta seniculus*	0.275 m 1.65 f			47 m 45 f	D	(Pope 1992)
Atelidae	*Alouatta pigra*			9 m	37 mf	P	(Koontz *et al.* 1994)
Aotidae	*Aotus azarai*		0.656 m 0.667 f	2.243 m 0.962 f	10 m 10 f	D	(Fernandez-Duque 2009)
Cercopithecidae	*Macaca fuscata*	7.75 m			4 mf	D	(Koganezawa in Agetsuma 2007)
Cercopithecidae	*Macaca fuscata*			25 m	1 m	D	(Nishida 1966)
Cercopithecidae	*Lophocebus albigena*			5.5 m		D	(Janmaat *et al.* 2009)
Hylobatidae	*Hylobates lar*	0.62 m		1 m 1.4 f	5 m 1 f	D	(Brockelman *et al.* 1998)