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Invited review

The accelerating influence of humans on mammalian macroecological patterns over the late Quaternary

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Abstract

The transition of hominins to a largely meat-based diet ~1.8 million years ago led to the exploitation of other mammals for food and resources. As hominins, particularly archaic and modern humans, became increasingly abundant and dispersed across the globe, a temporally and spatially transgressive extinction of large-bodied mammals followed; the degree of selectivity was unprecedented in the Cenozoic fossil record. Today, most remaining large-bodied mammal species are confined to Africa, where they coevolved with hominins. Here, using a comprehensive global dataset of mammal distribution, life history and ecology, we examine the consequences of “body size downgrading” of mammals over the late Quaternary on fundamental macroecological patterns. Specifically, we examine changes in species diversity, global and continental body size distributions, allometric scaling of

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geographic range size with body mass, and the scaling of maximum body size with area. Moreover, we project these patterns toward a potential future scenario in which all mammals currently listed as vulnerable on the IUCN's Red List are extirpated. Our analysis demonstrates that anthropogenic impact on earth systems predates the terminal Pleistocene and has grown as populations increased and humans have become more widespread. Moreover, owing to the disproportionate influence on ecosystem structure and function of megafauna, past and present body size downgrading has reshaped Earth's biosphere. Thus, macroecological studies based only on modern species yield distorted results, which are not representative of the patterns present for most of mammal evolution. Our review supports the concept of benchmarking the "Anthropocene" with the earliest activities of *Homo sapiens*.

Keywords: Anthropocene, Paleogeography, Body size downgrading, Size-selective extinction, Megafauna, Macroecology, Terminal Pleistocene megafauna extinction

1. Introduction

More than any other single species in Earth history, humans have shaped their environment. The growth and urbanization of the global human population over time has been fueled by resource extraction, which in turn has led to intense habitat alteration, species extinctions, and changes in climate and biogeochemical cycling (e.g., Vitousek et al., 1997; Decker et al., 2000; Myers and Knoll, 2001; Thomas et al., 2004; Barnosky, 2008; Burger et al., 2012; Smith et al., 2010a; Burnside et al., 2012; Braje and Erlandson, 2013; Dirzo et al., 2014; Boivin et al., 2016; Smith et al., 2016a). On average, a modern industrial human metabolizes more than 40 times the amount of energy used by a hunter-gatherer (Decker et al., 2000); per capita energy consumption in the USA is now equal to that of a 30,000 kg primate (Moses and Brown, 2003). Indeed, we are now in an ecological deficit (Burger et al., 2012), with annual anthropogenic demand for resources far exceeding what Earth can regenerate each year (<https://www.footprint-network.org/our-work/ecological-footprint/>). Thus, the evolution of the genus *Homo* was a watershed event in Earth history.

Around ~2 Ma ago, hominins transitioned from a mostly plant-based diet to one more dependent on meat, much of it provisioned from other mammals (Aiello and Wheeler, 1995; Foley, 2001; Aiello and Wells, 2002; Bunn, 2007; Antón et al., 2014; Zink and Lieberman, 2016). The adoption of fire may have occurred as early as half a million years after this dietary change (Wrangham et al., 1999; Wrangham, 2009; Berna et al., 2012; Gowlett, 2016) while the more sophisticated

and regular use of tools occurred even earlier (Roebroeks and Villa, 2011; Joordens et al., 2015; Shea, 2017). The morphology of species such as *Homo erectus* reflected their more diverse diet and increased consumption of animal products (Andrews and Martin, 1991; Milton, 1999; Watts, 2008; Antón et al., 2014); associated physiological traits included a reduction in tooth and gut size and increased body and brain size (McHenry, 1992; Aiello and Wheeler, 1995; Antón, 2003; Braun et al., 2010). How these early hominins obtained animal resources is still in debate (Domínguez-Rodrigo, 2002; Bunn, 2007), but it was likely through a combination of hunting and passive or active scavenging (Bunn et al., 1986; Blumenshine, 1995; Domínguez-Rodrigo and Barba, 2006; Luca et al., 2010; Antón et al., 2014). Some of the oldest uncontested evidence for these activities comes from Olduvai Gorge in Tanzania where *in situ* butchered mammals ranging from hedgehogs to elephants were found at several sites dating to ~1.8 Ma (Blumenshine and Pobiner, 2006; Domínguez-Rodrigo et al., 2007; Pante et al., 2017).

Later hominins developed even more successful hunting and scavenging technologies, allowing them to target large-bodied prey. The earliest clear evidence of spear points dates from ~500 ka, and more complex projectile weapons were employed by 71 ka (Brown et al., 2012; Wilkins et al., 2012). Paleolithic cave paintings depicting bison, horses, mammoth and reindeer, highlight the importance of these animals to early hunters (Whitley, 2009). Stable isotope analysis of some Neanderthals, for example, indicates that their bone collagen was heavily enriched in ^{15}N , indicative of a high degree of carnivory (Fizet et al., 1995; Richards et al., 2000; Bocherens et al., 2001; Sponheimer et al., 2007, 2013). Thus, in the late Quaternary, hominins had evolved to become wide-ranging generalist carnivores that preyed on a broad array of mammal species. Indeed, by the early to mid-Pleistocene, they may even have outcompeted other carnivores, resulting in a drastic decline in carnivore functional richness in African ecosystems (Werdelin and Lewis, 2013).

The migration of hominins out of Africa began ~2 million years ago with the expansion of *Homo erectus* into Eurasia (Stiner, 2002; Antón et al., 2014; Rightmire et al., 2017). By 1.5 Ma, hominins occupied a variety of habitats within the temperate and tropical zones, spanning some ~47 degrees of latitude (e.g., 40°N to 7°S; Antón et al., 2014). Anthropologists do not yet agree on the routes, exact timing

or number of initial migrations, but early members of our own species probably left Africa in pulses ca. 100 ka (Stringer and Andrews, 1988; Stringer, 2000; Walter et al., 2000; Carto et al., 2009; Groucutt et al., 2015, **Fig. 1**); an exodus likely driven and/or facilitated by changing environmental conditions (Antón, 2003; Carto et al., 2009; Larra-soaña et al., 2013; Jennings et al., 2015; Parton et al., 2015; Breeze et al., 2016; Timmermann and Friedrich, 2016; Tierney and Zander, 2017; Muttoni et al., 2018). Specifically, the migration of humans from Africa may have been tied to Heinrich events -climate episodes driven by the massive release of icebergs due to ice sheet instability and the subsequent addition of large volumes of freshwater to the North Atlantic (Carto et al., 2009). These episodes, coupled with increasing aridity and the onset of glaciation, likely contributed to abrupt changes in climate and vegetation and opened migration corridors (Carto et al., 2009; Tierney and Zander, 2017). Hominins may also have been following migrating prey into Eurasia (Carto et al., 2009; Muttoni et al., 2018). In any case, by ca. 80–100 ka, Eurasia housed several species of hominins, including Neanderthals, archaic humans, and the enigmatic Denisovans (Stringer, 2000; Walter et al., 2000; Carto et al.,

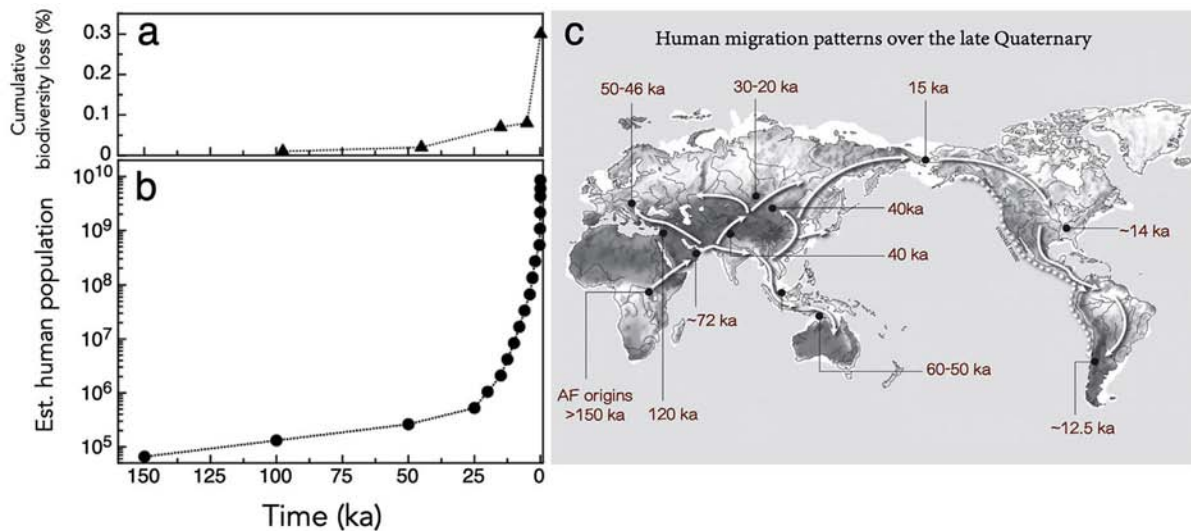


Fig. 1. Trends in extinction and human population growth over the late Quaternary. A) The cumulative loss of global mammal biodiversity over time. B) Estimated human population growth over time. C) Human migration patterns over the late Quaternary. Shown are approximate dates; panel modified after Oppenheimer (2012). Data for human population over time from Hern (1999); data for biodiversity loss from Smith et al. (2018).

2009; Krause et al., 2010). The expansion of *Homo sapiens* into Melanesia and Australia likely occurred around 50–60 ka, and the New World was colonized around 13–15 ka (Fig. 1; Dixon, 1999; Bowler et al., 2003; O’Connell and Allen, 2004; Goebel et al., 2008; Oppenheimer, 2012; Timmermann and Friedrich, 2016). Importantly, the migration of humans around the world was accompanied by rapid increases in population density (Carto et al., 2009; Timmermann and Friedrich, 2016, Fig. 1b).

Considerable work has focused on the pattern of extinction that followed the migration of humans into Australia and the New World, with much of it focused on the issue of causation (e.g., Martin, 1967, 1984, 2005; Barnosky et al., 2004; Lyons et al., 2004; Miller et al., 2005; Koch and Barnosky, 2006; Ripple and Van Valkenburgh, 2010; Barnosky et al., 2011; Zuo et al., 2013). Although still contentious, most scientists now agree that humans had a large contributing role to the terminal Pleistocene extinctions (Martin, 1967, 1984, 2005; Martin and Steadman, 1999; Roberts et al., 2001; Lyons et al., 2004; Miller et al., 2005; Koch and Barnosky, 2006; Haynes, 2009; Sandom et al., 2014); there is also consensus about the culpability of humans in Holocene extinctions (Burney and Flannery, 2005; Turvey, 2009; Turvey and Fritz, 2011), and in the ongoing biodiversity crisis and ecosystem degradation (Vitousek et al., 1997; Cardillo et al., 2005; Schipper et al., 2008; Barnosky et al., 2011; Estes et al., 2011; Dirzo et al., 2014; Ceballos et al., 2015; Ripple et al., 2015, 2016).

Moreover, there is a large and growing literature on modern and future human mediated influences on ecosystems, which makes clear the rapid expansion of our ecological footprint over recent time (e.g., Decker et al., 2000; Purvis et al., 2000; Balmford et al., 2004; Dirzo et al., 2014; Young et al., 2016; Ceballos et al., 2015; Ripple et al., 2015, 2016). However, we are just now beginning to appreciate the long *pre-historical* influence of hominins in general on ecological communities (Braje and Erlandson, 2013; Werdelin and Lewis, 2013; Lyons et al., 2016a; Malhi et al., 2016; Smith et al., 2016b, 2018; Bibi et al., 2017, Fig. 1a). These influences predate the terminal Pleistocene; middle to late-Pleistocene extinctions of large-mammal fauna in Africa, for example, may have been linked to a combination of hominin behavioral and climate changes (Bibi et al., 2017). Moreover, they follow the movement patterns of hominins, particularly humans, across the globe (Smith et al., 2018). Indeed, the extra mortality experienced by large mammals

as novel and efficient human predators grew in abundance and dispersed across the earth led to a temporally and spatially transgressive pattern of size-biased extinction (Smith et al., 2018).

Here, we explore the prehistoric influence of hominins on other mammals over the late Quaternary. Note that our review does not focus on the abundant evidence suggesting hominins were the main driver of these extinctions, but rather we focus on the consequences of these events. Moreover, we do not differentiate between the different hominin species that were present. We suspect that Neanderthals, Denisovans and archaic and modern humans may all have been effective predators on other mammals, including each other. However, it is clear that by the terminal Pleistocene, humans were the main drivers of these extinctions. Thus, here we review how size-selective exploitation of other mammals influenced continental and global body size distributions, and illustrate how this changed the energy flow through ecosystems and several fundamental macroecological patterns (e.g., Brown, 1995; Maurer, 1999; Gaston and Blackburn, 2000; Gaston, 2003). We focus on macroecological patterns because this is the domain where ecology, biogeography, paleobiology, and evolution overlap, and where the connections between individuals, populations, communities and ecosystems are evident (Smith et al., 2008). While these influences likely began with the spread of hominins within Africa several million years ago (e.g., Werdelin and Lewis, 2013; Bibi et al., 2017; Smith et al., 2018), data are limited for this time frame. Thus, our analyses focus on five time intervals that roughly correspond to important shifts in the demography and distribution of humans. These are: 1) the late Pleistocene (LP), around 125–70 ka, which roughly coincides with the initial migration of humans out of Africa into Eurasia; 2) the end Pleistocene (EP), about 70–20 ka, a time period encompassing the colonization of Australasia; 3) the terminal Pleistocene (TP), about 20–10 ka, an interval that represents the migration of humans into the New World; 4) the Holocene (H), about 10–0 ka, a time that represents the continued expansion of humans across the Earth; and 5) the Future, about 200 years in the future, where we assume that mammals characterized as “vulnerable” by the IUCN actually become extinct. Because the conservation status of many species in the IUCN threat categories have deteriorated rapidly over recent decades, it is likely that many, if not most, will go extinct (e.g., Cardillo et al., 2005, 2008; Barnosky et al., 2011; Dirzo et al., 2014; Ceballos et al., 2015).

We note that data for the Future interval are somewhat conservative because we ignore mammals falling into the “data deficient” category. These are species so poorly studied or rare that their conservation status is unclear; many likely fall into a threat category. For some analyses, paleo data are too coarse to assign to specific time bins, so we subsume the LP, EP and TP into a single “LQ” category, which represents 125–10 ka, or the late Quaternary up until the early Holocene.

2. Materials and methods

2.1. Biodiversity loss

Data employed were from Smith et al. (2018) and represent an updated version of MOM v10 (Smith et al., 2003), which was revised to reflect mammalian taxonomy as of September 2017 (Mammal Species of the World v3.0; Wilson and Reeder, 2003). Information included continental distribution, body mass, IUCN Red List conservation status (www.iucnredlist.org), last occurrence dates for extinct species, and trophic affiliation for all mammals of the late Quaternary (last ~125 ka). Because our focus was on nonvolant terrestrial mammals, bats, marine or oceanic species, insular mammals, and introductions were excluded for most analyses. As discussed above, extinct species were binned into one of five time intervals representing the approximate date of their extinction—late Pleistocene (125–70 ka), end Pleistocene (70–20 ka), terminal Pleistocene (20–10 ka), Holocene (10–0 ka) and Future (≤200 years) for threatened taxa; this latter category included those considered near-threatened, vulnerable, endangered, critically endangered, or extinct in the wild on the IUCN Red List. Following Smith et al. (2018), we ignored speciation and assumed extant mammal species were also present at the late Pleistocene. This assumption is reasonable because the average species “lifespan” of a mammal is ~1–2 million years (Foote and Raup, 1996; Alroy, 2000; Vrba and DeGusta, 2004). We collapsed trophic information into four general guilds (herbivore, carnivore, insectivore and omnivore) to reflect the major dietary mode. The statistical moments, degree of biodiversity loss, and changes in body mass were computed globally and for each continent for each time interval. We also characterized losses at different levels of the taxonomic hierarchy. Distributional changes

over time were assessed using Kolomorgorov-Smirnov tests; all analyses were conducted in R (R Core Team, 2015; R Studio, 2015).

Data for human population growth over the late Quaternary were extracted from Hern (1999). While these are admittedly imprecise, his estimates were derived from the paleontological and archeological literature and extend far enough into the fossil record for useful comparisons. Here, we compare human population estimates with extinction dynamics of other mammals over the late Quaternary.

2.2. Extinction patterns

2.2.1. Selectivity of extinctions

The sudden loss of many species of large-bodied mammals at the terminal Pleistocene has drawn considerable attention over the years (e.g., Guilday, 1967; Lundelius, 1967; Martin, 1967, 1984; Graham and Lundelius, 1984; Graham and Grimm, 1990; Guthrie, 1990; Murray, 1991; Lessa and Farina, 1996; Flannery and Schouten, 2001; Martin and Steadman, 1999; Stuart, 1999; Barnosky et al., 2004; Lyons et al., 2004; Koch and Barnosky, 2006; Sandom et al., 2014), with later authors quantifying the degree of selectivity across the taxonomic hierarchy and across continents (Lyons et al., 2004; Sandom et al., 2014). Similarly, the greater extinction risk of Holocene and modern IUCN Red Listed mammals also has been quantified (Cardillo, 2003; Cardillo et al., 2003, 2005, 2008; Schipper et al., 2008; Barnosky et al., 2011; Ceballos et al., 2015, 2017; Ripple et al., 2015, 2016). However, only recently have earlier extinctions been characterized and the change in extinction bias over time examined (Smith et al., 2018). Our discussion of extinction selectivity is based largely on the data and results of Smith et al. (2018). As detailed above, data employed included body mass estimates for extant and recently extinct mammals, last occurrence dates, continental distribution and trophic guild. For each temporal interval, extinction selectivity by group (i.e., global, continent, trophic guild) was quantified by calculating the difference in mean (\log_{10} -transformed) body mass between victims and survivors as well as by determining the coefficient of association between \log_{10} -transformed body mass and survival status using logistic regression. Smith et al. (2018) examined extinction selectivity globally, by continent, and by trophic group. We extend this to assess extinction selectivity for each trophic group on each continent in each time interval.

2.2.2. Comparisons with deep time Cenozoic record

There has been a long and acrimonious debate in the literature about the role of climate in driving extinction in mammals, particularly those of the terminal Pleistocene (e.g., Barnosky et al., 2004; Lyons et al., 2004; Koch and Barnosky, 2006; Grayson, 2007; Wroe et al., 2006, 2013; Sandom et al., 2014). More recent studies generally agree that human activities had a pivotal role, although climate shifts may have contributed to some extent (Barnosky et al., 2004; Lyons et al., 2004; Koch and Barnosky, 2006; Haynes, 2009; Sandom et al., 2014). However, the idea that rapid changes in climate and vegetation at the Pleistocene–Holocene transition led to mammal extinctions (Gillday, 1967; Lundelius, 1967; Graham and Lundelius, 1984; Graham and Grimm, 1990; Guthrie, 1990; Grayson, 2007) has not completely disappeared from the recent literature (e.g., Wroe et al., 2013; Meltzer, 2015). Thus, to robustly examine the potential role of climate on extinction patterns, we compared turnover in the Cenozoic terrestrial mammal record and paleotemperature (Zachos et al., 2001) for the past 65 Ma. Our analyses followed the initial work reported by Smith et al. (2018) where extinction selectivity was computed for 1Ma intervals across the Cenozoic. Mammal turnover was compared to the global climate state (mean temperature), climate variability (within 1Ma intervals; using the standard deviation) and climate change (the change in these measures between 1Ma intervals) using linear regression. Further details regarding the methods are available in Smith et al. (2018). Mammalian turnover over the Cenozoic was characterized here using Foote's boundary crosser method (Foote, 2000), which takes into account sampling intensity.

2.3. Changes in macroecological patterns over time

2.3.1. Geographic range size

The relationship between species body mass and the size of the geographic range has been quantified by a number of workers (Anderson, 1977; Brown, 1995; Gaston and Blackburn, 1996; Rundle et al., 2007; Lyons and Smith, 2013), who demonstrate that it is roughly triangle-shaped for most groups. While small mammals may have either larger or small geographic ranges depending on their degree of habitat specialization, large-bodied mammals require a large range to maintain an effective population size (Brown, 1995; Smith et al., 2008).

Moreover, there is a disproportionately greater risk of extinction for animals that have small ranges for their body size (Brown, 1995). This is considered a classic pattern in macroecology (Brown, 1995). However, it—like other apparently fundamental relationships—was based on extant mammals without regard to historic and prehistoric anthropogenic extinctions, which have disproportionately targeted larger-bodied mammals (Smith et al., 2010a; Smith and Boyer, 2012). Only a few studies have examined shifts in range sizes over time (Ceballos and Ehrlich, 2002; Morrison et al., 2007; Lyons and Smith, 2013; Faaborg and Svenning, 2015), and they have not quantified the influence on the “shape” of the constraint envelope.

Thus, we examined differences in the geographic range using both historic and modern data extracted from two compilations (Ceballos and Ehrlich, 2002; Morrison et al., 2007). We focused on taxa from four terrestrial mammal orders (Artiodactyla, Carnivora, Perissodactyla, and Proboscidea; $N = 275$), because these groups experienced substantial range reductions over the past few centuries (Ceballos and Ehrlich, 2002; Morrison et al., 2007). We computed future range size based on species status within the IUCN Red List; as was done earlier, those mammals listed as vulnerable, near-threatened, threatened, or endangered were assumed to become extinct and removed. We assumed that ongoing range constriction would continue in to the future period. Thus, for the future time bin, we further reduced surviving species' ranges by the percent lost between historic and modern periods. Body mass was derived from MOM v10 (Smith et al., 2003). For each time bin, we plotted geographic range and body size by trophic guild (carnivore, or herbivore). “Constraint envelopes” (e.g., Brown and Maurer, 1987) in the form of convex hulls (minimum bounding polygons) were fit to herbivores, carnivores and omnivores to describe the energetic and/or environmental limits to the distribution of species in bivariate space. We characterized the upper constraint in two ways: first, we ran a regression through the largest geographic range for each 0.25 log body size bin across the 8 orders of magnitude span of size; a similar analysis was done for the lower constraint line. Second, we ran an upper quartile regression; doing so for the lower quartile was non-informative because of the concentration of values at small body masses and ranges. Constraint envelopes were used to visualize the change in the relationship between body mass and geographic range through time. Species included in

the modern range estimates were also included in an analysis of population trends—based on IUCN population estimates—to determine the proportion within four taxonomic orders (Artiodactyla, Carnivora, Perissodactyla, and Proboscidea), which have decreasing, increasing or stable population size.

2.3.2. *Area, species richness and body mass*

The relationship between the area of a land mass and the largest species present has received surprisingly little attention in the macroecological literature. The few studies conducted to date demonstrate a log linear relationship with the mass of the largest species increasing with increasing land area; reported values for the slope range considerably from 0.5 to 0.8 (Marquet and Taper, 1998; Burness et al., 2001; Smith et al., 2010a; Smith and Boyer, 2012). Explanations for the pattern vary, but generally relate to some aspect of resource availability. For example, because large mammals have low population densities and large home ranges (Damuth, 1981, 1987; Brown and Maurer, 1987, 1991), maximum size may be limited by the number of home ranges that can fit into a given land area (Burness et al., 2001; Maurer, 2013).

Here, we re-evaluated this relationship in two important ways. First, we dramatically increased sample size by collecting temporal data on the body size of the largest species for 97 different landmasses, including islands, the major continents and ocean basins (<http://biology.unm.edu/fasmith/Datasets/>). We also conducted the analysis with and without inclusion of marine mammals, which as the largest-bodied mammals anchor the upper end of the regression. Area ranged in size from 1 km² for the smallest islands (e.g., Todos Santos), to 5,451,700 km² for Eurasia, and 266,702,000 km² for the Atlantic, Pacific, Arctic, and Southern ocean basins combined. Second, we investigated the influence of size-selective extinction on this relationship. Here, data limitations led us to focus on four time periods: LQ (125–10 ka), Holocene (10–0 ka), Modern (0 ka) and the Future (+200 yrs). Note that our sample size of landmasses is not completely consistent over time. For example, we had fewer landmasses for the LQ because some were land-bridge islands that only formed in with the rising of sea levels at the terminal Pleistocene. Both body mass and land area were logged prior to analyses and then evaluated using ordinary least squares regression.

2.3.3. *Trophic structure*

Trophic downgrading of modern ecosystems is ongoing (Estes et al., 2011). The loss of the apex consumers in ecosystems has many direct and indirect consequences, including the potential to change vegetation structure and composition, unravel food webs, and change processes such as fire regimes (Estes et al., 2011; Ripple et al., 2014). We are just beginning to develop an appreciation for the integral role of large consumers in Earth systems (Smith et al., 2016a,b). Here, we examine the influence of the size-selective trophic downgrading across the Quaternary within two major terrestrial trophic groups, carnivores and herbivores. These are the groups that have suffered the greatest biodiversity losses over the late Quaternary (Smith et al., 2018).

As with the biodiversity analyses, we employed body mass, the IUCN Red List conservation status (www.iucnredlist.org), last occurrence dates for extinct species, and trophic affiliation for all mammals of the late Quaternary from Smith et al. (2018). All members of the order Carnivora were classified as carnivores, regardless of the degree or source of meat consumption. We grouped species identified as being predominately browsers or grazers as herbivores. We then characterized the distributions of these two trophic groups for the six time bins: prior (>125 ka), late Pleistocene (125–70ka), end Pleistocene (70–20 ka), terminal Pleistocene (20–10 ka), Holocene (10–0 ka), Modern (0 ka), and Future (+200 years), where all species listed as threatened, vulnerable, and extinct by the IUCN Red List were removed. Changes in the range of body size and in the shapes of the distributions over time were tested using Kolomorgorov-Smirnov tests; all analyses were conducted in R.

3. Results and discussion

3.1. *Biodiversity loss*

The extinction rate of mammals has increased dramatically over the last ~125,000 years (Fig. 1a), concomitant with the growth and spread of human populations (Fig. 1b and c). To date, we have lost approximately 8% of the world's mammals; without intervention the cumulative biodiversity loss could reach ~30% within a few hundred years (**Table 1; Fig. 2**). This value may be conservative because we ignored

Table 1. Global alpha diversity of terrestrial nonvolant mammals by taxonomic level and time interval.

Interval	Time Interval	Cumulative Biodiversity loss (%)	Extant at end of interval				Species extinctions during interval			
			Species	Genus	Family	Order	Species	Genus	Family	Order
	Before 125 ka	unknown	3305	891	126	32				
Late Pleistocene	125–70 ka	0.5	3292	889	126	32	13	10	8	5
End Pleistocene	70–20 ka	2.1	3241	869	124	32	51	33	16	6
Terminal Pleistocene	20–10 ka	6.8	3084	792	115	30	157	101	33	11
Holocene	10–0	8.0	3043	785	112	29	41	28	12	7
Future	+200 yrs	29.6	2328	604	92	24	711	349	82	21
Change from LP to Future		29.6	–973	–287	–34	–8				

Higher level taxonomic information provided for extinct species showing the extent of loss; it does not represent the actual generic, family or ordinal losses. Those can be obtained by subtracting between temporal intervals.

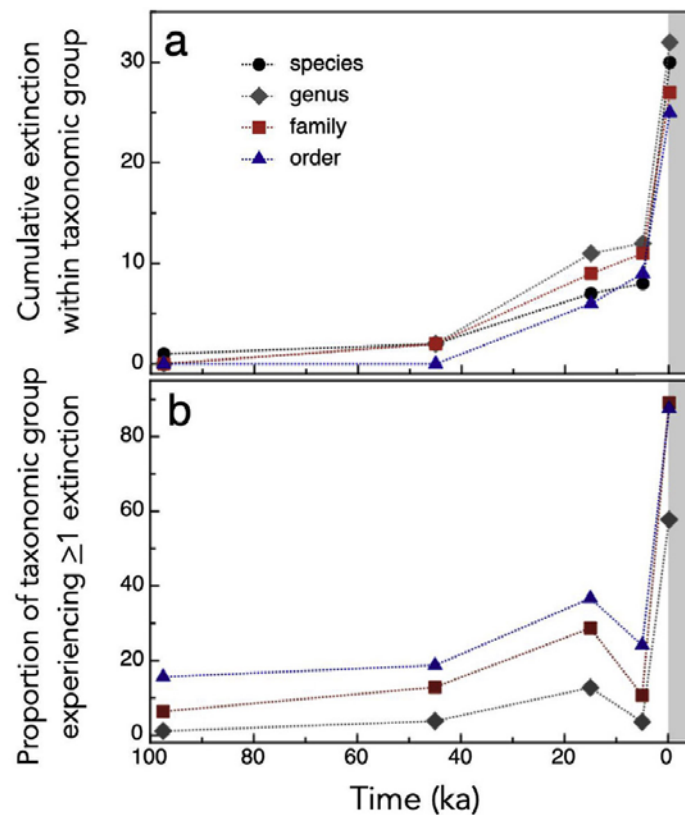


Fig. 2. The taxonomic sensitivity of extinction over time. A) Cumulative degree of extinction within each level of the taxonomic hierarchy. B) The distribution of extinction over various taxonomic levels. Note the sharp increase in both the extent and the breadth of extinction in the future time bin; while extinctions were once confined to particular clades, they are now widespread across the taxonomic hierarchy.

"data deficient" mammals in the future projections. However, our cumulative estimate is in line with many recent projections, which focus on the change in biodiversity from the modern to the future (Cardillo et al., 2005; Schipper et al., 2008; Hoffmann et al., 2010; Barnosky et al., 2011; Dirzo et al., 2014; Ceballos et al., 2015; Ripple et al., 2015, 2016, 2017). Moreover, while past extinctions were concentrated in particular taxonomic groups (e.g., the Holocene and late Pleistocene extinctions were confined to 7 and 11 orders, respectively; Table 1), suggesting that conserved biological traits made some clades more susceptible to extinction (Purvis et al., 2000; Turvey and Fritz, 2011), the magnitude of future extinctions means they will necessarily become more widespread across the taxonomic hierarchy (Fig. 2). Our computations suggest that in the Future, for example, more than 88% of orders could experience at least one extinction (Fig. 2). Moreover, extinctions could lead to considerable loss of phylogenetic and functional diversity with as many as ~27% of terrestrial nonvolant families and 25% of mammalian orders lost (Table 1).

Interestingly, these past and future extinction events have not changed the canonical "hollow curve" pattern of species among genera (i.e., the S/G ratio), where a few lineages are species rich and most are species poor (**Fig. 3**); a pattern ubiquitous across biology (Willis and Yule, 1922; Anderson, 1977; Maurer and Brown, 1988; Brown and Maurer, 1989; Williams and Gaston, 1994; Roy et al., 1996; Hilu, 2007).

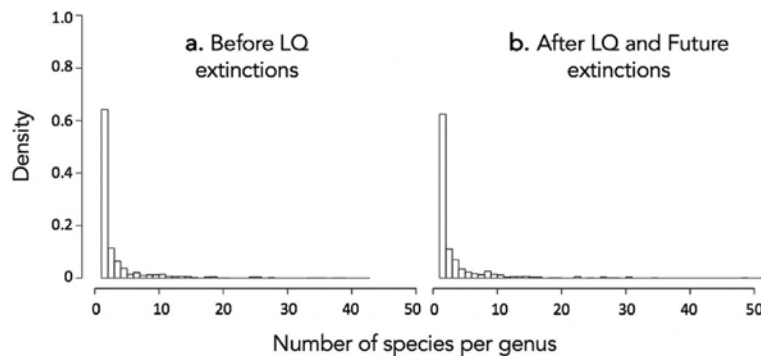


Fig. 3. The pattern of species diversity within genera. Note that despite phylogenetic selectivity, extinctions during the late Quaternary did not change the fundamental "Hollow curve" pattern of the number of species per genus. Both curves are concatenated at 50 species per genus; there are a few genera in both time intervals that are much more speciose.

Because S/G ratios are sensitive to diversity (Simberloff, 1970), the null expectation would be a monotonic decrease in the ratios with declining number of species (Järvinen, 1982; Gotelli and Colwell, 2001). That we do not find this prediction borne out is interesting because late Quaternary extinctions were phylogenetically non-random (Lyons et al., 2004; Smith and Lyons, 2011; Turvey and Fritz, 2011; Smith et al., 2018), and future losses will also likely disproportionately target certain clades (e.g., Cardillo et al., 2005, 2008; Schipper et al., 2008; Davidson et al., 2009; Fritz et al., 2009; Dirzo et al., 2014; Pimm et al., 2014). Hence, we might anticipate that a higher proportion of monotypic genera, representing unique functional diversity, would be lost (e.g., Purvis et al., 2000). However, projected extinction intensity at the genus level is only slightly higher than that of the species level (~32 vs 30%; Table 1, Fig. 2).

While the fundamental S/G ratios did not alter, late Quaternary and Future extinctions did and will lead to significant changes in the body size distribution (BSD) of mammal species over time (**Fig. 4**). On each

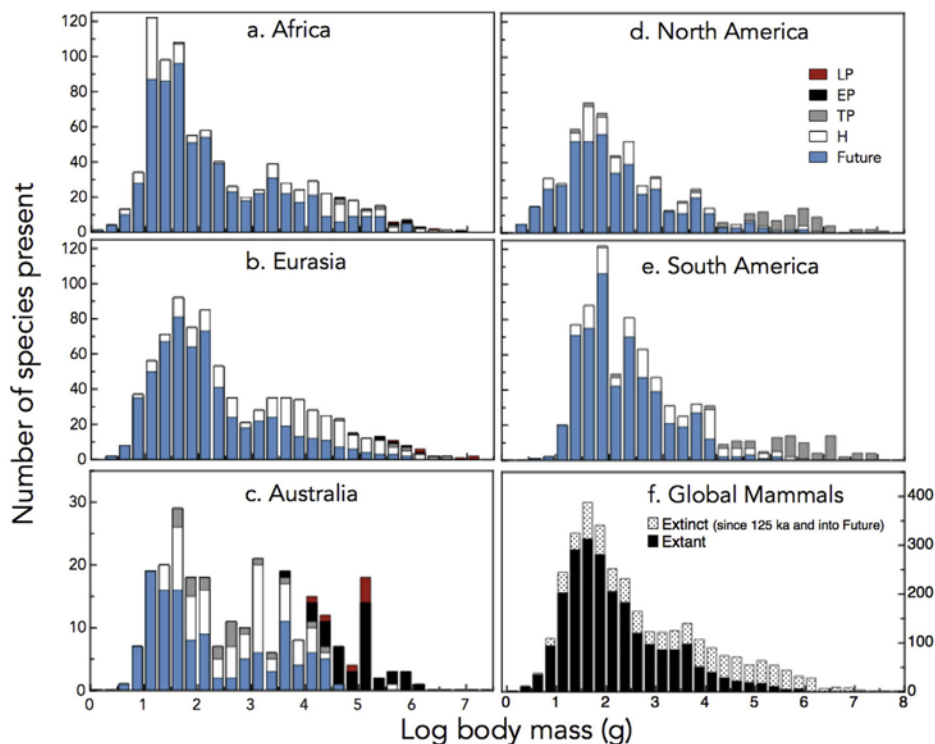


Fig. 4. Body size downgrading over the late Quaternary. Redrawn from Smith et al. (2018)..

continent (Fig. 4a–e), and globally (Fig. 4f), there has been a selective loss of the largest mammals from ecosystems, leading to an approximate 2 orders of magnitude truncation in the range. Moreover, these changes, particularly since the terminal Pleistocene, have also meant reduced mean mass and the loss of multi-modality in New World fauna (Lyons et al., 2004; Smith et al., 2004; Smith and Lyons, 2011; Smith and Boyer, 2012; Lyons and Smith, 2013), leading to a largely unimodal right-skewed distribution. The BSD of mammals first became bimodal ~40 Ma (Lyons and Smith, 2013), concomitant with the evolution of very large body size and remained that way until the late Quaternary (Lyons and Smith, 2013). Thus, the modern BSD of mammals on continents is unlike that seen earlier in Earth history. Because the distribution of body sizes regulates energy flow through communities, restructuring of the BSD has important implications in terms of ecological function. For example, the right skewed BSD observed for mammals (and many other taxa) reflects that there are more species of small animals than large ones, suggesting that small things can or do more finely divide resources in the environment (Hutchinson and MacArthur, 1959; Van Valen, 1973; Brown and Maurer, 1987; Dial and Marzluff, 1988; Brown and Nicoletto, 1991; Fenchel, 1993; Brown, 1995). This pattern might suggest competitive interactions are stronger or more important in structuring these size classes. Ecological homeostasis theory predicts that unused energy in an ecosystem resulting from the loss of large-bodied mammals will lead to increases in abundance or distribution of survivors and/or changes in species compensation (Ernest and Brown, 2001b).

The loss of large-bodied mammals across the globe occurred in a spatially and temporally transgressive manner (Smith et al., 2018, **Fig. 5**), co-incident with human migration patterns (Fig. 1c). Each time humans entered a new continent, extinctions followed. The downgrading of mean mammal body size was severe: at ~125 ka, the average global mass of terrestrial nonvolant mammals was ~81 kg (Fig. 5b). Today, it is about 16.8 kg. We predict that in the future it will fall to ~6.9 kg, the lowest average global body mass of mammals in ~55 million years (Smith et al., 2010b, Fig. 5a). A similar trajectory of body size downgrading is evident for maximum body mass on the continents (Smith et al., 2018). When mean global body mass

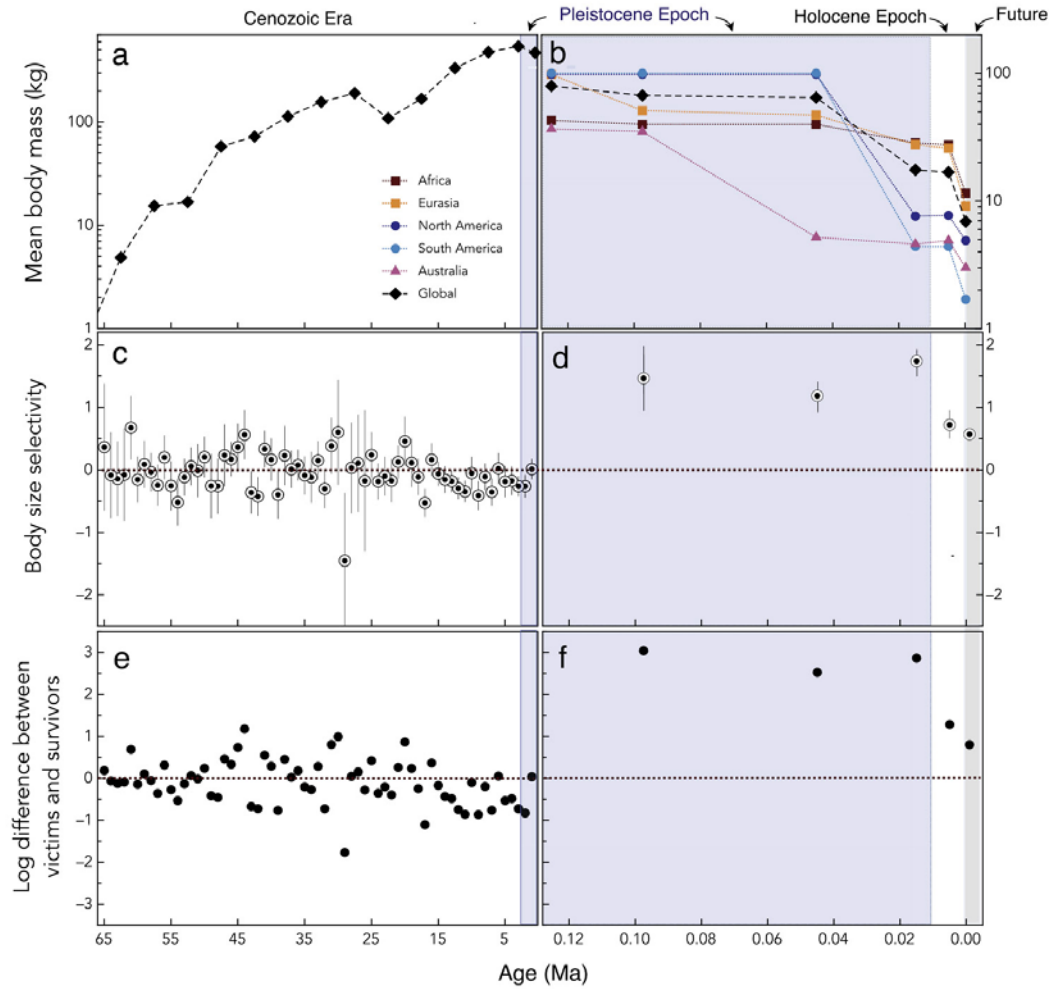


Fig. 5. Body size and extinction selectivity of mammals over the Cenozoic. A) Mean body size (kg) from 66 to 1 Ma. B) Mean body mass over the late Quaternary (last ~125 ka years). C) Body size selectivity of extinctions over the Cenozoic era, D) Body size selectivity over the late Quaternary, E) Difference in body mass between victims and survivors (in log units) over the Cenozoic, and, F) Difference in body mass between victims and survivors (in log units) over the late Quaternary. Note the temporally and spatially transgressive decrease in body mass; this corresponds with human migration patterns (Panels a–d redrawn after Smith et al., 2018).

of mammals is plotted against estimated population size of *H. sapiens* over the late Pleistocene and Holocene, we find a strong and significant correlation: the near exponential growth of human populations has led to a near exponential decrease in mean body size over the Earth (**Fig. 6**).

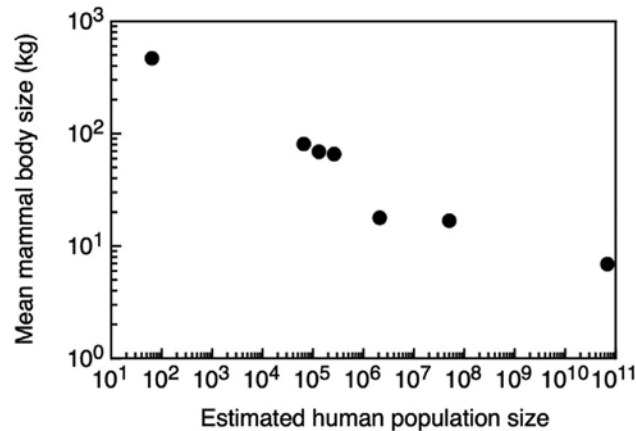


Fig. 6. The mean body mass of mammals across the late Quaternary plotted against estimated human population size. Data for human population growth from Hern (1999). Mean body mass for each interval from Smith et al. (2018). The estimate (and standard error) of the coefficients: Intercept= 2.902 (0.1829), slope = -0.208 (0.0279); Multiple R-squared: 0.9171, $P < 0.001$, $df = 5$.

3.2. Extinction patterns

Late Quaternary extinctions and current extinction threat were strongly biased against large-bodied terrestrial mammals (Fig. 5d–f; **Fig. 7**). A striking and highly significant size bias was evident both globally (Fig. 7a and b), as well as when data were stratified by continent (Fig. 7c and d) or by trophic group (Fig. 7e and f; Smith et al., 2018). The average victim of Late Quaternary extinctions was more than three orders of magnitude larger in body mass than the average surviving species (Fig. 7a). While several authors have quantified the size selectivity of the terminal Pleistocene megafauna extinction (e.g., Alroy, 1999; Lyons et al., 2004; Sandom et al., 2014), the realization that this event was part of a long-term global trajectory is relatively recent (Koch and Barnosky, 2006; Braje and Erlandson, 2013; Smith et al., 2018). Strikingly, the size selectivity of the Late Quaternary extinctions was completely unprecedented in the previous fossil mammal record (Fig. 5c vs. 5d; see Alroy, 1999 for North America). No interval in the past 65 Ma has resulted in the same level of extinction bias against large-bodied mammals seen in the late, end or terminal Pleistocene, and even the Holocene and Future intervals are outliers in terms of the Cenozoic fossil record (Fig. 5d; Smith et al., 2018). These were unusual events.

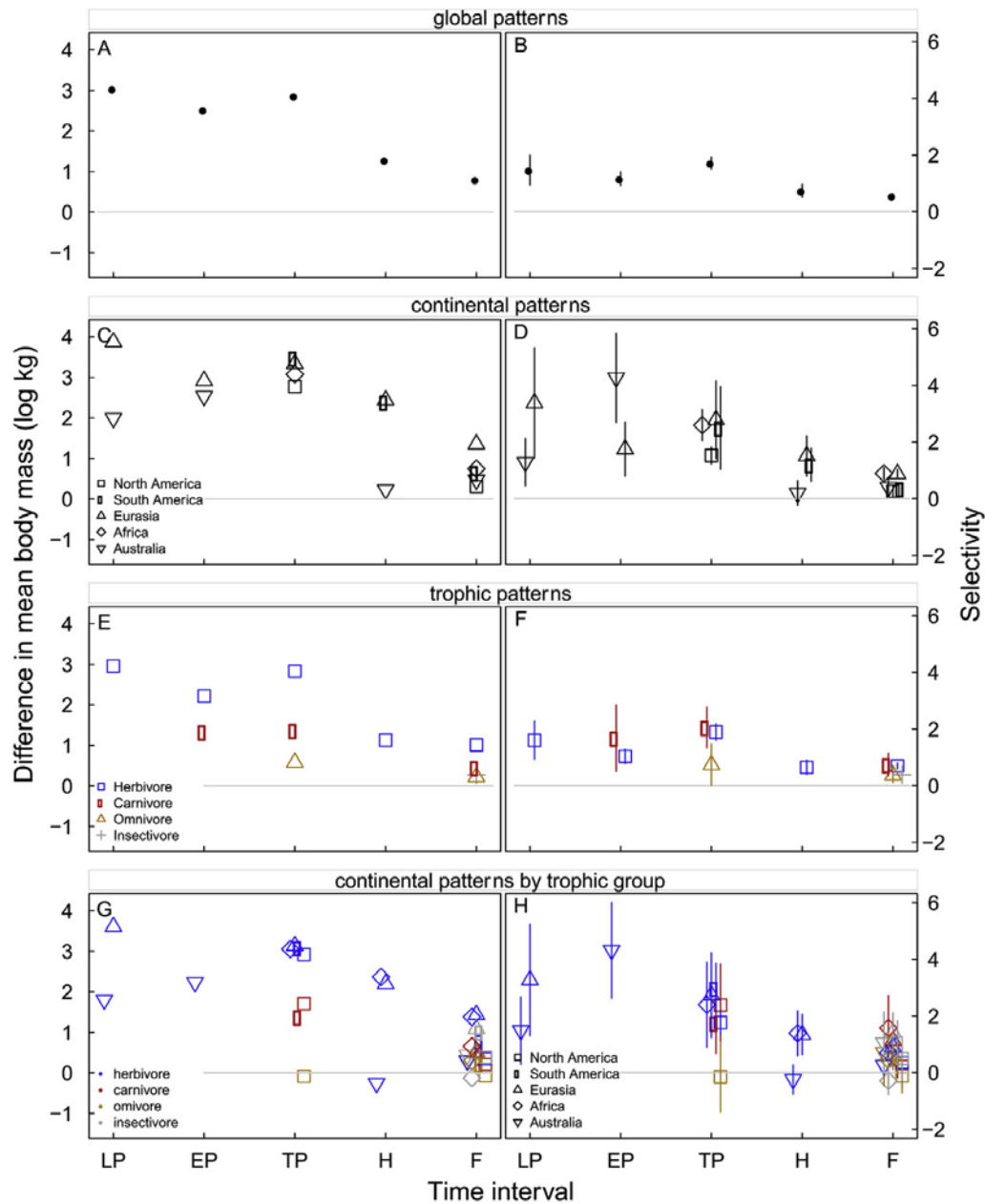


Fig. 7. Extinction selectivity patterns with respect to body size from the Late Quaternary through the near future. A) Differences in mean (log10-transformed) body mass between victims and survivors globally for the Late Pleistocene (LP), end-Pleistocene (EP), terminal Pleistocene (TP), Holocene (H), and near future (F) scenarios. B) Logistic regression coefficients with 95% confidence intervals from logistic regression of extinction status as a function of body mass, globally. C) Size differences between victims and survivors by continent. D) Logistic regression coefficients by continent. E) Size differences by trophic group. F) Logistic regression coefficients by trophic group. G) Size differences by continent and trophic group. H) Logistic regression coefficients by continent and trophic group.

Interestingly, although large-bodied mammals still suffer(ed) disproportionately, the selectivity of extinction decreased over the Holocene and into the Future (Figs. 5 and 7); indeed, the difference in body mass between victims and survivors drops to approximately one order of magnitude for extinctions during the Holocene and for projected future losses (Fig. 7a). This change in the selectivity likely reflects the reduced diversity of large-bodied mammals extant (e.g., fewer to go extinct) as well as a change in the nature of threats. However, the simple truncation of the size distribution does not explain the reduced association between size and extinction observed over time in the regression analysis (Fig. 7b, d, f, h). While direct exploitation was probably the main driver of the late Quaternary extinctions (Alroy, 2001; Zuo et al., 2013), a more complex suite of stresses including hunting, extermination (of carnivores in areas with livestock), fragmentation and/or land use change, and climate change, are driving Holocene and future extinctions (Vitousek et al., 1997; Barnosky et al., 2004, 2011; Cardillo et al., 2005, 2008; Schipper et al., 2008; Estes et al., 2011; Dirzo et al., 2014; Ceballos et al., 2015; Ripple et al., 2015, 2016). Indeed, future extinctions target not only large-bodied mammals, but also small, often highly specialized or geographically localized species (Lyons et al., 2016b; Ripple et al., 2017; Smith et al., 2018).

The larger size bias observed in data when stratified by continent rather than by trophic group (Fig. 7) suggested that the estimation of bias was reduced in the global analyses. This reduction may have occurred because global analyses mixed extinction patterns on continents that, at least prior to the Late Quaternary, hosted many of the largest species (e.g., Africa, Eurasia, North America) with continents that hosted fewer extremely large-bodied species (e.g., Australia). The size bias reported by Smith et al. (2018) persisted when further stratified both by continent and by trophic group (Fig. 7 g, h). In general, the size bias was greatest for herbivores, followed by carnivores, and smaller in omnivores and insectivores. This led to striking changes in the global distribution of herbivores and carnivores over time (**Fig. 8**).

Note that we focus here on the *consequences* and not the causes of late Quaternary extinctions. The evidence is overwhelming for a strong contributing role of humans in each of these time periods (e.g., Alroy, 2001; Lyons et al., 2004; Koch and Barnosky, 2006; Haynes, 2009; Surovell and Waguespack, 2009; Turvey, 2009; Barnosky et al., 2011;

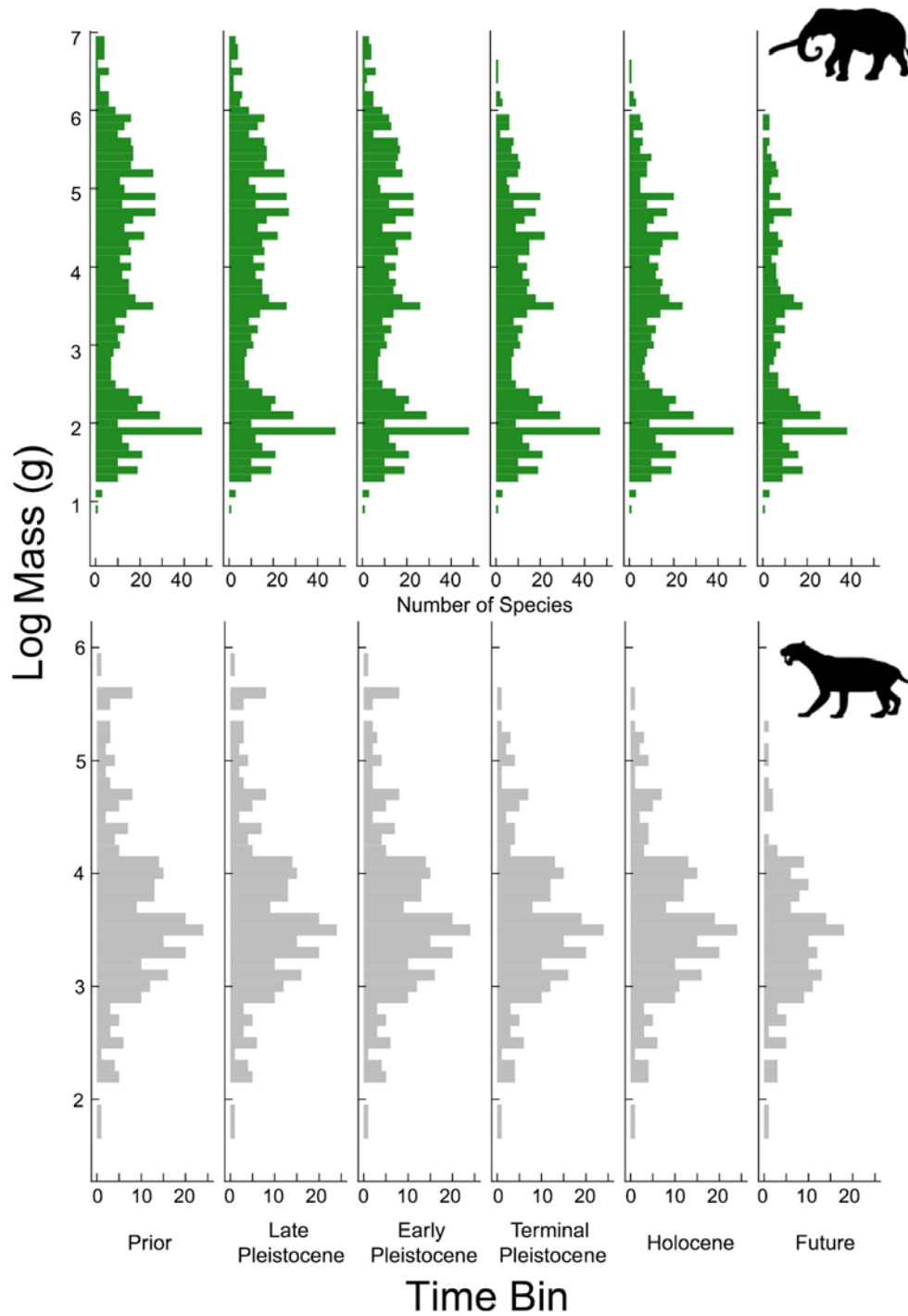


Fig. 8. Histograms of log body-size are plotted for species classified as carnivores (A) and herbivores (B) at six different time-bins within which extinctions occur. Within the future time bin, predicted extinctions occur within species classified as vulnerable, threatened, or endangered.

Turvey and Fritz, 2011; Zuo et al., 2013; Sandom et al., 2014; Surovell et al., 2016; Smith et al., 2018) and thus, we do not debate the issue of causation. Nonetheless, we note that our work both highlights the influential role of humans, and contravenes a role for climate as a driver of mammal biodiversity loss in several important ways.

First, as we noted above, we find no evidence in the fossil record prior to the evolution of hominins for the type of dramatic size selectivity observed over the past 125 ka (Figs. 5–7). It was completely unprecedented in 65 Ma of mammal evolution; body size did not normally influence extinction risk (Alroy, 1999; Tomiya, 2013; Smith et al., 2018). The pattern of size-selectivity was both temporally and spatially transgressive (Fig. 5b), and closely followed human migration patterns (Fig. 1c; Smith et al., 2018). Moreover, the mean body size of mammals globally was inversely and significantly related to human population size (Fig. 6).

Second, the *lack* of relationship between extinction selectivity, or the rate of extinction, and Cenozoic climate is remarkable (**Fig. 9**). Neither the selectivity nor the rate of mammalian extinction in the Cenozoic fossil record was significantly correlated with the mean global climate state or with the trend in global climate as measured through the marine oxygen isotope record (Smith et al., 2018). Whether measured in terms of mean temperature, temperature variability, or change in temperature (Fig. 9), there was no correlation between any of the climate variables and either extinction selectivity (measured as the logistic regression coefficient or as the difference in size between the mean size of victim and survivor) or extinction rate (turnover). These results argue that climate change in the past was not a key driver of extinction in mammals (Smith et al., 2018). While climate shifts led to changes in abundance, distribution, and likely morphological adaptation (Smith et al., 1995, 1998; 2010b; Smith and Betancourt, 2003), most mammals were able to cope with the changing environments of the Cenozoic through these mechanisms.

Finally, the trophic bias we find is consistent with the exploitation of mammals for food. The bias of extinction is greatest for herbivores, which have tended to be the most important hominin prey, moderate against carnivores, which tend to compete with hominin hunters for large prey (or, more recently, livestock), and weakest against omnivores and insectivores, which tend to have less value as prey and less competition with hominins over food resources (Fig. 7e and f;

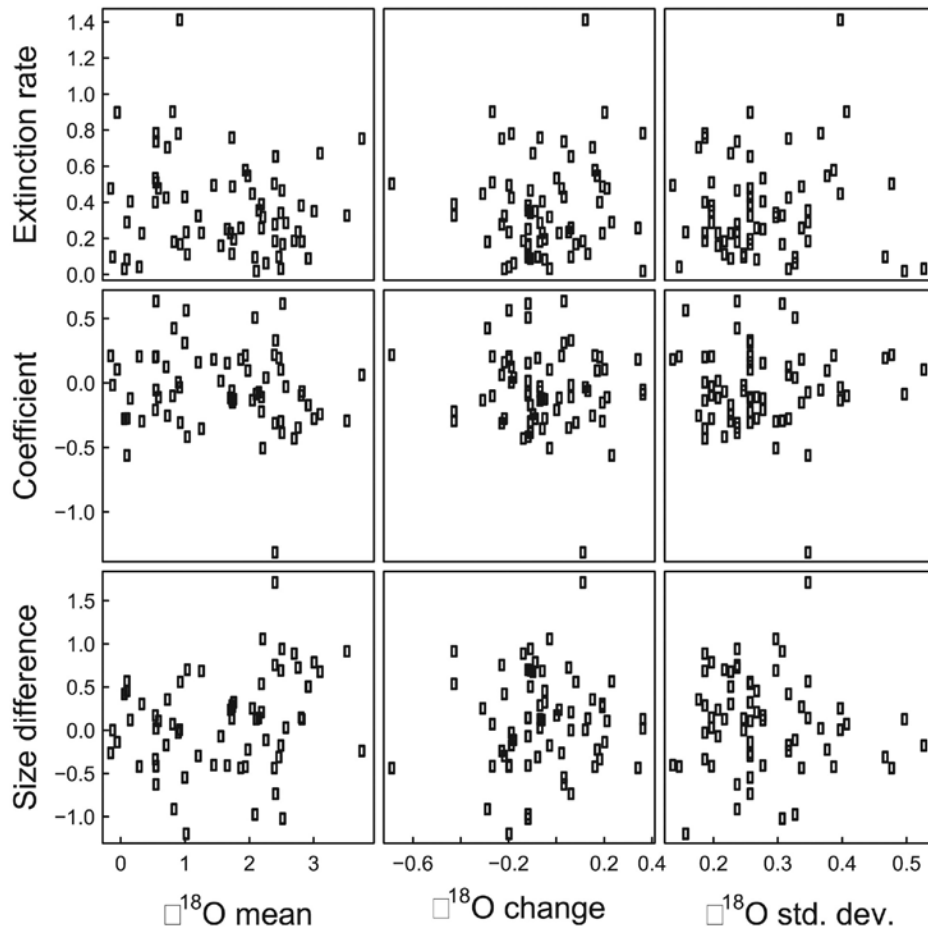


Fig. 9. Scatterplots of extinction patterns versus measures of climate across the Cenozoic at million-year intervals. Extinction is quantified as: first row) the negative of the natural log of the number of the number of species ranging through the interval divided by the number of species entering the stage from the previous interval but not surviving into the subsequent interval (Foote, 2000); second row) the logistic regression coefficient measuring the association between body mass and extinction; and third row) the difference in mean size between victims and survivors. Climate is measured in terms of mean, standard deviation, and interval-to-interval change in mean oxygen isotope paleoclimate proxy values from planktic foraminifera.

Fig. 8). Moreover, the greater selectivity of extinction after controlling for continent suggests that it is relative size within a continent rather than absolute size that has influenced extinction probability (Fig. 7g and h). This finding is more consistent with an effect of hunting, which acts on the availability species pool, than of a physiological response to climate change or an ecological response associated with a fundamental scaling property.

3.3 Changes in macroecological patterns over time

3.3.1. Geographic range

Elucidating the factors constraining and shaping the geographic range of animals has captivated naturalists since they began exploring the planet (Humboldt et al., 2009). Darwin (1859) wrote: "*I have lately been especially attending to Geograph. Distrib., and most splendid it is, a grand game of chess with the world for a Board.*" Despite centuries of research, understanding the constraints on geographic ranges remains one of the fundamental aims of biogeography (Brown and Lomolino, 1998). Anthropogenic climate change has led to geographic shifts in the range extent of many species, with northern hemispheric species shifting ranges toward the north pole and southern hemispheric species shifting towards the south pole (Parmesan and Yohe, 2003); future warming may lead to the contraction of ranges as well. Human activities have also led to declines and/or fragmentation of the distribution of many species, especially in Africa and Eurasia (Ceballos and Ehrlich, 2002; Morrison et al., 2007; Crooks et al., 2017). Not surprisingly, we find that the body size downgrading of the late Quaternary has fundamentally changed the relationship between the body size of mammal species and their geographic range (**Fig. 10**). For some large-bodied herbivores, for example, the modern range has shrunk more than three orders of magnitude relative to historic time periods (Fig. 10d). Overall, the average geographic range of mammals has decreased by 48%, although the impact was much greater for herbivores than carnivores (60% vs. 30%, respectively; Fig. 10c and d). This enhanced dataset confirms earlier work suggesting large-bodied mammals have lost at least 30% of their range since historic times, and that ~40% have experienced 80% or more of range contraction (Ceballos et al., 2017).

Mammal range-size loss was not randomly distributed across space or dietary affiliation. From historic to modern time, the declines were greatest for Africa and Asia (Ceballos and Ehrlich, 2002). The largest contractions were generally seen for species whose ranges overlapped with areas of particularly high human density or modification of landscapes such as agricultural fields (Ceballos and Ehrlich, 2002; Morrison et al., 2007). Generalists have been more successful than specialists in coping with the consequences of human impacts on ecosystems such

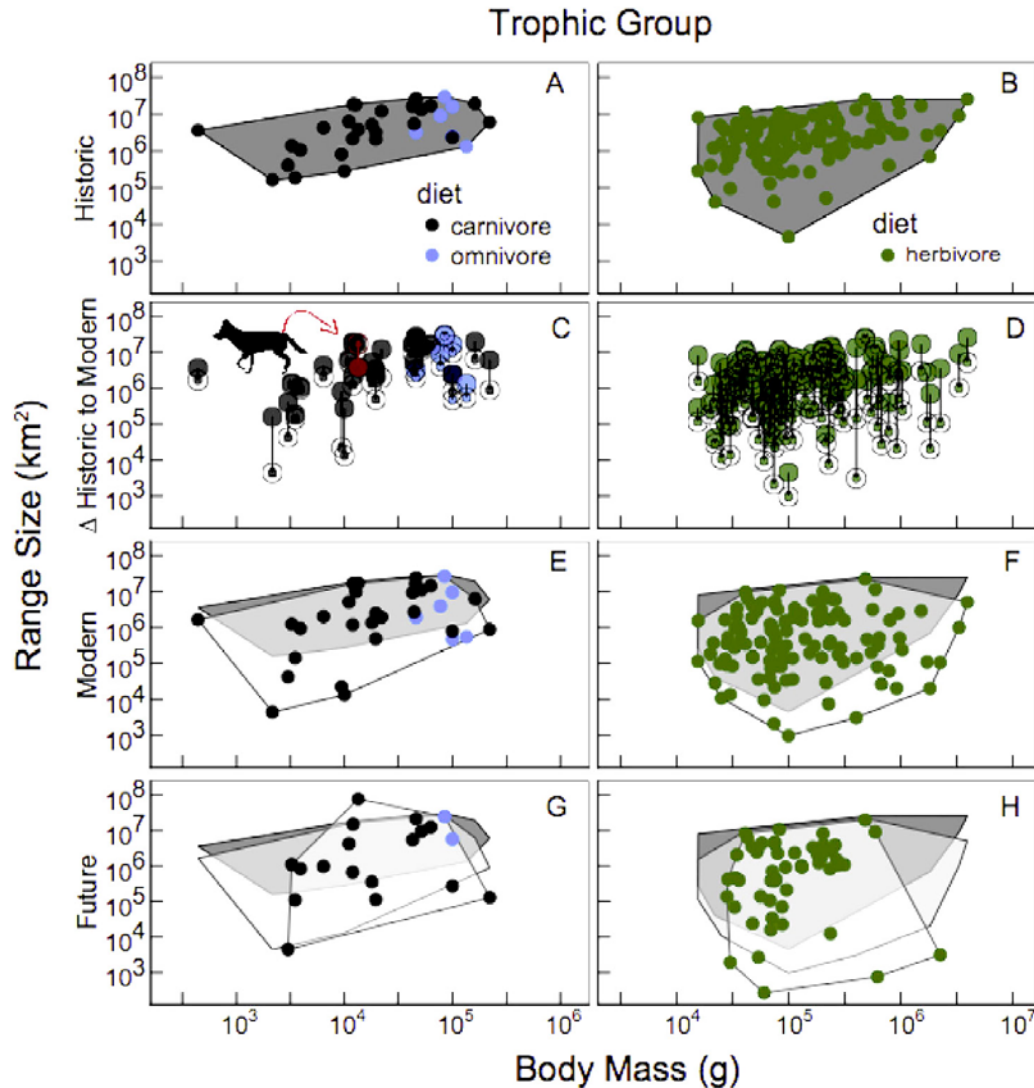


Fig. 10. Influence of humans on pattern of geographic range and body mass of mammals. Range size for the largest (50% percentile) taxa from four mammal orders (Artiodactyla, Carnivora, Perissodactyla, and Proboscidea) plotted against body size as in Brown and Maurer (1987). Rows represent time bins (historic, historic to modern, modern, and future projections), while columns represent trophic guilds. Triangles in panels A and B represent the triangular envelope for the historic range of the entire large mammal community. Panels C and D show the transformation of range size from historic (squares) to modern (circles) time bins, while arrows represent the direction of change. In panels E and F, light gray triangles represent modern range envelopes for large mammals and overlay the dark gray triangles that represent the historic range. Panels G and H show historic, modern, and future range triangular envelopes, note that the major axis of change is the bottom right leg of the triangle.

as invasive species and biotic homogenization (Olden et al., 2004; Davidson et al., 2009; Clavel et al., 2011; Longman et al., 2018). And of course, an extreme generalist, *Homo sapiens*, has been the most significant invasive species and ecological engineer of the late Quaternary (Marean, 2015).

The shape of the “constraint space” that characterizes the relationship between geographic range and body size (Brown, 1995) has also altered significantly over time (Fig. 10). In the past, the upper constraint limit between geographic range and body size was well-described statistically (**Table 2**), reflecting the general pattern that species with larger body sizes also had larger ranges. However, range fragmentation and constriction have influenced the largest mammals disproportionately; they have lost on average ~70% of their former range, as compared to 22–35% for mammals of smaller sizes (**Fig. 11**). Thus, the slope of the relationship has decreased from the historic into the modern, and moreover, is no longer distinguishable from zero (Fig. 10; Table 2). The decline in the geographic ranges of large mammals is a direct consequence of their large range, which brings animals into greater contact, and thus conflict, with humans on an increasingly fragmented earth (Cardillo et al., 2005; Barnosky et al., 2012; Tucker et al., 2018). The geographic range is an amalgamation of the home ranges of the individuals within the species. Because large-bodied mammals are generally constrained to have low population densities, their effective population size will be small unless they have a large geographic range (Brown, 1995). Thus, reductions in their geographic range will lead to reduced densities, which increases the probability of extinction (MacArthur and Wilson, 1967;

Table 2. “Constraint lines” characterizing the upper limit of mammal body mass and geographic range.

Time Bin	Aspect of Geographic Range	Slope	Intercept (+/– stdev)	r ² adj	p-value
Historic	Maximum	0.24	12.1	0.11	0.04
Modern	Maximum	0.36	8.8	0.037	0.16
Historic	Upper quartile	0.19	14.8	–	0.04
Modern	Upper quartile	–0.14	17.5	–	0.5

“Maximum” represents an OLS regression conducted through the largest geographic range in each 0.25 log unit across the 8 orders of magnitude span of mammal body size; Upper quartile regression used tau = 0.9; significant values indicated in bold. df = 168 in all cases.

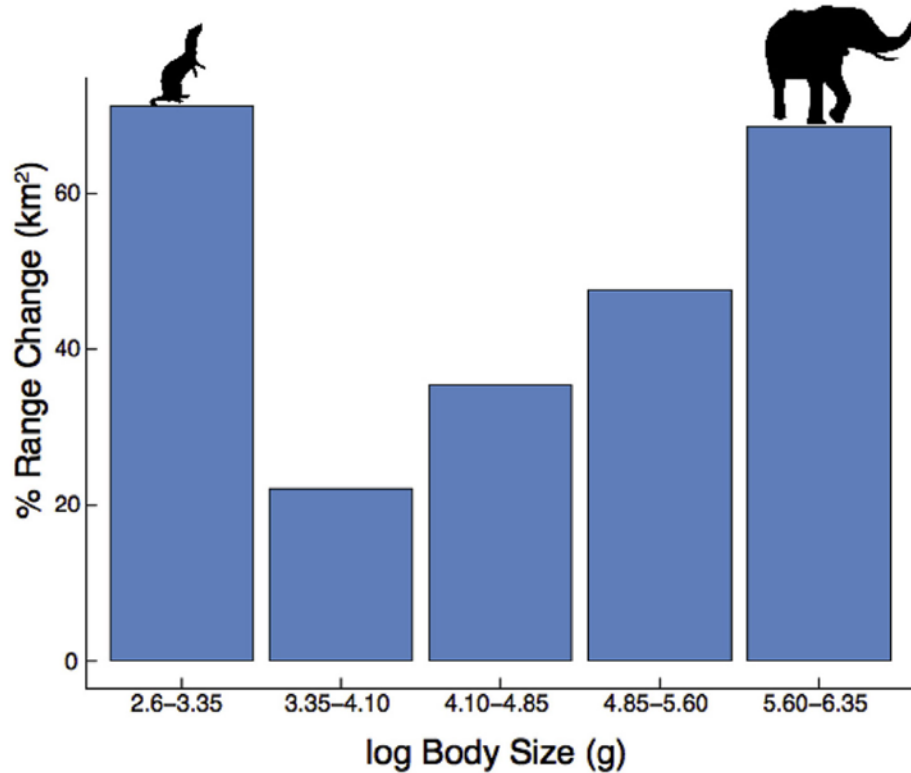


Fig. 11. Geographic range reductions from historic to future time intervals by body size.

Brown, 1995). Habitat fragmentation is yet another way in which large-bodied mammals suffer disproportionately from human activities (Crooks et al., 2017).

Not surprisingly, some mammals with small geographic ranges—often specialists—are at risk owing to wide-scale habitat restructuring by humans (Flannery and Schouten, 2001; Ripple et al., 2017). The bottom portion of the constraint envelope dropped an order of magnitude across body size classes from historic to modern times (Fig. 10e and f). Indeed, it is the bottom of the constraint envelope where species may be most vulnerable to extinction in the future (Brown and Maurer, 1987). Our future polygons (Fig. 10g and h) confirm this prediction; while mammals larger than ~130 kg have lost 50–70% of their range since historic times ($N = 78$ species), the smallest mammals (<3 kg) have on average experienced a 71% range contraction ($N = 3$ species; Fig. 11). Whether this is a universal pattern is unclear (but see Ripple et al., 2017).

Some species have benefited from the changes in ecosystem structure. Today, as large carnivores decline, mesocarnivores, such as the coyote (*Canis latrans*) are increasing both their range and population size, presumably owing to a reduction in competitive pressures (Ritchie and Johnson, 2009). Mesocarnivore release may also have occurred with the extinction of larger-bodied carnivores earlier in earth history (Pardi and Smith, 2016). The transformation of mesocarnivores into apex carnivores may influence the population dynamics of smaller mammals in communities (Prugh et al., 2009; Pardi and Smith, 2016). Indeed, across trophic guilds, we find that medium-sized mammals show the lowest range contractions from the historic to modern (Fig. 11). Moreover, examination of the terminal Pleistocene to modern demonstrated that smaller mammals displayed greater variation in range size shifts than did other mammals (Lyons et al., 2010).

3.3.2. Area, species richness and body mass

As has been reported elsewhere, there is a highly significant relationship between the size of the largest mammal species and the size of the land or ocean basin where it is found (Marquet and Taper, 1998; Burness et al., 2001; Smith et al., 2010b; Smith and Boyer, 2012). This is not a statistical artifact of larger areas having more species and thus increasing the probability of the evolution of larger animals (Marquet and Taper, 1998). Rather, it likely results from the positive scaling of resource availability and diversity with area, which provides more energy to maintain viable populations of large, low density, mammals (Marquet and Taper, 1998; Burness et al., 2001; McNab, 2010).

We find that body size downgrading over the late Quaternary changed the scaling relationship between maximum size and area (**Table 3**). Although the relationship remained highly significant even into the future, the slope shifted slightly and the intercept decreased as mammals were extirpated from islands. While the largest Cetacean is endangered (e.g., the blue whale, *Balaenoptera musculus*), other large whales are currently considered of Least Concern by the IUCN (e.g., the bowhead whale, *Balaena mysticetus*). Thus, the upper end of the relationship did not change appreciably going into the Future interval. Nor does the regression change substantially when marine mammals were eliminated altogether (Table 3). However, the y-intercept decreased by ~50% from the Pleistocene into the Future (Table 3), translating to slightly more than an order of magnitude decrease

Table 3. The relationship between the maximum size of mammals and area.

Interval	Age	With whales					Without whales				
		N	Slope	Intercept	p-value	R ²	N	Slope	Intercept	p-value	R ²
Pleistocene	Before 10 ka	92	0.77	1.59	<0.001	0.51	90	0.77	1.57	<0.001	0.47
Holocene	10–0	92	0.70	1.39	<0.001	0.56	90	0.68	1.47	<0.001	0.51
Modern		78	0.70	1.24	<0.001	0.56	76	0.66	1.34	<0.001	0.49
Future	+200 yrs	60	0.61	1.26	<0.001	0.54	58	0.54	1.50	<0.001	0.45

OLS regressions were conducted on log island area (km²) and log body mass (g). Regressions were done with and without whales.

in the size of the largest mammal supported by a given land area. For example, the largest mammal on the Greek island of Rhodes (1410 km²) during the Pleistocene was predicted to be ~10.8 kg; in the future, the largest mammal would ~0.8 kg.

As with other macroecological patterns affected by body size downgrading, these results suggest that relationships characterized using only modern data should be interpreted with caution and re-evaluated after the inclusion of fossil data. More importantly, continued body size downgrading is likely to have cascading effects on island ecosystems. Mammals on islands provide a prey base for other species including other mammals, reptiles, and birds. Carnivores in particular, are strongly influenced by extinctions. Moreover, the size of carnivores is correlated with the size of their prey (Raia and Meiri, 2006; Forsman, 1991; Goltsmann et al., 2005; Jessop et al., 2006). Such patterns have been documented for reptiles and mammals (Forsman, 1999; Raia and Meiri, 2006). As the size of prey decrease, the size and growth rate of carnivores dependent on them will be influenced, perhaps leading to restructuring of the carnivore guild (Goltsmann et al., 2005). Such changes have implications for the structure and energy flow through island ecosystems. Predicting just how ecosystem structure and function will change is complicated by other human impacts, including habitat alteration and human population density on islands.

Our analysis highlights the widespread extinctions on islands. Although 78% of the landmasses still contain mammals, most lost their largest species. These losses were widespread across islands of all sizes and were not a result of differential losses of large species on small islands. Moreover, 21% of the areas lost all of their native mammals entirely. In the future, ~40% of the islands we examined will contain

no native mammals. Island faunas of the future are likely to be very different as a result of the combined effects of extirpation and body size downgrading.

4. Conclusion and outlook

The loss of large-bodied mammals over the late Quaternary was severe, unique in Earth history, and occurred in a temporally and spatially transgressive manner. Moreover, body size downgrading was significantly related to increased human population density (e.g., Fig. 6) and not to changing climate (Fig. 9). As humans have migrated across Earth, from continent to continent, and from continents to islands, extinctions of large-bodied mammals have followed. Whether by default or design, humans have manipulated the environment since they became a dominant species on the planet (e.g., Decker et al., 2000; Purvis et al., 2000; Balmford et al., 2004; Lyons et al., 2004; Donlan et al., 2005, 2006; Dirzo et al., 2014; Young et al., 2016; Ceballos et al., 2015; Ripple et al., 2015, 2016, 2017). While the pace of extinctions has increased over time (Fig. 2), the size selectivity has decreased (Figs. 5 and 7), presumably owing to a change in the nature of the threats.

While considerable work has focused on the causes of some of these extinctions, particularly those at the terminal Pleistocene, what has been largely overlooked until fairly recently were the *consequences* of the loss of millions of large-bodied mammals on ecological landscapes (Smith et al., 2016b). Interestingly, it is only recently that we have begun appreciating the extent to which even near-time human activities have altered fundamental macroecological patterns (Smith and Boyer, 2012). For example, the original studies on BSD were based on extant ecosystems and hence did not include historical and/or pre-historical extinctions (e.g., Hutchinson and MacArthur, 1959; Brown and Maurer, 1987; Brown, 1995). To a large extent, this exclusive use of modern data reflected the considerable difficulty of compiling large datasets in the pre/ early internet days and a lack of computing power (Smith et al., 2008). Indeed, the first global database of mammals (e.g., MOM v1.0; Smith et al., 2003), which was constructed solely from the literature, was not released until 2003. But, it also reflected a lack of communication between biologists and paleontologists, who were traditionally housed in separate departments and sometimes even

colleges. Until recently, the fossil record was not typically incorporated into ecological work. Yet, what is "*past is prologue*" (Shakespeare, *The Tempest*, Act 2, Scene 1). Thus, incorporating studies of past extinction events can help bring about a synoptic understanding of what the decline and ultimate extinction of large-bodied animals may mean in terms of lost ecosystem function (e.g., Malhi et al., 2016; Smith et al., 2016a,b). This is now a vibrant area of research (e.g., Zimov et al., 1995; Johnson, 2009; Doughty et al., 2010; Smith et al., 2010a, 2015, 2016a,b, 2018; Werdelin and Lewis, 2013; Gill, 2014; Bakker et al., 2016; Pardi and Smith, 2016; Doughty et al., 2016a, b; Van Valkenburgh et al., 2016; Lyons et al., 2016a; Galetti et al., 2017; Pires et al., 2017; Bibi et al., 2017).

Here, we have explored a few of the large-scale patterns relating mammal body mass to diversity, energy use and community composition. We demonstrate that these macroecological patterns have been altered in fundamental ways with the increased density and expansion of humans over the late Quaternary, and subsequent loss of megafauna. However, there were likely many other emergent properties of ecosystems impacted that we do not discuss. Certainly, late Quaternary and future extinctions led, and will continue to lead, to the reorganization of ecological communities and shifts in the foraging niches of surviving species (e.g., Gill et al., 2009; Estes et al., 2011; Dirzo et al., 2014; Gill, 2014; Keesing and Young, 2014; Bakker et al., 2016; Smith et al., 2016b). But, the impact has been almost certainly much more widespread (Myers and Knoll, 2001). For example, the transition from the vast "mammoth steppe" of the Pleistocene to the more waterlogged habitats of the Holocene is at least partially owing to the absence of grazing and other activities by large-bodied mammals such as mammoth (Zimov et al., 1995; Johnson, 2009). Contemporary studies demonstrate an important role of elephants in maintaining grasslands and inhibiting woodland regeneration (Owen-Smith, 1989; Cumming et al., 1997; Whyte et al., 2003; Pringle, 2008; Keesing and Young, 2014; Asner et al., 2016; Bakker et al., 2016); because modern elephants are generally smaller than their Pleistocene congeners, this suggests extinct megaherbivores played an even more substantial role. Similarly, extant equids play a significant role in the dispersal of large-seeded plants (Western and Maitumo, 2004), and presumably did so in the past. The cascade of effects probably also influenced the distribution of smaller mammals (Pardi and Smith, 2016;

Smith et al., 2015; Van Valkenburgh et al., 2016). And, the absence of large herbivores likely altered biogeochemical cycling of nutrients such as carbon, sodium and nitrogen (Schmitz et al., 2014; Doughty et al., 2016a, b), as well as methane, an important greenhouse gas with global climate implications (Smith et al., 2010a, 2016a). In the absence of heavy grazing, water tables may have risen, leading to a slowdown in the rate of nutrient breakdown and recycling, an increase in organic matter accumulation and a decrease in soil fertility. Vegetative shifts influenced the albedo of the landscape changing heat absorption and reflectivity (Doughty et al., 2010). Many other potential unpredictable “emergent novelties” may arise owing to the absence of megafauna, including changes in the transmission and/ or frequency of disease, ecosystem homogenization, biodisparity impoverishment, and even changes in the evolutionary process itself (Myers and Knoll, 2001).

Our interest in characterizing fundamental macroecological patterns goes beyond an exercise in demonstrating how they have been altered by human activities over the late Quaternary. Modern ecological science informs conservation and management decisions (Kingland, 2002). Conservation biologists are especially concerned with maintaining large-bodied species, characterizing their role in communities, and developing an understanding of how their loss may “unravel” contemporary ecosystems. Coherent management decisions often employ quantitative data extracted from fundamental macroecological patterns. For example, the size of a wildlife reserve might be determined based on consideration of the body size-range size relationship of a target species. As we have shown, if this is done with modern data without regard to the prehistorical pattern, a distorted picture may emerge. Indeed, modern or future geographic ranges of mammals based on contemporary patterns actually may not be large enough to sustain viable populations (Ceballos and Ehrlich, 2002). Thus, an appreciation of deeper ecological history becomes increasingly imperative for conservation efforts.

The influence of humans on Earth ecosystems and biogeochemical processes has increased over time as our species has become more abundant, more widespread, and more technologically sophisticated. The advent of agriculture and the domestication of plants and animals transformed the landscape (Smith and Zeder, 2013); today, more than 55% of the Earth’s surface is urbanized (Ellis et al., 2010). Moreover, there has been a fundamental shift over the late Quaternary

from a world of wild mammals to one dominated by humans and our domesticated livestock (Barnosky, 2008; Smith et al., 2016a,b); today wildlife make up less than 10% of terrestrial mammal biomass (Smith et al., 2016b). Largely owing to ongoing human activities (Vitousek et al., 1997; Estes et al., 2011; Dirzo et al., 2014), the remaining species of large-bodied mammals on Earth are either vulnerable or endangered (<http://www.iucnredlist.org>). Here, we show that body size and trophic downgrading has been ongoing since at least the late Pleistocene, and moreover, that the loss of large-bodied mammals has already had many consequences on ecosystems. Future extinctions, if not halted, will likely lead to any number of unanticipated effects (Estes et al., 2011; Dirzo et al., 2014). Our analysis and review suggest that human activities measurably influenced global macroecological patterns, biogeochemical processes and even potentially climate long before the development of agriculture, complex civilizations and the industrial age. Indeed, the start of the Anthropocene arguably began with the evolution of our genus, *Homo*.

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Appendix A. Supplementary data Supplementary data related to this article can be found at: <http://biology.unm.edu/fasmith/Datasets/> and www.sciencemag.org/content/360/6386/310/suppl/DC1 and following the References.

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Supplementary Materials

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SUPPLEMENTARY MATERIALS

Materials and Methods

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MATERIALS AND METHODS

A. Data compilation and treatment

Data for the analyses were obtained from an updated version of MOM v10 (32), which included taxonomy, continental distribution, body mass, conservation status, and trophic affiliation for late Quaternary mammals (table S6). Additional species of extinct mammals were added from (33-160). Taxonomy was updated to agree with Mammal Species of the World v3.0 (MSW3; 34) as of September 2017. Current conservation status for each species was extracted from the IUCN Red List of Threatened Species (35). Because of differences or synonymies in the taxonomy recognized by the IUCN and that employed by Mammal Species of the World, the conservation status of ~11 modern species could not be readily determined. Because our focus was on nonvolant, terrestrial mammals, we eliminated all bats, marine or oceanic species, insular mammals, and introductions. Missing last occurrence dates for fossil species were obtained from the literature (36-159) and the Paleobiology database (160). Species were coded as 'extant' or 'extinct'. Extinct species were further binned into one of four time intervals representing the approximate date of their extinction— late Pleistocene (125-70 ka), end Pleistocene (70-20 ka), terminal Pleistocene (20-10 ka), and Holocene (10-0 ka). Our analysis ignores speciation; we assume that extant mammal species were also present at the late Pleistocene. Because the average species 'lifespan' of a mammal is 1-2 million years (163-167), this assumption likely introduces minimal error into our computations. This assumption also minimizes the effects of taphonomy and makes estimates of extinction selectivity for the late Pleistocene comparable to the estimates for the future. We also note that although the Late Quaternary fossil mammal record is quite good, there likely remain a small number of animals not yet described, and for some animals, affiliations and/or species status are unclear.

Additionally, any mammal species listed on the IUCN Red List (36) as near threatened, vulnerable, endangered, critically endangered, or extinct in the wild, was coded into a 5th category as a 'Future' (+200 years) extinction. We choose to include these because the conservation status of virtually all mammals in those threat categories has deteriorated over time; and current studies suggest their extinction is highly likely (1-6). The Red List is, of course, not a perfect predictor of the future state of the biosphere, but it represents our best and most comprehensive assessment of the probability that any given species will go extinct in the near future. Our analysis is somewhat conservative in that we do not include those mammals falling into the 'data deficient' category. These are mammals that are so poorly studied or rare that their conservation status is unclear; many likely fall into a threat category. We hypothesize that the 'Future' scenario represents a time approximately two centuries in the future, but the precise timing does not influence the outcome of the analysis. Setting a different threat level classification as the threshold for placing species into the *extinct* versus *surviving* categories for the future scenario does not substantially alter the outcome of the selectivity analysis. Our final data set for the late Quaternary included 3301 mammalian species (table S6). Of these, 37 were missing body mass information and so could not be used in analyses requiring a mass estimate. We computed statistical moments for extant and extinct species at each time interval using the 'moments' package in R (161, 162); summary statistics and analyses are presented in tables S1- S4 and fig. S1. All analyses for both the late Quaternary and Cenozoic datasets were conducted on log₁₀ transformed masses.

Trophic groups from MOM were collapsed into four general categories: herbivore, carnivore, insectivore and omnivore. Any species whose primary dietary designation was listed as a browser or grazer, irrespective of the type of forage (e.g., bamboo, roots and tubers, etc.), was considered an herbivore. Those whose primary designation indicated that were eating meat of any kind, including fish, but excluding insects and earthworms, was assigned as a carnivore. Species that exclusively eat insects were assigned as insectivores, and species whose dietary assignments were ambiguous or that mixed major dietary modes was considered an omnivore. Of the 3301 mammals in our dataset (table S6), we were unable to determine trophic classification for 150. These were mostly small, poorly described extant species (N=145), and 23 of these were also missing body mass information. Only five of these mammals were extinct, and these were equally spread among three continents. Ten animals with diet information were missing a body mass estimate. We computed the percentage of nonvolant terrestrial mammals of each guild over time on each continent (fig. S2).

The Cenozoic mammal database was compiled by co-author Lyons. Initial species lists were downloaded from the Paleobiology Database (160). Body masses were compiled from a variety of literature sources (32, 168-194). When

no mass was available, it was estimated from measurements on teeth using taxon-specific (usually order or family-level) regressions taken from Damuth and MacFadden (195). The M1 length or area was used preferentially, since regressions computed with that tooth have higher precision (195). The current database contains estimates on the body size of 3246 mammal species beginning in the late Jurassic through the late Pleistocene. We used the last 65 Ma for our analyses because Mesozoic data were too sparse to calculate robust measures of extinction selectivity at 1 Ma intervals. This left 2786 species for analysis (table S7). To obtain information on trophic affiliations, diet information was downloaded from the Paleobiology Database (PBDB). The Paleobiology Database often included information on diet at a finer scale than needed for our analyses. Therefore, diet was reclassified into carnivore, omnivore, herbivore, and insectivore as done for the modern/late Quaternary mammals. For example, a species labeled as a browser or grazer was coded as an herbivore in our analysis. If a species was classified in the PBDB as both meat eating and plant eating, we classified it as an omnivore. If a species was only classified to the coarse levels we needed, we accepted the PBDB classification. Table S7 includes the original PBDB information as well as our reclassifications. We also performed analyses at the guild level for rodents, herbivores, and carnivores. Rodents were defined based on membership in the order Rodentia. Herbivores were classified as described above. Carnivores were classified based on taxonomic identity (e.g., membership in the orders Carnivora or Creodontia). In this instance, mixed feeders such as *Ursus* (bears) were classified as being in the carnivore guild.

B. Analysis of selectivity

Extinction selectivity was quantified using logistic regression analysis. Survival status was treated as a binary outcome variable ('survived into the next time interval' versus 'did not survive') and \log_{10} -transformed body size was treated as the continuous predictor variable. The selectivity coefficients (table S3; Figs. 1,2) reflect the amount of change in the odds of extinction associated with a one \log_{10} -unit change in body mass. Analyses were conducted both as single regressions with log-transformed body mass as the only predictor of extinction and as multiple regressions (for the Late Pleistocene through Future intervals) in which extinction was predicted by body mass, trophic guild, and continent (table S5). Interactive effects were not considered due to the many potential interactions among trophic categories and continents; the consistency of selectivity among continents and trophic guilds (Fig. 2) suggests that interactive effects do not dominate the signal in this dataset. The associations between extinction and body mass obtained from the multiple regression analysis were larger than those obtained from the single regression, but the single regression results are reported in the main text because the fossil record dataset lacks sufficient information to conduct the same multiple regression analysis (table S5). In addition, the late Pleistocene and end-Pleistocene intervals contain too few victims in some trophic and continent categories to yield stable coefficients for all categories of the trophic and continent predictors. All analyses were performed using the R programming language

(version 3.2.1; 161) within the RStudio platform (version 0.99.451; 162), using the `glm()` function. For the analysis of Cenozoic fossil mammals, survival was assessed across million-year intervals.

We evaluated whether the distribution of late Pleistocene selectivity coefficients was significantly different from the distribution of Cenozoic coefficients in two ways. Both assess whether the distribution of selectivity coefficients come from the same overall distribution. Because the distributions of coefficients are fairly symmetrical around zero (Fig. 1; Fig. S3), we fit the selection coefficients to normal distributions: one for all the coefficients, one for Cenozoic only, and a third for late Pleistocene coefficients only. We calculated the exact probability of getting the Cenozoic coefficients and late Pleistocene coefficients from the overall normal distribution, and then separately for the Cenozoic and late Pleistocene distributions. We applied a standard log likelihood ratio test given that the null hypothesis (i.e., the late Pleistocene and Cenozoic share the same normal distribution) is a special case of the test hypothesis, that the Cenozoic and late Pleistocene have independent distributions. The second test was a Mann Whitney test, a non-parametric analog of the t-test, which assessed the probability of ranked coefficients being distributed as evenly as they were in the actual data set given a null assumption of an even distribution of ranks in both partitions. Both tests rejected the null hypothesis of a single distribution with extremely high levels of confidence (fig. S3). While many authors have noted differences between survivors and victims of the terminal Pleistocene and Holocene events, and noted the size bias in contemporary extinction risk (e.g., 1-7, 11-13, 22-25, 27), rarely have patterns been examined within the context of the entire Cenozoic mammal record. Alroy (196) concluded that the magnitude of terminal Pleistocene extinctions was higher than during five climatic ‘crisis’ events in North America with substantially more bias against large-bodied mammals, but he did not examine patterns on other continents. Thus, our work represents a unique and comprehensive characterization of extinction across the entire Cenozoic record.

C. Analysis of the effect of climate on extinction selectivity.

We examined the potential influence of temperature and temperature fluctuations on the body size selectivity of extinction using linear regression analysis. Climate data were extracted from a global compilation of Cenozoic oceanic oxygen and carbon isotopic data derived from fossil foraminifera (197) and available at ftp://ftp.ncdc.noaa.gov/pub/data/paleo/contributions_by_author/zachos2001/zachos2001.txt. We calculated mean temperature for the last 65 million years by averaging all values within one-million-year intervals (i.e., for 1 million years, temperatures were averaged from 2-1 million years; table S3). We ran linear regressions using the ‘lm’ function in R using mean temperature and standard deviation of temperature within bins, and the difference between the mean temperatures of adjacent time bins (fig. S4). When analyzing the relationship between standard

deviation of temperature and selectivity, selection against large size was analyzed separately from selection against small size. This is because we wanted to know if larger climate fluctuations were associated with larger selectivity. We found no significant relationship between body size selectivity and any of the measures of climate: neither warmer, nor cooler temperatures led to preferential extinction of large (or small-bodied) mammals (fig. S4). Similarly, fluctuations in climate also did not lead to body size bias in extinction risk.

D. Tests of body size distributions

For each time step, we wanted to know if the extinctions that occurred resulted in significant changes to the shape of the body size distribution for that continent. Changes to body size distributions over the last 125 ka were assessed using Kolomorgorov-Smirnov tests in R studio (162). For each continent and time period, body size distributions were compared to the preceding time period to determine if there were significant differences associated with the extinctions that occurred at that time (Table S4).

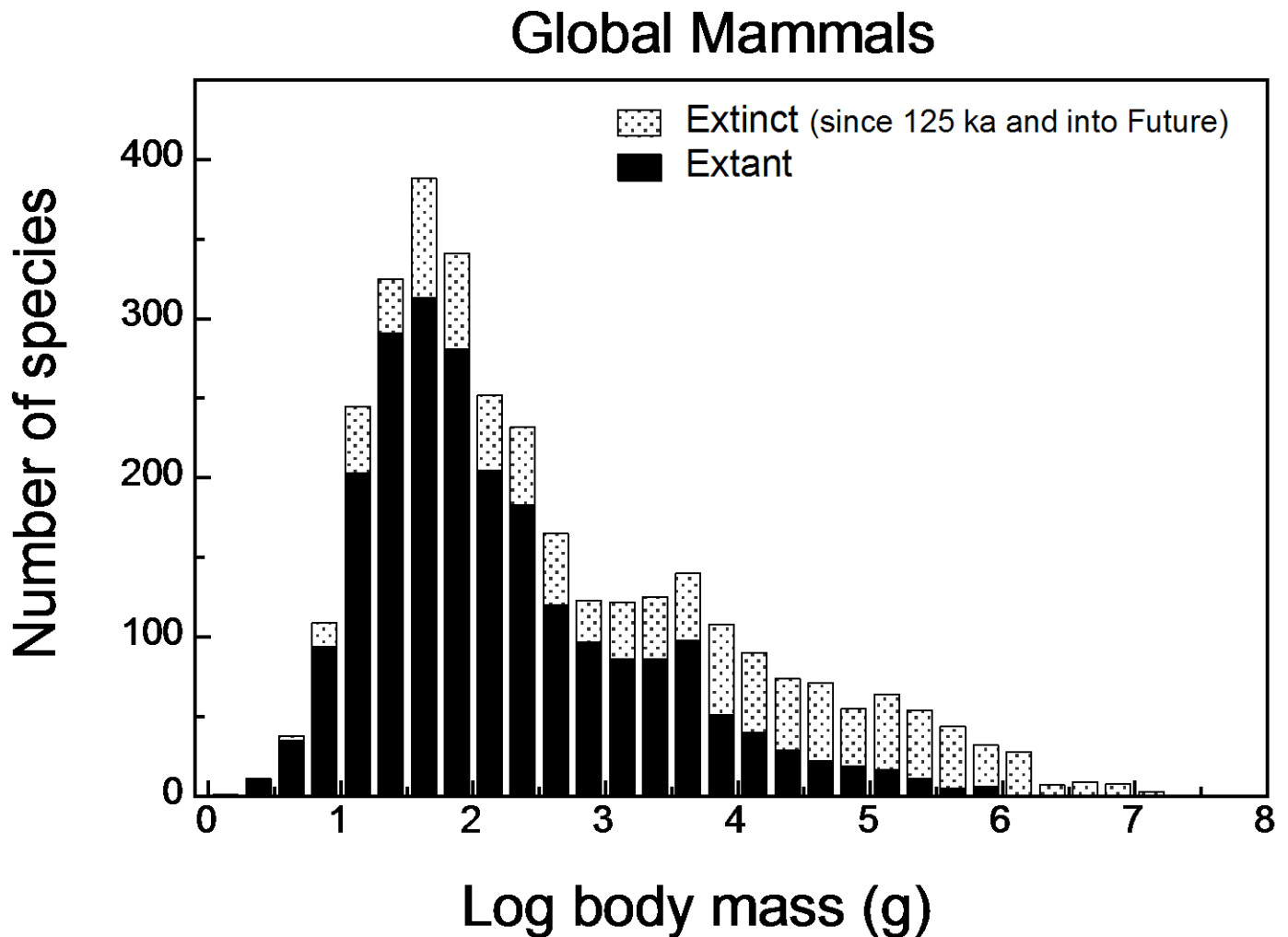


Fig. S1. The global body size distribution of terrestrial, nonvolant mammals. Black stipling is what the global distribution of mammals would look like without human-mediated extinctions over the late Quaternary; it includes extinct mammals from the late Pleistocene through present as well as those projected to go extinct in the near Future (e.g., LP-F). The black distribution represents the remaining mammals, and is what the global distribution of mammal body mass will look like in ca. 200 years if further extinctions occur as described in the text.

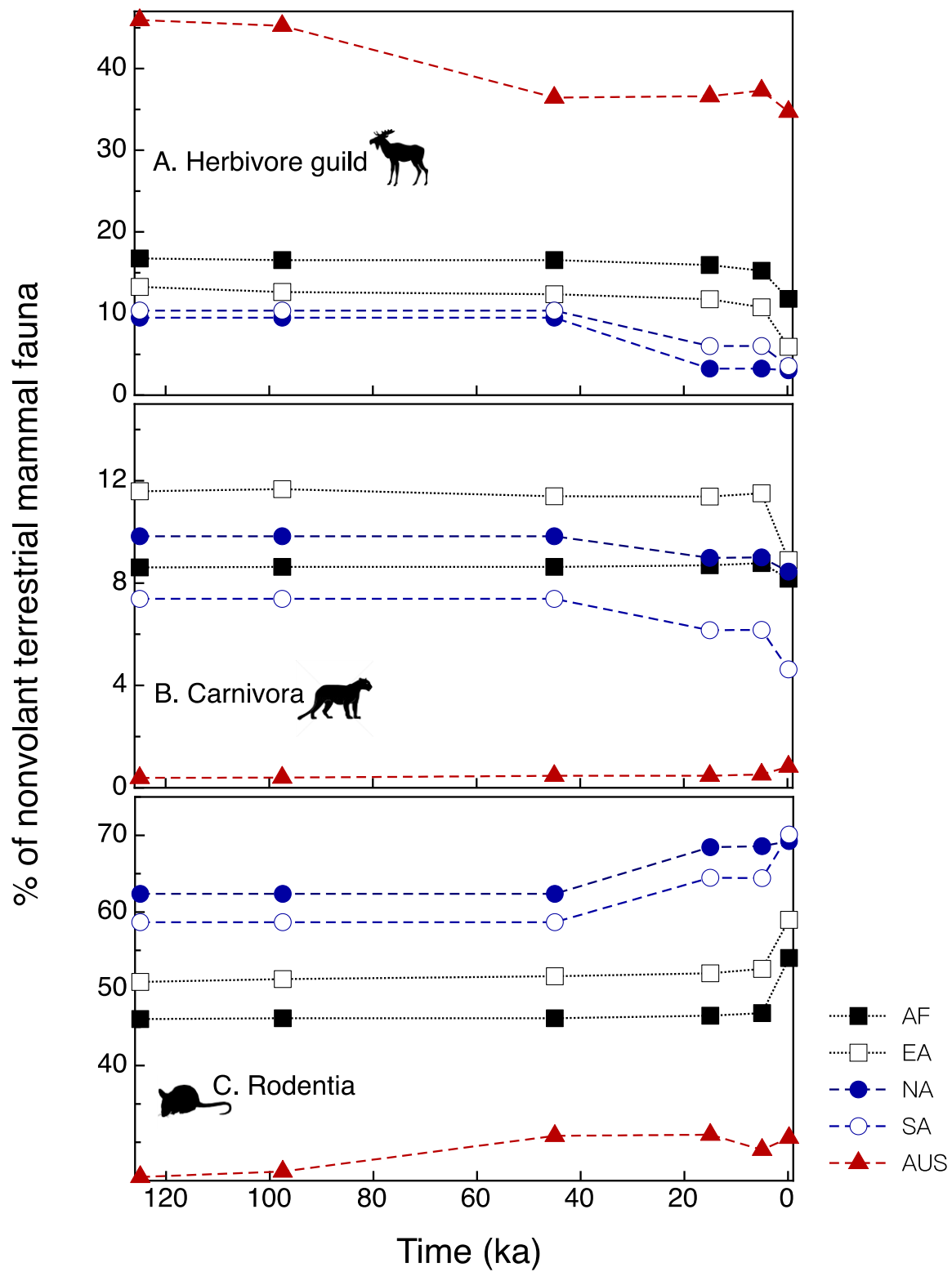


Fig. S2. Representation of herbivores, carnivores and rodents in the terrestrial, nonvolant mammalian continental fauna. Legend: AF = Africa, EA = Eurasia, NA = North America, SA = South America.

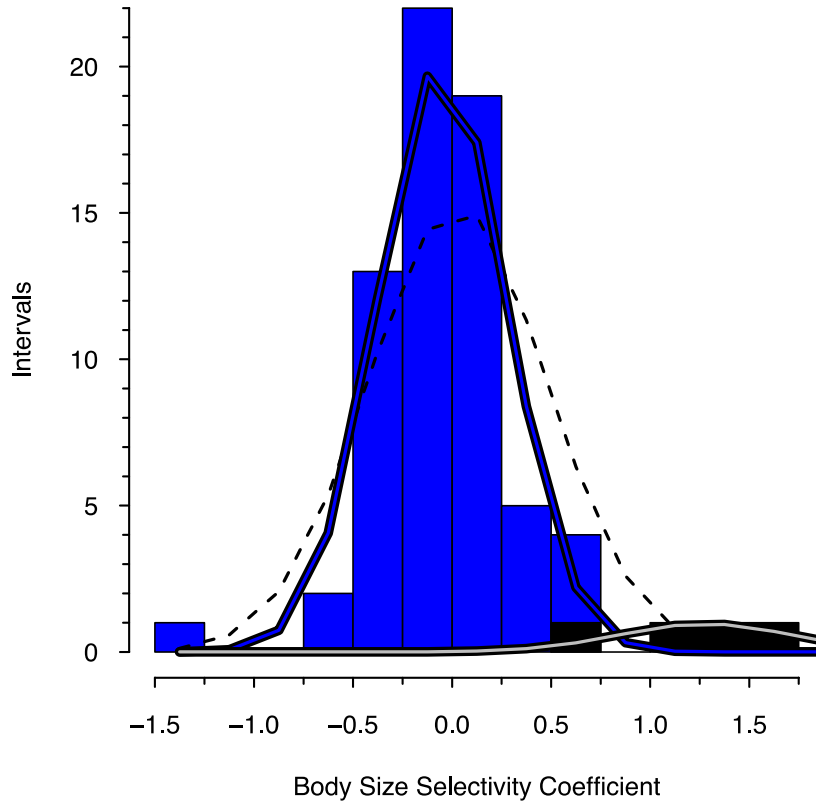


Fig. S3. Stacked histogram of body size selectivity coefficients. Cenozoic indicated by blue shading and late Pleistocene by black shading. Lines represent the separate best fit normal distributions: all coefficients (dashed line); Cenozoic (solid blue line with black outline); late Pleistocene (solid white line with black outlines). Mann-Whitney tests indicate that the Cenozoic and late Pleistocene selectivity coefficients came from different distributions ($U = 0$, $p = 0.0008$). The log likelihood of the null hypothesis was -136.6, and the log likelihood of the test hypothesis was -116.0 (i.e., the distributions of selectivity coefficients were 8.4×10^8 times more probable given the test hypothesis of two different distributions). This is significant at $p = 1.5 \times 10^{-10}$ using a log likelihood ratio test.

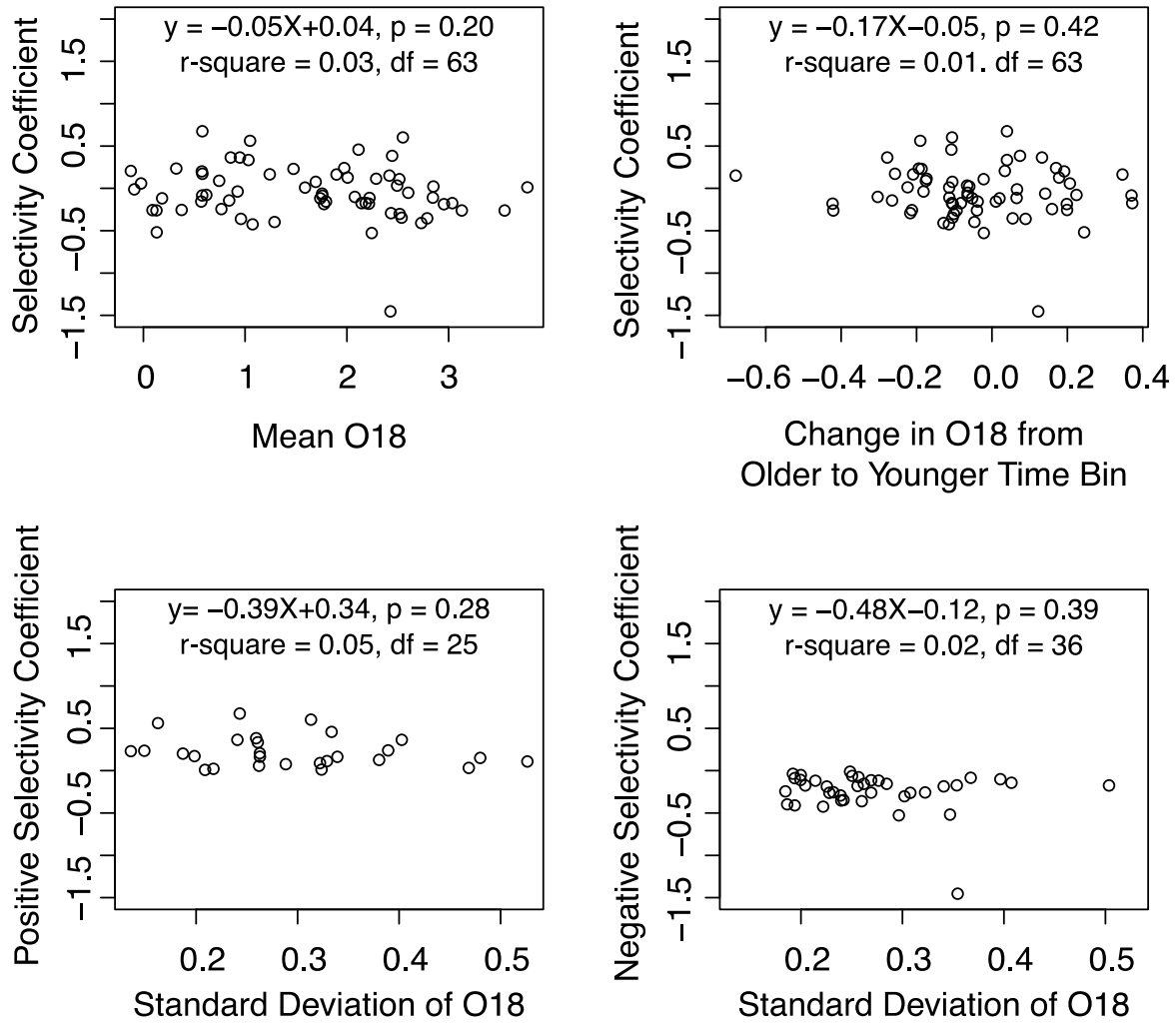


Fig. S4. Results of linear regressions between temperature and body size selectivity. OLS regressions were used to determine the if body size selectivity was related to mean temperate (upper left), first differences of temperature from an older to younger temporal bin (upper right), or standard deviation of temperature (lower panels). The relationship between positive (lower left) and negative (lower right) selectivity coefficients and climate variability within a temporal bin were analyzed separately (See SI part C). Body size selectivity was never significantly related to any of the measures of climate and climate variability we used. Climate data are from (197) and body size coefficients are from table S3. Results of regression equations are presented in equation form with each panel. p = p-value, r^2 = r-square, df = degrees of freedom.

Table S1. Summary statistics of extinct and extant terrestrial, non-volant, native mammals on each continent for each time period. More LP, EP and TP extinctions are known, but mass estimates are unavailable. These are without exception large-bodied forms, which would likely increase the degree of selectivity for these events. Mammal species without body mass estimates are excluded from statistical analyses.

SURVIVING SPECIES									EXTINCT SPECIES								
Data Set	Count	Mean (g)	Median (g)	Min (g)	Max (g)	Std. Deviation	Skew	Kurtosis	Data Set	Count	Mean (g)	Median (g)	Min (g)	Max (g)	Std. Deviation	Skew	Kurtosis
Prior to extinctions																	
GLOBAL	3301	80711	145	2	13300000	593631.3	13.91	236.06									
AF	844	47409	81	2	6500000	327543.9	13.48	223.06									
AUS	259	36567	525	4	1500000	138935.5	6.92	60.35									
EA	837	97798	157	2	13300000	785549.9	13.46	203.62									
NA	590	97998	124	2	10800000	703126.3	11.67	151.27									
SA	771	100324	225	5	7580000	582939.7	8.94	92.58									
LATE PLEISTOCENE EXTINCTIONS (LP) -- 125-70 ka																	
GLOBAL	3288	69019	143	2	10800000	475297.5	12.95	205.16	GLOBAL	13	3004538	173000	10000	13300000	5034024.0	1.37	3.06
AF	844	47409	81	2	6500000	327543.9	13.48	223.06	AF	0							
AUS	252	35034	500	4	1500000	140270.1	6.94	60.01	AUS	7	91771	100000	10000	173000	57247.1	-0.16	1.91
EA	831	51037	154	2	5500000	327429.3	12.10	174.92	EA	6	6402765	5224779	549541	13300000	5922836.7	0.17	1.21
NA	590	97998	124	2	10800000	703126.3	11.67	151.27	NA	0							
SA	771	100324	225	5	7580000	582939.7	8.94	92.58	SA	0							
END PLEISTOCENE EXTINCTIONS (EP) -- 70-20 ka																	
GLOBAL	3237	65728	136	2	10800000	475095.8	13.14	208.74	GLOBAL	51	293366	118000	5000	2000000	438160.2	2.39	8.37
AF	838	44514	80	2	6500000	320460.3	14.18	242.88	AF	6	1250000	1250000	500000	2000000	1060660.2	0.00	1.00
AUS	213	4646	133	4	420000	29251.6	13.56	192.69	AUS	39	201000	100000	5000	1500000	302892.5	2.72	10.58
EA	825	47123	150	2	5500000	322446.6	12.64	187.29	EA	6	574870	400000	69984	1599558	562409.7	1.08	2.87
NA	590	97998	124	2	10800000	703126.3	11.67	151.27	NA	0							
SA	771	100324	225	5	7580000	582939.7	8.94	92.58	SA	0							
TERMINAL PLEISTOCENE EXTINCTIONS (TP) -- 20-10 ka																	
GLOBAL	3080	17814	119	2	3940034	132754.2	17.84	413.80	GLOBAL	157	1021194	317000	20	10800000	1854113.5	2.86	11.29
AF	830	29547	79	2	3940034	198113.8	14.36	248.16	AF	8	1806356	899995	44500	6500000	2273818.6	1.45	3.66
AUS	213	4646	133	4	420000	29251.6	13.56	192.69	AUS	0							
EA	817	27608	147	2	2720000	155848.9	11.03	153.32	EA	8	1986371	774921	39994	5500000	2194532.8	0.77	1.87
NA	523	7646	84	2	579255	45906.0	8.64	84.76	NA	67	812597	236500	20	10800000	1965638.1	3.71	16.41
SA	697	4409	164	5	480000	26252.9	12.25	187.83	SA	74	1028830	350000	144	7580000	1644521.8	2.45	8.40
HOLOCENE EXTINCTIONS (H) -- 10-0 ka																	
GLOBAL	3039	16840	115	2	3940034	131824.5	18.35	431.05	GLOBAL	41	91102	3250	38	900000	177419.7	2.85	12.19
AF	820	27464	77	2	3940034	196185.3	14.86	261.05	AF	10	218228	150000	55	900000	284658.5	1.69	4.77
AUS	193	4859	127	4	420000	30653.9	12.99	176.14	AUS	20	2591	277	38	30000	6848.4	3.50	14.30
EA	808	25854	147	2	2720000	155101.0	11.31	158.51	EA	9	180796	149000	12000	431250	153112.1	0.39	1.76
NA	522	7659	84	2	579255	45949.2	8.63	84.59	NA	1	945	945	945	945			
SA	696	4416	165	5	480000	26271.3	12.24	187.57	SA	1	97	97	97	97			
FUTURE EXTINCTIONS (F) -- ca. +0.2 ka																	
GLOBAL	2328	6944	83	2	900000	46621.9	12.81	201.95	GLOBAL	711	49151	758	4	3940034	256368.8	10.04	122.95
AF	649	11570	62	2	900000	62178.9	9.41	108.57	AF	171	87766	2109	4	3940034	407466.0	7.44	63.13
AUS	120	2963	62	4	46250	7022.8	3.45	16.72	AUS	73	7975	525	20	420000	49075.6	8.27	69.97
EA	599	9080	89	2	900000	59705.8	11.18	146.69	EA	209	73394	5150	8	2720000	281712.6	6.48	50.91
NA	412	4859	73	2	368502	29691.3	9.95	112.48	NA	110	18121	138	7	579255	81341.0	5.28	31.25
SA	548	1669	110	5	142500	9354.1	11.34	148.92	SA	148	14587	548	21	480000	52964.2	6.28	48.41

Table S2. Alpha diversity over the late Quaternary of nonvolant, terrestrial native mammals on each continent. Introduced, volant, and marine species removed from analysis.

Time (ka)	Africa	Australia	Eurasia	North America	South America
~125 ka	836	259	837	590	772
Late Pleistocene	834	252	831	590	772
End Pleistocene	834	214	825	590	772
Terminal Pleistocene	828	213	817	523	698
Holocene	820	193	808	522	697
Future	649	120	599	412	548
% biodiversity loss from 125 ka to modern	1.9	25.5	3.5	11.5	9.7
% loss from 125ka to future (+0.2 ka)	22.4	53.7	28.4	30.2	29.0

Table S3. Body size selectivity coefficients and climate data for the Cenozoic

Time (Ma, unless otherwise specified)	Coefficient	Length of 95% confidence interval	Mean 18O	Standard Deviation 18O	Difference in 18O between adjacent temporal bins
Future (ca. +200 years)	0.570	0.074	NA	NA	NA
Holocene (10 to 0 ka)	0.721	0.227	NA	NA	NA
Terminal Pleistocene (20-10 ka)	1.741	0.210	NA	NA	NA
End Pleistocene (70-20 ka)	1.186	0.240	NA	NA	NA
Late Pleistocene (125-70 ka)	1.466	0.523	NA	NA	NA
1	0.012	0.162	3.78	0.32	-0.22
2	-0.262	0.183	3.55	0.31	-0.42
3	-0.261	0.163	3.13	0.23	-0.09
4	-0.174	0.228	3.04	0.20	-0.08
5	-0.187	0.252	2.95	0.23	-0.10
6	0.022	0.249	2.85	0.22	-0.06
7	-0.353	0.220	2.79	0.24	0.06
8	-0.110	0.213	2.84	0.20	-0.11
9	-0.410	0.230	2.73	0.19	-0.13
10	-0.052	0.261	2.60	0.20	-0.06
11	-0.347	0.172	2.54	0.24	-0.10
12	-0.293	0.177	2.43	0.24	-0.22
13	-0.181	0.172	2.22	0.26	-0.42
14	-0.156	0.214	1.79	0.26	-0.04
15	-0.062	0.193	1.76	0.25	0.14
16	0.164	0.261	1.90	0.34	0.35
17	-0.528	0.225	2.24	0.30	-0.02

18	-0.113	0.290	2.22	0.27	0.07
19	0.114	0.387	2.29	0.33	-0.17
20	0.458	0.394	2.12	0.33	-0.11
21	0.127	0.263	2.01	0.38	0.18
22	-0.173	0.346	2.18	0.35	-0.11
23	-0.101	0.311	2.08	0.40	-0.30
24	-0.186	0.290	1.77	0.34	0.20
25	0.240	0.363	1.97	0.39	0.17
26	-0.175	1.129	2.14	0.50	0.37
27	0.108	0.776	2.52	0.53	-0.02
28	0.033	0.724	2.49	0.47	-0.07
29	-1.453	1.084	2.43	0.35	0.12
30	0.602	0.839	2.55	0.31	-0.11
31	0.384	0.449	2.44	0.26	0.07
32	-0.302	0.309	2.52	0.30	-0.10
33	0.150	0.310	2.42	0.48	-0.68
34	-0.118	0.406	1.74	0.21	0.02
35	-0.088	0.306	1.76	0.19	-0.06
36	0.076	0.247	1.69	0.28	-0.11
37	0.010	0.297	1.59	0.21	-0.11
38	0.230	0.474	1.48	0.14	-0.19
39	-0.398	0.384	1.29	0.19	-0.05
40	0.165	0.339	1.24	0.26	-0.21
41	0.335	0.293	1.03	0.26	0.04
42	-0.425	0.314	1.07	0.22	-0.11
43	-0.361	0.337	0.96	0.26	0.09
44	0.562	0.394	1.05	0.16	-0.19
45	0.364	0.375	0.86	0.24	-0.28
46	0.172	0.275	0.58	0.20	-0.26
47	0.234	0.492	0.32	0.15	-0.19
48	-0.260	0.442	0.13	0.27	-0.04
49	-0.258	0.512	0.09	0.32	-0.21
50	0.206	0.326	-0.12	0.26	0.03

51	-0.012	0.426	-0.09	0.25	0.07
52	0.058	0.305	-0.02	0.26	0.21
53	-0.117	0.296	0.18	0.28	-0.05
54	-0.518	0.370	0.13	0.35	0.24
55	-0.255	0.394	0.36	0.23	0.20
56	0.201	0.353	0.57	0.19	0.19
57	-0.245	0.328	0.76	0.18	0.16
58	-0.037	0.308	0.93	0.19	-0.18
59	0.089	0.378	0.74	0.32	-0.18
60	-0.155	0.368	0.57	0.28	0.01
61	0.674	0.509	0.58	0.24	0.04
62	-0.078	0.741	0.62	0.26	0.22
63	-0.143	0.600	0.84	0.41	-0.26
64	-0.084	0.684	0.58	0.37	0.37
65	0.364	1.014	0.95	0.40	0.13

Table S4. Statistics on continental distributions over time. Tests were formed to examine the change in distribution on each continent from one time period to the next. D is the K-S test statistic; p, the p-value.

Time comparison (ka)	Africa		Australia		Eurasia		North America		South America	
	D	p	D	p	D	p	D	p	D	p
125 to 70	0.00	1.00	0.00	1.00	0.02	1.00	0.00	1.00	0.00	1.00
70 to 20	0.002	1.00	0.13	0.04	0.01	1.00	0.00	1.00	0.00	1.00
20 to 10	0.01	1.00	0.03	1.00	0.00	1.00	0.88	0.03	0.08	0.01
10 to 0	0.01	1.00	0.03	1.00	0.01	1.00	0.002	1.00	0.01	1.00
0 to -0.2	0.05	0.23	0.12	0.22	0.11	<0.001	0.04	0.94	0.06	0.16

Table S5. Comparison of results from single logistic regression of extinction as a function of body mass to results from a multiple logistic regression analysis of extinction as a function of body mass, continent, and trophic guild.

	Single regression analysis (extinction ~ body mass)	Multiple regression analysis (extinction ~ body mass + continent + trophic guild)							
Time Interval	Body size coefficient (95% CI)	Body size coefficient (95% CI)	Herbivore coefficient (95% CI)	Omnivore Coefficient (95% CI)	Insectivore coefficient (95% CI)	Australia coefficient (95% CI)	North America coefficient (95% CI)	Eurasia coefficient (95% CI)	South America coefficient (95% CI)
Future (ca. +200 years)	0.57 (0.07)	0.65 (0.09)	-0.24 (0.17)	-0.17 (0.20)	0.54 (0.21)	0.94 (0.18)	0.27 (0.15)	0.24 (0.13)	0.18 (0.14)
Holocene (10 to 0 ka)	0.72 (0.23)	0.71 (0.29)	0.71 (0.75)	-0.93 (1.26)	-0.07 (1.06)	2.45 (0.44)	-1.35 (1.07)	0.04 (0.48)	-1.64 (1.07)
Terminal Pleistocene (20-10 ka)	1.74 (0.21)	2.05 (0.28)	-0.18 (0.36)	0.44 (0.56)	-0.35 (0.79)	-12.82 (623.52)	3.97 (0.50)	0.13 (0.58)	3.55 (0.49)
End Pleistocene (70-20 ka)	1.19 (0.24)	3.07 (0.88)	-1.68 (0.78)	-16.11 (2283.63)	-16.00 (2419.97)	7.42 (1.13)	-18.03 (2198.96)	1.22 (0.92)	-17.97 (1959.24)
Late Pleistocene (125-70 ka)	1.47 (0.52)	2.55 (1.02)	17.49 (6590.96)	3.19 (7519.34)	22.46 (6590.96)	21.12 (3392.52)	-0.44 (5077.90)	19.02 (3392.52)	-0.92 (4728.32)
Late Quaternary (125-0 ka)	1.49 (0.15)	1.75 (0.19)	1.74 (0.10)	0.05 (0.54)	-0.09 (0.28)	-0.17 (0.47)	0.53 (0.37)	3.91 (0.38)	2.74 (0.36)
Late Quaternary plus Future (125ka to ca. +200 years)	0.76 (0.07)	0.84 (0.08)	0.83 (0.04)	0.29 (0.13)	1.44 (0.17)	0.50 (0.14)	-0.29 (0.16)	0.34 (0.13)	0.59 (0.20)

Table S6 - Late Quaternary mammal data

Continent	Order	FAMILY	Genus	Species	Common	Log(Mass)	Combined Mass (g)	Status	Time of extinction	Last.Occurrence.kybp.	IUCN.Redlist. status	trophic
AF	Afrosoricida	Chrysochloridae	<i>Amblysomus</i>	<i>hottentotus</i>	Hottentot Golden Mole, Zulu Golden Mole	1.72	53	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Calcochloris</i>	<i>obtusirostris</i>	Yellow Golden Mole	1.38	24	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Calcochloris</i>	<i>tytonis</i>	Somali Golden Mole	1.38	24	extant	0	NA	DD	insect
AF	Afrosoricida	Chrysochloridae	<i>Carpitalpa</i>	<i>arendsi</i>	Arend's Golden Mole	1.72	52	extant	Future	NA	VU	insect
AF	Afrosoricida	Chrysochloridae	<i>Chlorotalpa</i>	<i>duthieae</i>	Duthie's Golden Mole	1.61	41	extant	Future	NA	VU	insect
AF	Afrosoricida	Chrysochloridae	<i>Chlorotalpa</i>	<i>sclateri</i>	Sclater's Golden Mole	1.61	41	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Chrysochloris</i>	<i>asiatica</i>	Cape Golden Mole	1.69	49	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Chrysochloris</i>	<i>stuhlmanni</i>	Stuhlmann's Golden Mole	1.60	40	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Chrysochloris</i>	<i>visagiei</i>	Visagie's Golden Mole	1.48	30	extant	0	NA	DD	insect
AF	Afrosoricida	Chrysochloridae	<i>Chrysospalax</i>	<i>trevelyani</i>	Giant Golden Mole	2.63	427	extant	Future	NA	EN	insect
AF	Afrosoricida	Chrysochloridae	<i>Chrysospalax</i>	<i>villosus</i>	Rough-haired Golden Mole	2.08	120	extant	Future	NA	VU	insect
AF	Afrosoricida	Chrysochloridae	<i>Cryptochloris</i>	<i>wintoni</i>	De Winton's Golden Mole	1.40	25	extant	Future	NA	CR	insect
AF	Afrosoricida	Chrysochloridae	<i>Cryptochloris</i>	<i>zyli</i>	Van Zyl's Golden Mole	1.40	25	extant	Future	NA	EN	insect
AF	Afrosoricida	Chrysochloridae	<i>Eremitalpa</i>	<i>granti</i>	Grant's Golden Mole	1.42	26	extant	0	NA	LC	insect
AF	Afrosoricida	Chrysochloridae	<i>Neamblysomus</i>	<i>gunningi</i>	Gunning's Golden Mole	1.45	28	extant	Future	NA	EN	insect
AF	Afrosoricida	Chrysochloridae	<i>Neamblysomus</i>	<i>julianae</i>	Juliana's Golden Mole	1.34	22	extant	Future	NA	EN	insect
AF	Afrosoricida	Tenrecidae	<i>Micropotamogale</i>	<i>lamottei</i>	Nimba Otter Shrew, Pygmy Otter-shrew	1.84	70	extant	Future	NA	NT	piscivore
AF	Afrosoricida	Tenrecidae	<i>Micropotamogale</i>	<i>ruwenzorii</i>	Rwenzori Otter Shrew, Ruwenzori Otter Shrew	1.99	99	extant	0	NA	LC	invert
AF	Afrosoricida	Tenrecidae	<i>Potamogale</i>	<i>velox</i>	Giant Otter Shrew, Giant Otter-shrew	2.82	660	extant	0	NA	LC	piscivore
AF	Artiodactyla	Bovidae	<i>Addax</i>	<i>nasomaculatus</i>	Addax	4.85	70000	extant	Future	NA	CR	graze
AF	Artiodactyla	Bovidae	<i>Aepyceros</i>	<i>melampus</i>	Impala, Black-faced Impala, Common Impala	4.72	52500	extant	0	NA	LC	graze/browse
AF	Artiodactyla	Bovidae	<i>Alcelaphus</i>	<i>buselaphus</i>	Hartebeest	5.23	171002	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Alcelaphus</i>	<i>lichtensteinii</i>	Lichtenstein's hartebeest	5.23	171498	extant	0	NA	LC	Graze
AF	Artiodactyla	Bovidae	<i>Ammodorcas</i>	<i>clarkei</i>	Dibatag, Clarke's Gazelle	4.45	28050	extant	Future	NA	VU	Browse
AF	Artiodactyla	Bovidae	<i>Ammotragus</i>	<i>lervia</i>	Aoudad, Uaddan, Barbary Sheep	4.68	48000	extant	Future	NA	VU	graze/browse
AF	Artiodactyla	Bovidae	<i>Antidorcas</i>	<i>australis</i>	southern springbok	4.60	40000	extinct	Holocene	7	EX	graze/browse
AF	Artiodactyla	Bovidae	<i>Antidorcas</i>	<i>bondi</i>	Bond's springbok	4.53	34000	extinct	Holocene	7	EX	graze/browse
AF	Artiodactyla	Bovidae	<i>Antidorcas</i>	<i>marsupialis</i>	Springbok	4.50	31500	extant	0	NA	LC	graze/browse
AF	Artiodactyla	Bovidae	<i>Beatragus</i>	<i>hunteri</i>	Hirola, Hunter's Antelope, Hirola, Hunter's Hartebeest	4.90	80000	extant	Future	NA	CR	graze
AF	Artiodactyla	Bovidae	<i>Bos</i>	<i>primigenius</i>	cattle	5.95	900000	extinct	Holocene	6	EX	graze
AF	Artiodactyla	Bovidae	<i>Bos</i>	<i>taurus</i>	cattle	5.95	900000	extant	0	NA	LC	Graze
AF	Artiodactyla	Bovidae	<i>Capra</i>	<i>ibex</i>	Alpine Ibex, Ibex	5.00	101000	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Capra</i>	<i>nubiana</i>	Nubian Ibex	4.90	79000	extant	Future	NA	VU	browse/graze
AF	Artiodactyla	Bovidae	<i>Capra</i>	<i>waliae</i>	Walia Ibex, Walia	5.00	100000	extant	Future	NA	EN	browse/graze

AF	Artiodactyla	Bovidae	<i>Capricornis</i>	<i>rubidus</i>	Red Serow	4.18	15000	extant	Future	NA	NT	Browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>adersi</i>	Aders' Duiker	3.97	9250	extant	Future	NA	CR	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>callipygus</i>	Peters' Duiker	4.26	18250	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>dorsalis</i>	Bay Duiker	4.30	20000	extant	Future	NA	NT	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>harveyi</i>	Harvey's Duiker, Harvey's Red Duiker, East African Red Duiker	4.16	14500	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>jentinki</i>	Jentink's Duiker	4.85	70000	extant	Future	NA	EN	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>leucogaster</i>	White-bellied Duiker	4.10	12700	extant	Future	NA	NT	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>monticola</i>		3.80	6250	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>natalensis</i>	Natal Red Duiker, Red Forest Duiker, Natal Duiker	4.08	12000	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>niger</i>	Black Duiker	4.31	20400	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>nigrifrons</i>	Black-fronted Duiker	4.14	13900	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>ogilbyi</i>	Ogilby's Duiker	4.30	20000	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>rufilatus</i>	Red-flanked Duiker	4.08	12000	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>silvicultor</i>	Yellow-backed Duiker	4.86	72500	extant	Future	NA	NT	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>spadix</i>	Abbott's Duiker, Minde	4.75	56000	extant	Future	NA	EN	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>weynsi</i>	Weyns's Duiker	4.23	17000	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Cephalophus</i>	<i>zebra</i>	Zebra Duiker, Banded Duiker, Zebra Antelope	4.24	17500	extant	Future	NA	VU	frug/browse
AF	Artiodactyla	Bovidae	<i>Connochaetes</i>	<i>gnou</i>	Black Wildebeest, White-tailed Gnu	5.26	179999	extant	0	NA	LC	graze/browse
AF	Artiodactyla	Bovidae	<i>Connochaetes</i>	<i>taurinus</i>	Common Wildebeest, White-bearded Wildebeest, Blue Wildebeest	5.26	179999	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Damaliscus</i>	<i>hypsodon</i>	related to wildebeest; was D. dorcas			extinct	TP	12.3	EX	graze
AF	Artiodactyla	Bovidae	<i>Damaliscus</i>	<i>lunatus</i>	Topi, Tsessebe, Tiang	5.13	136000	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Damaliscus</i>	<i>niro</i>				extinct	EP	63	EX	graze
AF	Artiodactyla	Bovidae	<i>Damaliscus</i>	<i>pygargus</i>	Blesbok, Bontebok	5.01	102000	extant	0	NA	LC	Graze
AF	Artiodactyla	Bovidae	<i>Dorcatragus</i>	<i>megalotis</i>	Beira, Beira Antelope	4.01	10250	extant	Future	NA	VU	Browse
AF	Artiodactyla	Bovidae	<i>Eudorcas</i>	<i>rufifrons</i>	Red-fronted Gazelle	4.43	27000	extant	Future	NA	VU	graze/browse
AF	Artiodactyla	Bovidae	<i>Eudorcas</i>	<i>rufina</i>	Red Gazelle	4.60	40000	extinct	Holocene	NA	EX	browse
AF	Artiodactyla	Bovidae	<i>Eudorcas</i>	<i>thomsonii</i>	Thomson's Gazelle	4.31	20500	extant	Future	NA	NT	Browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>atlantica</i>		4.65	44500	extinct	TP	11	EX	Browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>cuvieri</i>	Cuvier's Gazelle, Edmi	4.40	25000	extant	Future	NA	EN	graze/browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>dorcas</i>	Dorcas Gazelle	4.36	23000	extant	Future	NA	VU	Browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>gazella</i>	Mountain Gazelle, Idmi	4.35	22500	extant	Future	NA	VU	Browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>granti</i>	Grant's gazelle	4.74	55000	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>leptoceros</i>	Slender-horned Gazelle	4.35	22200	extant	Future	NA	EN	graze/browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>spekei</i>	*Speke's Gazelle	4.30	20000	extant	Future	NA	EN	graze/browse
AF	Artiodactyla	Bovidae	<i>Gazella</i>	<i>tingitana</i>				extinct	EP	37	EX	graze/browse
AF	Artiodactyla	Bovidae	<i>Hippotragus</i>	<i>equinus</i>	Roan Antelope	5.43	269998	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Hippotragus</i>	<i>leucophaeus</i>	Bluebuck, Blue Buck	5.18	150000	extinct	Holocene	0.2	EX	Graze
AF	Artiodactyla	Bovidae	<i>Hippotragus</i>	<i>niger</i>	Sable Antelope, Giant Sable Antelope	5.36	227499	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Kobus</i>	<i>ellipsiprymnus</i>	Waterbuck	5.32	210000	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Kobus</i>	<i>kob</i>	Kob	4.89	78500	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Kobus</i>	<i>leche</i>	Southern Lechwe	5.04	110749	extant	0	NA	LC	graze

AF	Artiodactyla	Bovidae	<i>Kobus</i>	<i>megaceros</i>	Nile Lechwe	4.94	87500	extant	Future	NA	EN	graze/browse
AF	Artiodactyla	Bovidae	<i>Kobus</i>	<i>vardonii</i>	Puku	4.85	71501	extant	Future	NA	NT	graze
AF	Artiodactyla	Bovidae	<i>Litocranius</i>	<i>walleri</i>	Gerenuk	4.58	38000	extant	Future	NA	NT	Browse
AF	Artiodactyla	Bovidae	<i>Madoqua</i>	<i>guentheri</i>	Guenther's Dik-dik, Gônther's Dik-dik	3.88	7500	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Madoqua</i>	<i>kirkii</i>	Kirk's Dik-dik	3.72	5300	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Madoqua</i>	<i>piacentinii</i>	Silver Dik-dik	3.40	2500	extant	0	NA	DD	Browse
AF	Artiodactyla	Bovidae	<i>Madoqua</i>	<i>saltiana</i>	Salt's Dik-dik	3.51	3250	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Megalotragus</i>	<i>priscus</i>	giant wildebeest	5.30	200000	extinct	Holocene	7.5	EX	Graze
AF	Artiodactyla	Bovidae	<i>Nanger</i>	<i>dama</i>	Dama Gazelle, Mhorr Gazelle, Addra Gazelle Gazelle de	4.86	73000	extant	Future	NA	CR	Browse
AF	Artiodactyla	Bovidae	<i>Nanger</i>	<i>soemmerringii</i>	Soemmerring, *Soemmerring's Gazelle	4.60	40000	extant	Future	NA	VU	browse/graze
AF	Artiodactyla	Bovidae	<i>Neotragus</i>	<i>batesi</i>	Bates' Pygmy Antelope, Dwarf Antelope	3.48	3000	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Neotragus</i>	<i>moschatus</i>	sunii	3.81	6500	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Neotragus</i>	<i>pygmaeus</i>	Royal Antelope	3.60	4000	extant	0	NA	LC	browse/frug
AF	Artiodactyla	Bovidae	<i>Oreotragus</i>	<i>oreotragus</i>	Klipspringer	4.11	13000	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Oryx</i>	<i>dammah</i>	Scimitar-horned Oryx	5.30	200000	extinct	Holocene	NA	EW	graze/browse
AF	Artiodactyla	Bovidae	<i>Oryx</i>	<i>gazella</i>	Gemsbok	5.23	169001	extant	0	NA	LC	graze/browse
AF	Artiodactyla	Bovidae	<i>Ourebia</i>	<i>ourebi</i>	Oribi	4.24	17250	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Pelea</i>	<i>capreolus</i>	Grey Rhebok, Rhebok, Common Rhebok, Vaal Rhebok	4.30	20000	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Pelorovis</i>	<i>antiquus</i>	giant buffalo	6.00	1000000	extinct	TP	11	EX	Graze
AF	Artiodactyla	Bovidae	<i>Philantomba</i>	<i>maxwellii</i>	Maxwell's Duiker	4.08	12000	extant	0	NA	LC	frug/browse
AF	Artiodactyla	Bovidae	<i>Raphicerus</i>	<i>campestris</i>	Steenbok	4.02	10500	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Raphicerus</i>	<i>melanotis</i>	Cape Grysbok	4.01	10250	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Raphicerus</i>	<i>sharppei</i>	Sharpe's Grysbok	3.98	9500	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Redunca</i>	<i>arundinum</i>	Southern Reedbuck	4.76	58000	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Redunca</i>	<i>fulvorufula</i>	Mountain Reedbuck	4.47	29500	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Redunca</i>	<i>redunca</i>	Bohor Reedbuck, Common Reedbuck	4.64	44050	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Sylvicapra</i>	<i>grimmia</i>	Common Duiker, Grey Duiker, Bush Duiker	4.29	19500	extant	0	NA	LC	browse/frug
AF	Artiodactyla	Bovidae	<i>Syncerus</i>	<i>caffer</i>	African Buffalo	5.76	580003	extant	0	NA	LC	graze
AF	Artiodactyla	Bovidae	<i>Taurotragus</i>	<i>derbianus</i>	giant eland	5.83	680000	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Taurotragus</i>	<i>oryx</i>	common eland	5.76	569994	extant	0	NA	LC	Browse
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>angasii</i>	Nyala	4.94	86600	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>buxtoni</i>	Mountain Nyala	5.33	215001	extant	Future	NA	EN	browse/graze
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>eurycerus</i>	Bongo	5.52	329003	extant	Future	NA	NT	browse/graze
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>imberbis</i>	Lesser Kudu	4.91	81576	extant	Future	NA	NT	Browse
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>scriptus</i>	Bushbuck	4.64	43250	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>spekii</i>	Sitatunga, Marshbuck	4.89	77999	extant	0	NA	LC	browse/graze
AF	Artiodactyla	Bovidae	<i>Tragelaphus</i>	<i>strepsiceros</i>	Greater Kudu	5.33	213501	extant	0	NA	LC	Browse
AF	Artiodactyla	Camelidae	<i>Camelus</i>	<i>thomasi</i>		5.70	500000	extinct	EP	24	EX	graze/browse

	AF	Artiodactyla	Cervidae	<i>Cervus</i>	<i>elaphus</i>	Red Deer, Bactrian Wapiti, Bokharan Deer, Bukhara Red Deer, Elk, Bactrian Deer, Wapiti, Bactrian Red Deer	5.19	156250	extant	0	NA	LC	Browse
	AF	Artiodactyla	Cervidae	<i>Megaceroides</i>	<i>algericus</i>		5.90	800000	extinct	TP	19	EX	Browse
	AF	Artiodactyla	Giraffidae	<i>Giraffa</i>	<i>camelopardalis</i>	Giraffe	5.95	899995	extant	Future	NA	VU	Browse
c	AF	Artiodactyla	Giraffidae	<i>Giraffa</i>	<i>jumae</i>	as big or > than modern sp. Might have been extinct by 1Ma but PBDB has younger age	5.95	899995	extinct	TP	12.6	EX	Browse
	AF	Artiodactyla	Giraffidae	<i>Okapia</i>	<i>johnstoni</i>	Okapi	5.36	230001	extant	Future	NA	EN	Browse
	AF	Artiodactyla	Hippopotamidae	<i>Hexaprotodon</i>	<i>liberiensis</i>	pygmy hippo	5.37	235001	extant	Future	NA	EN	graze/browse
	AF	Artiodactyla	Hippopotamidae	<i>Hippopotamus</i>	<i>amphibius</i>	Hippopotamus, Large Hippo, Common Hippopotamus	6.15	1417490	extant	Future	NA	VU	graze
	AF	Artiodactyla	Suidae	<i>Hylochoerus</i>	<i>meinertzhageni</i>	Forest Hog, Giant Forest Hog	5.28	188500	extant	0	NA	LC	graze/browse
	AF	Artiodactyla	Suidae	<i>Metridiochoerus</i>	<i>sp.</i>	giant warthog			extinct	EP	26	EX	omnivore
	AF	Artiodactyla	Suidae	<i>Phacochoerus</i>	<i>aethiopicus</i>	Desert Warthog, Somali Warthog, Cape Warthog	4.85	71000	extant	0	NA	LC	rowse/graze/fr
	AF	Artiodactyla	Suidae	<i>Phacochoerus</i>	<i>africanus</i>	Common Warthog, Warthog, Eritrean Warthog	4.92	82500	extant	0	NA	LC	graze/browse
	AF	Artiodactyla	Suidae	<i>Potamochoerus</i>	<i>larvatus</i>	Bushpig	4.99	97500	extant	0	NA	LC	wse/frug/gin:
	AF	Artiodactyla	Suidae	<i>Potamochoerus</i>	<i>porcus</i>	Red River Hog	4.85	70000	extant	0	NA	LC	wse/frug/gin:
	AF	Artiodactyla	Tragulidae	<i>Hyemoschus</i>	<i>aquaticus</i>	Water Chevrotain	4.04	10850	extant	0	NA	LC	frug/ginsect
	AF	Carnivora	Canidae	<i>Canis</i>	<i>adustus</i>	Side-striped Jackal	4.01	10250	extant	0	NA	LC	carn/ginsect
	AF	Carnivora	Canidae	<i>Canis</i>	<i>aureus</i>	Golden Jackal, Asiatic Jackal, Common Jackal	4.04	11000	extant	0	NA	LC	carn/ginsect
	AF	Carnivora	Canidae	<i>Canis</i>	<i>mesomelas</i>	Black-backed Jackal, Silver-backed Jackal	3.93	8500	extant	0	NA	LC	carn/ginsect
	AF	Carnivora	Canidae	<i>Canis</i>	<i>simensis</i>	Ethiopian Wolf, Simien Jackal, Simien Fox	4.00	10000	extant	Future	NA	EN	Carn
	AF	Carnivora	Canidae	<i>Lycaon</i>	<i>pictus</i>	African Wild Dog, Painted Hunting Dog, Cape Hunting Dog	4.34	22050	extant	Future	NA	EN	Carn
	AF	Carnivora	Canidae	<i>Otocyon</i>	<i>megalotis</i>	Bat-eared Fox	3.62	4150	extant	0	NA	LC	ginsect/carn
	AF	Carnivora	Canidae	<i>Vulpes</i>	<i>chama</i>	Cape Fox, Silver Jackal, Silver Fox	3.47	2955	extant	0	NA	LC	carn/ginsect
	AF	Carnivora	Canidae	<i>Vulpes</i>	<i>pallida</i>	Pale Fox, Pallid Fox, African Sand Fox	3.45	2800	extant	0	NA	LC	Carn
	AF	Carnivora	Canidae	<i>Vulpes</i>	<i>rueppellii</i>	Röppell's Fox, Sand Fox, Röppell's Sand Fox, Röppell's Fox	3.51	3250	extant	0	NA	LC	Carn
	AF	Carnivora	Canidae	<i>Vulpes</i>	<i>vulpes</i>	Red Fox, Silver Fox, Cross Fox	3.78	6000	extant	0	NA	LC	carn/ginsect
	AF	Carnivora	Canidae	<i>Vulpes</i>	<i>zerda</i>	Fennec Fox	3.04	1100	extant	0	NA	LC	ginsect/carn
	AF	Carnivora	Felidae	<i>Acinonyx</i>	<i>jubatus</i>	Cheetah, Hunting Leopard	4.64	43400	extant	Future	NA	VU	Carn

AF	Carnivora	Felidae	<i>Caracal</i>	<i>caracal</i>	Caracal, Desert Lynx, African Caracal, Asian Caracal	4.14	13750	extant	0	NA	LC	Carn
AF	Carnivora	Felidae	<i>Felis</i>	<i>chaus</i>	Jungle Cat, Swamp Cat, Reed Cat	3.83	6750	extant	0	NA	LC	Carn
AF	Carnivora	Felidae	<i>Felis</i>	<i>margarita</i>	Sand Cat, Sand Dune Cat	3.40	2525	extant	Future	NA	NT	Carn
AF	Carnivora	Felidae	<i>Felis</i>	<i>nigripes</i>	Black-footed Cat, Small-spotted Cat	3.11	1300	extant	Future	NA	VU	Carn
AF	Carnivora	Felidae	<i>Felis</i>	<i>silvestris</i>	Wild Cat, Wildcat	3.67	4650	extant	0	NA	LC	Carn
AF	Carnivora	Felidae	<i>Leptailurus</i>	<i>serval</i>	Serval	4.08	12000	extant	0	NA	LC	Carn
AF	Carnivora	Felidae	<i>Panthera</i>	<i>leo</i>	Lion, African Lion	5.21	161499	extant	Future	NA	VU	Carn
AF	Carnivora	Felidae	<i>Panthera</i>	<i>pardus</i>	Leopard	4.74	55000	extant	Future	NA	VU	Carn
AF	Carnivora	Felidae	<i>Profelis</i>	<i>aurata</i>	African Golden Cat, Golden Cat	4.03	10650	extant	Future	NA	VU	Carn
AF	Carnivora	Herpestidae	<i>Atilax</i>	<i>paludinosus</i>	Marsh Mongoose, Water Mongoose	3.52	3300	extant	0	NA	LC	invert/piscivor
AF	Carnivora	Herpestidae	<i>Bdeogale</i>	<i>crassicauda</i>	Bushy-tailed Mongoose	3.19	1550	extant	0	NA	LC	ginsect
AF	Carnivora	Herpestidae	<i>Bdeogale</i>	<i>jacksoni</i>	Jackson's Mongoose	3.40	2500	extant	Future	NA	NT	ginsect/carn
AF	Carnivora	Herpestidae	<i>Bdeogale</i>	<i>nigripes</i>	Black-legged Mongoose, Black-footed Mongoose	3.40	2500	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Crossarchus</i>	<i>alexandri</i>	Alexander's Cusimanse	3.18	1500	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Crossarchus</i>	<i>ansorgei</i>	Ansorge's Cusimanse, Angolan Cusimanse	2.85	700	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Crossarchus</i>	<i>obscurus</i>	Common Cusimanse, Long-nosed Cusimanse	3.10	1250	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Cynictis</i>	<i>penicillata</i>	Cusimanse, Yellow Mongoose	2.92	836	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Dologale</i>	<i>dybowskii</i>	Pousargues's Mongoose, Savanna Mongoose	2.54	350	extant	0	NA	DD	ginsect/carn
AF	Carnivora	Herpestidae	<i>Galerella</i>	<i>flavescens</i>	Kaokoveld Slender Mongoose, Black Slender Mongoose, Black Mongoose, Angolan Slender Mongoose	2.88	750	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Galerella</i>	<i>pulverulenta</i>	Cape Grey Mongoose, Small Grey Mongoose	2.90	797	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Galerella</i>	<i>sanguinea</i>	Common Slender Mongoose, Slender Mongoose	2.74	550	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Herpestidae	<i>Galerella</i>	<i>swalius</i>	Namibian slender mongoose	2.88	750	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Helogale</i>	<i>hirtula</i>	Somali Dwarf Mongoose, Desert Dwarf Mongoose, Ethiopian Dwarf Mongoose	2.46	289	extant	0	NA	LC	ginsect/carn

AF	Carnivora	Herpestidae	<i>Helogale</i>	<i>parvula</i>	Common Dwarf Mongoose, Dwarf Mongoose	2.48	300	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Herpestes</i>	<i>ichneumon</i>	Egyptian Mongoose, Large Grey Mongoose	3.45	2850	extant	0	NA	LC	Carn
AF	Carnivora	Herpestidae	<i>Herpestes</i>	<i>naso</i>	Long-nosed Mongoose	3.48	3000	extant	0	NA	LC	Carn
AF	Carnivora	Herpestidae	<i>Ichneumia</i>	<i>albicauda</i>	White-tailed Mongoose	3.54	3500	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Liberiictis</i>	<i>kuhni</i>	Liberian Mongoose	3.33	2150	extant	Future	NA	VU	ginsect
AF	Carnivora	Herpestidae	<i>Mungos</i>	<i>gambianus</i>	Gambian Mongoose	3.18	1500	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Mungos</i>	<i>mungo</i>	Banded Mongoose	3.28	1925	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Paracynictis</i>	<i>selousi</i>	Selous's Mongoose	3.21	1640	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Herpestidae	<i>Rhynchogale</i>	<i>melleri</i>	Meller's Mongoose	3.40	2500	extant	0	NA	LC	ginsect
AF	Carnivora	Herpestidae	<i>Suricata</i>	<i>suricata</i>	Meerkat, Suricate, Slender-tailed Meerkat	2.86	726	extant	0	NA	LC	ginsect
AF	Carnivora	Hyaenidae	<i>Crocuta</i>	<i>crocuta</i>	Spotted Hyaena	4.80	63000	extant	0	NA	LC	Carn
AF	Carnivora	Hyaenidae	<i>Hyaena</i>	<i>brunnea</i>	brown hyaena	4.51	32200	extant	Future	NA	NT	Carn
AF	Carnivora	Hyaenidae	<i>Hyaena</i>	<i>hyaena</i>	Striped Hyaena	4.66	46000	extant	Future	NA	NT	Carn
AF	Carnivora	Hyaenidae	<i>Proteles</i>	<i>cristata</i>	Aardwolf	4.00	10000	extant	0	NA	LC	ginsect
AF	Carnivora	Mustelidae	<i>Aonyx</i>	<i>capensis</i>	African Clawless Otter, Cape Clawless Otter Congo Clawless Otter, Zaire Clawless Otter,	4.28	19000	extant	Future	NA	NT	invert/piscivore
AF	Carnivora	Mustelidae	<i>Aonyx</i>	<i>congius</i>	Small-clawed Otter, Small-toothed Clawless Otter, Cameroon Clawless Otter	4.38	23800	extant	Future	NA	NT	piscivore
AF	Carnivora	Mustelidae	<i>Hydrictis</i>	<i>maculicollis</i>	Spotted-necked Otter, Speckle-throated Otter, Spot-necked Otter	3.60	4000	extant	Future	NA	NT	piscivore
AF	Carnivora	Mustelidae	<i>Ictonyx</i>	<i>libycus</i>	Libyan Striped Weasel,	2.80	625	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Mustelidae	<i>Ictonyx</i>	<i>striatus</i>	Zorilla, Striped Polecat, Striped Weasel	3.11	1300	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Mustelidae	<i>Lutra</i>	<i>lutra</i>	Eurasian Otter, European River Otter, Old World Otter, Common Otter	4.04	11000	extant	Future	NA	NT	piscivore
AF	Carnivora	Mustelidae	<i>Mellivora</i>	<i>capensis</i>	Honey Badger, Ratel	3.90	8000	extant	0	NA	LC	ginsect/carn
AF	Carnivora	Mustelidae	<i>Mustela</i>	<i>nivalis</i>	Least Weasel, Weasel	2.27	187	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Mustelidae	<i>Mustela</i>	<i>putorius</i>	Western Polecat, European Polecat	3.04	1100	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Mustelidae	<i>Poecilogale</i>	<i>albinucha</i>	African Striped Weasel	2.53	340	extant	0	NA	LC	Carn
AF	Carnivora	Nandiniidae	<i>Nandinia</i>	<i>binotata</i>	African Palm Civet, Two- spotted Palm Civet, Tree Civet	3.30	2000	extant	0	NA	LC	frug/carn
AF	Carnivora	Viverridae	<i>Civettictis</i>	<i>civetta</i>	African Civet	4.08	12000	extant	0	NA	LC	carn/frug
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>abyssinica</i>	Ethiopian Genet, Abyssinian Genet	3.22	1650	extant	0	NA	DD	carn/ginsect
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>angolensis</i>	Miombo Genet, Angolan Genet	3.22	1650	extant	0	NA	LC	Carn

AF	Carnivora	Viverridae	<i>Genetta</i>	<i>genetta</i>	Common Genet	3.30	2000	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>johnstoni</i>	Johnston's Genet	3.35	2225	extant	Future	NA	NT	ginsect/carn
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>maculata</i>	Large-spotted Genet, Panther Genet, Blotched Genet, Central African Large-spotted Genet, Rusty-spotted Genet	3.35	2225	extant	0	NA	LC	Carn
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>piscivora</i>	Aquatic Genet	3.48	3000	extant	Future	NA	NT	piscivore
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>servalina</i>	Servaline Genet	3.02	1055	extant	0	NA	LC	Carn
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>thierryi</i>	Hausa Genet	3.15	1400	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>tigrina</i>	Cape Genet, South African Large-spotted Genet, Cape Large-spotted Genet	3.35	2225	extant	0	NA	LC	carn/ginsect
AF	Carnivora	Viverridae	<i>Genetta</i>	<i>victoriae</i>	Giant Genet	3.48	3000	extant	0	NA	LC	Carn
AF	Carnivora	Viverridae	<i>Poiana</i>	<i>richardsonii</i>	Central African Oyan, African Linsang, Central African Linsang, Richardson's Linsang	2.70	500	extant	0	NA	LC	Carn
AF	Erinaceomorpha	Erinaceidae	<i>Atelerix</i>	<i>albiventris</i>	Four-toed Hedgehog	2.78	600	extant	0	NA	LC	ginsect
AF	Erinaceomorpha	Erinaceidae	<i>Atelerix</i>	<i>algerius</i>	North African Hedgehog, Algerian Hedgehog	3.10	1250	extant	0	NA	LC	ginsect
AF	Erinaceomorpha	Erinaceidae	<i>Atelerix</i>	<i>frontalis</i>	Southern African Hedgehog, South African Hedgehog	2.49	310	extant	0	NA	LC	ginsect
AF	Erinaceomorpha	Erinaceidae	<i>Atelerix</i>	<i>sclateri</i>	Somali Hedgehog	2.86	720	extant	0	NA	LC	ginsect
AF	Erinaceomorpha	Erinaceidae	<i>Paraechinus</i>	<i>aethiopicus</i>	Desert Hedgehog	2.27	188	extant	0	NA	LC	ginsect/carn
AF	Hyracoidea	Procaviidae	<i>Dendrohyrax</i>	<i>arboreus</i>	Southern Tree Hyrax, Southern Tree Dassie, Eastern Tree Hyrax, Eastern Tree Dassie	3.39	2430	extant	0	NA	LC	Browse
AF	Hyracoidea	Procaviidae	<i>Dendrohyrax</i>	<i>arboreus</i>	Southern Tree Hyrax, Southern Tree Dassie, Eastern Tree Hyrax, Eastern Tree Dassie	3.47	2950	extant	0	NA	LC	Browse
AF	Hyracoidea	Procaviidae	<i>Dendrohyrax</i>	<i>dorsalis</i>	Western Tree Hyrax, Western Tree Dassie	3.50	3175	extant	0	NA	LC	Browse
AF	Hyracoidea	Procaviidae	<i>Heterohyrax</i>	<i>antineae</i>	Bush Hyrax	3.42	2625	extant	0	NA	LC	browse/frug
AF	Hyracoidea	Procaviidae	<i>Heterohyrax</i>	<i>brucei</i>	Bush Hyrax, Yellow-spotted Hyrax, Hoggar Hyrax, Yellow-spotted Rock Hyrax	3.42	2625	extant	0	NA	LC	browse/frug
AF	Hyracoidea	Procaviidae	<i>Procavia</i>	<i>capensis</i>	Rock Hyrax, Rock Dassie	3.48	3030	extant	0	NA	LC	graze/browse
AF	Insectivora	Chrysochloridae	<i>Amblysomus</i>	<i>iris</i>		1.64	44	extant	0	NA	LC	ginsect
AF	Insectivora	Chrysochloridae	<i>Chlorotalpa</i>	<i>leucorhinus</i>	Congo Golden Mole	1.61	41	extant	0	NA	DD	ginsect
AF	Lagomorpha	Leporidae	<i>Bunolagus</i>	<i>monticularis</i>	Riverine Rabbit, Bushman Rabbit, Bushman Hare	3.24	1750	extant	Future	NA	CR	Browse
AF	Lagomorpha	Leporidae	<i>Genetta</i>	<i>victoriae</i>	Giant Genet	3.24	1750	extant	0	NA	LC	graze/browse

AF	Lagomorpha	Leporidae	<i>Lepus</i>	<i>capensis</i>	Cape Hare, Desert Hare, Arabian Hare, Brown Hare	3.25	1775	extant	0	NA	LC	graze/browse
AF	Lagomorpha	Leporidae	<i>Lepus</i>	<i>fagani</i>	Ethiopian Hare	3.44	2764	extant	0	NA	DD	graze/browse
AF	Lagomorpha	Leporidae	<i>Lepus</i>	<i>saxatilis</i>	Scrub Hare, Savannah Hare	3.37	2363	extant	0	NA	LC	graze/browse
AF	Lagomorpha	Leporidae	<i>Lepus</i>	<i>starcki</i>	Ethiopian Highland Hare	3.44	2750	extant	0	NA	LC	graze/browse
AF	Lagomorpha	Leporidae	<i>Oryctolagus</i>	<i>cuniculus</i>	European Rabbit	3.33	2150	extant	Future	NA	NT	graze/browse
AF	Lagomorpha	Leporidae	<i>Poelagus</i>	<i>marjorita</i>	Bunyoro Rabbit	3.40	2500	extant	0	NA	LC	graze
AF	Lagomorpha	Leporidae	<i>Pronolagus</i>	<i>crassicaudatus</i>	Natal Red Rock Hare, Natal Red Rockhare, Greater Red Rockhare	3.32	2089	extant	0	NA	LC	graze
AF	Lagomorpha	Leporidae	<i>Pronolagus</i>	<i>randensis</i>	Jameson's Red Rock Hare, Jameson's Red Rockhare	3.37	2335	extant	0	NA	LC	graze
AF	Lagomorpha	Leporidae	<i>Pronolagus</i>	<i>rupestris</i>	Smith's Red Rock Hare, Smith's Red Rockhare	3.24	1754	extant	0	NA	LC	graze
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>brachyrhynchus</i>	Short-snouted Sengi, Short-snouted Elephant-shrew	1.68	48	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>edwardii</i>	Cape Rock Sengi, Cape Rock Elephant-shrew	1.68	48	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>fuscipes</i>	Dusky-footed Sengi, Dusky-footed Elephant-shrew	1.76	57	extant	0	NA	DD	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>fuscus</i>	Dusky Sengi, Dusky Elephant-shrew	1.69	49	extant	0	NA	DD	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>intufi</i>	Bushveld Sengi, Bushveld Elephant-shrew	1.69	50	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>myurus</i>	Eastern Rock Sengi, Eastern Elephant-shrew	1.72	52	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>revoili</i>	Somali Elephant-shrew	1.51	33	extant	0	NA	DD	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>rozeti</i>	North African Sengi, North African Elephant-shrew	1.68	48	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>rufescens</i>	Rufous Sengi, Rufous Elephant-shrew	1.57	38	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Elephantulus</i>	<i>rupestris</i>	Western Rock Sengi, Western Rock Elephant-shrew	1.82	66	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Macroscelides</i>	<i>proboscideus</i>	Karoo Round-eared Sengi, Karoo Round-eared Elephant-shrew	1.58	38	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Petrodromus</i>	<i>tetradactylus</i>	Four-toed Sengi, Four-toed Elephant-shrew	2.27	187	extant	0	NA	LC	ginsect
AF	Macroscelidea	Macroscelididae	<i>Rhynchocyon</i>	<i>chrysopygus</i>	Golden-rumped Sengi, Golden-rumped Elephant-shrew	2.73	540	extant	Future	NA	EN	ginsect

AF	Macroscelidea	Macroscelididae	<i>Rhynchocyon</i>	<i>cirnei</i>	Chequered Sengi, Chequered Elephant- shrew	2.69	490	extant	Future	NA	NT	ginsect
AF	Macroscelidea	Macroscelididae	<i>Rhynchocyon</i>	<i>petersi</i>	Black and Rufous Sengi	2.63	424	extant	0	NA	LC	ginsect
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>algericus</i>	large horse			extinct	Holocene	6.6	EX	Graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>asinus</i>		5.22	164999	extant	0	NA	LC	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>burchellii</i>		5.44	276000	extant	Future	NA	NT	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>caballus</i>		5.40	250000	extant	0	NA	-999	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>capensis</i>		5.60	400000	extinct	TP	11	EX	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>grevyi</i>	Grevy's Zebra	5.61	408000	extant	Future	NA	EN	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>melkiensis</i>	related to wild ass			extinct	EP	37	EX	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>quagga</i>	Plains Zebra, Painted Zebra, Common Zebra, Burchell's Zebra	5.60	400000	extinct	Holocene	NA	EX	graze
AF	Perissodactyla	Equidae	<i>Equus</i>	<i>zebra</i>	Mountain Zebra, Hartmann's Mountain Zebra	5.46	286999	extant	Future	NA	VU	graze
AF	Perissodactyla	Rhinocerotidae	<i>Ceratotherium</i>	<i>simum</i>	White Rhinoceros, Northern White Rhinoceros, Square- lipped Rhinoceros	6.47	2949986	extant	Future	NA	NT	graze
AF	Perissodactyla	Rhinocerotidae	<i>Diceros</i>	<i>bicornis</i>	Black Rhinoceros, Hook- lipped Rhinoceros	6.07	1180511	extant	Future	NA	CR	Browse
AF	Perissodactyla	Rhinocerotidae	<i>Stephanorhinus</i>	<i>hemioechus</i>	narrow-nosed rhino	6.30	2000000	extinct	EP	41	EX	graze/browse
AF	Perissodactyla	Rhinocerotidae	<i>Stephanorhinus</i>	<i>kirchbergensis</i>	Merck's rhinoceros	6.48	3000000	extinct	TP	19	EX	Browse/graze
AF	Pholidota	Manidae	<i>Manis</i>	<i>gigantea</i>	Giant Ground Pangolin	4.52	33000	extant	Future	NA	VU	ginsect
AF	Pholidota	Manidae	<i>Manis</i>	<i>temminckii</i>	Temminck's Ground Pangolin	3.86	7180	extant	Future	NA	VU	ginsect
AF	Pholidota	Manidae	<i>Manis</i>	<i>tetractyla</i>	Black-bellied Pangolin	3.44	2750	extant	Future	NA	VU	ginsect
AF	Pholidota	Manidae	<i>Manis</i>	<i>tricuspis</i>	White-bellied Pangolin	3.32	2067	extant	Future	NA	VU	ginsect
AF	Primates	Cercopithecidae	<i>Allenopithecus</i>	<i>nigroviridis</i>	Allen's Swamp Monkey, Blackish-green Guenon	3.68	4750	extant	0	NA	LC	frug/ginsect
AF	Primates	Cercopithecidae	<i>Cercocebus</i>	<i>agilis</i>	Agile Mangabey	3.90	8000	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercocebus</i>	<i>galeritus</i>	Tana River Mangabey, Tana River Crested Mangabey	3.89	7835	extant	Future	NA	EN	frug
AF	Primates	Cercopithecidae	<i>Cercocebus</i>	<i>torquatus</i>	Red-capped Mangabey, White-collared Mangabey, Red- crowned Mangabey, Sooty Mangabey, Collared Mangabey	3.89	7750	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>ascanius</i>	Red-tailed Monkey, Schmidt's Guenon, Black-cheeked White- nosed Monkey, Redtail Monkey, Red-tailed Guenon	3.55	3550	extant	0	NA	LC	frug/ginsect

AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>campbelli</i>	Campbell's Monkey, Campbell's Guenon, Campbell's Mona Monkey	3.61	4100	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>cephus</i>	Moustached Monkey, Mustached Monkey, Moustached Guenon	3.54	3485	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>diana</i>	Diana Monkey, Diana Guenon	3.62	4175	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>dryas</i>	Dryas Monkey, Salonga Guenon, Dryad Monkey, Dryas Guenon	3.49	3075	extant	Future	NA	CR	frug/browse
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>erythrogaster</i>	Red-bellied Monkey, White-throated Monkey, White- throated Guenon, Red- bellied Guenon	3.40	2500	extant	Future	NA	VU	frug/ginsect
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>erythrotis</i>	Red-eared Monkey, Russet-eared Guenon, Red-eared Guenon	3.59	3918	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>hamlyni</i>	Owl-faced Monkey, Hamlyn's Monkey, Owl- faced Guenon	3.84	6875	extant	Future	NA	VU	browse/frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>lhoesti</i>	L'Hoest's Monkey	3.73	5375	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>mitis</i>	Blue Monkey, Samango, Golden Monkey, Diademed Monkey, Sykes' Monkey	3.70	5000	extant	0	NA	LC	frug/browse
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>mona</i>	Mona Monkey, Mona Guenon	3.62	4208	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>neglectus</i>	De Brazza's Monkey, De Brazza's Guenon	3.74	5480	extant	0	NA	LC	frug/browse
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>nictitans</i>	Putty-nosed Monkey	3.76	5803	extant	0	NA	LC	frug/browse
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>petaurista</i>	Spot-nosed Monkey	3.44	2775	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>pogonias</i>	crested mona monkey,	3.58	3765	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>preussi</i>	Preuss's monkey	3.72	5250	extant	Future	NA	EN	frug/browse
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>sclateri</i>	Sclater's Monkey	3.53	3375	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>solatus</i>	Sun-tailed Monkey	3.81	6500	extant	Future	NA	VU	frug
AF	Primates	Cercopithecidae	<i>Cercopithecus</i>	<i>wolffi</i>	Wolf's mona monkey	3.60	4000	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Chlorocebus</i>	<i>aethiops</i>	Grivet Monkey	3.62	4155	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Colobus</i>	<i>angolensis</i>	Angolan Colobus, Angola Colobus, Angolan Black-and- white Colobus	3.99	9850	extant	0	NA	LC	Browse
AF	Primates	Cercopithecidae	<i>Colobus</i>	<i>guereza</i>	Guereza, Magistrate Colobus, Eastern Black- and-white Colobus	4.03	10600	extant	0	NA	LC	Browse
AF	Primates	Cercopithecidae	<i>Colobus</i>	<i>polykomos</i>	King Colobus, Western Black-and-White Colobus, Western Pied Colobus, Ursine Black- and-White Colobus	4.00	9917	extant	Future	NA	VU	browse/frug

AF	Primates	Cercopithecidae	<i>Colobus</i>	<i>satanas</i>	Black Colobus	3.64	4320	extant	Future	NA	VU	Browse
AF	Primates	Cercopithecidae	<i>Erythrocebus</i>	<i>patas</i>	Patas Monkey	3.91	8090	extant	0	NA	LC	frug/browse
AF	Primates	Cercopithecidae	<i>Lophocebus</i>	<i>albigena</i>	Grey-cheeked Mangabey, White-cheeked Mangabey, Gray-cheeked Mangabey	3.89	7690	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Macaca</i>	<i>sylvanus</i>	Barbary Macaque, Barbary Ape	3.85	7000	extant	Future	NA	EN	Browse
AF	Primates	Cercopithecidae	<i>Mandrillus</i>	<i>leucophaeus</i>	Drill	4.18	15000	extant	Future	NA	EN	frug/browse
AF	Primates	Cercopithecidae	<i>Mandrillus</i>	<i>sphinx</i>	Mandrill	4.26	18250	extant	Future	NA	VU	frug/browse
AF	Primates	Cercopithecidae	<i>Miopithecus</i>	<i>talapoin</i>	Southern Talapoin Monkey, Talapoin	3.10	1250	extant	0	NA	LC	frug
AF	Primates	Cercopithecidae	<i>Papio</i>	<i>hamadryas</i>	Hamadryas Baboon, Sacred Baboon	4.33	21250	extant	0	NA	LC	frug/browse
AF	Primates	Cercopithecidae	<i>Piliocolobus</i>	<i>preussi</i>	Preuss's Red Colobus	3.99	9750	extant	Future	NA	CR	Browse
AF	Primates	Cercopithecidae	<i>Piliocolobus</i>	<i>rufomitatus</i>	Tana River Red Colobus, Eastern Red Colobus	3.90	8000	extant	Future	NA	EN	
AF	Primates	Cercopithecidae	<i>Procolobus</i>	<i>foai</i>	Oustalet's Red Colobus	3.95	9000	extant	0	NA	LC	Browse
AF	Primates	Cercopithecidae	<i>Procolobus</i>	<i>pennantii</i>	Pennant's Red Colobus	4.04	10896	extant	Future	NA	EN	Browse
AF	Primates	Cercopithecidae	<i>Procolobus</i>	<i>verus</i>	Olive Colobus, Van Beneden's Colobus	3.60	4000	extant	Future	NA	NT	Browse
AF	Primates	Cercopithecidae	<i>Theropithecus</i>	<i>gelada</i>	Gelada, Gelada Baboon	4.23	17050	extant	0	NA	LC	graze
AF	Primates	Galagidae	<i>Euoticus</i>	<i>elegantulus</i>	Southern Needle-clawed Galago	2.48	300	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Euoticus</i>	<i>pallidus</i>	Northern Needle-clawed Galago	2.36	230	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Galago</i>	<i>alleni</i>	Allen's Galago	2.41	260	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Galago</i>	<i>gallarum</i>	Somali Lesser Galago, Somali Galago	2.40	250	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Galago</i>	<i>matschiei</i>	Spectacled Lesser Galago, Matschie's Galago, Lesser Needle-clawed Galago, Eastern Needle-clawed Galago, Spectacled Galago, Eastern Needle-clawed Bushbaby	2.32	210	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Galago</i>	<i>moholi</i>	Southern Lesser Galago, South African Lesser Galago, South African Galago, Mohol Galago	2.20	160	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Galago</i>	<i>senegalensis</i>	Northern Lesser Galago, Senegal Galago, Lesser Bushbaby, Lesser Galago, Senegal Lesser Galago	2.36	228	extant	0	NA	LC	frug/insect

AF	Primates	Galagidae	<i>Otolemur</i>	<i>crassicaudatus</i>	Thick-tailed Greater Galago, Thick-tailed Bushbaby, Greater Galago, Large-eared Greater Galago, Greater Bushbaby, Garnett's Greater Galago	3.18	1500	extant	0	NA	LC	frug/insect
AF	Primates	Galagidae	<i>Otolemur</i>	<i>garnettii</i>	Garnett's Greater Galago, Small-eared Galago, Small-eared Greater Galago	2.88	760	extant	0	NA	LC	frug/insect
AF	Primates	Galagonidae	<i>Galago</i>	<i>demidoff</i>	Demidoff's Dwarf Galago	1.79	61	extant	0	NA	LC	insect
AF	Primates	Galagonidae	<i>Galago</i>	<i>zanzibaricus</i>	Tanzania Coast Dwarf Galago	2.00	101	extant	0	NA	LC	insect/frug
AF	Primates	Hominidae	<i>Gorilla</i>	<i>gorilla</i>	Western Gorilla, Lowland Gorilla	5.12	131626	extant	Future	NA	CR	frug/browse
AF	Primates	Hominidae	<i>Pan</i>	<i>paniscus</i>	Bonobo, Pygmy Chimpanzee	4.53	34000	extant	Future	NA	EN	ug/browse/ca
AF	Primates	Hominidae	<i>Pan</i>	<i>troglodytes</i>	Chimpanzee, Robust Chimpanzee, Common Chimpanzee	4.63	42500	extant	Future	NA	EN	ug/browse/ca
AF	Primates	Lorisidae	<i>Arctocebus</i>	<i>aureus</i>	Golden Angwantibo, Golden Potto	2.37	235	extant	0	NA	LC	insect
AF	Primates	Lorisidae	<i>Arctocebus</i>	<i>calabarensis</i>	Calabar Angwantibo, Golden Potto, Angwantibo	2.32	210	extant	0	NA	LC	insect/frug
AF	Primates	Lorisidae	<i>Perodicticus</i>	<i>potto</i>	West African Potto, Western Potto	3.04	1100	extant	0	NA	LC	frug/insect
AF	Proboscidea	Elephantidae	<i>Elephas</i>	<i>iolensis</i>	African Elephant	6.81	6500000	extinct	TP	12	EX	graze
AF	Proboscidea	Elephantidae	<i>Loxodonta</i>	<i>africana</i>		6.60	3940034	extant	Future	NA	VU	graze/browse
AF	Rodentia	Anomaluridae	<i>Anomalurus</i>	<i>beecrofti</i>	Beecroft's Scaly-tailed Squirrel, Beecroft's Flying Squirrel	2.59	389	extant	0	NA	LC	frug/browse
AF	Rodentia	Anomaluridae	<i>Anomalurus</i>	<i>derbianus</i>	Lord Derby's Scaly-tailed Squirrel, Derby's Flying Squirrel, Lord Derby's Flying Squirrel	2.81	650	extant	0	NA	LC	browse/frug
AF	Rodentia	Anomaluridae	<i>Anomalurus</i>	<i>pelii</i>	Pel's Flying Squirrel, Pel's Scaly-tailed Squirrel	3.25	1770	extant	0	NA	DD	browse/frug
AF	Rodentia	Anomaluridae	<i>Anomalurus</i>	<i>pusillus</i>	Dwarf Scaly-tailed Squirrel	2.40	250	extant	0	NA	LC	browse/frug
AF	Rodentia	Anomaluridae	<i>Idiurus</i>	<i>macrotis</i>	Long-eared Flying Squirrel, Long-eared Scaly-tailed Flying Squirrel	1.48	30	extant	0	NA	LC	frug
AF	Rodentia	Anomaluridae	<i>Idiurus</i>	<i>zenkeri</i>	Pygmy Scaly-tailed Flying Squirrel	2.00	100	extant	0	NA	LC	frug

AF	Rodentia	Anomaluridae	<i>Zenkerella</i>	<i>insignis</i>	Cameroon Scaly-tail, Flightless Scaly-tailed Squirrel	2.30	200	extant	0	NA	LC	frug
AF	Rodentia	Bathyergidae	<i>Bathyergus</i>	<i>janetta</i>	Namaqua Dune Mole Rat	2.52	332	extant	0	NA	LC	Browse
AF	Rodentia	Bathyergidae	<i>Bathyergus</i>	<i>suillus</i>	Cape Dune Mole Rat	2.80	625	extant	0	NA	LC	Browse
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>bocagei</i>	Bocage's Mole Rat	1.97	94	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>damarensis</i>		2.19	153	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>foxi</i>		2.24	174	extant	0	NA	DD	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>hottentotus</i>	African Mole Rat	2.01	102	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>mechowi</i>		2.43	272	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>ochraceocinereus</i>		2.30	200	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Cryptomys</i>	<i>zechi</i>		2.35	223	extant	0	NA	LC	browse/graze
AF	Rodentia	Bathyergidae	<i>Georychus</i>	<i>capensis</i>	Cape Mole Rat	2.37	233	extant	0	NA	LC	Browse
AF	Rodentia	Bathyergidae	<i>Heliophobius</i>	<i>argenteocinereus</i>	Silvery Mole Rat	2.26	181	extant	0	NA	LC	Browse
AF	Rodentia	Bathyergidae	<i>Heterocephalus</i>	<i>glaber</i>	Naked Mole Rat	1.74	55	extant	0	NA	LC	Browse
AF	Rodentia	Cricetidae	<i>Lophiomy</i>	<i>imhausi</i>	Crested Rat	2.88	755	extant	0	NA	LC	frug/browse
AF	Rodentia	Ctenodactylidae	<i>Ctenodactylus</i>	<i>gundi</i>	Gundi, North African Gundi	2.46	289	extant	0	NA	LC	graze/browse
AF	Rodentia	Ctenodactylidae	<i>Ctenodactylus</i>	<i>vali</i>	Val's Gundi	2.24	175	extant	0	NA	DD	graze/browse
AF	Rodentia	Ctenodactylidae	<i>Felovia</i>	<i>vae</i>	Felou Gundi	2.31	205	extant	0	NA	DD	graze/browse
AF	Rodentia	Ctenodactylidae	<i>Pectinator</i>	<i>spekei</i>	Speke's Pectinator	2.20	160	extant	0	NA	LC	Browse
AF	Rodentia	Dipodidae	<i>Allactaga</i>	<i>tetradactyla</i>	Four-toed Jerboa	1.72	52	extant	Future	NA	VU	graze
AF	Rodentia	Dipodidae	<i>Jaculus</i>	<i>jaculus</i>	Lesser Egyptian Jerboa	1.75	57	extant	0	NA	LC	frug/graze
AF	Rodentia	Dipodidae	<i>Jaculus</i>	<i>orientalis</i>	Greater Egyptian Jerboa	2.14	138	extant	0	NA	LC	frug/graze
AF	Rodentia	Gliridae	<i>Eliomys</i>	<i>melanurus</i>	Asian Garden Dormouse	2.09	123	extant	0	NA	LC	frug/insect
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>christyi</i>	Christy's Dormouse	1.45	28	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>crassicaudatus</i>	Jentink's Dormouse	1.45	28	extant	0	NA	DD	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>kelleni</i>	Kellen's Dormouse, Kellen's African Dormouse	1.45	28	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>lorraineus</i>	Lorrain Dormouse	1.43	27	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>microtis</i>	Small-eared Dormouse	1.45	28	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>monardi</i>	Monard's Dormouse	1.45	28	extant	0	NA	DD	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>murinus</i>	Woodland Dormouse	1.28	19	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>ocularis</i>	Spectacled Dormouse, Namtap	1.48	30	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>platyops</i>	Rock Dormouse	1.66	46	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>rupicola</i>	Stone Dormouse	1.45	28	extant	0	NA	LC	insect/carn
AF	Rodentia	Gliridae	<i>Graphiurus</i>	<i>surdus</i>	Silent Dormouse	1.30	20	extant	0	NA	DD	insect/carn
AF	Rodentia	Hystriidae	<i>Atherurus</i>	<i>africanus</i>	African Brush-tailed Porcupine	3.29	1934	extant	0	NA	LC	frug/browse
AF	Rodentia	Hystriidae	<i>Hystrix</i>	<i>africaeausstralis</i>	Cape Porcupine	4.17	14936	extant	0	NA	LC	Browse
AF	Rodentia	Hystriidae	<i>Hystrix</i>	<i>cristata</i>	Crested Porcupine, North African Crested Porcupine	4.30	20000	extant	0	NA	LC	browse/frug
AF	Rodentia	Muridae	<i>Acomys</i>	<i>cahirinus</i>	Cairo Spiny Mouse, Greater Wilfred's Mouse, Northeast African Spiny Mouse	1.59	39	extant	0	NA	LC	frug/browse

AF	Rodentia	Muridae	<i>Acomys</i>	<i>cineraceus</i>	Gray Spiny Mouse, Grey Spiny Mouse	1.51	33	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>ignitus</i>	Fiery Spiny Mouse	1.38	24	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>kemp</i>	Kemp's Spiny Mouse	1.34	22	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>louisae</i>	Louise's Spiny Mouse	1.31	20	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>mullah</i>	Mullah Spiny Mouse	1.51	33	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>percivali</i>	Percival's Spiny Mouse	1.34	22	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>russatus</i>	Golden Spiny Mouse	1.70	50	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>spinosissimus</i>	Spiny Mouse, Southern African Spiny Mouse	1.42	27	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>subspinosus</i>	Cape Spiny Mouse	1.32	21	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Acomys</i>	<i>wilsoni</i>	Wilson's Spiny Mouse	1.27	19	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>bocagei</i>	Bocage's Rock Rat, Bocage's Aethomys	1.89	77	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>chrysophilus</i>	Red Rock Rat, Red Veld Aethomys	1.87	75	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>granti</i>	Grant's Rock Rat, Grant's Rock Mouse, Grant's Aethomys	1.60	40	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>hindei</i>	Hinde's Rock Rat, Hinde's Aethomys	2.01	104	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>kaiseri</i>	Kaiser's Rock Rat, Kaiser's Aethomys	1.95	90	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>nyikae</i>	Nyika Rock Rat, Nyika Aethomys	1.89	77	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>silindensis</i>	Selinda Veld Rat, Selinda Aethomys, Silinda Rock Rat	1.89	77	extant	0	NA	DD	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>stannarius</i>	Tinfields Rock Rat, West African Aethomys	1.89	77	extant	0	NA	DD	graze/browse
AF	Rodentia	Muridae	<i>Aethomys</i>	<i>thomasi</i>	Thomas's Rock Rat, Thomas's Aethomys	1.89	77	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Ammodillus</i>	<i>imbellis</i>	Ammodile, Somali Gerbil, Walo	1.70	50	extant	0	NA	DD	frug/ginsect
AF	Rodentia	Muridae	<i>Apodemus</i>	<i>sylvaticus</i>	Long-tailed Field Mouse, Wood Mouse, Small Wood Mouse	1.33	22	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Arvicanthis</i>	<i>abyssinicus</i>	Abyssinian Grass Rat, Ethiopian Arvicanthis	1.89	77	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Arvicanthis</i>	<i>blicki</i>	Blick's Grass Rat, Blick's Arvicanthis	2.11	128	extant	Future	NA	NT	frug/graze
AF	Rodentia	Muridae	<i>Arvicanthis</i>	<i>nairobae</i>	Nairobi Grass Rat, East African Arvicanthis	2.02	104	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Arvicanthis</i>	<i>niloticus</i>	African Grass Rat, African Arvicanthis	2.03	107	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Arvicanthis</i>	<i>somalicus</i>	Neumann's Arvicanthi	2.02	105	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Colomys</i>	<i>goslingi</i>	African Wading Rat, African Water Rat	1.80	63	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Dasymys</i>	<i>foxi</i>	Fox's Shaggy Rat	2.14	138	extant	0	NA	DD	Browse
AF	Rodentia	Muridae	<i>Dasymys</i>	<i>incomtus</i>	African Marsh Rat, Common Dasymys	2.14	138	extant	0	NA	LC	Browse
AF	Rodentia	Muridae	<i>Dasymys</i>	<i>montanus</i>	Montane Shaggy Rat	2.14	138	extant	Future	NA	EN	Browse

AF	Rodentia	Muridae	<i>Dasymys</i>	<i>nudipes</i>	Angolan Marsh Rat	2.14	138	extant	0	NA	DD	Browse
AF	Rodentia	Muridae	<i>Dasymys</i>	<i>rufulus</i>	West African Shaggy Rat	2.14	138	extant	0	NA	LC	Browse
AF	Rodentia	Muridae	<i>Dendromus</i>	<i>kivu</i>	Kivu African Climbing Mouse, Kivu Climbing Mouse			extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Deomys</i>	<i>ferrugineus</i>	Congo Forest Mouse	1.79	62	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Dephomy's</i>	<i>defua</i>	Defua Rat	1.63	43	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Dephomy's</i>	<i>eburnea</i>		1.72	53	extant	0	NA		frug/ginsect
AF	Rodentia	Muridae	<i>Desmodilliscus</i>	<i>braueri</i>	Pouched Gerbil	1.00	10	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Desmodillus</i>	<i>auricularis</i>	Cape Short-eared Gerbil	1.73	53	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Desmomys</i>	<i>harringtoni</i>	Harrington's Rat	1.95	90	extant	0	NA	LC	graze
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>campestris</i>	North African Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>dasyurus</i>	Wagner's Gerbil	1.37	24	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>harwoodi</i>	Harwood's Gerbil	1.05	11	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>jamesi</i>	James's Gerbil	1.32	21	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>maghrebi</i>	Greater Short-tailed Gerbil	1.32	21	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>quadrifasciatus</i>	North African Gerbil	1.32	21	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>simoni</i>	Lesser Short-tailed Gerbil	1.24	17	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>somalicus</i>	Somalian Gerbil	1.32	21	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Dipodillus</i>	<i>stigmatonys</i>	Khartoum Gerbil	1.32	21	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>boehmi</i>	Boehm's Gerbil	1.99	97	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>brantsii</i>	Highveld Gerbil	2.06	114	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>guineae</i>	Guinea Gerbil	2.01	102	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>kempii</i>	Kemp's Gerbil	2.00	101	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>leucogaster</i>	Bushveld Gerbil	1.86	73	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>phillipsi</i>	Phillip's Gerbil	1.99	97	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbilliscus</i>	<i>robustus</i>	Fringe-tailed Gerbil	1.98	96	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Gerbillurus</i>	<i>paeba</i>	Hairy-footed Gerbil, Pigmy Gerbil	1.37	23	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Gerbillurus</i>	<i>setzeri</i>	Namib Brush-tailed Gerbil, Setzer's Hairy-footed Gerbil	1.58	38	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Gerbillurus</i>	<i>tytonis</i>	Dune Hairy-footed Gerbil, Namib Dune Gerbil, Nimib Dune Gerbil	1.49	31	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Gerbillurus</i>	<i>vallinus</i>	Bushy-tailed Hairy-footed Gerbil	1.55	35	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>acticola</i>	Berbera Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>africa</i>		1.99	97	extant	0	NA		frug/graze
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>agag</i>	Agag Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>agag</i>	Agag Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>agag</i>	Agag Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>amoenus</i>	Pleasant Gerbil	1.12	13	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>andersoni</i>	Anderson's Gerbil	1.43	27	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>andersoni</i>	Anderson's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>bottai</i>	Botta's Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>brockmani</i>	Brockman's Gerbil	1.45	28	extant	0	NA	DD	frug/browse

AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>burtoni</i>	Burton's Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>diminutus</i>	Least Gerbil	1.24	17	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>dongolanus</i>	Greater Egyptian Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>dunni</i>	Somalia Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>floweri</i>	Flower's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>garamantis</i>	Dwarf Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>gerbillus</i>	Lesser Egyptian Gerbil	1.40	25	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>grobbeni</i>	Grobben's Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>henleyi</i>	Pygmy Gerbil	0.90	8	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>hesperinus</i>	Western Gerbil	1.45	28	extant	Future	NA	EN	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>hoogstraali</i>	Hoogstraal's Gerbil	1.45	28	extant	Future	NA	VU	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>latastei</i>	Lataste's Gerbil	1.60	40	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>lowei</i>	Lowe's Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>mackillingini</i>	Mackillingin's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>mauritaniae</i>	Sudan Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>muriculus</i>	Darfur Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>nancillus</i>	Sudan Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>nanus</i>	Dwarf Gerbil, Baluchistan Gerbil	1.41	26	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>nigeriae</i>	Nigerian Gerbil	1.47	30	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>occiduus</i>	Occidental Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>perpallidus</i>	Pale Gerbil	1.56	36	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>principulus</i>	Principal Gerbil	1.45	28	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pulvinatus</i>	Cushioned Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pulvinatus</i>	Cushioned Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pusillus</i>	Least Gerbil	1.10	13	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pusillus</i>	Least Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pusillus</i>	Least Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>pyramidum</i>	Greater Egyptian Gerbil	1.67	46	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>rosalinda</i>	Rosalinda Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>syrticus</i>	Pygmy Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>tarabuli</i>	Tarabul's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>tarabuli</i>	Tarabul's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>vivax</i>	Pleasant Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>watersi</i>	Waters's Gerbil	1.02	10	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Gerbillus</i>	<i>watersi</i>	Waters's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Girbilliscus</i>	<i>nigricauda</i>	Black-tailed Gerbil	2.09	123	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>aridulus</i>	Arid Thicket Rat, Arid Woodland Grammomys	1.63	42	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>buntingi</i>	Bunting's Grammomys, Bunting's Thicket Rat	1.63	42	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>caniceps</i>	Gray-headed Thicket Rat, Grey-headed Thicket Rat	1.63	42	extant	0	NA	DD	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>cometes</i>	Mozambique Thicket Rat	1.69	49	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>dolichurus</i>	Woodland Thicket Rat	1.61	41	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>dryas</i>	Forest Thicket Rat	1.63	42	extant	Future	NA	NT	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>gigas</i>	Giant Thicket Rat	1.63	42	extant	Future	NA	EN	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>ibeanus</i>	Ruwenzori Thicket Rat	1.61	41	extant	0	NA	LC	frug/browse

AF	Rodentia	Muridae	<i>Grammomys</i>	<i>macmillani</i>	Macmillan's Thicket Rat	1.56	36	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>minnae</i>	Ethiopian Thicket Rat	1.56	36	extant	Future	NA	VU	frug/browse
AF	Rodentia	Muridae	<i>Grammomys</i>	<i>rutilans</i>	Shining Thicket Rat	1.72	52	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Heimyscus</i>	<i>fumosus</i>	African Smoky Mouse, Smokey Heimyscus	1.15	14	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Hybomys</i>	<i>eisentrauti</i>	Cameroon Highland Hybomys	1.71	51	extant	Future	NA	EN	frug
AF	Rodentia	Muridae	<i>Hybomys</i>	<i>lunaris</i>	Moon Striped Mouse, Ruwenzori Hybomys	1.71	51	extant	Future	NA	VU	frug
AF	Rodentia	Muridae	<i>Hybomys</i>	<i>planifrons</i>	Liberian Forest Hybomys, Miller's Striped Mouse	1.70	50	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Hybomys</i>	<i>trivirgatus</i>	Temminck's Striped Mouse, West African Hybomys	1.76	57	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Hybomys</i>	<i>univittatus</i>	Peters' Hybomys, Peters' Striped Mouse	1.68	48	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>aeta</i>	Beaded Hylomyscus, Beaded Wood Mouse	1.30	20	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>alleni</i>	Allen's Hylomyscus, Allen's Wood Mouse	1.30	20	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>baeri</i>	Baer's Hylomyscus, Baer's Wood Mouse	1.34	22	extant	Future	NA	EN	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>carillus</i>	Angolan Hylomyscus, Angolan Wood Mouse	1.34	22	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>denniae</i>	Montane Wood Mouse, Montane Hylomyscus	1.56	36	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>parvus</i>	Lesser Hylomyscus, Little Wood Mouse	1.16	14	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Hylomyscus</i>	<i>stella</i>	Stella Wood Mouse, Stella Hylomyscus	1.30	20	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Lamottemys</i>	<i>okuensis</i>	Mount Oku Rat, Mt. Oku Rat			extant	Future	NA	EN	
AF	Rodentia	Muridae	<i>Leimacomys</i>	<i>buettneri</i>	Groove-toothed Forest Mouse	1.74	55	extinct	Holocene	NA	EX	Ginsect
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>barbarus</i>	Barbary Lemniscomys, Barbary Striped Grass Mouse	1.52	33	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>bellieri</i>	Bellier's Lemniscomys, Bellier's Lemniscomys, Bellier's Striped Grass Mouse	1.63	43	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>griselda</i>	Griselda's Lemniscomys, Griselda's Lemniscomys, Griselda's Striped Grass Mouse	1.76	58	extant	0	NA	LC	graze/frug

AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>hoogstraali</i>	Hoogstraal's Lemniscomys, Hoogstraal's Striped Grass Mouse, Hoogstraal's Lemniscomys, Hoogstraal's Striped Grass Mouse	1.63	43	extant	0	NA	DD	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>linulus</i>	Senegal Lemniscomys, Senegal One-striped Grass Mouse	1.63	43	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>macculus</i>	Buffoon Lemniscomys, Buffoon Striped Grass Mouse	1.42	27	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>mittendorfi</i>	Mittendorf's Lemniscomys, Mittendorf's Lemniscomys, Mittendorf's Striped Grass Mouse	1.63	43	extant	Future	NA	VU	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>rosalia</i>	Single-striped Grass Mouse, Single-striped Lemniscomys	1.77	59	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>roseveari</i>	Rosevear's Lemniscomys, Rosevear's Lemniscomys, Rosevear's Striped Grass Mouse	1.63	43	extant	0	NA	DD	graze/frug
AF	Rodentia	Muridae	<i>Lemniscomys</i>	<i>striatus</i>	Typical Lemniscomys, Typical Striped Grass Mouse	1.58	38	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>aquilus</i>	Yellow-spotted Brush-furred Rat	1.65	45	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>flavopunctatus</i>	Yellow-spotted Brush-furred Rat	1.78	60	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>luteogaster</i>	Yellow-bellied Brush-furred Rat	1.65	45	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>medicaudatus</i>	Medium-tailed Brush-furred Rat	1.65	45	extant	Future	NA	VU	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>melanonyx</i>	Black-clawed Brush-furred Rat	1.01	10	extant	Future	NA	VU	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>nudicaudus</i>	Fire-bellied Brush-furred Rat	1.65	45	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>rahmi</i>	Rahm's Brush-furred Rat	1.58	38	extant	Future	NA	EN	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>sikapusi</i>	Rusty-bellied Brush-furred Rat	1.87	74	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Lophuromys</i>	<i>woosnami</i>	Woosnam's Brush-furred Rat	1.62	42	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Malacomys</i>	<i>cansdalei</i>	Cansdale's Swamp Rat	1.90	80	extant	0	NA	LC	ginsect/frug
AF	Rodentia	Muridae	<i>Malacomys</i>	<i>edwardsi</i>	Edward's Swamp Rat	1.81	65	extant	0	NA	LC	ginsect/frug

AF	Rodentia	Muridae	<i>Malacomys</i>	<i>longipes</i>	Big-eared Swamp Rat Southern African	1.98	96	extant	0	NA	LC	ginsect/frug
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>coucha</i>	Mastomys, Southern Multimammate Mouse	1.64	44	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>erythroleucus</i>	Guinea Multimammate Mouse, Reddish-white Mastomys	1.75	56	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>kollmannspergeri</i>	Kollmannsperger's Mastomys	1.72	53	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>natalensis</i>	Natal Mastomys, Natal Multimammate Mouse	1.74	55	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>natalensis</i>	Natal Mastomys, Natal Multimammate Mouse	1.79	62	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>pernanus</i>	Dwarf Mastomys, Dwarf Multimammate Mouse	1.72	53	extant	0	NA	DD	frug/ginsect
AF	Rodentia	Muridae	<i>Mastomys</i>	<i>shortridgei</i>	Shortridge's Mastomys, Shortridge's Multimammate Mouse	1.67	47	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Meriones</i>	<i>crassus</i>	Sundevall's Jird	1.90	80	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Meriones</i>	<i>libycus</i>	Libyan Jird	1.96	91	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Meriones</i>	<i>shawi</i>	Shaw's Jird	1.96	91	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Micaelamys</i>	<i>namaquensis</i>	Namaqua Rock Ra	1.70	51	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Microdillus</i>	<i>peeli</i>	Somali Pygmy Gerbil			extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Muriculus</i>	<i>imberbis</i>	Ethiopian Striped Mouse, Striped-back Mouse	1.27	19	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Mus</i>	<i>baoulei</i>	Baoule's Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>bufo</i>	Toad Mouse	0.96	9	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>callewaerti</i>	Callewaert's Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>goundae</i>	Gounda Mouse	1.17	15	extant	0	NA	DD	
AF	Rodentia	Muridae	<i>Mus</i>	<i>haussa</i>	Hausa Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>indutus</i>	Desert Pygmy Mouse	0.79	6	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>mahomet</i>	Mahomet Mouse	1.00	10	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>mattheyi</i>	Matthey's Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>minutoides</i>	Pygmy Mouse	0.85	7	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>musculoides</i>	NA	0.78	6	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>musculoides</i>		1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>musculus</i>	House Mouse	1.24	17	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>neavei</i>	Neave's Mouse	1.17	15	extant	0	NA	DD	
AF	Rodentia	Muridae	<i>Mus</i>	<i>orangiae</i>	Free State Pygmy Mouse, Orange Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>oubanguii</i>	Oubangui Mouse	1.17	15	extant	0	NA	DD	
AF	Rodentia	Muridae	<i>Mus</i>	<i>setulosus</i>	Peter's Mouse	0.97	9	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>setzeri</i>	Setzer's Mouse, Setzer's Pygmy Mouse	0.82	7	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>sorella</i>	Thomas's Mouse, Thomas's Pygmy Mouse	1.17	15	extant	0	NA	LC	

AF	Rodentia	Muridae	<i>Mus</i>	<i>spretus</i>	Algerian Mouse, Western Mediterranean Mouse, WESTERN MEDITERRANEAN MOUSE	1.11	13	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Mus</i>	<i>tenellus</i>	Delicate Mouse	1.17	15	extant	0	NA	LC	
AF	Rodentia	Muridae	<i>Mus</i>	<i>triton</i>	Gray-bellied Mouse, Gray-bellied Pygmy Mouse	1.13	14	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Mylomys</i>	<i>dybowski</i>	African Groove-toothed Rat, Mill Rat	2.06	114	extant	0	NA	LC	graze
AF	Rodentia	Muridae	<i>Myomys</i>	<i>fumatus</i>		1.48	30	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Myomyscus</i>	<i>angolensis</i>	Angolan Multimammate Mouse, Angolan Myomyscus	1.61	41	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Myomyscus</i>	<i>verreauxii</i>	Verreaux's Mouse, Verreaux's White- footed Rat	1.61	41	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Myotomys</i>	<i>sloggetti</i>	Sloggett's Vlei Rat	2.03	106	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Myotomys</i>	<i>unisulcatus</i>		2.10	125	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Nesokia</i>	<i>indica</i>	Short-tailed Bandicoot Rat	2.25	179	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Oenomys</i>	<i>hypoxanthus</i>	Rufous-nosed Rats	1.95	90	extant	0	NA	LC	Browse
AF	Rodentia	Muridae	<i>Oenomys</i>	<i>ornatus</i>	Ghana Rufous-nosed Rat	1.93	86	extant	0	NA	LC	Browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>anchietae</i>	Angolan Vlei Rat	2.11	130	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>angoniensis</i>	Angoni Vlei Rat	2.09	122	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>denti</i>	Dent's Vlei Rat	2.08	120	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>irroratus</i>	Southern African Vlei Rat, Vlei Rat	2.07	118	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>laminatus</i>	Laminate Vlei Rat	2.16	145	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>maximus</i>	large vlei rat	2.28	192	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>occidentalis</i>	Western Vlei Rat	2.11	130	extant	Future	NA	VU	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>saundersiae</i>	Saunder's Vlei Rat	2.01	103	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>tropicalis</i>	Tropical Vlei Rat	2.04	109	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Otomys</i>	<i>typus</i>	Typical Vlei Rat	2.11	130	extant	0	NA	LC	graze/browse
AF	Rodentia	Muridae	<i>Pachyuromys</i>	<i>duprasi</i>	Fat-tailed Gerbil	1.68	48	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Parotomys</i>	<i>brantsii</i>	Brants's Whistling Rat, Brants' Whistling Rat	2.11	130	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Parotomys</i>	<i>littledalei</i>	Littledale's Whistling Rat	2.10	127	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Pelomys</i>	<i>campanae</i>	Bell Groove-toothed Swamp Rat	1.90	80	extant	0	NA	LC	graze
AF	Rodentia	Muridae	<i>Pelomys</i>	<i>fallax</i>	Creek Groove-toothed Swamp Rat	2.11	130	extant	0	NA	LC	graze
AF	Rodentia	Muridae	<i>Pelomys</i>	<i>hopkinsi</i>	Hopkins's Groove- toothed Swamp Rat	1.90	80	extant	0	NA	DD	graze
AF	Rodentia	Muridae	<i>Pelomys</i>	<i>isseli</i>	Issel's Groove-toothed Swamp Rat	1.78	60	extant	0	NA	DD	graze

AF	Rodentia	Muridae	<i>Pelomys</i>	<i>minor</i>	Least Groove-toothed Swamp Rat	1.70	50	extant	0	NA	LC	graze
AF	Rodentia	Muridae	<i>Praomys</i>	<i>daltoni</i>	Dalton's Mouse, Dalton's Praomys	1.59	39	extant	0	NA	LC	frug/insect
AF	Rodentia	Muridae	<i>Praomys</i>	<i>delectorum</i>	East African Praomys, Delectable Soft-furred Mouse	1.56	36	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>derooi</i>	Deroo's Mouse, Deroo's Praomys	1.51	32	extant	0	NA	LC	frug/insect
AF	Rodentia	Muridae	<i>Praomys</i>	<i>hartwigi</i>	Hartwig's Praomys, Hartwig's Soft-furred Mouse	1.58	38	extant	Future	NA	EN	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>jacksoni</i>	Jackson's Praomys, Jackson's Soft-furred Mouse	1.62	42	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>lukolelae</i>	Lukolela Swamp Rat	1.58	38	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>minor</i>	Least Soft-furred Mouse	1.58	38	extant	0	NA	DD	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>misonnei</i>	Misonne's Praomys, Misonne's Soft-furred Mouse	1.58	38	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>morio</i>	Cameroon Praomys, Cameroon Soft-furred Mouse	1.48	30	extant	Future	NA	EN	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>mutoni</i>	Muton's Soft-furred Mouse, Riverine Praomys	1.58	38	extant	0	NA	DD	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>rostratus</i>	Forest Soft-furred Mouse, West African Praomys	1.58	38	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>tullbergi</i>	Tullberg's Soft-furred Mouse, Tullberg's Praomys	1.55	36	extant	0	NA	LC	insect/frug
AF	Rodentia	Muridae	<i>Praomys</i>	<i>verschureni</i>	Verschuren's Swamp Rat	1.69	49	extant	0	NA	DD	insect/frug
AF	Rodentia	Muridae	<i>Psammomys</i>	<i>obesus</i>	Fat Sand Rat	2.17	150	extant	0	NA	LC	Browse
AF	Rodentia	Muridae	<i>Psammomys</i>	<i>vexillaris</i>	Thin Sand Rat	2.17	150	extant	0	NA	DD	Browse
AF	Rodentia	Muridae	<i>Rhabdomys</i>	<i>pumilio</i>	Four-striped Grass Mouse, Four-striped Grass Rat	1.61	41	extant	0	NA	LC	graze/frug
AF	Rodentia	Muridae	<i>Sekeetamys</i>	<i>calurus</i>	Bushy-tailed Jird	1.74	55	extant	0	NA	LC	frug
AF	Rodentia	Muridae	<i>Spalax</i>	<i>ehrenbergi</i>	Palestine Mole Rat, Middle East Blind Mole Rat	2.25	176	extant	0	NA	DD	Browse
AF	Rodentia	Muridae	<i>Stenocephalemys</i>	<i>albipes</i>	Ethiopian White-footed Mouse, White-footed Stenocephalemys	1.97	93	extant	0	NA	LC	frug/insect
AF	Rodentia	Muridae	<i>Stenocephalemys</i>	<i>albocaudata</i>	Ethiopian Narrow-headed Rat	2.16	144	extant	0	NA	LC	frug/insect
AF	Rodentia	Muridae	<i>Stenocephalemys</i>	<i>griseicauda</i>	Gray-tailed Narrow-headed Rat	1.93	86	extant	0	NA	LC	frug/insect

AF	Rodentia	Muridae	<i>Stenocephalemys</i>	<i>ruppi</i>	Rupp's Mouse, Rupp's Stenocephalemys, Rupp's Stenocephalemys	1.69	49	extant	0	NA	DD	frug/ginsect
AF	Rodentia	Muridae	<i>Stochomys</i>	<i>longicaudatus</i>	Target Rat	1.85	71	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Muridae	<i>Tatera</i>	<i>inclusus</i>	Gorongosa Gerbil	2.07	119	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Tatera</i>	<i>validus</i>	Savanna Gerbil	2.03	108	extant	0	NA	LC	frug/graze
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>arenarius</i>	Robbins's Tateril, Sahel Gerbil	1.67	47	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>congicus</i>	Congo Gerbil, Congo Tateril	1.71	52	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>emini</i>	Emin's Gerbil, Emin's Tateril	1.72	52	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>gracilis</i>	Gracile Tateril, Slender Gerbil	1.68	48	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>harringtoni</i>	Emin's Gerbil	1.71	52	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>lacustris</i>	Lake Chad Gerbil, Lake Chad Tateril	1.71	52	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>petteri</i>	Petter's Gerbil, Petter's Tateril	1.71	51	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Taterillus</i>	<i>pygargus</i>	Senegal Gerbil, Senegal Tateril	1.78	60	extant	0	NA	LC	frug/browse
AF	Rodentia	Muridae	<i>Thallomys</i>	<i>loringi</i>	Loring's Rat	2.01	103	extant	0	NA	LC	browse/frug
AF	Rodentia	Muridae	<i>Thallomys</i>	<i>nigricauda</i>	Black-tailed Tree Rat	2.10	125	extant	0	NA	LC	browse/frug
AF	Rodentia	Muridae	<i>Thallomys</i>	<i>paedulcus</i>	Acacia Rat	1.91	81	extant	0	NA	LC	browse/frug
AF	Rodentia	Muridae	<i>Thallomys</i>	<i>shortridgei</i>	Shortridge's Rat, Shortrige's Rat	2.01	103	extant	0	NA	DD	browse/frug
AF	Rodentia	Muridae	<i>Thamnomys</i>	<i>kempi</i>	Kemp's Thicket Rat	1.88	75	extant	Future	NA	VU	browse/frug
AF	Rodentia	Muridae	<i>Thamnomys</i>	<i>venustus</i>	Charming Thicket Rat	1.79	62	extant	Future	NA	VU	browse/frug
AF	Rodentia	Muridae	<i>Uranomys</i>	<i>ruddi</i>	Rudd's Bristle-furred Rat, Rudd's Mouse	1.61	40	extant	0	NA	LC	ginsect/frug
AF	Rodentia	Muridae	<i>Zelotomys</i>	<i>hildegardeae</i>	Hildegarde's Broad-headed Mouse, Hildegarde's Zelotomys, Hildegarde's Zelotomys	1.78	60	extant	0	NA	LC	ginsect
AF	Rodentia	Muridae	<i>Zelotomys</i>	<i>woosnami</i>	Woosnam's Broad-headed Mouse, Woosnam's Zelotomys, Woosnam's Zelotomys	1.73	54	extant	0	NA	LC	frug/ginsect
AF	Rodentia	Myoxidae	<i>Graphiurus</i>	<i>kelleni</i>	Kellen's Dormouse, Kellen's African Dormouse	1.02	11	extant	0	NA	LC	ginsect/carn
AF	Rodentia	Myoxidae	<i>Graphiurus</i>	<i>kelleni</i>	Kellen's Dormouse, Kellen's African Dormouse	1.44	28	extant	0	NA	LC	ginsect/carn
AF	Rodentia	Myoxidae	<i>Graphiurus</i>	<i>nagtglasii</i>		1.65	45	extant	0	NA	LC	ginsect/carn
AF	Rodentia	Nesomyidae	<i>Beamys</i>	<i>hindei</i>	Long-tailed Pouched Rat, Lesser Pouched Rat, Lesser Hamster-rat, Hinde's Pouched Rat	1.88	76	extant	0	NA	LC	frug

AF	Rodentia	Nesomyidae	<i>Beamys</i>	<i>major</i>	Long-tailed Pouched Rat	1.88	76	extant	0	NA	LC	
AF	Rodentia	Nesomyidae	<i>Cricetomys</i>	<i>emini</i>	Forest Giant Pouched Rat, Giant Rat	3.11	1300	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Cricetomys</i>	<i>gambianus</i>	Gambian Rat, Northern Giant Pouched Rat	3.10	1271	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Delanymys</i>	<i>brooksi</i>	Delany's Mouse, Delany's Swamp Mouse	0.70	5	extant	Future	NA	VU	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>insignis</i>	Montane African Climbing Mouse, Remarkable Climbing Mouse	1.04	11	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>kahuziensis</i>	Mount Kahuzi African Climbing Mouse, Mt. Kahuzi Climbing Mouse	1.04	11	extant	Future	NA	CR	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>lovati</i>	Lovat's African Climbing Mouse, Lovat's Climbing Mouse	1.08	12	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>melanotis</i>	Gray African Climbing Mouse, Gray Glimbing Mouse	0.96	9	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>mesomelas</i>	Brant's Climbing Mouse	1.05	11	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>messorius</i>	Banana Climbing Mouse	1.04	11	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>mystacalis</i>	Chestnut Climbing Mouse	0.89	8	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>nyikae</i>	Nyika Climbing Mouse	1.18	15	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>oreas</i>	Cameroon Climbing Mouse	1.04	11	extant	Future	NA	VU	frug
AF	Rodentia	Nesomyidae	<i>Dendromus</i>	<i>vernayi</i>	Vernay's Climbing Mouse	1.04	11	extant	0	NA	DD	frug
AF	Rodentia	Nesomyidae	<i>Dendroprionomys</i>	<i>rousseleti</i>	Velvet African Climbing Mouse, Velvet Climbing Mouse			extant	0	NA	DD	frug
AF	Rodentia	Nesomyidae	<i>Malacothrix</i>	<i>typica</i>	Gerbil Mouse	1.13	13	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Megadendromus</i>	<i>nikolausi</i>	Nikolaus's Mouse	1.72	52	extant	0	NA	DD	frug
AF	Rodentia	Nesomyidae	<i>Mystromys</i>	<i>albicaudatus</i>	White-tailed Mouse, White-tailed Rat	1.94	87	extant	Future	NA	EN	frug/browse
AF	Rodentia	Nesomyidae	<i>Petromyscus</i>	<i>barbouri</i>	Barbour's Rock Mouse	1.46	29	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Petromyscus</i>	<i>collinus</i>	Pygmy Rock Mouse	1.30	20	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Petromyscus</i>	<i>monticularis</i>	Brukkaros Pygmy Rock Mouse	1.32	21	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Petromyscus</i>	<i>shortridgei</i>	Shortridge's Rock Mouse	1.67	47	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Prionomys</i>	<i>batesi</i>	Dollman's Tree Mouse	1.10	13	extant	0	NA	DD	ginsect
AF	Rodentia	Nesomyidae	<i>Saccostomus</i>	<i>campestris</i>	Pouched Mouse, Southern African Pouched Mouse	1.71	51	extant	0	NA	LC	frug

AF	Rodentia	Nesomyidae	<i>Saccostomus</i>	<i>mearnsi</i>	East African Pouched Mouse, Mearns's Pouched Mouse	1.66	46	extant	0	NA	LC	frug
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>caurinus</i>	Northwestern Fat Mouse	1.65	45	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>cuppedius</i>	Dainty Fat Mouse	1.49	31	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>jacksoni</i>	Jackson's Fat Mouse	1.49	31	extant	0	NA	DD	frug/browse
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>krebsii</i>	Kreb's Fat Mouse	1.32	21	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>parvus</i>	Tiny Fat Mouse	0.95	9	extant	0	NA	LC	frug/browse
AF	Rodentia	Nesomyidae	<i>Steatomys</i>	<i>pratensis</i>	Fat Mouse	1.68	48	extant	0	NA	LC	frug/browse
AF	Rodentia	Pedetidae	<i>Pedetes</i>	<i>capensis</i>	Spring Hare, Springhare, Springhaas	3.50	3155	extant	0	NA	LC	graze
AF	Rodentia	Petromuridae	<i>Petromus</i>	<i>typicus</i>	Dassie Rat	2.35	224	extant	0	NA	LC	graze/browse
AF	Rodentia	Sciuridae	<i>Atlantoxerus</i>	<i>getulus</i>	Barbary Ground Squirrel, North African Ground Squirrel	2.40	251	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Epixerus</i>	<i>ebii</i>	Western Palm Squirrel, Ebian's Palm Squirrel, Temminck's Giant Squirrel	2.77	592	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Epixerus</i>	<i>wilsoni</i>	Western Palm Squirrel	2.59	388	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>anerythrus</i>	Redness Tree Squirrel, Thomas's Rope Squirrel	2.34	218	extant	0	NA	LC	frug/insect
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>bayonii</i>	Lunda Rope Squirrel	2.13	135	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>carruthersi</i>	Carruther's Mountain Squirrel	2.46	286	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>congicus</i>	Congo Rope Squirrel	2.05	112	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>isabella</i>	Lady Burton's Rope Squirrel	2.04	109	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>lemniscatus</i>	Ribboned Rope Squirrel	2.15	141	extant	0	NA	LC	frug/insect
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>leucogenys</i>	Orange Headed Tree Squirrel, Red-cheeked Rope Squirrel	2.40	250	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>pyrropus</i>	Fire-footed Rope Squirrel	2.47	297	extant	0	NA	LC	frug/insect
AF	Rodentia	Sciuridae	<i>Funisciurus</i>	<i>substriatus</i>	Kintampo Rope Squirrel, Winston's Tree Squirrel	2.27	186	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>gambianus</i>	Gambian Sun Squirrel	2.47	295	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>mutabilis</i>	Mutable Sun Squirrel	2.59	390	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>punctatus</i>	Small Sun Squirrel	2.24	174	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>rufobrachium</i>	Crab-eating Mongoose, Isabelline Red-legged Sun Squirrel, Red-legged Sun Squirrel	2.57	372	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>ruwenzorii</i>	Ruwenzori Sun Squirrel	2.46	291	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Heliosciurus</i>	<i>undulatus</i>	Zanj Sun Squirrel	2.54	347	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Myosciurus</i>	<i>pumilio</i>	African Pygmy Squirrel	2.22	165	extant	0	NA	LC	insect
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>alexandri</i>	Alexander's Bush Squirrel	1.72	52	extant	0	NA	LC	insect/frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>boehmi</i>	Boehm's Bush Squirrel	1.85	70	extant	0	NA	LC	insect/frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>cepapi</i>	Smith's Bush Squirrel	2.26	180	extant	0	NA	LC	frug/browse

AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>cooperi</i>	Cooper's Mountain Squirrel, Cusorial Akodont	2.40	250	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>flavovittis</i>	Striped Bush Squirrel	2.20	160	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>lucifer</i>	Black And Red Bush Squirrel	2.85	700	extant	0	NA	DD	frug/insect
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>ochraceus</i>	Ochre Bush Squirrel	2.02	104	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>palliatatus</i>	Red Bush Squirrel	2.49	309	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>poensis</i>	Green Bush Squirrel	2.10	125	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>vexillarius</i>	Svynnerton's Bush Squirrel	2.83	675	extant	Future	NA	NT	frug
AF	Rodentia	Sciuridae	<i>Paraxerus</i>	<i>vincenti</i>	Vincent's Bush Squirrel	2.42	263	extant	Future	NA	EN	
AF	Rodentia	Sciuridae	<i>Protoxerus</i>	<i>aubinnii</i>	Slender-tailed Squirrel	2.54	350	extant	0	NA	DD	frug
AF	Rodentia	Sciuridae	<i>Protoxerus</i>	<i>stangeri</i>	African Giant Squirrel, Forest Giant Squirrel	2.79	621	extant	0	NA	LC	frug
AF	Rodentia	Sciuridae	<i>Xerus</i>	<i>erythropus</i>	Striped Ground Squirrel, Geoffroy's Ground Squirrel	2.70	502	extant	0	NA	LC	frug/browse
AF	Rodentia	Sciuridae	<i>Xerus</i>	<i>inauris</i>	South African Ground Squirrel	2.72	529	extant	0	NA	LC	browse/frug
AF	Rodentia	Sciuridae	<i>Xerus</i>	<i>princeps</i>	Damara Ground Squirrel	2.80	636	extant	0	NA	LC	browse/frug
AF	Rodentia	Sciuridae	<i>Xerus</i>	<i>rutilus</i>	Unstriped Ground Squirrel	2.50	317	extant	0	NA	LC	browse/frug
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>ankoliae</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>annectens</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>audax</i>		2.37	235	extant	0	NA	LC	Browse
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>daemon</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>macrocephalus</i>	Giant Mole Rat	2.78	597	extant	Future	NA	EN	Browse
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>naivashae</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>rex</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>ruandae</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>ruddi</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>spalacinus</i>		2.54	348	extant	0	NA	LC	
AF	Rodentia	Spalacidae	<i>Tachyoryctes</i>	<i>splendens</i>	East African Mole Rat	2.33	212	extant	0	NA	LC	Browse
AF	Rodentia	Thryonomyidae	<i>Thryonomys</i>	<i>gregorianus</i>	Lesser Cane Rat	3.43	2707	extant	0	NA	LC	graze
AF	Rodentia	Thryonomyidae	<i>Thryonomys</i>	<i>swinderianus</i>	Greater Cane Rat	3.50	3180	extant	0	NA	LC	graze
AF	Sirenia	Trichechidae	<i>Trichechus</i>	<i>senegalensis</i>	African Manatee, West Seacow	5.66	454000	extant	Future	NA	VU	Graze
AF	Soricomorpha	Soricidae	<i>Congosorex</i>	<i>polli</i>	Greater Congo Shrew, Poll's Shrew			extant	0	NA	DD	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>aleksandrisi</i>	Alexandrian Shrew, Cyrenaica Shrew	1.11	13	extant	0	NA	LC	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>allex</i>	East African Highland Shrew, Highlands Shrew	1.11	13	extant	Future	NA	VU	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>ansellorum</i>	Ansell's Shrew	1.11	13	extant	Future	NA	EN	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>attila</i>	Hun Shrew	1.11	13	extant	0	NA	LC	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>baileyi</i>	Bailey's Shrew	1.11	13	extant	Future	NA	EN	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>batesi</i>	Bate's Shrew	1.19	16	extant	0	NA	LC	insect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>bottegi</i>	Bottego's Shrew	0.54	4	extant	0	NA	DD	insect

AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>bottegoides</i>	Bale Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>buettikoferi</i>	Buettikofer's Shrew	1.11	13	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>caliginea</i>	African Dusky Shrew, African Foggy Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>cinderella</i>	Cinderella Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>congebologica</i>	Congo Shrew, Congo White-toothed Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>crenata</i>	Long-footed Shrew	0.81	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>crossei</i>	Crosse's Shrew	0.84	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>cyanea</i>	Reddish-gray Musk Shrew	0.97	9	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>denti</i>	Dent's Shrew	0.85	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>desperata</i>	Desperate Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>dolichura</i>	Long-tailed Musk Shrew	0.76	6	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>douceti</i>	Doucet's Musk Shrew	0.63	4	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>eisentrauti</i>	Eisentraut's Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>elgonius</i>	Elgon Shrew	0.81	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>erica</i>	Heather Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>fischeri</i>	Fischer's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>flavescens</i>	Greater Red Musk Shrew	1.45	28	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>floweri</i>	Flower's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>foxi</i>	Fox's Shrew	1.28	19	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>fulvastra</i>	Savanna Shrew	1.10	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>fumosa</i>	Smoky White-toothed Shrew	1.16	15	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>fuscomurina</i>	Bicolored Musk Shrew, Tiny Musk Shrew	0.59	4	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>glassi</i>	Glass's Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>goliath</i>	Goliath Shrew	1.74	55	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>gracilipes</i>	Peters' Musk Shrew	0.83	7	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>grandiceps</i>	Large-headed Forest Shrew, Large-headed Shrew	1.36	23	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>grassei</i>	Grasse's Shrew	1.13	14	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>greenwoodi</i>	Greenwood's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>harennia</i>	Harennia Shrew	1.11	13	extant	Future	NA	CR	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>hildegardae</i>	Hildegarde's Shrew	0.98	10	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>hirta</i>	Lesser Red Musk Shrew	1.20	16	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>jacksoni</i>	Jackson's Shrew	0.85	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>kivuana</i>	Kivu Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>lamottei</i>	Lamotte's Shrew	1.31	21	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>lanosa</i>	Kivu Long-haired Shrew, Lemara Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>latona</i>	Latona Shrew, Latona's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>littoralis</i>	Butiaba Naked-tailed Shrew, Naked-tail Shrew	1.20	16	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>longipes</i>	Savanna Swamp Shrew	1.29	19	extant	0	NA	DD	ginsect

AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>lucina</i>	Lucina's Shrew, Moorland Shrew, Moorland Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>ludia</i>	Dramatic Shrew, Ludia's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>luna</i>	Greater Gray-brown Musk Shrew	1.16	15	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>lusitania</i>	Mauritanian Shrew	0.30	2	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>macarthuri</i>	Macarthur's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>macmillani</i>	Macmillan's Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>macowi</i>	Macow's Shrew, Nyiro Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>manengubae</i>	Manenguba Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>maquassiensis</i>	Makwassie Musk Shrew, Maquassie Musk Shrew	0.78	6	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>mariquensis</i>	Swamp Musk Shrew	1.05	11	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>maurisca</i>	Dark Shrew, Gracile Naked-tailed Shrew	1.15	14	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>monax</i>	Kilimanjaro Shrew, Rombo Shrew	1.20	16	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>montis</i>	Montane White-toothed Shrew	1.16	15	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>muricauda</i>	Mouse-tailed Shrew, West African Long- tailed Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>mutesae</i>	Uganda Large-toothed Shrew, Ugandan Musk Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nana</i>	Dwarf White-toothed Shrew, Somali Dwarf Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nanilla</i>	Savanna Dwarf Shrew, Tiny White-toothed Shrew	0.81	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nigeriae</i>	Nigerian Shrew	1.36	23	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nigricans</i>	Blackish White-toothed Shrew, Black White- toothed Shrew	1.30	20	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nigripes</i>	Black-footed Shrew	1.12	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nigrofusca</i>	African Black Shrew, Tenebrous Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>nimbae</i>	Nimba Shrew	1.19	16	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>niobe</i>	Niobe's Shrew, Stony Shrew	1.20	16	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>obscurior</i>	Obscure White-toothed Shrew, West African Pygmy Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>olivieri</i>	Olivier's Shrew, African Giant Shrew	1.76	58	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crociodura</i>	<i>parvipes</i>	Small-footed Shrew	1.11	13	extant	0	NA	LC	ginsect

AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>pasha</i>	Pasha Shrew, Sahelian Tiny Shrew	0.81	7	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>phaeura</i>	Guramba Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>picea</i>	Cameroonian Shrew, Pitch Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>pitmani</i>	Pitman's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>planiceps</i>	Flat-headed Shrew	0.40	3	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>poensis</i>	Fraser's Musk Shrew	1.22	17	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>polia</i>	Fuscous Shrew, Polia's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>raineyi</i>	Rainey Shrew, Rainey's Shrew	1.16	15	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>religiosa</i>	Egyptian Pygmy Shrew	0.85	7	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>roosevelti</i>	Roosevelt's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>russula</i>	White-toothed Shrew, Greater White-toothed Shrew	0.81	6	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>selina</i>	Moon Shrew, Ugandan Lowland Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>silacea</i>	Lesser Gray-brown Musk Shrew	0.90	8	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>smithii</i>	Desert Musk Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>somalica</i>	Somali Shrew	1.06	12	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>stenocephala</i>	Kahuzi Swamp Shrew, Narrow-headed Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>suaveolens</i>	Lesser Shrew, Lesser White-toothed Shrew	0.70	5	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>tansaniana</i>	Tanzanian Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>tarella</i>	Tarella Shrew, Ugandan Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>tarfayensis</i>	Tarfaya Shrew, Saharan Shrew	0.81	7	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>telfordi</i>	Telford's Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>thalia</i>	Thalia Shrew, Thalia's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>theresae</i>	Therese's Shrew	1.25	18	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>thomensis</i>	Sao Tom_ Shrew, S ^t o Tom_ Shrew	1.11	13	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>turba</i>	Tumultuous Shrew, Turbo Shrew	1.16	15	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>ultima</i>	Ultimate Shrew	1.20	16	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>usambarae</i>	Usambara Shrew	0.99	10	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>viaria</i>	Savanna Path Shrew	1.23	17	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>voi</i>	Voi Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>whitakeri</i>	Whitaker's Shrew	0.74	6	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>wimmeri</i>	Wimmer's Shrew	1.37	24	extant	Future	NA	CR	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>xantippe</i>	Vermiculate Shrew, Xanthippe's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>yankariensis</i>	Yankari Shrew	0.70	5	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>zaphiri</i>	Zaphir's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>zimmeri</i>	Upemba Shrew, Zimmer's Shrew	1.16	15	extant	0	NA	DD	ginsect

AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>babaulti</i>	Babault's Mouse Shrew	1.09	12	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>blarina</i>	Montane Mouse Shrew	1.09	12	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>cafer</i>	Dark-footed Forest Shrew, Dark-footed Mouse Shrew	1.13	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>eisentrauti</i>	Eisentraut's Mouse Shrew	1.09	12	extant	Future	NA	CR	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>geata</i>	Geata Mouse Shrew	0.97	9	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>longicaudatus</i>	Long-tailed Forest Shrew	1.11	13	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>okuensis</i>	Oku Mouse Shrew	1.09	12	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>rumpii</i>	Rumpi Mouse Shrew	1.09	12	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>schalleri</i>	Schaller's Mouse Shrew	1.09	12	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>sclateri</i>	Sclater's Mouse Shrew, Sclater's Tiny Mouse Shrew	1.09	12	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>tenuis</i>	Thin Mouse Shrew	1.09	12	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Myosorex</i>	<i>varius</i>	Forest Shrew	1.12	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Paracrocidura</i>	<i>graueri</i>	Grauer's Large-headed Shrew, Grauer's Shrew	1.11	13	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Paracrocidura</i>	<i>maxima</i>	Greater Large-headed Shrew, Greater Shrew	1.11	13	extant	Future	NA	NT	ginsect
AF	Soricomorpha	Soricidae	<i>Paracrocidura</i>	<i>schoutedeni</i>	Lesser Large-headed Shrew, Schouteden's Shrew	1.11	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Ruwenzorisorex</i>	<i>suncoides</i>	Ruwenzori Shrew	1.26	18	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Scutisorex</i>	<i>somereni</i>	Armored Shrew	1.96	92	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>etruscus</i>	Pygmy White-toothed Shrew, White-toothed Pygmy Shrew, Savi's Pygmy Shrew, Etruscan Shrew	0.28	2	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>infinitesimus</i>	Least Dwarf Shrew	0.48	3	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>lixus</i>	Greater Dwarf Shrew	0.69	5	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>megalura</i>	Climbing Shrew	0.67	5	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>murinus</i>	House Shrew, Asian House Shrew	1.94	87	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>remyi</i>	Gabon Dwarf Shrew, Remy's Pygmy Shrew, Remy's Shrew	0.24	2	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Suncus</i>	<i>varilla</i>	Lesser Dwarf Shrew	0.70	5	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Surdisorex</i>	<i>norae</i>	Aberdare Mole Shrew, Aberdare Shrew	0.95	9	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Surdisorex</i>	<i>polulus</i>	Mt. Kenya Mole Shrew, Mt. Kenya Shrew	0.95	9	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>granti</i>	Grant's Forest Shrew, Grant's Shrew	0.93	9	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>howelli</i>	Howell's Forest Shrew, Howell's Shrew	0.64	4	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>isabellae</i>	Bioko Forest Shrew, Isabella Shrew	0.93	9	extant	Future	NA	EN	ginsect

AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>johnstoni</i>	Johnston's Forest Shrew, Johnston's Shrew	0.50	3	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>lunaris</i>	Moon Forest Shrew, Crescent Shrew	1.27	19	extant	Future	NA	VU	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>morio</i>	Arrogant Shrew, Mt. Cameroon Forest Shrew	0.93	9	extant	Future	NA	EN	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>ollula</i>	Forest Musk Shrew, Greater Forest Shrew	1.12	13	extant	0	NA	LC	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>oriundus</i>	Lesser Forest Shrew, Mountain Shrew	0.93	9	extant	0	NA	DD	ginsect
AF	Soricomorpha	Soricidae	<i>Sylvisorex</i>	<i>vulcanorum</i>	Volcano Shrew	0.54	4	extant	Future	NA	NT	ginsect
AF	Tubulidentata	Orycteropodidae	<i>Orycteropus</i>	<i>afer</i>	Aardvark, Antbear	4.72	52350	extant	0	NA	LC	ginsect
AUS	Carnivora	Canidae	<i>Canis</i>	<i>lupus</i>	dingo	4.23	16800	extant	0	NA	LC	Carn
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinomys</i>	<i>laniger</i>	Kultarr	1.40	25	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>bellus</i>	Fawn Antechinus, Fawn Marsupial Mouse	1.65	45	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>flavipes</i>	Yellow-footed Antechinus, Yellow-footed Marsupial Mouse	1.65	45	extant	0	NA	LC	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>godmani</i>	Atherton Antechinus, Godman's Antechinus, Atherton Marsupial Mouse	1.88	77	extant	Future	NA	NT	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>leo</i>	Cinnamon Antechinus, Iron Range Antechinus, Cinnamon Marsupial Mouse	1.87	74	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>minimus</i>	Swamp Antechinus, Swamp Marsupial Mouse, Little Tasmanian Marsupial-mouse	1.73	54	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>stuartii</i>	Brown Antechinus, Stuart's Marsupial-mouse, Brown Marsupial Mouse	1.44	28	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Antechinus</i>	<i>swainsonii</i>	Dusky Antechinus, Dusky Marsupial Mouse, Swainson's Marsupial-mouse	1.72	53	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Dasyercus</i>	<i>cristicauda</i>	Crest-tailed Mulgara	2.00	100	extant	Future	NA	NT	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Dasykaluta</i>	<i>rosamondae</i>	Kaluta, Little Red Kaluta, Little Red Antechinus	1.46	29	extant	0	NA	LC	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Dasyuroides</i>	<i>byrnei</i>	Kowari	2.02	104	extant	Future	NA	VU	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Dasyurus</i>	<i>geoffroii</i>	Western Quoll, Chuditch	3.04	1100	extant	Future	NA	NT	carn/ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Dasyurus</i>	<i>hallucatus</i>	Northern Quoll	2.72	525	extant	Future	NA	EN	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Dasyurus</i>	<i>maculatus</i>	Spotted-tailed Quoll	3.74	5500	extant	Future	NA	NT	carn/ginsect

AUS	Dasyuromorphia	Dasyuridae	<i>Dasyurus</i>	<i>viverrinus</i>	Eastern Quoll	3.04	1090	extant	Future	NA	EN	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Ningaui</i>	<i>ridei</i>	Wongai Ningau	0.93	9	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Ningaui</i>	<i>timealeyi</i>	Pilbara Ningau	0.76	6	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Ningaui</i>	<i>yvonneae</i>		0.85	7	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Parantechinus</i>	<i>apicalis</i>	Dibbler, Southern Dibbler	1.84	69	extant	Future	NA	EN	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Phascogale</i>	<i>calura</i>	Red-tailed Phascogale, Red-tailed Wambenger	1.71	52	extant	Future	NA	NT	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Phascogale</i>	<i>tapoatafa</i>	Brush-tailed Phascogale	2.29	194	extant	Future	NA	NT	Ginsect/carn
AUS	Dasyuromorphia	Dasyuridae	<i>Planigale</i>	<i>gilesi</i>	Giles' Planigale, Paucident Planigale	0.96	9	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Planigale</i>	<i>ingrami</i>	Long-tailed Planigale	0.63	4	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Planigale</i>	<i>maculata</i>	Common Planigale, Pygmy Planigale	1.04	11	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Planigale</i>	<i>tenuirostris</i>	Narrow-nosed Planigale	0.78	6	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Pseudantechinus</i>	<i>bilarni</i>	Sandstone Antechinus, Sandstone Pseudantechinus	1.44	28	extant	Future	NA	NT	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Pseudantechinus</i>	<i>macdonnellensis</i>	Fat-tailed Pseudantechinus, Fat-tailed Antechinus	1.51	33	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Pseudantechinus</i>	<i>ningbing</i>	Ningbing Pseudantechinus, Ningbing Antechinus	1.30	20	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Pseudantechinus</i>	<i>woolleyae</i>	Woolley's Pseudantechinus, Woolley's Antechinus	1.60	40	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sarcophilus</i>	<i>harrisii</i>	Tasmanian Devil	4.00	10000	extant	Future	NA	EN	Carn
AUS	Dasyuromorphia	Dasyuridae	<i>Sarcophilus</i>	<i>lanarius</i>	large Tasmanian devil	4.08	12000	extinct	EP	50	EX	Carn
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>aitkeni</i>	Kangaroo Island Dunnart	1.35	23	extant	Future	NA	CR	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>archeri</i>	Chestnut Dunnart	1.20	16	extant	0	NA	DD	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>butleri</i>	Butler's Dunnart	1.40	25	extant	Future	NA	VU	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>crassicaudata</i>	Fat-tailed Dunnart	1.18	15	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>dolichura</i>	Little Long-tailed Dunnart	1.13	14	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>douglasi</i>	Julia Creek Dunnart	1.74	55	extant	Future	NA	NT	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>fuliginosus</i>	Sooty Dunnart	1.34	22	extant	0	NA	DD	
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>gilberti</i>	Gilbert's Dunnart	1.29	20	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>granulipes</i>	White-tailed Dunnart	1.40	25	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>griseoventer</i>	Grey-bellied Dunnart, Boullanger Island Dunnart, Gray-bellied Dunnart	1.24	18	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>hirtipes</i>	Hairy-footed Dunnart	1.18	15	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>leucopus</i>	White-footed Dunnart	1.41	26	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>longicaudata</i>	Long-tailed Dunnart	1.26	18	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>macroura</i>	Stripe-faced Dunnart	1.30	20	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>murina</i>	Common Dunnart, Slender-tailed Dunnart	1.23	17	extant	0	NA	LC	Ginsect

AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>ooldea</i>	Ooldea Dunnart	1.04	11	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>psammophila</i>	Sandhill Dunnart, Sandhill Sminthopsis, Large Desert Marsupial- mouse	1.53	34	extant	Future	NA	VU	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>virginiae</i>	Red-cheeked Dunnart	1.55	35	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Dasyuridae	<i>Sminthopsis</i>	<i>youngsoni</i>	Lesser Hairy-footed Dunnart	1.00	10	extant	0	NA	LC	Ginsect
AUS	Dasyuromorphia	Myrmecobiidae	<i>Myrmecobius</i>	<i>fasciatus</i>	Numbat, Banded Anteater	2.67	472	extant	Future	NA	EN	Ginsect
AUS	Dasyuromorphia	Phascolarctidae	<i>Phascolarctos</i>	<i>stirtoni</i>	giant koala	4.15	14000	extinct	EP	50	EX	Browse
AUS	Dasyuromorphia	Thylacinidae	<i>Thylacinus</i>	<i>cynocephalus</i>	Thylacine, Tasmanian Tiger, Tasmanian Wolf	4.48	30000	extinct	Holocene	NA	EX	Carn
AUS	Diprotodontia	Acrobatidae	<i>Acrobates</i>	<i>pygmaeus</i>	Feathertail Glider, Feather-tailed Glider, Pygmy Gliding Possum	1.08	12	extant	0	NA	LC	Frug/ginsect
AUS	Diprotodontia	Burramyidae	<i>Burramys</i>	<i>parvus</i>	Mountain Pygmy Possum, Broom's Pygmy-possum, Burramys	1.62	42	extant	Future	NA	CR	Ginsect
AUS	Diprotodontia	Burramyidae	<i>Cercartetus</i>	<i>caudatus</i>	Long-tailed Pygmy Possum, Long-tailed Pygmy-possum, Long- tailed Dormouse- phalanger	1.48	30	extant	0	NA	LC	Frug
AUS	Diprotodontia	Burramyidae	<i>Cercartetus</i>	<i>concinus</i>	Western Pygmy Possum, Western Pygmy-possum, Southwestern Pygmy Possum, Mundarda	1.11	13	extant	0	NA	LC	Frug/ginsect
AUS	Diprotodontia	Burramyidae	<i>Cercartetus</i>	<i>lepidus</i>	Little Pygmy Possum, Tasmanian Pygmy- possum, Little Pygmy- possum, Tasmanian Pygmy Possum	0.85	7	extant	0	NA	LC	ginsect/frug
AUS	Diprotodontia	Burramyidae	<i>Cercartetus</i>	<i>nanus</i>	Eastern Pygmy Possum, Eastern Pygmy-possum, Common Dormouse- phalanger	1.38	24	extant	0	NA	LC	Frug
AUS	Diprotodontia	Diprotodontidae	<i>Diprotodon</i>	<i>minor</i>		5.95	900000	extinct	EP	46	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Diprotodon</i>	<i>optatum</i>		6.18	1500000	extinct	EP	46	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Euowenia</i>	<i>grata</i>	age?	5.88	750000	extinct	EP	50	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Nototherium</i>	<i>mitchelli</i>		5.70	500000	extinct	EP	50	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Palorchestes</i>	<i>azael</i>		5.70	500000	extinct	EP	50	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Palorchestes</i>	<i>parvus</i>		5.00	100000	extinct	LP	122	EX	Browse
AUS	Diprotodontia	Diprotodontidae	<i>Zygomaturus</i>	<i>trilobus</i>		5.88	750000	extinct	EP	50	EX	Browse
AUS	Diprotodontia	Macropodidae	<i>Dendrolagus</i>	<i>bennettianus</i>	Bennett's Tree Kangaroo, Tcharibbeena, Dusty Tree-kangaroo	4.04	10950	extant	Future	NA	NT	Browse/frug

AUS	Diprotodontia	Macropodidae	<i>Dendrolagus</i>	<i>lumholtzi</i>	Lumholtz's Tree Kangaroo, Lumholtz' Tree-kangaroo, Boongary	3.83	6750	extant	Future	NA	NT	Browse
AUS	Diprotodontia	Macropodidae	<i>Lagorchestes</i>	<i>asomatus</i>	Kuluwarri, Central Hare Wallaby	3.18	1500	extinct	Holocene	NA	EX	Graze/frug
AUS	Diprotodontia	Macropodidae	<i>Lagorchestes</i>	<i>conspicillatus</i>	Spectacled Hare Wallaby, Spectacled Hare-wallaby	3.48	3050	extant	0	NA	LC	Browse/graze
AUS	Diprotodontia	Macropodidae	<i>Lagorchestes</i>	<i>hirsutus</i>	Rufous Hare Wallaby, Wurrup, Mala	3.10	1265	extant	Future	NA	VU	Graze
AUS	Diprotodontia	Macropodidae	<i>Lagorchestes</i>	<i>leporides</i>	Eastern Hare Wallaby	3.48	3000	extinct	Holocene	NA	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Lagostrophus</i>	<i>fasciatus</i>	Banded Hare Wallaby, Maning, Banded Hare-wallaby	3.23	1700	extant	Future	NA	VU	Browse/graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>agilis</i>	Agile Wallaby	4.18	15000	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>antilopinus</i>	Antilopine Wallaroo, Antilopine Wallaby, Antilopine Kangaroo	4.44	27250	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>bernardus</i>	Black Wallaroo, Bernard's Wallaroo	4.23	17000	extant	Future	NA	NT	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>dorsalis</i>	Black-striped Wallaby	4.05	11250	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>eugenii</i>	Tammar Wallaby, Tamar Wallaby	3.81	6500	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>ferragus</i>		5.18	150000	extinct	EP	54	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>fuliginosus</i>	Western Gray Kangaroo, Kangaroo Island Western Grey Kangaroo, Western Grey Kangaroo	4.34	22000	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>giganteus</i>	Eastern Grey Kangaroo	4.41	25875	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>greyi</i>	Toolache Wallaby	4.00	10000	extinct	Holocene	NA	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>irma</i>	Western Brush Wallaby, Kwoora, Western Bush Wallaby	3.90	8000	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>parma</i>	Parma Wallaby	3.65	4500	extant	Future	NA	NT	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>parryi</i>	Whiptail Wallaby	4.13	13500	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>pearsoni</i>		5.18	150000	extinct	EP	50	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>piltonesis</i>		4.48	30000	extinct	EP	50	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>robustus</i>	Common Wallaroo, Euro, Barrow Island Euro, Hill Wallaroo	4.33	21263	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>rufogriseus</i>	Red-necked Wallaby, Bennett's Wallaby	4.23	16850	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>rufus</i>	Red Kangaroo	4.67	46250	extant	0	NA	LC	Graze
AUS	Diprotodontia	Macropodidae	<i>Macropus</i>	<i>thor</i>		4.48	30000	extinct	EP	50	EX	Graze
AUS	Diprotodontia	Macropodidae	<i>Onychogalea</i>	<i>fraenata</i>	Bridled Nailtail Wallaby, Merrin, Bridled Wallaby, Bridled Nail-tailed Wallaby	3.74	5500	extant	Future	NA	VU	Graze/browse

	AUS	Diprotodontia	Macropodidae	<i>Onychogalea</i>	<i>lunata</i>	Crescent Nailtail Wallaby	3.54	3500	extinct	Holocene	NA	EX	Graze
	AUS	Diprotodontia	Macropodidae	<i>Onychogalea</i>	<i>unguifera</i>	Northern Nailtail Wallaby, Northern Nail-tailed Wallaby	3.82	6650	extant	0	NA	LC	Browse
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>assimilis</i>	Allied Rock Wallaby	3.65	4500	extant	0	NA	LC	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>brachyotis</i>	Short-eared Rock Wallaby	3.61	4050	extant	0	NA	LC	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>burbidgei</i>	Monjon	3.10	1258	extant	Future	NA	NT	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>concinna</i>	Nabarlek	3.15	1400	extant	Future	NA	EN	Graze/browse
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>godmani</i>	Godman's Rock Wallaby	3.68	4750	extant	Future	NA	NT	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>inornata</i>	Unadorned Rock Wallaby	3.66	4600	extant	0	NA	LC	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>lateralis</i>	Black-footed Rock Wallaby, Black-flanked Wallaby, Warru	3.67	4625	extant	Future	NA	VU	Graze/browse
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>penicillata</i>	Brush-tailed Rock Wallaby, Brush-tailed Rock-wallaby	3.85	7100	extant	Future	NA	VU	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>persephone</i>	Proserpine Rock Wallaby	3.79	6200	extant	Future	NA	EN	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>rothschildi</i>	Rothschild's Rock Wallaby	3.53	3400	extant	0	NA	LC	Graze
	AUS	Diprotodontia	Macropodidae	<i>Petrogale</i>	<i>xanthopus</i>	Yellow-footed Rock Wallaby, Ring-tailed Rock Wallaby	3.93	8500	extant	Future	NA	NT	Graze
	AUS	Diprotodontia	Macropodidae	<i>Procoptodon</i>	<i>goliah</i>		5.37	232000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Procoptodon</i>	<i>pusio</i>		4.88	75000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Procoptodon</i>	<i>rapha</i>		5.18	150000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Procoptodon</i>	<i>texasensis</i>		5.18	150000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Protemnodon</i>	<i>anak</i>		5.12	131000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Protemnodon</i>	<i>brehus</i>		5.00	100000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Protemnodon</i>	<i>brehus</i>	giant wallaby	5.04	110000	extinct	EP	36	EX	browse
	AUS	Diprotodontia	Macropodidae	<i>Protemnodon</i>	<i>gilli</i>		4.73	54000	extinct	EP	NA	EX	browse
	AUS	Diprotodontia	Macropodidae	<i>Protemnodon</i>	<i>roechus</i>		5.22	166000	extinct	EP	46	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Setonix</i>	<i>brachyurus</i>	Quokka	3.51	3250	extant	Future	NA	VU	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>brownei</i>		4.70	50000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>gilli</i>		4.48	30000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>maddocki</i>		4.89	78000	extinct	LP	70	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>occidentalis</i>		5.07	118000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>orientalis</i>		4.88	75000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Simosthenurus</i>	<i>pales</i>		5.18	150000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>andersoni</i>		4.86	72000	extinct	EP	36	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>atlas</i>		5.18	150000	extinct	EP	54	EX	Browse
c	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>murrayi</i>	short-faced kangaroo; >50kg	5.09	124400	extinct	LP	NA	EX	browse
	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>oreas</i>		5.00	100000	extinct	EP	50	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>stirlingi</i>		5.24	173000	extinct	LP	75	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Sthenurus</i>	<i>tindalei</i>		5.10	127000	extinct	LP	75	EX	Browse
	AUS	Diprotodontia	Macropodidae	<i>Thylogale</i>	<i>billardieri</i>	Tasmanian Pademelon, Red-bellied Pademelon	3.74	5450	extant	0	NA	LC	Graze

AUS	Diprotodontia	Macropodidae	<i>Thylogale</i>	<i>stigmatica</i>	Red-legged Pademelon	3.66	4600	extant	0	NA	LC	Browse/graze
AUS	Diprotodontia	Macropodidae	<i>Thylogale</i>	<i>thetis</i>	Red-necked Pademelon	3.73	5400	extant	0	NA	LC	graze/browse
AUS	Diprotodontia	Macropodidae	<i>Troposodon</i>	<i>minor</i>		4.60	40000	extinct	EP	60	EX	Browse
AUS	Diprotodontia	Macropodidae	<i>Wallabia</i>	<i>bicolor</i>	Swamp Wallaby	4.18	15000	extant	0	NA	LC	Browse
AUS	Diprotodontia	Petauridae	<i>Dactylopsila</i>	<i>trivirgata</i>	Striped Possum	2.63	423	extant	0	NA	LC	Ginsect
AUS	Diprotodontia	Petauridae	<i>Gymnobelideus</i>	<i>leadbeateri</i>	Leadbeater's Possum	2.10	127	extant	Future	NA	CR	Ginsect/frug
AUS	Diprotodontia	Petauridae	<i>Petaurus</i>	<i>australis</i>	Yellow-bellied Glider	2.76	575	extant	Future	NA	NT	Frug
AUS	Diprotodontia	Petauridae	<i>Petaurus</i>	<i>breviceps</i>	Sugar Glider	2.11	128	extant	0	NA	LC	Frug/ginsect
AUS	Diprotodontia	Petauridae	<i>Petaurus</i>	<i>gracilis</i>	Mahogany Glider	2.55	353	extant	Future	NA	EN	Frug/ginsect
AUS	Diprotodontia	Petauridae	<i>Petaurus</i>	<i>norfolcensis</i>	Squirrel Glider	2.36	230	extant	0	NA	LC	Frug/ginsect
AUS	Diprotodontia	Phalangeridae	<i>Phalanger</i>	<i>orientalis</i>	Northern Common Cuscus, Common Phalanger, Grey Cuscus	3.27	1850	extant	0	NA	LC	Frug/browse
AUS	Diprotodontia	Phalangeridae	<i>Spilocuscus</i>	<i>maculatus</i>	Common Spotted Cuscus, Spotted Phalanger, Short-tailed Spotted Cuscus	3.81	6400	extant	0	NA	LC	Browse
AUS	Diprotodontia	Phalangeridae	<i>Trichosurus</i>	<i>arnhemensis</i>	Northern brushtail possum	3.11	1300	extant	0	NA	DD	Browse/frug
AUS	Diprotodontia	Phalangeridae	<i>Trichosurus</i>	<i>caninus</i>	Short-eared Brushtail Possum, Mountain Brushtail Possum	3.54	3500	extant	0	NA	LC	Browse/frug
AUS	Diprotodontia	Phalangeridae	<i>Trichosurus</i>	<i>vulpecula</i>	Common Brushtail Possum, Silver-gray Brushtail Possum	3.42	2650	extant	0	NA	LC	Browse/frug
AUS	Diprotodontia	Phalangeridae	<i>Wyulda</i>	<i>squamicaudata</i>	Scaly-tailed Possum, Yilangal, Ilangurra	3.22	1675	extant	Future	NA	NT	Frug/browse
AUS	Diprotodontia	Phascolarctidae	<i>Phascolarctos</i>	<i>cinereus</i>	Koala	4.01	10250	extant	Future	NA	VU	Browse
AUS	Diprotodontia	Potoroidae	<i>Aepyprymnus</i>	<i>rufescens</i>	Rufous Bettong, Rufous Rat-kangaroo	3.51	3250	extant	0	NA	LC	Browse
AUS	Diprotodontia	Potoroidae	<i>Bettongia</i>	<i>gaimardi</i>	Tasmanian Bettong, Tasmanian Rat Kangaroo, Southern Bettong, Eastern Bettong, Gaimard's Bettong	3.22	1660	extant	Future	NA	NT	Browse/frug
AUS	Diprotodontia	Potoroidae	<i>Bettongia</i>	<i>lesueur</i>	Burrowing Bettong, Lesueur's Rat Kangaroo, Burrowing Rat-kangaroo, Lesueur's Bettong, Boodie	3.18	1500	extant	Future	NA	NT	Browse/frug
AUS	Diprotodontia	Potoroidae	<i>Bettongia</i>	<i>penicillata</i>	Woylie, Brush-tailed Bettong, Brush-tailed Rat-kangaroo	3.11	1300	extant	Future	NA	CR	Browse
AUS	Diprotodontia	Potoroidae	<i>Caloprymnus</i>	<i>campestris</i>	Desert Rat Kangaroo, Plains Rat-kangaroo, Buff-nosed Rat-kangaroo, Desert Rat-kangaroo	2.95	900	extinct	Holocene	NA	EX	Frug
AUS	Diprotodontia	Potoroidae	<i>Hypsiprymnodon</i>	<i>moschatus</i>	Musky Rat Kangaroo	2.72	520	extant	0	NA	LC	Browse/frug
AUS	Diprotodontia	Potoroidae	<i>N.gen</i>	<i>spp</i>		3.70	5000	extinct	EP	NA	EX	Browse

AUS	Diprotodontia	Potoroidae	<i>Potorous</i>	<i>longipes</i>	Long-footed Potoroo	3.28	1900	extant	Future	NA	VU	Browse
AUS	Diprotodontia	Potoroidae	<i>Potorous</i>	<i>platyops</i>	Broad-faced Potoroo	2.70	500	extinct	Holocene	NA	EX	Browse
AUS	Diprotodontia	Potoroidae	<i>Potorous</i>	<i>tridactylus</i>	Long-nosed Potoroo	3.04	1100	extant	Future	NA	NT	Browse
AUS	Diprotodontia	Potoroidae	<i>Propleopus</i>	<i>oscillans</i>		4.60	40000	extinct	EP	55	EX	Browse
AUS	Diprotodontia	Psuedocheiridae	<i>Hemibelideus</i>	<i>lemuroides</i>	Lemuroid Ringtail Possum	2.98	953	extant	Future	NA	NT	Browse
AUS	Diprotodontia	Psuedocheiridae	<i>Petauroides</i>	<i>volans</i>	Greater Glider, Greater Gliding Possum	3.11	1300	extant	Future	NA	VU	Browse
AUS	Diprotodontia	Psuedocheiridae	<i>Petropseudes</i>	<i>dahli</i>	Rock Ringtail Possum, Rock Possum	3.21	1640	extant	0	NA	LC	Frug/browse
AUS	Diprotodontia	Psuedocheiridae	<i>Pseudocheirus</i>	<i>peregrinus</i>	Common Ringtail Possum, Common Ring-tailed Possum,	2.95	900	extant	0	NA	LC	Browse
AUS	Diprotodontia	Psuedocheiridae	<i>Pseudochirops</i>	<i>archeri</i>	Queensland Ringtail Green Ringtail Possum	3.04	1092	extant	0	NA	LC	Browse
AUS	Diprotodontia	Psuedocheiridae	<i>Pseudochirulus</i>	<i>herbertensis</i>	Herbert River Ringtail Possum, Herbert River Ringtail	3.05	1115	extant	0	NA	LC	Browse
AUS	Diprotodontia	Tarsipedidae	<i>Tarsipes</i>	<i>rostratus</i>	Honey Possum	0.95	9	extant	0	NA	LC	Frug
AUS	Diprotodontia	Vombatidae	<i>Lasiorhinus</i>	<i>angustidens</i>		4.70	50000	extinct	EP	50	EX	Graze
AUS	Diprotodontia	Vombatidae	<i>Lasiorhinus</i>	<i>krefftii</i>	Northern Hairy-nosed Wombat, Queensland Hairy-nosed Wombat	3.46	2900	extant	Future	NA	CR	Graze
AUS	Diprotodontia	Vombatidae	<i>Lasiorhinus</i>	<i>latifrons</i>	Southern Hairy-nosed Wombat	4.41	25500	extant	Future	NA	NT	Graze
AUS	Diprotodontia	Vombatidae	<i>Phascolomys</i>	<i>medius</i>		4.70	50000	extinct	EP	46	EX	Graze
AUS	Diprotodontia	Vombatidae	<i>Phascolonus</i>	<i>gigas</i>		5.30	200000	extinct	EP	46	EX	Graze
AUS	Diprotodontia	Vombatidae	<i>Ramsaya</i>	<i>magna</i>		5.00	100000	extinct	EP	NA	EX	Graze
AUS	Diprotodontia	Vombatidae	<i>Vombatus</i>	<i>hacketti</i>		4.48	30000	extinct	EP	48	EX	Graze
AUS	Diprotodontia	Vombatidae	<i>Vombatus</i>	<i>ursinus</i>	Common Wombat, Coarse-haired Wombat	4.41	26000	extant	0	NA	LC	Graze
AUS	Diprotodontia	Vombatidae	<i>Warenja</i>	<i>wakefieldi</i>		4.00	10000	extinct	EP	NA	EX	Graze
AUS	Lagomorpha	Leporidae	<i>Lepus</i>	<i>capensis</i>	Cape Hare, Desert Hare, Arabian Hare, Brown Hare	3.60	4000	extant	0	NA	LC	Frug/browse
AUS	Monotremata	Ornithorhynchidae	<i>Ornithorhynchus</i>	<i>anatinus</i>	Platypus, Duck-billed Platypus	3.17	1484	extant	Future	NA	NT	Ginsect
AUS	Monotremata	Tachyglossidae	<i>Megalibgwilia</i>	<i>ramsayi</i>		4.00	10000	extinct	LP	104	EX	Ginsect
AUS	Monotremata	Tachyglossidae	<i>Tachyglossus</i>	<i>aculeatus</i>	Short-beaked Echidna, Kangaroo Island Echidna	3.65	4500	extant	0	NA	LC	Ginsect
AUS	Monotremata	Tachyglossidae	<i>Zaglossus</i>	<i>hacketti</i>	Gigantic Long Beaked Echidna	4.48	30000	extinct	LP	122	EX	Ginsect
AUS	Notoryctemorphia	Notoryctidae	<i>Notoryctes</i>	<i>caurinus</i>	Kakarratul, Northwestern Marsupial Mole, Northern Marsupial Mole	1.53	34	extant	0	NA	LC	Ginsect
AUS	Notoryctemorphia	Notoryctidae	<i>Notoryctes</i>	<i>typhlops</i>	Itjaritjari, Southern Marsupial Mole, Marsupial Mole	1.74	55	extant	0	NA	LC	Ginsect
AUS	Peramelemorphia	Chaeropodidae	<i>Chaeropus</i>	<i>ecaudatus</i>	Pig-footed Bandicoot	2.30	200	extinct	Holocene	NA	EX	rowse/ginsec

AUS	Peramelemorphia	Peramelidae	<i>Echymipera</i>	<i>rufescens</i>	Long-nosed Echymipera	3.04	1100	extant	0	NA	LC	Ginsect/frug
AUS	Peramelemorphia	Peramelidae	<i>Isoodon</i>	<i>auratus</i>	Golden Bandicoot	2.63	425	extant	Future	NA	VU	insect/browsi
AUS	Peramelemorphia	Peramelidae	<i>Isoodon</i>	<i>macrourus</i>	Northern Brown Bandicoot	3.20	1600	extant	0	NA	LC	insect/browsi
AUS	Peramelemorphia	Peramelidae	<i>Isoodon</i>	<i>obesulus</i>	Southern Brown Bandicoot, Nuyts Southern Brown Bandicoot, Quenda Western Barred Bandicoot, Barred Bandicoot, Mal, Nymal , Long-nosed Bandicoot	2.89	775	extant	0	NA	LC	Ginsect
AUS	Peramelemorphia	Peramelidae	<i>Perameles</i>	<i>bougainville</i>	Desert Bandicoot	2.35	226	extant	Future	NA	VU	Ginsect
AUS	Peramelemorphia	Peramelidae	<i>Perameles</i>	<i>eremiana</i>	Eastern Barred Bandicoot	2.70	500	extinct	Holocene	NA	EX	Ginsect
AUS	Peramelemorphia	Peramelidae	<i>Perameles</i>	<i>gunnii</i>	Long-nosed Bandicoot	2.94	870	extant	Future	NA	NT	insect/browsi
AUS	Peramelemorphia	Peramelidae	<i>Perameles</i>	<i>nasuta</i>	Long-nosed Bandicoot	2.99	975	extant	0	NA	LC	insect/browsi
AUS	Peramelemorphia	Thylacoleonidae	<i>Thylacoleo</i>	<i>carnifex</i>		5.06	115000	extinct	EP	48	EX	Carn
AUS	Peramelemorphia	Thylacomyidae	<i>Macrotis</i>	<i>lagotis</i>	Bilby, Greater Rabbit-eared Bandicoot, Greater Bilby, Dalgyte	3.13	1350	extant	Future	NA	VU	Ginsect/frug
AUS	Peramelemorphia	Thylacomyidae	<i>Macrotis</i>	<i>leucura</i>	Yallara, Lesser Bilby White-footed Rabbit-rat, White-footed Rabbit Rat, White-footed Tree-rat, White-footed Tree-rat	2.55	354	extinct	Holocene	NA	EX	frug/carn
AUS	Rodentia	Muridae	<i>Conilurus</i>	<i>albipes</i>	Brush-tailed Rabbit-rat, Brush-tailed Tree-rat	2.30	200	extinct	Holocene	NA	EX	Browse/frug
AUS	Rodentia	Muridae	<i>Conilurus</i>	<i>penicillatus</i>	Common Water Rat, Golden-bellied Water Rat	2.19	154	extant	Future	NA	VU	Browse/frug
AUS	Rodentia	Muridae	<i>Hydromys</i>	<i>chrysogaster</i>		2.78	606	extant	0	NA	LC	Ginsect/carn
AUS	Rodentia	Muridae	<i>Leggadina</i>	<i>forresti</i>	Central Short-tailed Mouse, Forrest's Mouse	1.30	20	extant	0	NA	LC	;/ginsect/brov
AUS	Rodentia	Muridae	<i>Leggadina</i>	<i>lakedownensis</i>	Northern Short-tailed Mouse, Lakeland Downs Mouse	1.24	18	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Leporillus</i>	<i>apicalis</i>	Lesser Stick-nest Rat, White-tipped Stick-nest Rat	2.18	150	extinct	Holocene	NA	EX	Browse
AUS	Rodentia	Muridae	<i>Leporillus</i>	<i>conditor</i>	Greater Stick-nest Rat, House-building Rat	2.54	350	extant	Future	NA	VU	Browse
AUS	Rodentia	Muridae	<i>Mastacomys</i>	<i>fuscus</i>	Broad-toothed Rat, Broad-toothed Mouse	2.09	122	extant	Future	NA	NT	Frug
AUS	Rodentia	Muridae	<i>Melomys</i>	<i>burtoni</i>	Grassland Melomys, Grassland Mosaic-tailed Rat	1.84	69	extant	0	NA	LC	Browse/frug
AUS	Rodentia	Muridae	<i>Melomys</i>	<i>capensis</i>	Cape York Melomys, Cape York Mosaic-tailed Rat	1.85	70	extant	0	NA	LC	Browse/frug

AUS	Rodentia	Muridae	<i>Melomys</i>	<i>cervinipes</i>	Fawn-footed Melomys, Fawn-footed Mosaic-tailed Rat	1.89	78	extant	0	NA	LC	Browse/frug
AUS	Rodentia	Muridae	<i>Melomys</i>	<i>rubicola</i>	Bramble Cay Melomys, Bramble Cay Mosaic-tailed Rat	2.00	100	extant	Future	NA	CR	Browse/frug
AUS	Rodentia	Muridae	<i>Mesembriomys</i>	<i>gouldii</i>	Black-footed Tree-rat	2.86	717	extant	Future	NA	NT	Frug
AUS	Rodentia	Muridae	<i>Mesembriomys</i>	<i>macrurus</i>	Golden-backed Tree-rat	2.43	267	extant	0	NA	LC	Frug/ginsec
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>alexis</i>	Spinifex Hopping Mouse, Spinefex Hopping Mouse	1.54	35	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>amplus</i>	Short-tailed Hopping-mouse	1.95	90	extinct	Holocene	NA	EX	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>aquilo</i>	Northern Hopping-mouse	1.59	39	extant	Future	NA	EN	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>cervinus</i>	Fawn Hopping-mouse	1.54	35	extant	Future	NA	VU	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>fuscus</i>	Dusky Hopping-mouse	1.54	35	extant	Future	NA	VU	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>longicaudatus</i>	Long-tailed Hopping-mouse	2.00	100	extinct	Holocene	NA	EX	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>macrotis</i>	Big-eared Hopping-mouse	1.95	90	extinct	Holocene	NA	EX	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>mitchellii</i>	Mitchell's Hopping Mouse	1.72	52	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>mordax</i>	Darling Downs Hopping-mouse	1.95	90	extinct	Holocene	NA	EX	Frug/browse
AUS	Rodentia	Muridae	<i>Notomys</i>	<i>sp1</i>		2.70	500	extinct	Holocene	NA	EX	Frug/browse
AUS	Rodentia	Muridae	<i>Pogonomys</i>	<i>macrourus</i>	Chestnut Tree Mouse	1.80	63	extant	0	NA	LC	Browse/frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>alboinereus</i>	Ash-grey Mouse, Ash-gray Mouse	1.48	31	extant	0	NA	LC	rowse/ginsec
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>apodemoides</i>	Silky Mouse	1.30	20	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>australis</i>	Plains Mouse	1.81	65	extant	Future	NA	VU	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>bolami</i>	Bolam's Mouse	1.19	16	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>chapmani</i>	Western Pebble Mouse, Western Pebble-mound Mouse, Pilbara Pebble Mouse	1.08	12	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>delicatulus</i>	Delicate Mouse, Little Native Mouse	1.04	11	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>desertor</i>	Desert Mouse, Brown Desert Mouse	1.40	25	extant	0	NA	LC	Browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>fieldi</i>	Djoongari, Shark Bay Mouse, Alice Springs Mouse	1.65	45	extant	Future	NA	VU	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>fieldi</i>	Djoongari, Shark Bay Mouse, Alice Springs Mouse	1.65	45	extant	Future	NA	VU	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>fumeus</i>	Smoky Mouse	1.85	70	extant	Future	NA	EN	Frug/browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>glaucus</i>	Blue-grey Mouse, Blue-gray Mouse	1.58	38	extinct	Holocene	NA	EX	
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>gouldii</i>	Gould's Mouse	1.70	50	extinct	Holocene	NA	EX	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>gracilicaudatus</i>	Eastern Chestnut Mouse	1.87	75	extant	0	NA	LC	Frug/browse

AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>hermannsburgensis</i>	Sandy Inland Mouse	1.08	12	extant	0	NA	LC	;/browse/gins
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>higginsii</i>	Long-tailed Mouse	1.83	67	extant	0	NA	LC	wse/frug/gins
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>johnsoni</i>	Central Pebble Mouse, Central Pebble-mound Mouse	1.08	12	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>laborifex</i>	Central Pebble Mouse	1.08	12	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>nanus</i>	Western Chestnut Mouse	1.53	34	extant	0	NA	LC	3raze/browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>novaeahollandiae</i>	New Holland Mouse, Pookila	1.30	20	extant	Future	NA	VU	Frug/ginsect
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>occidentalis</i>	Western Mouse	1.53	34	extant	0	NA	LC	Browse
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>oralis</i>	Hastings River Mouse, Koontoo	1.98	95	extant	Future	NA	VU	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>patrius</i>	Eastern Pebble Mouse, Country Mouse, Queensland Pebble- mound Mouse	1.58	38	extant	0	NA	LC	
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>pilligaensis</i>	Pilliga Mouse	1.04	11	extant	0	NA	DD	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>shortridgei</i>	Heath Mouse, Shortridge's Native Mouse	1.85	70	extant	Future	NA	NT	Frug
AUS	Rodentia	Muridae	<i>Pseudomys</i>	<i>sp1</i>		1.70	50	extinct	Holocene	NA	EX	Frug
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>colletti</i>	Dusky Rat	1.79	61	extant	0	NA	LC	Browse
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>exulans</i>	Polynesian Rat	1.60	40	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>fuscipes</i>	Bush Rat	2.12	133	extant	0	NA	LC	insect/browsi
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>leucopus</i>	Cape York Rat	2.12	132	extant	0	NA	LC	Ginsect/frug
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>lutreolus</i>	Australian Swamp Rat	2.03	106	extant	0	NA	LC	Browse/frug
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>sordidus</i>	Canefield Rat, Dusky Field Rat	2.20	158	extant	0	NA	LC	wse/frug/gins
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>tunneyi</i>	Pale Field Rat	2.09	124	extant	0	NA	LC	Browse
AUS	Rodentia	Muridae	<i>Rattus</i>	<i>villosissimus</i>	Long-haired Rat	2.13	134	extant	0	NA	LC	Frug/browse
AUS	Rodentia	Muridae	<i>Uromys</i>	<i>caudimaculatus</i>	White-tailed Giant Rat, Mottled-tailed Giant Rat, Giant White-tailed Rat	2.81	646	extant	0	NA	LC	Frug
AUS	Rodentia	Muridae	<i>Uromys</i>	<i>hadrourus</i>	Pygmy White-tailed Rat, Masked White- tailed Rat, Thornton Peak Melomys	2.29	194	extant	Future	NA	NT	Frug/ginsect
AUS	Rodentia	Muridae	<i>Xeromys</i>	<i>myoides</i>	Water Mouse, False Water-rat	1.61	41	extant	Future	NA	VU	Ginsect
AUS	Rodentia	Muridae	<i>Zyzomys</i>	<i>argurus</i>	Common Rock Rat, Silver-tailed Rock Rat	1.56	36	extant	0	NA	LC	Browse/frug
AUS	Rodentia	Muridae	<i>Zyzomys</i>	<i>maini</i>	Arnhem Rock-rat, Arnhem Land Rock Rat	1.97	94	extant	Future	NA	NT	Frug
AUS	Rodentia	Muridae	<i>Zyzomys</i>	<i>palatilis</i>	Carpentarian Rock-rat	2.09	123	extant	Future	NA	CR	Frug
AUS	Rodentia	Muridae	<i>Zyzomys</i>	<i>pedunculatus</i>	Central Rock-rat, Macdonnell Range Rock- rat	2.00	100	extant	Future	NA	CR	Frug
AUS	Rodentia	Muridae	<i>Zyzomys</i>	<i>woodwardi</i>	Kimberley Rock Rat, Kimberly Rock Rat	2.13	136	extant	0	NA	LC	Frug
AUS	Sirenia	Dugongidae	<i>Dugong</i>	<i>dugon</i>	Dugong, Sea Cow	5.62	420000	extant	Future	NA	VU	Graze

EA	Artiodactyla	Bovidae	<i>Antelope</i>	<i>cervicapra</i>	Blackbuck	4.57	37500	extant	Future	NA	NT	Graze
EA	Artiodactyla	Bovidae	<i>Bison</i>	<i>bonasus</i>	European Bison, Wisent	5.70	500000	extant	Future	NA	VU	graze
EA	Artiodactyla	Bovidae	<i>Bison</i>	<i>priscus</i>	steppe bison	5.72	523600	extinct	TP	9.8	EX	graze
EA	Artiodactyla	Bovidae	<i>Bos</i>	<i>frontalis</i>	gayal	5.90	800000	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Bos</i>	<i>grunniens</i>		5.52	333000	extant	0	NA	LC	graze
EA	Artiodactyla	Bovidae	<i>Bos</i>	<i>javanicus</i>	Banteng, Tembadau	5.85	700000	extant	Future	NA	EN	Graze
EA	Artiodactyla	Bovidae	<i>Bos</i>	<i>sauveli</i>	Kouprey, Grey Ox	5.90	800000	extant	Future	NA	CR	Graze
EA	Artiodactyla	Bovidae	<i>Bos</i>	<i>taurus</i>	cattle	5.95	900000	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Boselaphus</i>	<i>tragocamelus</i>	Nilgai, Bluebuck	5.23	169000	extant	0	NA	LC	graze/browse
EA	Artiodactyla	Bovidae	<i>Bubalus</i>	<i>bubalis</i>	water buffalo	4.57	37500	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Bubalus</i>	<i>mephistopheles</i>	Short-horned water buffalo	5.63	431250	extinct	Holocene	3	EX	graze
EA	Artiodactyla	Bovidae	<i>Budorcas</i>	<i>taxicolor</i>	Takin	5.48	302000	extant	Future	NA	VU	graze/browse
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>caucasica</i>	Western Tur, West Caucasian Tur, Tur	4.74	55000	extant	Future	NA	EN	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>cylindricornis</i>	Eastern Tur, East Caucasian Tur	4.70	50000	extant	Future	NA	NT	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>falconeri</i>	Markhor	4.61	41000	extant	Future	NA	NT	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>hircus</i>	domestic goats	4.88	75000	extant	0	NA	LC	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>ibex</i>	Alpine Ibex, Ibex	4.84	69333	extant	0	NA	LC	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>nubiana</i>	Nubian Ibex	4.67	46250	extant	Future	NA	VU	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>pyrenaica</i>	Iberian Wild Goat, Spanish Ibex, Pyrenean Ibex	4.70	50000	extant	0	NA	LC	browse/graze
EA	Artiodactyla	Bovidae	<i>Capra</i>	<i>sibirica</i>	Siberian Ibex, Himalayan Ibex, Asiatic Ibex	5.11	130000	extant	0	NA	LC	browse/graze
EA	Artiodactyla	Bovidae	<i>Capricornis</i>	<i>sumatraensis</i>	Sumatran Serow, Serow	4.94	87500	extant	Future	NA	VU	graze/browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>arabica</i>	Arabian Gazelle	4.08	12000	extinct	Holocene	NA	EX	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>bennettii</i>	Chinkara, Indian Gazelle	4.28	18917	extant	0	NA	LC	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>bilkis</i>	Queen of Sheba's Gazelle, Yemen Gazelle	4.69	48500	extinct	Holocene	NA	EX	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>dorcas</i>	Dorcas Gazelle	4.36	23000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>gazella</i>	Mountain Gazelle, Idmi	4.36	23000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>saudiya</i>	Saudi Gazelle	4.20	16000	extinct	Holocene	NA	EX	Browse
EA	Artiodactyla	Bovidae	<i>Gazella</i>	<i>subgutturosa</i>	Goitered Gazelle	4.45	28500	extant	Future	NA	VU	Browse
EA	Artiodactyla	Bovidae	<i>Hemitragus</i>	<i>hylocrius</i>	nilgiri tahr; Nilyiri wild Goat	4.88	75000	extant	Future	NA	EN	graze/browse
EA	Artiodactyla	Bovidae	<i>Hemitragus</i>	<i>jayakari</i>	arabian tahr	4.36	23000	extant	Future	NA	EN	graze/browse
EA	Artiodactyla	Bovidae	<i>Hemitragus</i>	<i>jemlahicus</i>	Himalayan Tahr	4.55	35200	extant	Future	NA	NT	graze/browse
EA	Artiodactyla	Bovidae	<i>Naemorhedus</i>	<i>baileyi</i>	Red Goral	4.44	27488	extant	Future	NA	VU	graze/browse
EA	Artiodactyla	Bovidae	<i>Naemorhedus</i>	<i>caudatus</i>	Long-tailed Goral, Chinese Goral	4.43	27000	extant	Future	NA	VU	graze/browse
EA	Artiodactyla	Bovidae	<i>Naemorhedus</i>	<i>goral</i>	Himalayan Goral, Goral	4.45	28500	extant	Future	NA	NT	graze/browse
EA	Artiodactyla	Bovidae	<i>Oryx</i>	<i>dammah</i>	Scimitar-horned Oryx	5.30	200000	extinct	Holocene	NA	EW	graze/browse
EA	Artiodactyla	Bovidae	<i>Oryx</i>	<i>leucoryx</i>	Arabian Oryx, White Oryx	4.94	87700	extant	Future	NA	VU	graze/browse
EA	Artiodactyla	Bovidae	<i>Ovibos</i>	<i>moschatus</i>	Muskox, Musk Ox	5.49	312500	extinct	Holocene	2.8	EX	Graze

EA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>ammon</i>	Argali, Wild Sheep	5.26	180000	extant	Future	NA	NT	Graze
EA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>aries</i>	domestic sheep	4.70	50000	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>nivicola</i>	Snow Sheep	4.95	90000	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>vignei</i>		4.78	60000	extant	Future	NA	VU	Graze
EA	Artiodactyla	Bovidae	<i>Pantholops</i>	<i>hodgsonii</i>	Chiru, Tibetan Antelope	4.44	27500	extant	Future	NA	EN	Browse/graze
EA	Artiodactyla	Bovidae	<i>Procapra</i>	<i>gutturosa</i>	Mongolian Gazelle, Dzeren	4.44	27750	extant	0	NA	LC	3raze/browse
EA	Artiodactyla	Bovidae	<i>Procapra</i>	<i>picticaudata</i>	Tibetan Gazelle, Goa	4.30	20000	extant	Future	NA	NT	3raze/browse
EA	Artiodactyla	Bovidae	<i>Procapra</i>	<i>przewalskii</i>	Przewalski's Gazelle	4.44	27500	extant	Future	NA	EN	3raze/browse
EA	Artiodactyla	Bovidae	<i>Pseudois</i>	<i>nayaur</i>	Blue Sheep, Bharal	4.65	45000	extant	0	NA	LC	Graze
EA	Artiodactyla	Bovidae	<i>Pseudois</i>	<i>schaeferi</i>	Dwarf Blue Sheep, Dwarf Bharal	4.47	29250	extant	Future	NA	EN	Graze
EA	Artiodactyla	Bovidae	<i>Rupicapra</i>	<i>pyrenaica</i>	Pyrenean Chamois, Abruzzo Chamois, Southern Chamois, Apennine Chamois, Northern Chamois,	4.48	30000	extant	0	NA	LC	Browse
EA	Artiodactyla	Bovidae	<i>Rupicapra</i>	<i>rupicapra</i>	Alpine Chamois, Chamois, Balkan Chamois	4.42	26100	extant	0	NA	LC	Browse
EA	Artiodactyla	Bovidae	<i>Saiga</i>	<i>tatarica</i>	Mongolian Saiga, Saiga Antelope, Saiga	4.46	29000	extant	Future	NA	CR	graze
EA	Artiodactyla	Bovidae	<i>Spirocerus</i>	<i>kiakhtensis</i>	Spiral-horned antelope	5.90	790679	extinct	EP	37	EX	Graze
EA	Artiodactyla	Bovidae	<i>Tetracerus</i>	<i>quadricornis</i>	Four-horned Antelope, Chousingha	4.28	19000	extant	Future	NA	VU	Graze
EA	Artiodactyla	Camelidae	<i>Camelus</i>	<i>bactrianus</i>	Bactrian Camel, Wild Bactrian Camel, Two-humped Camel	5.84	690000	extant	Future	NA	CR	3raze/browse
EA	Artiodactyla	Camelidae	<i>Camelus</i>	<i>dromedarius</i>	Arabian camel	5.60	402000	extant	0	NA	LC	3raze/browse
EA	Artiodactyla	Camelidae	<i>Camelus</i>	<i>knoblochi</i>		5.74	549541	extinct	LP	100	EX	3raze/browse
EA	Artiodactyla	Cervidae	<i>Alces</i>	<i>alces</i>	Moose, Elk, Eurasian Moose, European Elk, Eurasian Elk, Siberian Elk	5.55	355000	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Axis</i>	<i>axis</i>	Chital, Indian Spotted Deer, Axis Deer, Spotted Deer	4.85	70000	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Axis</i>	<i>porcinus</i>	Hog Deer, Thai Hog Deer, Indochina Hog Deer, Indochinese Hog Deer, Indian Hog Deer	4.54	35000	extant	Future	NA	EN	Browse
EA	Artiodactyla	Cervidae	<i>Capreolus</i>	<i>capreolus</i>	European Roe Deer, Western Roe Deer, Roe Deer, European Roe	4.35	22500	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Capreolus</i>	<i>pygargus</i>	Siberian Roe Deer, Eastern Roe Deer, Siberian Roe	4.64	43752	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Cervalces</i>	<i>latifrons</i>	broad-fronted moose; stag moose	5.93	850000	extinct	TP	12.6	EX	browse

EA	Artiodactyla	Cervidae	<i>Cervus</i>	<i>elaphus</i>	Red Deer, Bactrian Wapiti, Bokharan Deer, Bukhara Red Deer, Elk, Bactrian Deer, Wapiti, Bactrian Red Deer	5.22	166563	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Cervus</i>	<i>nippon</i>	Sika Deer, Sika, Shansi Sika, Japanese Sika Deer	4.72	53000	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Dama</i>	<i>dama</i>	Fallow Deer, Mesopotamian Fallow Deer, Persian Fallow Deer, FALLOW DEER	4.75	56250	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Dama</i>	<i>mesopotamica</i>	Persian Fallow Deer, Mesopotamian Fallow Deer	4.86	72500	extant	Future	NA	EN	Browse
EA	Artiodactyla	Cervidae	<i>Elaphodus</i>	<i>cephalophus</i>	Tufted Deer	4.53	33500	extant	Future	NA	NT	Browse
EA	Artiodactyla	Cervidae	<i>Elaphurus</i>	<i>davidianus</i>	Père David's Deer, Pere David's Deer	5.17	149000	extinct	Holocene	NA	EW	Browse
EA	Artiodactyla	Cervidae	<i>Hydropotes</i>	<i>inermis</i>	Water Deer	4.15	14000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Cervidae	<i>Megaloceros</i>	<i>giganteus</i>	Irish elk	5.85	699842	extinct	TP	11	EX	Browse
EA	Artiodactyla	Cervidae	<i>Muntiacus</i>	<i>crinifrons</i>	Black Muntjac, Hairy-fronted Muntjac	4.56	36141	extant	Future	NA	VU	Browse
EA	Artiodactyla	Cervidae	<i>Muntiacus</i>	<i>feae</i>	Fea's Muntjac	4.34	22000	extant	0	NA	DD	Browse
EA	Artiodactyla	Cervidae	<i>Muntiacus</i>	<i>gongshanensis</i>	Gongshan Muntjac	4.30	19907	extant	0	NA	DD	Browse
EA	Artiodactyla	Cervidae	<i>Muntiacus</i>	<i>muntjak</i>	Southern Red Muntjac, Red Muntjac, Indian Muntjac, Bornean Red Muntjac, Barking Deer, Sundaland Red Muntjac	4.15	14000	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Muntiacus</i>	<i>reevesi</i>	Reeves' Muntjac, Reeve's Muntjac, Formosan Reeves' Muntjac, Chinese Muntjak, Reeves's Muntjac	4.13	13500	extant	0	NA	LC	Browse
EA	Artiodactyla	Cervidae	<i>Przewalskium</i>	<i>albirostris</i>	White-lipped Deer, Thorold's Deer	5.10	125000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Cervidae	<i>Rucervus</i>	<i>duvaucelii</i>	Barasingha, Swamp Deer	5.16	143000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Cervidae	<i>Rucervus</i>	<i>eldii</i>	Eld's Deer, Thamin, Brow-antlered Deer	4.86	73000	extant	Future	NA	EN	Browse
EA	Artiodactyla	Cervidae	<i>Rucervus</i>	<i>schomburgki</i>	Schomburgk's Deer	5.04	110000	extinct	Holocene	NA	EX	Browse
EA	Artiodactyla	Cervidae	<i>Rusa</i>	<i>unicolor</i>	Sambar, Indian Sambar, Sambar Deer	5.33	211620	extant	Future	NA	VU	
EA	Artiodactyla	Cervidae	<i>Sinomegaceros</i>	<i>yabei</i>	giant deer	5.70	500000	extinct	EP	45	EX	browse
EA	Artiodactyla	Hippopotamidae	<i>Hippopotamus</i>	<i>amphibius</i>		6.15	1417490	extinct	LP	117	EX	graze
EA	Artiodactyla	Moschidae	<i>Moschus</i>	<i>berezovskii</i>	Forest Musk Deer, Chinese Forest Musk Deer, Dwarf Musk Deer, South China Forest Musk Deer	3.95	9000	extant	Future	NA	EN	Browse

EA	Artiodactyla	Moschidae	<i>Moschus</i>	<i>chrysogaster</i>	Alpine Musk Deer, Himalayan Musk Deer	4.16	14500	extant	Future	NA	EN	Browse
EA	Artiodactyla	Moschidae	<i>Moschus</i>	<i>fuscus</i>	Black Musk Deer, Dusky Musk Deer	1.10	13	extant	Future	NA	EN	
EA	Artiodactyla	Moschidae	<i>Moschus</i>	<i>moschiferus</i>	Siberian Musk Deer	4.11	13000	extant	Future	NA	VU	Browse
EA	Artiodactyla	Suidae	<i>Sus</i>	<i>barbatus</i>	Bearded Pig, Western Bearded Pig	4.99	96667	extant	Future	NA	VU	Browse/frug
EA	Artiodactyla	Suidae	<i>Sus</i>	<i>bucculentus</i>	Indo-chinese Warty Pig, Heude's Pig, Vietnam Warty Pig	4.89	76980	extant	0	NA	DD	
EA	Artiodactyla	Suidae	<i>Sus</i>	<i>salvanus</i>	Pygmy Hog	3.89	7718	extant	Future	NA	CR	Browse/frug
EA	Artiodactyla	Suidae	<i>Sus</i>	<i>scrofa</i>	Wild Boar, Eurasian Wild Pig, Ryukyu Islands Wild Pig	5.07	117286	extant	0	NA	LC	Browse/frug
EA	Artiodactyla	Tragulidae	<i>Moschiola</i>	<i>meminna</i>	White-spotted Chevrotain, Chevrotain, Indian Spotted Chevrotain, Indian Mouse Deer, White-spotted Mousedeer	3.39	2450	extant	0	NA	LC	Browse/frug
EA	Artiodactyla	Tragulidae	<i>Tragulus</i>	<i>javanicus</i>	Javan Chevrotain, Kanchil, Javan Mousedeer, Java Mousedeer, Lesser Mouse Deer	3.52	3300	extant	0	NA	DD	Browse/frug
EA	Artiodactyla	Tragulidae	<i>Tragulus</i>	<i>napu</i>	Greater Oriental Chevrotain, Larger Malay Chevrotain, Greater Mousedeer, Balabac Chevrotain, Greater Indo-Malayan Chevrotain, Larger Mousedeer, Napu	3.77	5900	extant	0	NA	LC	Browse/frug
EA	Carnivora	Ailuridae	<i>Ailurus</i>	<i>fulgens</i>	Red Panda, Lesser Panda, Red Cat-bear	3.69	4900	extant	Future	NA	EN	owse (bambo
EA	Carnivora	Canidae	<i>Canis</i>	<i>aureus</i>	Golden Jackal, Asiatic Jackal, Common Jackal	4.08	11958	extant	0	NA	LC	carn/ginsect
EA	Carnivora	Canidae	<i>Canis</i>	<i>lupus</i>	Wolf	4.57	37000	extant	0	NA	LC	carn
EA	Carnivora	Canidae	<i>Cuon</i>	<i>alpinus</i>	Dhole, Red Dog, Indian Wild Dog, Asiatic Wild Dog	4.11	12760	extant	Future	NA	EN	carn
EA	Carnivora	Canidae	<i>Nyctereutes</i>	<i>procyonoides</i>	Raccoon Dog	3.61	4040	extant	0	NA	LC	carn/invert
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>bengalensis</i>	Bengal Fox, Indian Fox	3.44	2726	extant	0	NA	LC	Carn
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>cana</i>	Blanford's Fox, Steppe Fox, Afghan Fox	2.97	937	extant	0	NA	LC	ginsect/carn
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>corsac</i>	Corsac Fox	3.38	2400	extant	0	NA	LC	Carn
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>ferrilata</i>	Tibetan Fox	3.70	5000	extant	0	NA	LC	Carn
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>lagopus</i>	Arctic Fox, Polar Fox	3.80	6285	extant	0	NA	LC	Carn
EA	Carnivora	Canidae	<i>Vulpes</i>	<i>rueppellii</i>	Röppell's Fox, Sand Fox, Röppell's Sand Fox, Röppell's Fox	3.39	2480	extant	0	NA	LC	Carn

	EA	Carnivora	Canidae	<i>Vulpes</i>	<i>vulpes</i>	Red Fox, Silver Fox, Cross Fox	3.77	5823	extant	0	NA	LC	carn/ginsect
	EA	Carnivora	Canidae	<i>Vulpes</i>	<i>zerda</i>	Fennec Fox	3.04	1100	extant	0	NA	LC	ginsect/carn
	EA	Carnivora	Felidae	<i>Acinonyx</i>	<i>jubatus</i>	Cheetah, Hunting Leopard	4.70	50000	extant	Future	NA	VU	Carn
	EA	Carnivora	Felidae	<i>Caracal</i>	<i>caracal</i>	Caracal, Desert Lynx, African Caracal, Asian Caracal	4.14	13750	extant	0	NA	LC	Carn
	EA	Carnivora	Felidae	<i>Catopuma</i>	<i>temminckii</i>	Asiatic Golden Cat, Temminck's Cat, Golden Cat	4.06	11500	extant	Future	NA	NT	Carn
	EA	Carnivora	Felidae	<i>Felis</i>	<i>bieti</i>	Chinese Mountain Cat, Grass Cat, Chinese Alpine Steppe Cat, Chinese Steppe Cat, Chinese Desert Cat	3.74	5500	extant	Future	NA	VU	Carn
	EA	Carnivora	Felidae	<i>Felis</i>	<i>chaus</i>	Jungle Cat, Swamp Cat, Reed Cat	3.86	7257	extant	0	NA	LC	Carn
	EA	Carnivora	Felidae	<i>Felis</i>	<i>manul</i>	Pallas's cat	3.54	3500	extant	Future	NA	NT	Carn
	EA	Carnivora	Felidae	<i>Felis</i>	<i>margarita</i>	Sand Cat, Sand Dune Cat	3.40	2525	extant	Future	NA	NT	Carn
	EA	Carnivora	Felidae	<i>Felis</i>	<i>silvestris</i>	Wild Cat, Wildcat	3.81	6400	extant	0	NA	LC	Carn
c	EA	Carnivora	Felidae	<i>Homotherium</i>	<i>latidens</i>		5.28	189000	extinct	EP	32	EX	carn
	EA	Carnivora	Felidae	<i>Lynx</i>	<i>lynx</i>	Eurasian Lynx	4.25	17950	extant	0	NA	LC	Carn
	EA	Carnivora	Felidae	<i>Lynx</i>	<i>pardinus</i>	Iberian Lynx, Spanish Lynx, Pardel Lynx	3.97	9400	extant	Future	NA	EN	Carn
	EA	Carnivora	Felidae	<i>Neofelis</i>	<i>nebulosa</i>	Clouded Leopard	4.29	19500	extant	Future	NA	VU	Carn
	EA	Carnivora	Felidae	<i>Panthera</i>	<i>leo</i>	Lion, African Lion	5.58	380189	extinct	TP	14	EX	Carn
	EA	Carnivora	Felidae	<i>Panthera</i>	<i>leo</i>	Lion, African Lion	5.21	161499	extant	Future	NA	VU	carn
	EA	Carnivora	Felidae	<i>Panthera</i>	<i>pardus</i>	Leopard	4.66	45500	extant	Future	NA	VU	Carn
	EA	Carnivora	Felidae	<i>Panthera</i>	<i>tigris</i>	Tiger	5.21	162564	extant	Future	NA	EN	Carn
	EA	Carnivora	Felidae	<i>Pardofelis</i>	<i>marmorata</i>	Marbled Cat	3.51	3250	extant	Future	NA	NT	Carn
	EA	Carnivora	Felidae	<i>Prionailurus</i>	<i>bengalensis</i>	Leopard Cat	3.52	3300	extant	0	NA	LC	Carn
	EA	Carnivora	Felidae	<i>Prionailurus</i>	<i>rubiginosus</i>	Rusty-spotted Cat	3.13	1350	extant	Future	NA	NT	Carn
	EA	Carnivora	Felidae	<i>Prionailurus</i>	<i>viverrinus</i>	Fishing Cat	4.04	10850	extant	Future	NA	EN	Carn
	EA	Carnivora	Felidae	<i>Uncia</i>	<i>uncia</i>	Snow leopard	4.65	44167	extant	Future	NA	EN	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>brachyurus</i>	Short-tailed Mongoose	3.30	2000	extant	Future	NA	NT	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>edwardsii</i>	common mongoose	3.12	1324	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>ichneumon</i>	Egyptian Mongoose, Large Grey Mongoose	3.88	7500	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>javanicus</i>	Javan Mongoose	2.88	750	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>palustris</i>	bengal mongoose	3.43	2683	extant	0	NA	LC	
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>smithii</i>	Ruddy Mongoose	3.27	1861	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>urva</i>	Crab-eating Mongoose	3.27	1863	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Herpestes</i>	<i>vitticollis</i>	Stripe-necked Mongoose, Striped-necked Mongoose	3.48	2995	extant	0	NA	LC	Carn
	EA	Carnivora	Herpestidae	<i>Ichneumia</i>	<i>albicauda</i>	White-tailed Mongoose	3.54	3500	extant	0	NA	LC	ginsect/carn
	EA	Carnivora	Hyaenidae	<i>Crocota</i>	<i>crocota</i>	Spotted Hyaena	4.85	69984	extinct	EP	31	EX	Carn
	EA	Carnivora	Hyaenidae	<i>Hyaena</i>	<i>hyaena</i>	Striped Hyaena	4.57	37410	extant	Future	NA	NT	Carn

EA	Carnivora	Mustelidae	<i>Aonyx</i>	<i>cinereus</i>	Asian Small-clawed Otter, Small-clawed Otter,	3.60	3990	extant	Future	NA	VU	invert/piscivore
EA	Carnivora	Mustelidae	<i>Arctonyx</i>	<i>collaris</i>	Greater Hog Badger, Hog Badger	3.80	6356	extant	Future	NA	VU	frug/carn
EA	Carnivora	Mustelidae	<i>Gulo</i>	<i>gulo</i>	Wolverine	4.29	19500	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Ictonyx</i>	<i>libycus</i>	Libyan Striped Weasel, Saharan Striped Weasel, Eurasian Otter, European Otter, European River Otter, Old World Otter, Common Otter	3.54	3500	extant	0	NA	LC	carn/ginsect
EA	Carnivora	Mustelidae	<i>Lutra</i>	<i>lutra</i>	Hairy-nosed Otter	4.04	11000	extant	Future	NA	NT	piscivore
EA	Carnivora	Mustelidae	<i>Lutra</i>	<i>sumatrana</i>	Smooth-coated Otter, Indian Smooth-coated Otter	3.74	5500	extant	Future	NA	EN	piscivore
EA	Carnivora	Mustelidae	<i>Lutrogale</i>	<i>perspicillata</i>	Yellow-throated Marten	4.00	9967	extant	Future	NA	VU	iscivore/inver
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>flavigula</i>	Beech Marten, Stone Marten	3.40	2500	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>foina</i>	Nilgiri Marten	3.19	1541	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>gwatkinsii</i>	Pine Marten, European Pine Marten	3.31	2043	extant	Future	NA	VU	Carn
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>martes</i>	Japanese Marten, Tsushima Island Marten	3.11	1300	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>melampus</i>	Sable	3.00	1000	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Martes</i>	<i>zibellina</i>	Eurasian Badger, European Badger, Badger	3.05	1130	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Meles</i>	<i>meles</i>	Honey Badger, Ratel	4.11	13000	extant	0	NA	LC	verts/carn/fru
EA	Carnivora	Mustelidae	<i>Mellivora</i>	<i>capensis</i>	Small-toothed Ferret Badger, Small-toothed Ferret-badger, Chinese Ferret Badger, Chinese Ferret-badger	3.95	9000	extant	0	NA	LC	ginsect/carn
EA	Carnivora	Mustelidae	<i>Melogale</i>	<i>moschata</i>	Large-toothed Ferret Badger, Burmese Ferret Badger, Large-toothed Ferret-Badger	2.97	939	extant	0	NA	LC	frug/carn
EA	Carnivora	Mustelidae	<i>Melogale</i>	<i>personata</i>	Altai Weasel, Mountain Weasel, Pale Weasel	3.23	1703	extant	0	NA	LC	frug/carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>altaica</i>	Stoat, Ermine, Short-tailed Weasel	2.23	171	extant	Future	NA	NT	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>erminea</i>	Steppe Polecat, Steppe Weasel	2.23	169	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>eversmanii</i>	Yellow-bellied Weasel	3.13	1350	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>kathiah</i>	European Mink	2.32	208	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>lutreola</i>	Least Weasel, Weasel	2.64	440	extant	Future	NA	CR	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>nivalis</i>		1.89	77	extant	0	NA	LC	carn/ginsect

EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>nudipes</i>	Malay Weasel, Malayan Weasel	2.70	500	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>putorius</i>	Western Polecat, European Polecat	2.86	731	extant	0	NA	LC	carn/ginsect
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>sibirica</i>	Siberian Weasel	2.61	405	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Mustela</i>	<i>strigidorsa</i>	Stripe-backed Weasel, Back-striped Weasel	3.18	1500	extant	0	NA	LC	Carn
EA	Carnivora	Mustelidae	<i>Vormela</i>	<i>peregrina</i>	Marbled Polecat, European Marbled Polecat	2.65	450	extant	Future	NA	VU	Carn
EA	Carnivora	Ursidae	<i>Ailuropoda</i>	<i>melanoleuca</i>	Giant Panda	5.04	108400	extant	Future	NA	EN	owse (bambo
EA	Carnivora	Ursidae	<i>Helarctos</i>	<i>malayanus</i>	Sun Bear, Malayan Sun Bear	4.66	46000	extant	Future	NA	VU	Ginsect/frug
EA	Carnivora	Ursidae	<i>Melursus</i>	<i>ursinus</i>	Sloth Bear	5.00	100000	extant	Future	NA	VU	Ginsect/frug
EA	Carnivora	Ursidae	<i>Ursus</i>	<i>arctos</i>	Brown Bear, Grizzly Bear	5.35	221600	extant	0	NA	LC	frug/carn
EA	Carnivora	Ursidae	<i>Ursus</i>	<i>maritimus</i>	Polar Bear	5.63	425000	extant	Future	NA	VU	Carn
EA	Carnivora	Ursidae	<i>Ursus</i>	<i>spelaeus</i>	European cave bear	5.48	300000	extinct	EP	31	EX	carn
EA	Carnivora	Ursidae	<i>Ursus</i>	<i>thibetanus</i>	Asiatic Black Bear, Himalayan Black Bear	4.89	77500	extant	Future	NA	VU	Frug
EA	Carnivora	Viverridae	<i>Arctictis</i>	<i>binturong</i>	Binturong, Bearcat	4.11	13000	extant	Future	NA	VU	frug/carn
EA	Carnivora	Viverridae	<i>Arctogalidia</i>	<i>trivirgata</i>	Small-toothed Palm Civet, Three-striped Palm Civet	3.35	2250	extant	0	NA	LC	nsect/carn/fru
EA	Carnivora	Viverridae	<i>Chrotogale</i>	<i>owstoni</i>	Owston's Civet, Owston's Banded Civet, Owston's Banded Palm Civet, Owston's Palm Civet	3.51	3250	extant	Future	NA	EN	ect (earthwor
EA	Carnivora	Viverridae	<i>Cynogale</i>	<i>bennettii</i>	Otter Civet, Sunda Otter Civet, Otter-civet	3.65	4500	extant	Future	NA	EN	ivore/invert/c
EA	Carnivora	Viverridae	<i>Diplogale</i>	<i>hosei</i>	Hose's Civet, Hose's Palm Civet			extant	Future	NA	VU	
EA	Carnivora	Viverridae	<i>Genetta</i>	<i>genetta</i>	Common Genet	3.20	1600	extant	0	NA	LC	carn/ginsect
EA	Carnivora	Viverridae	<i>Hemigalus</i>	<i>derbyanus</i>	Banded Civet, Banded Palm Civet	3.40	2500	extant	Future	NA	NT	invert/carn
EA	Carnivora	Viverridae	<i>Paguma</i>	<i>larvata</i>	Masked Palm Civet, Himalayan Palm Civet, Gem-faced Civet	3.63	4300	extant	0	NA	LC	frug/carn
EA	Carnivora	Viverridae	<i>Paradoxurus</i>	<i>hermaphroditus</i>	Common Palm Civet, Mentawai Palm Civet	3.51	3200	extant	0	NA	LC	frug/carn
EA	Carnivora	Viverridae	<i>Paradoxurus</i>	<i>jerdoni</i>	Brown Palm Civet, Jerdon's Palm Civet	3.44	2781	extant	0	NA	LC	frug/carn
EA	Carnivora	Viverridae	<i>Prionodon</i>	<i>linsang</i>	Banded Linsang	2.85	700	extant	0	NA	LC	carn/frug
EA	Carnivora	Viverridae	<i>Prionodon</i>	<i>pardicolor</i>	Spotted Linsang	2.71	512	extant	0	NA	LC	carn/frug
EA	Carnivora	Viverridae	<i>Viverra</i>	<i>civettina</i>	Malabar Civet, Malabar Large-spotted Civet	4.11	12794	extant	Future	NA	CR	carn/frug
EA	Carnivora	Viverridae	<i>Viverra</i>	<i>megaspila</i>	Large-spotted Civet	3.97	9250	extant	Future	NA	EN	carn/frug
EA	Carnivora	Viverridae	<i>Viverra</i>	<i>tangalunga</i>	Malay Civet, Malayan Civet, Oriental Civet	4.00	10000	extant	0	NA	LC	carn/frug
EA	Carnivora	Viverridae	<i>Viverra</i>	<i>zibetha</i>	Large Indian Civet	3.95	9000	extant	0	NA	LC	carn/frug

EA	Carnivora	Viverridae	<i>Viverricula</i>	<i>indica</i>	Small Indian Civet, Oriental Civet	3.47	2980	extant	0	NA	LC	carn/frug
EA	Dermoptera	Cynocephalidae	<i>Cynocephalus</i>	<i>volans</i>	Philippine Flying Lemur, Flying Lemur	3.10	1250	extant	0	NA	LC	Browse
EA	Dermoptera	Cynocephalidae	<i>Galeopterus</i>	<i>variegatus</i>	Sunda Flying Lemur, Malayan Flying Lemur	3.00	1000	extant	0	NA	LC	Browse
EA	Erinaceomorpha	Erinaceidae	<i>Echinorex</i>	<i>gymnura</i>	Moonrat, Gymnure	2.98	957	extant	0	NA	LC	ginsect
EA	Erinaceomorpha	Erinaceidae	<i>Erinaceus</i>	<i>amurensis</i>	Amur Hedgehog, Manchurian Hedgehog	2.87	745	extant	0	NA	LC	
EA	Erinaceomorpha	Erinaceidae	<i>Erinaceus</i>	<i>concolor</i>	Southern White- breasted Hedgehog, Eastern European Hedgehog	2.86	719	extant	0	NA	LC	ginsect
EA	Erinaceomorpha	Erinaceidae	<i>Erinaceus</i>	<i>europaeus</i>	Western European Hedgehog, Western Hedgehog, Northern Hedgehog	2.89	771	extant	0	NA	LC	ginsect
EA	Erinaceomorpha	Erinaceidae	<i>Hemiechinus</i>	<i>auritus</i>	Long-eared Hedgehog	2.53	342	extant	0	NA	LC	ginsect/carn
EA	Erinaceomorpha	Erinaceidae	<i>Hemiechinus</i>	<i>collaris</i>	Collared Hedgehog, Indian Long-eared Hedgehog	2.15	141	extant	0	NA	LC	ginsect/carn
EA	Erinaceomorpha	Erinaceidae	<i>Hylomys</i>	<i>suillus</i>	Short-tailed Gymnure, Lesser Gymnure	1.81	64	extant	0	NA	LC	Ginsect
EA	Erinaceomorpha	Erinaceidae	<i>Mesechinus</i>	<i>dauuricus</i>	Daurian Hedgehog	2.53	342	extant	0	NA	LC	Ginsect
EA	Erinaceomorpha	Erinaceidae	<i>Mesechinus</i>	<i>hughi</i>	Hugh's Hedgehog, Shaanxi Hedgehog	2.53	342	extant	0	NA	LC	
EA	Erinaceomorpha	Erinaceidae	<i>Paraechinus</i>	<i>aethiopicus</i>	Desert Hedgehog	2.27	188	extant	0	NA	LC	ginsect/carn
EA	Erinaceomorpha	Erinaceidae	<i>Paraechinus</i>	<i>hypomelas</i>	Brandt's Hedgehog	2.33	213	extant	0	NA	LC	ginsect/carn
EA	Erinaceomorpha	Erinaceidae	<i>Paraechinus</i>	<i>nudiventris</i>	Madras Hedgehog, Bare- bellied Hedgehog	2.28	190	extant	0	NA	LC	
EA	Hyracoidea	Procaviidae	<i>Procavia</i>	<i>capensis</i>	Rock Hyrax, Rock Dassie	3.48	3030	extant	0	NA	LC	graze/browse
EA	Insectivora	Erinaceidae	<i>Neotetracus</i>	<i>sinensis</i>	Shrew Gymnure	1.94	87	extant	0	NA	LC	Ginsect
EA	Insectivora	Erinaceidae	<i>Paraechinus</i>	<i>micropus</i>	Indian Hedgehog	2.23	171	extant	0	NA	LC	ginsect/carn
EA	Insectivora	Soricidae	<i>Chodsigoa</i>	<i>lamula</i>	Lamulate Shrew	0.89	8	extant	0	NA	LC	Ginsect
EA	Insectivora	Soricidae	<i>Chodsigoa</i>	<i>parca</i>	Lowe's Shrew	1.05	11	extant	0	NA	LC	Ginsect
EA	Insectivora	Soricidae	<i>Chodsigoa</i>	<i>salenskii</i>	Salenski's Shrew	0.74	6	extant	0	NA	DD	Ginsect
EA	Insectivora	Soricidae	<i>Crocidura</i>	<i>suaveolens</i>	Lesser Shrew, Lesser White-toothed Shrew	0.94	9	extant	0	NA	LC	Ginsect
EA	Insectivora	Soricidae	<i>Eospalax</i>	<i>smithii</i>	Smith's Zokor	1.16	14	extant	0	NA	LC	Ginsect
EA	Insectivora	Soricidae	<i>Episoriculus</i>	<i>leucops</i>	Long-tailed Brown- toothed Shrew	0.92	8	extant	0	NA	LC	Ginsect
EA	Insectivora	Soricidae	<i>Neomys</i>	<i>teres</i>	Transcaucasian Water Shrew	1.11	13	extant	0	NA	LC	
EA	Insectivora	Soricidae	<i>Soriculus</i>	<i>hypsibius</i>	De Winton's Shrew	1.18	15	extant	0	NA	LC	Ginsect
EA	Insectivora	Talpidae	<i>Talpa</i>	<i>davidiana</i>	Père David's Mole	1.92	83	extant	0	NA	DD	
EA	Lagomorpha	Leporidae	<i>Caprolagus</i>	<i>hispidus</i>	Hispid Hare, Assam Rabbit, Bristly Rabbit	3.40	2497	extant	Future	NA	EN	Browse
EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>capensis</i>	Cape Hare, Desert Hare, Arabian Hare, Brown Hare	3.60	4010	extant	0	NA	LC	graze/browse
EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>castroviejo</i>	Broom Hare	3.44	2764	extant	Future	NA	VU	graze

	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>comus</i>	Yunnan Hare	3.16	1460	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>coreanus</i>	Korean Hare	3.44	2764	extant	0	NA	LC	
						Corsican Hare, CORSICAN HARE,							
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>corsicanus</i>	Apennine Hare, APPENINE HARE, Italian Hare	3.48	3000	extant	Future	NA	VU	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>europaeus</i>	European Hare, Brown Hare, European Brown Hare	3.57	3740	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>granatensis</i>	Granada Hare, Iberian Hare	3.60	4010	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>mandshuricus</i>	Manchurian Hare	3.26	1800	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>nigricollis</i>	Indian Hare, Black- naped Hare	3.32	2100	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>oiostolus</i>	Woolly Hare	3.48	3000	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>peguensis</i>	Burmese Hare	3.32	2105	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>sinensis</i>	Chinese Hare	3.18	1510	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>timidus</i>	Mountain Hare, Arctic Hare	3.48	3048	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>tolai</i>	Tolai Hare	3.20	1589	extant	0	NA	LC	graze/browse
	EA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>yarkandensis</i>	Yarkand Hare	3.44	2764	extant	Future	NA	NT	graze/browse
	EA	Lagomorpha	Leporidae	<i>Oryctolagus</i>	<i>cuniculus</i>	European Rabbit	3.25	1767	extant	Future	NA	NT	graze/browse
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>alpina</i>	Alpine Pika, Altai Pika	2.18	150	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>cansus</i>	Gansu Pika, Gray Pika	1.84	69	extant	0	NA	LC	browse
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>curzoniae</i>	Plateau Pika, Black- lipped Pika	2.12	131	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>dauurica</i>	Daurian Pika	2.04	109	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>erythrotis</i>	Chinese Red Pika	2.26	181	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>forresti</i>	Forrest's Pika	2.20	157	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>gloveri</i>	Glover's Pika	2.20	157	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>hyperborea</i>	Northern Pika	2.08	120	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>iliensis</i>	Ili Pika	2.20	157	extant	Future	NA	EN	
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>koslowi</i>	Kozlov's Pika, Koslov's Pika	2.20	157	extant	Future	NA	EN	
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>ladacensis</i>	Ladak Pika	2.20	157	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>macrotis</i>	Large-eared Pika	2.41	260	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>nubrica</i>	Nubra Pika	2.20	157	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>pusilla</i>	Steppe Pika, Little Pika	2.15	143	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>roylei</i>	Royle's Pika	2.41	260	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>rufescens</i>	Afghan Pika	2.40	250	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>rutila</i>	Turkestan Red Pika	2.20	157	extant	0	NA	LC	browse/frug
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>thibetana</i>	Moupin Pika	1.92	83	extant	0	NA	LC	Graze
	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>thomasi</i>	Thomas's Pika	2.20	157	extant	0	NA	LC	browse/frug
c	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>gaoligongensis</i>	Gaoligong pika	2.19	154	extant	0	NA	DD	browse/frug
c	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>himalaya</i>	Himalayan Mouse Hare	2.19	154	extant	0	NA	LC	browse/frug
c	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>muliensis</i>	Mull pika	2.19	154	extant	q	NA	DD	browse/frug
c	EA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>pallasi</i>	Mongolian Pika	2.19	154	extant	0	NA	LC	browse/frug
	EA	Monotremata	Tachyglossidae	<i>Zaglossus</i>	<i>bruijnii</i>		4.01	10140	extant	Future	NA	CR	Ginsect

c	EA	Perissodactyla	Equidae	<i>Equus</i>	<i>ferus</i>	Przewalski's Horse, Asian Wild Horse, Mongolian Wild Horse	5.40	250000	extant	Future	NA	EN	graze
	EA	Perissodactyla	Equidae	<i>Equus</i>	<i>hemionus</i>	Asiatic Wild Ass, Asian Wild Ass	5.36	230000	extant	Future	NA	NT	graze
	EA	Perissodactyla	Equidae	<i>Equus</i>	<i>hydruntinus</i>	European ass	5.54	347917	extinct	Holocene	3.5	EX	Graze
	EA	Perissodactyla	Equidae	<i>Equus</i>	<i>kiang</i>	Kiang	5.44	275000	extant	0	NA	LC	graze
	EA	Perissodactyla	Equidae	<i>Equus</i>	<i>onager</i>		5.36	230000	extant	Future	NA	NT	graze
	EA	Perissodactyla	Rhinocerotidae	<i>Coelodonta</i>	<i>antiquitatis</i>		6.46	2897344	extinct	TP	14	EX	Graze
	EA	Perissodactyla	Rhinocerotidae	<i>Dicerorhinus</i>	<i>sumatrensis</i>	Sumatran Rhinoceros	6.10	1266667	extant	Future	NA	CR	Browse
	EA	Perissodactyla	Rhinocerotidae	<i>Rhinoceros</i>	<i>sondaicus</i>	Javan Rhinoceros	6.24	1750000	extant	Future	NA	CR	Graze
	EA	Perissodactyla	Rhinocerotidae	<i>Rhinoceros</i>	<i>unicornis</i>	Indian Rhinoceros, Greater One-horned Rhino, Great Indian Rhinoceros	6.20	1602333	extant	Future	NA	VU	Graze
	EA	Perissodactyla	Rhinocerotidae	<i>Stephanorhinus</i>	<i>hemitoechus</i>	narrow-nosed rhinoceros	6.20	1599558	extinct	EP	45	EX	Browse/graze
	EA	Perissodactyla	Rhinocerotidae	<i>Stephanorhinus</i>	<i>kirchbergensis</i>	Merck's rhinoceros	6.20	1599558	extinct	LP	100	EX	Browse/graze
	EA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>indicus</i>	Malay Tapir, Indian Tapir, Malayan Tapir, Asian Tapir, Asiatic Tapir	5.47	296250	extant	Future	NA	EN	browse/graze
	EA	Pholidota	Manidae	<i>Manis</i>	<i>crassicaudata</i>	Indian Pangolin, Thick- tailed Pangolin	3.59	3900	extant	Future	NA	EN	Ginsect
	EA	Pholidota	Manidae	<i>Manis</i>	<i>javanica</i>	Sunda Pangolin, Malayan Pangolin	3.71	5150	extant	Future	NA	CR	Ginsect
	EA	Pholidota	Manidae	<i>Manis</i>	<i>pentadactyla</i>	Chinese Pangolin	3.67	4675	extant	Future	NA	CR	Ginsect
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>arctoides</i>	Stump-tailed Macaque, Stumptail Macaque, Bear Macaque	3.70	5000	extant	Future	NA	VU	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>assamensis</i>	Assam Macaque, Assamese Macaque	4.08	12000	extant	Future	NA	NT	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>fascicularis</i>	Crab-eating Macaque, Long-tailed Macaque, Cynomolgus Monkey	3.51	3233	extant	0	NA	LC	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>mulatta</i>	Rhesus Monkey, Rhesus Macaque	3.57	3713	extant	0	NA	LC	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>nemestrina</i>	Southern Pig-tailed Macaque, Sundaland Pigtail Macaque, Pig- tailed Macaque, Pigtail Macaque, Sunda Pig- tailed Macaque	3.78	6093	extant	Future	NA	VU	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>radiata</i>	Bonnet Macaque	3.57	3690	extant	0	NA	LC	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>silenus</i>	Lion-tailed Macaque, Wanderoo, Liontail Macaque	3.68	4750	extant	Future	NA	EN	Browse
	EA	Primates	Cercopithecidae	<i>Macaca</i>	<i>thibetana</i>	Milne-edwards' Macaque, Tibetan Macaque, Short-tailed Tibetan Macaque, Père David's Macaque	4.08	12000	extant	Future	NA	NT	Browse

EA	Primates	Cercopithecidae	<i>Papio</i>	<i>hamadryas</i>	Hamadryas Baboon, Sacred Baboon	4.33	21250	extant	0	NA	LC	frug/browse
EA	Primates	Cercopithecidae	<i>Presbytis</i>	<i>femoralis</i>	Banded Surili, Banded Langur, Banded Leaf Monkey	3.85	7000	extant	Future	NA	NT	Browse
EA	Primates	Cercopithecidae	<i>Presbytis</i>	<i>melalophos</i>	Sumatran Surili, Mitred Leaf Monkey	3.80	6300	extant	Future	NA	EN	Browse
EA	Primates	Cercopithecidae	<i>Pygathrix</i>	<i>nemaeus</i>	Red-shanked Douc Langur, Red-shanked Douc	3.92	8310	extant	Future	NA	EN	Browse
EA	Primates	Cercopithecidae	<i>Rhinopithecus</i>	<i>avunculus</i>	Tonkin Snub-nosed Monkey	3.92	8250	extant	Future	NA	CR	Browse
EA	Primates	Cercopithecidae	<i>Rhinopithecus</i>	<i>bieti</i>	Black Snub-nosed Monkey	4.00	9960	extant	Future	NA	EN	Browse
EA	Primates	Cercopithecidae	<i>Rhinopithecus</i>	<i>brelichi</i>	Grey Snub-nosed Monkey	4.22	16482	extant	Future	NA	EN	Browse
EA	Primates	Cercopithecidae	<i>Rhinopithecus</i>	<i>roxellana</i>	Golden Snub-nosed Monkey	4.15	14000	extant	Future	NA	EN	Browse
EA	Primates	Cercopithecidae	<i>Semnopithecus</i>	<i>entellus</i>	Northern Plains Gray Langur, Bengal Hanuman Langur	4.16	14500	extant	0	NA	LC	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>cristatus</i>	Silvery Lutung, Silvered Langur, Silvered Monkey, Silvered Leaf Monkey	3.92	8350	extant	Future	NA	NT	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>francoisi</i>	François's Langur, White Side-burned Black Langur, François's Leaf Monkey, Tonkin Leaf Monkey, François's Langur	3.86	7325	extant	Future	NA	EN	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>geei</i>	Gee's Golden Langur, Golden Leaf Monkey, Gee's Golden Langur	3.92	8350	extant	Future	NA	EN	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>johnii</i>	Nilgiri Langur, Nilgiri Black Langur, Indian Hooded Leaf Monkey, John's Langur, John's Langur, Hooded Leaf Monkey, Black Leaf Monkey, Nilgiri Leaf Monkey	4.13	13400	extant	Future	NA	VU	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>obscurus</i>	Dusky Leaf-monkey, Spectacled Leaf Monkey, Dusky Leaf Monkey, Spectacled Langur, Dusky Langur, Spectacled Langur	3.81	6420	extant	Future	NA	NT	Browse/frug
EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>phayrei</i>	Phayre's Leaf-monkey, Phayre's Leaf Monkey, Phayre's Langur	3.92	8400	extant	Future	NA	EN	Browse/frug

	EA	Primates	Cercopithecidae	<i>Trachypithecus</i>	<i>pileatus</i>	Capped Langur, Capped Leaf Monkey, Capped Monkey, Bonneted Langur	4.06	11450	extant	Future	NA	VU	Browse/frug
	EA	Primates	Hylobatidae	<i>Hylobates</i>	<i>agilis</i>	Agile Gibbon, Dark-handed Gibbon	3.75	5650	extant	Future	NA	EN	Frug/browse
	EA	Primates	Hylobatidae	<i>Hylobates</i>	<i>hoolock</i>	Western Hoolock Gibbon	3.83	6700	extant	Future	NA	EN	
	EA	Primates	Hylobatidae	<i>Hylobates</i>	<i>lar</i>	Lar Gibbon, White-handed Gibbon, Common Gibbon	3.69	4892	extant	Future	NA	EN	Frug/browse
	EA	Primates	Hylobatidae	<i>Hylobates</i>	<i>moloch</i>	Silvery Javan Gibbon, Silvery Gibbon, Owa Jawa, Moloch Gibbon, Javan Gibbon	3.81	6500	extant	Future	NA	EN	Frug/browse
	EA	Primates	Hylobatidae	<i>Hylobates</i>	<i>pileatus</i>	Pileated Gibbon, Capped Gibbon, Crowned Gibbon	3.74	5440	extant	Future	NA	EN	Frug/browse
	EA	Primates	Hylobatidae	<i>Nomascus</i>	<i>concolor</i>	Black Crested Gibbon, Indochinese Gibbon, Crested Gibbon, Black Gibbon	3.76	5700	extant	Future	NA	CR	
	EA	Primates	Hylobatidae	<i>Nomascus</i>	<i>gabriellae</i>	Red-cheeked Gibbon, Buff-cheeked Gibbon, Buffy-cheeked Gibbon, Yellow-cheeked Crested Gibbon	3.86	7200	extant	Future	NA	EN	Frug/browse
	EA	Primates	Hylobatidae	<i>Nomascus</i>	<i>leucogenys</i>	Northern White-cheeked Gibbon, White-cheeked Gibbon	3.86	7320	extant	Future	NA	CR	Frug/browse
	EA	Primates	Hylobatidae	<i>Symphalangus</i>	<i>syndactylus</i>	Siamang	4.00	10000	extant	Future	NA	EN	Frug/browse
	EA	Primates	Lorisidae	<i>Loris</i>	<i>tardigradus</i>	Red Slender Loris, Slender Loris	2.33	216	extant	Future	NA	EN	Ginsect/frug
	EA	Primates	Lorisidae	<i>Nycticebus</i>	<i>coucang</i>	Greater Slow Loris, Sunda Slow Loris, Slow Loris	3.07	1187	extant	Future	NA	VU	Ginsect
	EA	Primates	Lorisidae	<i>Nycticebus</i>	<i>pygmaeus</i>	Pygmy Slow Loris, Pygmy Loris, Lesser Slow Loris	2.95	900	extant	Future	NA	VU	Ginsect
	EA	Primates	Tarsiidae	<i>Tarsius</i>	<i>bancanus</i>	Horsfield's Tarsier, Western Tarsier, Horsfield's Tarsier	1.89	78	extant	Future	NA	VU	Ginsect
	EA	Proboscidea	Elephantidae	<i>Elephas</i>	<i>maximus</i>	Asian Elephant, Indian Elephant	6.43	2720000	extant	Future	NA	EN	3raze/browse
	EA	Proboscidea	Elephantidae	<i>Mammuthus</i>	<i>primigenius</i>		6.74	5500000	extinct	TP	11	EX	graze
	EA	Proboscidea	Elephantidae	<i>Palaeoloxodon</i>	<i>antiquus</i>	Straight-tusked elephant	7.12	13300000	extinct	LP	70	EX	graze/brower
c	EA	Proboscidea	Stegodontidae	<i>Stegodon</i>	<i>orientalis</i>		6.95	8850000	extinct	LP	125	EX	graze/brower
	EA	Proboscidea	Stegodontidae	<i>Stegodon</i>	<i>trigonocephalus</i>		6.70	5000000	extinct	TP	12	EX	graze/brower
	EA	Proboscidea	Stegodontidae	<i>Stegodon</i>	<i>zdanskyi</i>		7.10	12700000	extinct	LP	125	EX	graze/brower

EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>bailwardi</i>	Mouse-like Hamster, Zagros Mountains	1.31	20	extant	0	NA	LC	Frug/browse
EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>baluchi</i>	Calomyscus, Zagros Mountains Mouse-like Hamster	1.27	19	extant	0	NA	LC	
EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>hotsoni</i>	Baluchi Brush-tailed Mouse, Baluchi Mouse-like Hamster, Pakistan Calomyscus	1.27	19	extant	0	NA	LC	
EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>mystax</i>	Hotson's Brush-tailed Mouse, Hotson's Calomyscus, Hotson's Mouse-like Hamster	1.23	17	extant	0	NA	LC	Frug/browse
EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>tsolovi</i>	Afghan Mouse-like Hamster, Great Balkhan Calomyscus	1.27	19	extant	0	NA	DD	
EA	Rodentia	Calomyscidae	<i>Calomyscus</i>	<i>urartensis</i>	Tsolov's Mouse-like Hamster, Syrian Calomyscus	1.27	19	extant	0	NA	LC	
EA	Rodentia	Castoridae	<i>Castor</i>	<i>fiber</i>	Urar Calomyscus, Urartsk Mouse-like Hamster	4.28	19000	extant	0	NA	LC	Browse
EA	Rodentia	Castoridae	<i>Trogontherium</i>	<i>cuvieri</i>	Eurasian Beaver	4.60	39994	extinct	TP	12	EX	Browse
EA	Rodentia	Cricetidae	<i>Allocricetulus</i>	<i>curtatus</i>	Mongolian Hamster	1.68	48	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Allocricetulus</i>	<i>eversmanni</i>	Eversmann's Hamster	2.06	116	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>argentatus</i>	Silver Mountain Vole	1.58	38	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>barakshin</i>	Gobi Altai Mountain Vole	1.58	38	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>lemminus</i>	Lemming Vole, Lemming Mountain Vole	1.58	38	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>macrotis</i>	Large-eared Vole, Large-eared Mountain Vole	1.56	36	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>montosa</i>	Central Kashmir Vole, Kashmir Mountain Vole, True's Vole	1.58	38	extant	Future	NA	VU	
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>roylei</i>	Royle's Mountain Vole	1.57	37	extant	Future	NA	NT	3raze/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>semicanus</i>	Mongolian Silver Vole, Mongolian Mountain Vole	1.58	38	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>stoliczkanus</i>	Stoliczka's Mountain Vole	1.44	27	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>strelzowi</i>	Flat-headed Vole, Strelzow's Mountain Vole	1.70	50	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Alticola</i>	<i>tuvinicus</i>	Tuva Silver Vole, Tuva Mountain Vole	1.58	38	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Arvicola</i>	<i>sapidus</i>	Southern Water Vole, Southwestern Water Vole	2.34	220	extant	Future	NA	VU	3raze/browse

EA	Rodentia	Cricetidae	<i>Blanfordimys</i>	<i>afghanus</i>	Afghan Vole			extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Cansumys</i>	<i>canus</i>	Gansu Hamster			extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Chionomys</i>	<i>gud</i>	Caucasian Snow Vole, Gudaurl Snow Vole	1.97	94	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Chionomys</i>	<i>nivalis</i>	European Snow Vole, Snow Vole	1.73	54	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Chionomys</i>	<i>roberti</i>	Robert's Snow Vole	1.97	94	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>alticola</i>	Ladakh Hamster, Tibetan Dwarf Hamster	1.44	28	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>barabensis</i>	Striped Dwarf Hamster	1.36	23	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>kamensis</i>	Kam Dwarf Hamster	1.44	28	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>longicaudatus</i>	Long-tailed Dwarf Hamster	1.34	22	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>migratorius</i>	Gray Dwarf Hamster, Grey Hamster	1.59	39	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Cricetidae	<i>Cricetulus</i>	<i>sokolovi</i>	Sokolov's Dwarf Hamster, Sokolov's Dwarf Hamster	1.44	28	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Cricetus</i>	<i>cricetus</i>	Black-bellied Hamster, Common Hamster	2.71	510	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>torquatus</i>	Arctic Lemming, Palearctic Collared Lemming	1.93	85	extant	0	NA	LC	Browse/graze
EA	Rodentia	Cricetidae	<i>Dinaromys</i>	<i>bogdanovi</i>	Balkan Snow Vole, Martino's Snow Vole	1.75	56	extant	Future	NA	VU	Browse/graze
EA	Rodentia	Cricetidae	<i>Ellobius</i>	<i>alaicus</i>	Alai Mole Vole	1.90	79	extant	0	NA	DD	browse/frug
EA	Rodentia	Cricetidae	<i>Ellobius</i>	<i>fuscocapillus</i>	Southern Mole Vole, Quetta Mole-vole, Afghan Mole-vole	1.90	80	extant	0	NA	LC	se (roots & tu
EA	Rodentia	Cricetidae	<i>Ellobius</i>	<i>lutescens</i>	Transcaucasian Mole Vole, Mountain Mole Vole	2.07	117	extant	0	NA	LC	se (roots & tu
EA	Rodentia	Cricetidae	<i>Ellobius</i>	<i>talpinus</i>	Northern Mole Vole	1.60	40	extant	0	NA	LC	se (roots & tu
EA	Rodentia	Cricetidae	<i>Ellobius</i>	<i>tancrei</i>	Zaisan Mole Vole	1.90	79	extant	0	NA	LC	browse/frug
EA	Rodentia	Cricetidae	<i>Eolagurus</i>	<i>luteus</i>	Yellow Steppe Lemming	1.41	26	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Eolagurus</i>	<i>przewalskii</i>	Przewalski's Steppe Lemming	1.41	26	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Eothenomys</i>	<i>chinensis</i>	Sichuan Red-backed Vole, Sichuan Chinese Vole, Pratt's Vole, Pratt's Oriental Vole	1.66	45	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Eothenomys</i>	<i>custos</i>	Southwest China Red- backed Vole, Southwest China Vole	1.49	31	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Eothenomys</i>	<i>melanogaster</i>	P_re David's Vole, P_re David's Vole	1.43	27	extant	0	NA	LC	3raze/browse
EA	Rodentia	Cricetidae	<i>Eothenomys</i>	<i>olitor</i>	Black-eared Red-backed Vole, Black-eared Chinese Vole, Chaotung Vole	1.34	22	extant	0	NA	LC	3raze/browse

EA	Rodentia	Cricetidae	<i>Eothenomys</i>	<i>proditor</i>	Yulongxuen Red-backed Vole, Yulong Chinese Vole, Yulongxuen Chinese Vole, Yulungshan Vole	1.63	43	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Hyperacrius</i>	<i>fertilis</i>	Burrowing Vole, True's Vole	1.35	22	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Cricetidae	<i>Hyperacrius</i>	<i>wynnei</i>	Murree Vole	1.72	53	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Lagurus</i>	<i>lagurus</i>	Steppe Lemming, STEPPE LEMMING, Steppe Vole, STEPPE VOLE	1.31	20	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Lasiopodomys</i>	<i>brandtii</i>	Brandt's Vole	1.97	94	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Lasiopodomys</i>	<i>fuscus</i>	Smokey Vole, Plateau Vole	1.63	43	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Lasiopodomys</i>	<i>mandarinus</i>	Mandarin Vole	1.83	68	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Lemmus</i>	<i>amurensis</i>	Amur Lemming	1.70	51	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Lemmus</i>	<i>lemmus</i>	Norway Lemming	1.68	48	extant	0	NA	LC	Browse
EA	Rodentia	Cricetidae	<i>Lemmus</i>	<i>sibiricus</i>	Brown Lemming, BROWN LEMMING, Siberian Brown Lemming, SIBERIAN BROWN LEMMING	1.72	52	extant	0	NA	LC	Browse
EA	Rodentia	Cricetidae	<i>Mesocricetus</i>	<i>auratus</i>	Golden Hamster	2.02	105	extant	Future	NA	VU	Frug/browse
EA	Rodentia	Cricetidae	<i>Mesocricetus</i>	<i>brandti</i>	Brandt's Hamster	2.30	198	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Cricetidae	<i>Mesocricetus</i>	<i>newtoni</i>	Romanian Hamster	1.99	98	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Cricetidae	<i>Mesocricetus</i>	<i>raddei</i>	Ciscaucasian Hamster	2.13	134	extant	0	NA	LC	
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>agrestis</i>	Field Vole	1.63	43	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>arvalis</i>	Common Vole	1.45	28	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>bavaricus</i>	Bavarian Pine Vole, Bavarian Vole	1.61	41	extant	Future	NA	CR	
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>cabreræ</i>	Cabrera's Vole	1.72	53	extant	Future	NA	NT	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>daghestanicus</i>	Daghestan Pine Vole, Caucasus Pine Vole	1.11	13	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>duodecimcostatus</i>	Mediterranean Pine Vole	1.36	23	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>evoronensis</i>	Evoron Vole, Evorsk Vole, Lake Evoron Vole	1.61	41	extant	0	NA	DD	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>felteni</i>	Balkan Pine Vole, Felten's Vole	1.61	41	extant	0	NA	DD	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>fortis</i>	Reed Vole	1.80	63	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>gerbei</i>	Gerbe's Vole, Pyrenean Pine Vole	1.61	41	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>gregalis</i>	Narrow-headed Vole	1.68	48	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>guentheri</i>	Göñther's Vole	1.70	50	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>irani</i>	Persian Vole	1.61	41	extant	0	NA	DD	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>limnophilus</i>	Lacustrine Vole	1.61	41	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>lusitanicus</i>	Lusitanian Pine Vole	1.61	41	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>majori</i>	Major's Pine Vole	1.26	18	extant	0	NA	LC	Graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>maximowiczii</i>	Maximowicz's Vole	1.61	41	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>mongolicus</i>	Mongolian Vole	1.44	28	extant	0	NA	LC	Graze/browse

EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>mujanensis</i>	Muisk Vole	1.61	41	extant	0	NA	DD	browse/frug
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>multiplex</i>	Alpine Pine Vole	1.36	23	extant	0	NA	LC	graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>oeconomus</i>	Root Vole, Tundra Vole	1.56	37	extant	0	NA	LC	graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>savii</i>	Savi's Pine Vole	1.30	20	extant	0	NA	LC	graze/browse
					Schelkovnikov's Pine Vole, Schelkovnikov's Pine Vole							
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>schelkovnikovii</i>	Vole, Schelkovnikov's Pine Vole	1.61	41	extant	Future	NA	NT	
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>socialis</i>	Social Vole	1.68	48	extant	0	NA	LC	graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>subterraneus</i>	European Pine Vole, Common Pine Vole	1.29	20	extant	0	NA	LC	graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>tatricus</i>	Tatra Vole	1.60	40	extant	0	NA	LC	graze/browse
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>thomasi</i>	Thomas's Pine Vole	1.61	41	extant	0	NA	LC	browse/frug
					Baluchistan Vole, Middle East Vole, Transcasian Vole							
EA	Rodentia	Cricetidae	<i>Microtus</i>	<i>transcaspicus</i>	Middle East Vole, Transcasian Vole	1.61	41	extant	0	NA	LC	browse/frug
EA	Rodentia	Cricetidae	<i>Myodes</i>	<i>centralis</i>	Tien Shan Red-backed Vole	1.51	32	extant	0	NA	LC	Frug/browse
EA	Rodentia	Cricetidae	<i>Myopus</i>	<i>schisticolor</i>	Wood Lemming	1.40	25	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Cricetidae	<i>Ondatra</i>	<i>zibethicus</i>	Muskrat	3.06	1150	extant	0	NA	LC	Graze/carn
EA	Rodentia	Cricetidae	<i>Phodopus</i>	<i>campbelli</i>	Campbell's Hamster	1.37	23	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Cricetidae	<i>Phodopus</i>	<i>roborovskii</i>	Desert Hamster, Roborowski's Hamster	1.27	19	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Cricetidae	<i>Phodopus</i>	<i>sungorus</i>	Dzhungarian Hamster	1.53	34	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Cricetidae	<i>Proedromys</i>	<i>bedfordi</i>	Duke Of Bedford's Vole			extant	Future	NA	VU	
EA	Rodentia	Cricetidae	<i>Prometheomys</i>	<i>schaposchnikowi</i>	Long-clawed Mole Vole	1.88	75	extant	Future	NA	NT	sect/frug/bro
EA	Rodentia	Cricetidae	<i>Tscherskia</i>	<i>triton</i>	Greater Long-tailed Hamster	2.58	380	extant	0	NA	LC	Browse
EA	Rodentia	Cricetidae	<i>Volemys</i>	<i>millicens</i>	Sichuan Vole, Szechuan Vole	1.63	43	extant	0	NA	DD	
EA	Rodentia	Cricetidae	<i>Volemys</i>	<i>musseri</i>	Marie's Vole	1.63	43	extant	0	NA	DD	graze/ginsect
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>balikunica</i>	Balikun Jerboa	2.17	147	extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>bullata</i>	Gobi Jerboa	2.17	147	extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>elater</i>	Small Five-toed Jerboa	1.77	59	extant	0	NA	LC	Graze
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>euphratica</i>	Euphrates Jerboa	2.37	232	extant	Future	NA	NT	Graze
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>firouzi</i>	Iranian Jerboa	2.17	147	extant	0	NA	DD	
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>hotsoni</i>	Hotson's Five-toed Jerboa, Hotson's Jerboa	1.88	77	extant	0	NA	LC	Graze
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>major</i>	Great Jerboa	2.54	350	extant	0	NA	LC	Graze
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>severtzovi</i>	Svertzov's Jerboa	2.20	159	extant	0	NA	LC	Graze
					Siberian Jerboa, Mongolian Five-toed Jerboa							
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>sibirica</i>	Mongolian Five-toed Jerboa	1.99	98	extant	0	NA	LC	Graze
EA	Rodentia	Dipodidae	<i>Allactaga</i>	<i>vinogradovi</i>	Vinogradov's Jerboa	2.17	147	extant	Future	NA	NT	
EA	Rodentia	Dipodidae	<i>Allactodipus</i>	<i>bobrinskii</i>	Bobrinski's Jerboa			extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Cardiocranius</i>	<i>paradoxus</i>	Five-toed Pygmy Jerboa	0.93	9	extant	0	NA	DD	Frug/browse
					Hairy-footed Jerboa, Northern Three-toed Jerboa, NORTHERN THREE-TOED JERBOA							
EA	Rodentia	Dipodidae	<i>Dipus</i>	<i>sagitta</i>	Northern Three-toed Jerboa, NORTHERN THREE-TOED JERBOA	1.93	86	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Eozapus</i>	<i>setchuanus</i>	Chinese Jumping Mouse	1.51	33	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Eremodipus</i>	<i>lichtensteini</i>	Lichtenstein's Jerboa	1.71	51	extant	0	NA	LC	Frug/browse

EA	Rodentia	Dipodidae	<i>Euchoreutes</i>	<i>naso</i>	Long-eared Jerboa	1.38	24	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Jaculus</i>	<i>blanfordi</i>	Blanford's Jerboa, Blanford's Jerboa, Greater Threetoed Jerboa	1.74	55	extant	0	NA	LC	frug/graze
EA	Rodentia	Dipodidae	<i>Jaculus</i>	<i>blanfordi</i>	Blanford's Jerboa, Blanford's Jerboa, Greater Threetoed Jerboa	1.95	89	extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Jaculus</i>	<i>jaculus</i>	Lesser Egyptian Jerboa	1.75	57	extant	0	NA	LC	frug/graze
EA	Rodentia	Dipodidae	<i>Jaculus</i>	<i>orientalis</i>	Greater Egyptian Jerboa	2.14	138	extant	0	NA	LC	frug/graze
EA	Rodentia	Dipodidae	<i>Paradipus</i>	<i>ctenodactylus</i>	Comb-toed Jerboa	2.04	109	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Pygeretmus</i>	<i>platyurus</i>	Lesser Fat-tailed Jerboa	1.72	52	extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Pygeretmus</i>	<i>pumilio</i>	Dwarf Fat-tailed Jerboa, DWARF FAT-TAILED JERBOA	1.72	52	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Pygeretmus</i>	<i>shitkovi</i>	Greater Fat-tailed Jerboa	1.72	52	extant	Future	NA	NT	
EA	Rodentia	Dipodidae	<i>Salpingotulus</i>	<i>michaelis</i>	Baluchistan Pygmy Jerboa, Dwarf Three-toed Jerboa	0.59	4	extant	0	NA	DD	Frug/browse
EA	Rodentia	Dipodidae	<i>Salpingotus</i>	<i>crassicauda</i>	Thick-tailed Pygmy Jerboa			extant	0	NA	DD	
EA	Rodentia	Dipodidae	<i>Salpingotus</i>	<i>heptneri</i>	Heptner's Pygmy Jerboa			extant	0	NA	DD	
EA	Rodentia	Dipodidae	<i>Salpingotus</i>	<i>kozlovi</i>	Kozlov's Pygmy Jerboa			extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Salpingotus</i>	<i>pallidus</i>	Pale Pygmy Jerboa, Pallid Pygmy Jerboa			extant	0	NA	DD	
EA	Rodentia	Dipodidae	<i>Salpingotus</i>	<i>thomasi</i>	Thomas's pygmy jerboa			extant	0	NA	DD	DD
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>armenica</i>	Armenian Birch Mouse	1.00	10	extant	Future	NA	EN	
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>betulina</i>	Northern Birch Mouse	0.90	8	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>caucasica</i>	Caucasian Birch Mouse	1.00	10	extant	Future	NA	VU	Frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>caudata</i>	Long-tailed Birch Mouse	1.00	10	extant	0	NA	DD	frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>concolor</i>	Chinese Birch Mouse	1.00	10	extant	0	NA	LC	frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>kazbegica</i>	Kazbeg Birch Mouse	1.00	10	extant	Future	NA	EN	
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>kluchorica</i>	Kluchor Birch Mouse	1.00	10	extant	Future	NA	NT	
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>napaea</i>	Altai Birch Mouse	1.00	10	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>pseudonapaea</i>	Grey Birch Mouse, Gray Birch Mouse	1.00	10	extant	0	NA	DD	frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>severtzovi</i>	Severtzov's Birch Mouse	1.00	10	extant	0	NA	LC	frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>strandii</i>	Strand's Birch Mouse	1.01	10	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>subtilis</i>	Southern Birch Mouse	1.07	12	extant	0	NA	LC	Frug/browse
EA	Rodentia	Dipodidae	<i>Sicista</i>	<i>tianshanica</i>	Tien Shan Birch Mouse	1.00	10	extant	0	NA	LC	frug/browse
EA	Rodentia	Dipodidae	<i>Stylodipus</i>	<i>andrewsi</i>	Andrews's Three-toed Jerboa, Mongolian Jerboa	1.74	55	extant	0	NA	LC	

EA	Rodentia	Dipodidae	<i>Stylodipus</i>	<i>sungorus</i>	Mongolian Three-toed Jerboa	1.74	55	extant	0	NA	LC	
EA	Rodentia	Dipodidae	<i>Stylodipus</i>	<i>telum</i>	Thick-tailed Three-toed Jerboa, THICK-TAILED THREE-TOED JERBOA	1.74	55	extant	0	NA	LC	Frug/browse
EA	Rodentia	Gliridae	<i>Dryomys</i>	<i>laniger</i>	Woolly Dormouse	1.30	20	extant	0	NA	DD	Frug/browse
EA	Rodentia	Gliridae	<i>Dryomys</i>	<i>nitedula</i>	Forest Dormouse	1.53	34	extant	0	NA	LC	Frug/browse
EA	Rodentia	Gliridae	<i>Eliomys</i>	<i>melanurus</i>	Asian Garden Dormouse	1.87	75	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Gliridae	<i>Eliomys</i>	<i>quercinus</i>	Garden Dormouse	2.06	115	extant	Future	NA	NT	frug/ginsect
EA	Rodentia	Gliridae	<i>Muscardinus</i>	<i>avellanarius</i>	Hazel Dormouse, Common Dormouse	1.44	28	extant	0	NA	LC	
EA	Rodentia	Gliridae	<i>Myomimus</i>	<i>personatus</i>	Masked Mouse-tailed Dormouse			extant	0	NA	DD	
EA	Rodentia	Gliridae	<i>Myomimus</i>	<i>roachi</i>	Mouse-tailed Dormouse, Roach's Mouse-tailed Dormouse			extant	Future	NA	VU	
EA	Rodentia	Gliridae	<i>Myomimus</i>	<i>setzeri</i>	Setzer's Mouse-tailed Dormouse			extant	0	NA	DD	
EA	Rodentia	Gliridae	<i>Selevinia</i>	<i>betpakdalaensis</i>	Desert Dormouse	1.45	28	extant	0	NA	DD	Frug/browse
EA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>californicus</i>	California Kangaroo Rat	1.93	85	extant	0	NA	LC	Frug
EA	Rodentia	Hystriidae	<i>Atherurus</i>	<i>macrourus</i>	Asiatic Brush-tailed Porcupine	3.30	2000	extant	0	NA	LC	frug/browse
EA	Rodentia	Hystriidae	<i>Hystrix</i>	<i>brachyura</i>	Malayan Porcupine, Himalayan Crestless Porcupine	3.90	8000	extant	0	NA	LC	Browse
EA	Rodentia	Hystriidae	<i>Hystrix</i>	<i>cristata</i>	Crested Porcupine, North African Crested Porcupine	4.10	12500	extant	0	NA	LC	browse/frug
EA	Rodentia	Hystriidae	<i>Hystrix</i>	<i>indica</i>	Indian Crested Porcupine	4.17	14650	extant	0	NA	LC	Browse/frug
EA	Rodentia	Hystriidae	<i>Trichys</i>	<i>fasciculata</i>	Long-tailed Porcupine	3.19	1560	extant	0	NA	LC	Browse/frug
EA	Rodentia	Muridae	<i>Acomys</i>	<i>cahirinus</i>	Cairo Spiny Mouse, Greater Wilfred's Mouse, Northeast African Spiny Mouse	1.82	66	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Acomys</i>	<i>cilicicus</i>	Asia Minor Spiny Mouse, Turkish Spiny Mouse	1.51	33	extant	0	NA	DD	
EA	Rodentia	Muridae	<i>Acomys</i>	<i>russatus</i>	Golden Spiny Mouse	1.70	50	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Alticola</i>	<i>albicaudus</i>	White-tailed Mountain Vole			extant	0	NA	DD	
EA	Rodentia	Muridae	<i>Alticola</i>	<i>stracheyi</i>	Stoliczka's Mountain Vole			extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>agrarius</i>	Striped Field Mouse	1.37	23	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>alpicola</i>	Alpine Field Mouse	1.45	28	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>arianus</i>	Yellow-necked Field Mouse	1.47	30	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>chevrieri</i>	Chevrier's Field Mouse	1.52	33	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>draco</i>	South China Field Mouse	1.35	22	extant	0	NA	LC	frug/ginsect

EA	Rodentia	Muridae	<i>Apodemus</i>	<i>flavicollis</i>	Yellow-necked Field Mouse	1.43	27	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>fulvipectus</i>	Steppe Field Mouse	1.48	30	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>gurkha</i>	Nepalese Field Mouse, Himalayan Wood Mouse, Himalayan Field Mouse	1.60	40	extant	Future	NA	EN	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>hermonensis</i>	Steppe Field Mouse	1.32	21	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>hyrcanicus</i>	Hyrceanian Field Mouse, Caucasian Field Mouse, Caucasus Field Mouse, Talysh Field Mouse	1.47	30	extant	Future	NA	NT	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>latronum</i>	Large-eared Field Mouse, Sichuan Field Mouse	1.55	35	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>mystacinus</i>	Eastern Broad-toothed Field Mouse, Broad-toothed Field Mouse	1.66	46	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>pallipes</i>	Himalayan Field Mouse, Ward's Field Mouse	1.47	30	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>peninsulae</i>	Korean Field Mouse	1.52	33	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>ponticus</i>	Black Sea Field Mouse	1.47	30	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>rusiges</i>	Kashmir Field Mouse	1.47	30	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>sylvaticus</i>	Long-tailed Field Mouse, Wood Mouse, Small Wood Mouse	1.60	39	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Apodemus</i>	<i>uralensis</i>	Herb Field Mouse, Ural Field Mouse, Pygmy Field Mouse	1.23	17	extant	0	NA	LC	frug/ginsect
EA	Rodentia	Muridae	<i>Arvicanthis</i>	<i>niloticus</i>	African Grass Rat, African Arvicanthis	2.03	107	extant	0	NA	LC	frug/graze
EA	Rodentia	Muridae	<i>Arvicola</i>	<i>amphibius</i>	European Water Vole, Water Vole, Eurasian Water Vole	2.08	120	extant	0	NA	LC	graze/browse
EA	Rodentia	Muridae	<i>Bandicota</i>	<i>bengalensis</i>	Lesser Bandicoot Rat, Indian Mole-rat, Sind Rice Rat	2.18	150	extant	0	NA	LC	Browse/graze
EA	Rodentia	Muridae	<i>Bandicota</i>	<i>indica</i>	Greater Bandicoot Rat	2.70	500	extant	0	NA	LC	Browse/graze
EA	Rodentia	Muridae	<i>Bandicota</i>	<i>savilei</i>	Savile's Bandicoot Rat	2.30	199	extant	0	NA	LC	Browse/graze
EA	Rodentia	Muridae	<i>Berylmys</i>	<i>berdmorei</i>	Berdmore's Berylmys, Small White-toothed Rat	2.37	235	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Muridae	<i>Berylmys</i>	<i>bowersi</i>	Bower's White-toothed Rat, Bower's Rat, Bower's Berylmys	2.48	300	extant	0	NA	LC	;/browse/gins
EA	Rodentia	Muridae	<i>Berylmys</i>	<i>mackenziei</i>	Kenneth's White-toothed Rat, Mackenzie's Berylmys, Mackenzie's Rat	2.41	256	extant	0	NA	DD	;/browse/gins
EA	Rodentia	Muridae	<i>Berylmys</i>	<i>manipulus</i>	Manipur White-toothed Rat, Manipur Berylmys	2.06	116	extant	0	NA	DD	;/browse/gins

EA	Rodentia	Muridae	<i>Blanfordimys</i>	<i>bucharicus</i>				extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Brachiones</i>	<i>przewalskii</i>	Przewalski's Jird, Przewalski's Gerbil			extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Caryomys</i>	<i>eva</i>	Eva's Red-backed Vole, Gansu Vole, Eva's Vole, Ganzu Vole, Taozhou Vole	1.43	27	extant	0	NA	LC	Graze/browse
EA	Rodentia	Muridae	<i>Caryomys</i>	<i>inez</i>	Inez's Red-backed Vole, Inez's Vole, Kolan Vole Indochinese	1.43	27	extant	0	NA	LC	Graze/browse
EA	Rodentia	Muridae	<i>Chiromyscus</i>	<i>chiropus</i>	Chiromyscus, Fea's Tree Rat	1.89	78	extant	0	NA	LC	rowse/ginsec
EA	Rodentia	Muridae	<i>Chiropodomys</i>	<i>gliroides</i>	Indomalayan Pencil- tailed Tree Mouse, Pencil-tailed Tree Mouse	1.40	25	extant	0	NA	LC	Frug/browse
EA	Rodentia	Muridae	<i>Chodsigoa</i>	<i>smithii</i>	Smith's Shrew	2.58	379	extant	Future	NA	NT	sect/frug/brov
EA	Rodentia	Muridae	<i>Cremnomys</i>	<i>cutchicus</i>	Cutch Rock-rat, Cutch Rat	1.78	60	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Cremnomys</i>	<i>elvira</i>	Large Rock-rat, Elvira Rat	1.89	77	extant	Future	NA	CR	sect/frug/brov
EA	Rodentia	Muridae	<i>Dacnomys</i>	<i>millardi</i>	Millard's Rat			extant	0	NA	DD	
EA	Rodentia	Muridae	<i>Dicrostonyx</i>	<i>groenlandicus</i>	Neartic Collared Lemming, Northern Collared Lemming	1.67	47	extant	0	NA	LC	Browse/graze
EA	Rodentia	Muridae	<i>Diomys</i>	<i>crumpi</i>	Crump's Mouse			extant	0	NA	DD	
EA	Rodentia	Muridae	<i>Dipodillus</i>	<i>dasyurus</i>	Wagner's Gerbil	1.37	24	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Eospalax</i>	<i>fontanierii</i>	Chinese Zokor, Plateau Zokor	2.39	245	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Eospalax</i>	<i>rothschildi</i>	Rothschild's Zokor	2.38	240	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>andersoni</i>	Anderson's Gerbil	1.39	25	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>aquilus</i>	Swarthy Gerbil	1.45	28	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>cheesmani</i>	Cheesman's Gerbil	1.45	28	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>famulus</i>	Black-tufted Gerbil	1.57	37	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>gleadowi</i>	Little Hairy-footed Gerbil, Indian Hairy- footed Gerbil	1.38	24	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>henleyi</i>	Pygmy Gerbil	0.90	8	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>mesopotamiae</i>	Mesopotamian Gerbil	1.30	20	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>nanus</i>	Dwarf Gerbil, Baluchistan Gerbil	1.41	26	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Gerbillus</i>	<i>poecilops</i>	Large Aden Gerbil	1.50	32	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Golunda</i>	<i>elliotti</i>	Indian Bush-rat, Indian Bush Rat	1.75	57	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Hadromys</i>	<i>humei</i>	Hume's Rat, Manipur Bush Rat	1.77	59	extant	Future	NA	EN	Frug/ginsect
EA	Rodentia	Muridae	<i>Hapalomys</i>	<i>delacouri</i>	Lesser Marmoset Rat, Delacour's Marmoset Rat	1.81	64	extant	Future	NA	VU	owse (bambo
EA	Rodentia	Muridae	<i>Hapalomys</i>	<i>longicaudatus</i>	Greater Marmoset Rat, Marmoset Rat	1.85	70	extant	Future	NA	EN	owse (bambo

EA	Rodentia	Muridae	<i>Lenothrix</i>	<i>canus</i>	Sundaic Lenothrix, Gray Tree Rat	2.08	120	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Leopoldamys</i>	<i>edwardsi</i>	Edward's Rat, Edwards's Long-tailed Giant Rat	2.48	300	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Leopoldamys</i>	<i>neilli</i>	Neill's Leopoldamys, Neill's Long-tailed Giant Rat	2.34	219	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Leopoldamys</i>	<i>sabanus</i>	Long-tailed Giant Rat, Noisy Rat	2.54	344	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Madromys</i>	<i>blanfordi</i>	White-tailed Wood Rat, Blanford's Rat, Blanford's Rat	2.15	141	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Maxomys</i>	<i>inas</i>	Malayan Mountain Maxomys, Malayan Mountain Spiny Rat	1.95	90	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Maxomys</i>	<i>moi</i>	Indochinese Mountain Maxomys, Mo's Spiny Rat	2.17	147	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Maxomys</i>	<i>rajah</i>	Rajah Sundaic Maxomys, Rajah Spiny Rat	2.18	150	extant	Future	NA	VU	sect/browse/1
EA	Rodentia	Muridae	<i>Maxomys</i>	<i>surifer</i>	Indomalayan Maxomys, Red Spiny Rat	2.14	139	extant	0	NA	LC	sect/browse/1
EA	Rodentia	Muridae	<i>Maxomys</i>	<i>whiteheadi</i>	Whitehead's Sundaic Maxomys, Whitehead's Spiny Rat	1.74	54	extant	Future	NA	VU	sect/browse/1
EA	Rodentia	Muridae	<i>Meriones</i>	<i>arimalius</i>	Arabian Jird	2.00	100	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Meriones</i>	<i>chengi</i>	Cheng's Jird, Cheng's Gerbil	2.00	100	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Meriones</i>	<i>crassus</i>	Sundevall's Jird	1.90	80	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>dahli</i>	Dahl's Jird	2.00	100	extant	Future	NA	EN	
EA	Rodentia	Muridae	<i>Meriones</i>	<i>hurrianae</i>	Indian Desert Gerbil, Indian Desert Jird	1.85	70	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>libycus</i>	Libyan Jird	1.96	91	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>meridianus</i>	Mid-day Gerbil, Mid-day Jird	1.79	62	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>persicus</i>	Persian Jird	2.00	100	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>rex</i>	King Jird	2.10	125	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>sacramenti</i>	Buxton's Jird	2.30	200	extant	Future	NA	VU	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>tamariscinus</i>	Tamarisk Gerbil, Tamarisk Jird, TAMARISK JIRD	2.08	120	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>tristrami</i>	Tristram's Jird	2.02	105	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>unguiculatus</i>	Mongolian Gerbil, Mongolian Jird	1.73	53	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>vinogradovi</i>	Vinogradov's Jird	2.18	150	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Meriones</i>	<i>zarudnyi</i>	Zarundny's Jird	1.92	82	extant	0	NA	DD	frug/browse
EA	Rodentia	Muridae	<i>Micromys</i>	<i>minutus</i>	Eurasian Harvest Mouse, Harvest Mouse	0.78	6	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Microtus</i>	<i>arvalis</i>	Common Vole	2.07	119	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Microtus</i>	<i>clarkei</i>	Clarke's Vole	2.07	119	extant	0	NA	LC	browse/frug

EA	Rodentia	Muridae	<i>Microtus</i>	<i>daghestanicus</i>	Daghestan Pine Vole, Caucasus Pine Vole	2.07	119	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Microtus</i>	<i>hyperborus</i>		2.07	119	extant	0	NA		browse/frug
EA	Rodentia	Muridae	<i>Microtus</i>	<i>ilaeus</i>	Kazakhstan Vole, Tien Shan Vole	2.07	119	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Microtus</i>	<i>levis</i>	East European Vole, Sibling Vole	1.57	37	extant	0	NA	LC	graze/browse
EA	Rodentia	Muridae	<i>Microtus</i>	<i>middendorffi</i>	Middendorff's Vole	2.07	119	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Microtus</i>	<i>transcaspicus</i>	Baluchistan Vole, Middle East Vole, Transcaspian Vole	2.07	119	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Millardia</i>	<i>gleadowi</i>	Sand-coloured Metad, Sand-colored Soft- furred Rat	1.49	31	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Millardia</i>	<i>kathleenae</i>	Burmese Metad, Miss Ryley's Soft-furred Rat	1.97	93	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Millardia</i>	<i>kondana</i>	Kondana Rat, Kondana Soft-furred Rat, Large Metad	2.17	147	extant	Future	NA	CR	sect/frug/brov
EA	Rodentia	Muridae	<i>Millardia</i>	<i>meltada</i>	Soft-furred Metad, Soft- furred Field Rat, Soft- furred Rat	1.85	70	extant	0	NA	LC	sect/frug/brov
EA	Rodentia	Muridae	<i>Mus</i>	<i>booduga</i>	Common Indian Field Mouse, Little Indian Field Mouse	1.10	13	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>caroli</i>	Ryukyu Mouse, Ricefield Mouse	1.05	11	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>cervicolor</i>	Fawn-colored Mouse	1.25	18	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>cookii</i>	Cook's Mouse, Ryley's Spiny Mouse	1.31	20	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>famulus</i>	Bonhote's Mouse, Servant Mouse	1.36	23	extant	Future	NA	EN	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>macedonicus</i>	Macedonian Mouse, Balkan Short-tailed Mouse	1.18	15	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>musculus</i>	House Mouse	1.18	15	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>pahari</i>	Gairdner's Shrewmouse, Sikkim Mouse	1.41	26	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>phillipsi</i>	Wroughton's Small Spiny Mouse, Phillips's Mouse	1.09	12	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>platythrix</i>	Brown Spiny Mouse, Flat-haired Mouse	1.40	25	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>saxicola</i>	Brown Spiny Mouse, Rock-loving Mouse	1.33	21	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>shortridgei</i>	Shortridge's Mouse, Shortridge's Mouse	1.54	35	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>spicilegus</i>	Mound-building Mouse, Steppe Mouse	1.15	14	extant	0	NA	LC	frug/browse

EA	Rodentia	Muridae	<i>Mus</i>	<i>spretus</i>	Algerian Mouse, Western Mediterranean Mouse, WESTERN MEDITERRANEAN MOUSE	1.11	13	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Mus</i>	<i>terricolor</i>	Earth-colored Mouse	0.95	9	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Myodes</i>	<i>glareolus</i>	Bank Vole	1.33	21	extant	0	NA	LC	Frug/browse
EA	Rodentia	Muridae	<i>Myodes</i>	<i>regulus</i>	Southern Red-backed Vole, Royal Vole, Korean Red-backed Vole	1.40	25	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Myodes</i>	<i>rufocanus</i>	Grey Red-backed Vole, GREY-SIDED VOLE, Gray Red-backed Vole	1.57	37	extant	0	NA	LC	Frug/browse
EA	Rodentia	Muridae	<i>Myodes</i>	<i>rutilus</i>	Northern Red-backed Vole, RED VOLE	1.44	28	extant	0	NA	LC	Frug/browse
EA	Rodentia	Muridae	<i>Myodes</i>	<i>shanseius</i>	Shanxi Red-backed Vole, Shansei Vole	1.40	25	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Myomyscus</i>	<i>yemeni</i>	Yemeni Mouse, Yemen White-footed Rat	1.61	41	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Myospalax</i>	<i>psilurus</i>				extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Neodon</i>	<i>irene</i>	Irene's Mountain Vole, Chinese Scrub Vole	1.65	45	extant	0	NA	LC	
EA	Rodentia	Muridae	<i>Neodon</i>	<i>juldaschi</i>	Juniper Vole	1.65	45	extant	0	NA	LC	frug/browse
EA	Rodentia	Muridae	<i>Neodon</i>	<i>leucurus</i>		1.65	45	extant	0	NA		
EA	Rodentia	Muridae	<i>Neodon</i>	<i>sikimensis</i>	Sikkim Vole	1.65	45	extant	0	NA	LC	browse/frug
EA	Rodentia	Muridae	<i>Nesokia</i>	<i>bunnii</i>	Bunn's Short-tailed Bandicoot Rat	2.25	178	extant	Future	NA	EN	
EA	Rodentia	Muridae	<i>Nesokia</i>	<i>indica</i>	Short-tailed Bandicoot Rat	2.25	178	extant	0	NA	LC	graze/frug
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>andersoni</i>	Anderson's Niviventer, Anderson's White- bellied Rat	2.17	147	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>brahma</i>	Brahma White-bellied Rat, Thomas' Chestnut Rat	1.99	97	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>confucianus</i>	Confucian Niviventer, Chinese White-bellied Rat	1.81	65	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>cremoriventer</i>	Sundaic Arboreal Niviventer, Dark-tailed Tree Rat	1.82	66	extant	Future	NA	VU	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>eha</i>	Little Himalayan Rat, Smoke-bellied Rat	1.73	54	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>excelsior</i>	Sichuan Niviventer, Large White-bellied Rat	2.01	102	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>fulvescens</i>	Chestnut White-bellied Rat	1.90	80	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>hinpoon</i>	Limestone Niviventer, Limestone Rat	1.79	61	extant	0	NA	DD	sect/frug/bro

EA	Rodentia	Muridae	<i>Niviventer</i>	<i>langbianis</i>	Lang Bian White-bellied Rat, Dark-tailed Rat	1.84	70	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>niviventer</i>	Himalayan White-bellied Rat, White-bellied Rat	2.00	100	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>rapit</i>	Montane Bornean Niviventer, Long-tailed Mountain Rat	1.94	87	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Niviventer</i>	<i>tenaster</i>	Indochinese Mountain Niviventer, Tenasserim White-bellied Rat	2.01	103	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Pithecheir</i>	<i>parvus</i>	Malay Peninsula Pithecheir, Malayan Tree Rat	2.03	106	extant	0	NA	DD	sect/frug/brow
EA	Rodentia	Muridae	<i>Psammomys</i>	<i>obesus</i>	Fat Sand Rat	2.17	150	extant	0	NA	LC	Browse
EA	Rodentia	Muridae	<i>Rattus</i>	<i>andamanensis</i>	Indochinese Forest Rat, Sikkim Rat	2.11	129	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>annandalei</i>	Annandale's Sundaic Rat, Annandale's Rat	2.30	198	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>argentiventer</i>	Ricefield Rat, Rice-field Rat	2.12	133	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>exulans</i>	Polynesian Rat	1.60	40	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>losea</i>	Losea Rat, Lesser Rice-field Rat	1.89	77	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>nitidus</i>	Himalayan Field Rat	2.13	134	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>norvegicus</i>	Brown Rat	2.55	357	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>osgoodi</i>	Osgood's Vietnamese Rat, Osgood's Rat	1.97	93	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>ranjinae</i>	Ranjini's Field Rat, Kerala Rat	2.08	120	extant	Future	NA	EN	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>rattus</i>	House Rat, Ship Rat, Roof Rat, Black Rat	2.25	178	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>tanezumi</i>	Oriental House Rat, Tanezumi Rat	1.94	87	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>tiomanicus</i>	Malaysian Field Rat, Malayan Field Rat	2.11	128	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rattus</i>	<i>turkestanicus</i>	Himalayan Ra	2.13	136	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Rhombomys</i>	<i>opimus</i>	Great Gerbil	2.16	144	extant	0	NA	LC	Browse/graze
EA	Rodentia	Muridae	<i>Sekeetamys</i>	<i>calurus</i>	Bushy-tailed Jird	1.74	55	extant	0	NA	LC	frug
EA	Rodentia	Muridae	<i>Spalax</i>	<i>leucodon</i>	Lesser Mole Rat, Lesser Blind Mole Rat	2.25	178	extant	0	NA	DD	Browse
EA	Rodentia	Muridae	<i>Spalax</i>	<i>nehringi</i>	Nehring's Blind Mole Rat	2.25	176	extant	0	NA	DD	Browse
EA	Rodentia	Muridae	<i>Sundamys</i>	<i>muelleri</i>	Möller's Sundamys, Möller's Giant Sunda Rat	2.52	334	extant	0	NA	LC	sect/frug/brow
EA	Rodentia	Muridae	<i>Tatera</i>	<i>indica</i>	Indian Gerbil	2.22	165	extant	0	NA	LC	frug/graze
EA	Rodentia	Muridae	<i>Typhlomys</i>	<i>cinereus</i>	Sort-furred Tree Mouse, Chinese Pygmy Dormouse, Chapa Pygmy Dormouse			extant	0	NA	LC	

EA	Rodentia	Muridae	<i>Vandeleuria</i>	<i>oleracea</i>	Asiatic Long-tailed Climbing Mouse, Indomalayan Vandeleuria	1.00	10	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Muridae	<i>Vernaya</i>	<i>fulva</i>	Vernay's Climbing Mouse, Red Climbing Mouse	1.40	25	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Myoxidae	<i>Dryomys</i>	<i>sichuanensis</i>	Sichuan Dormouse	1.48	30	extant	0	NA	DD	
EA	Rodentia	Myoxidae	<i>Myoxus</i>	<i>glis</i>	Edible Dormouse	2.10	125	extant	0	NA	LC	
EA	Rodentia	Platacanthomyidae	<i>Platacanthomys</i>	<i>lasiurus</i>	Malabar Spiny Dormouse, Malabar Spiny Tree Mouse, Spiny Tree Mouse	1.88	75	extant	Future	NA	VU	sect/frug/bro
EA	Rodentia	Platacanthomyidae	<i>Typhlomys</i>	<i>cinereus</i>	Sort-furred Tree Mouse, Chinese Pygmy Dormouse, Chapa Pygmy Dormouse	1.49	31	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Sciuridae	<i>Aeretes</i>	<i>melanopterus</i>	Northern Chinese Flying Squirrel, North Chinese Flying Squirrel, Groove-toothed Flying Squirrel			extant	Future	NA	NT	
EA	Rodentia	Sciuridae	<i>Aeromys</i>	<i>tephromelas</i>	Black Flying Squirrel, Large Black Flying Squirrel	3.10	1250	extant	0	NA	DD	Frug
EA	Rodentia	Sciuridae	<i>Belomys</i>	<i>pearsonii</i>	Hairy-footed Flying Squirrel	2.34	217	extant	0	NA	DD	Frug
EA	Rodentia	Sciuridae	<i>Biswamoyopterus</i>	<i>biswasi</i>	Namdapha Flying Squirrel, Namdapha Giant Flying Squirrel	3.21	1613	extant	Future	NA	CR	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>caniceps</i>	Grey-bellied Squirrel	2.41	257	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>erythraeus</i>	Pallas's Squirrel	2.45	280	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>finlaysonii</i>	Finlayson's Squirrel	2.44	278	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>inornatus</i>	Inornate Squirrel	2.51	325	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>nigrovittatus</i>	Black-striped Squirrel	2.31	202	extant	Future	NA	NT	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>notatus</i>	Plantain Squirrel	2.28	190	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>phayrei</i>	Phayre's Squirrel	2.43	269	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>prevostii</i>	Prevost's Squirrel	2.60	400	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>pygerythrus</i>	Hoary-bellied Squirrel, Irrawaddy Squirrel	2.40	252	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Callosciurus</i>	<i>quinquestriatus</i>	Anderson's Squirrel	2.44	273	extant	Future	NA	NT	
EA	Rodentia	Sciuridae	<i>Dremomys</i>	<i>lokriah</i>	Orange-bellied Himalayan Squirrel	2.36	227	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Dremomys</i>	<i>pernyi</i>	Perny's Long-nosed Squirrel, Servaline Genet	2.30	199	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Dremomys</i>	<i>pyrrhomerus</i>	Red-hipped Squirrel	2.32	209	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Dremomys</i>	<i>rufigenis</i>	Asian Red-cheeked Squirrel, Haussa Genet	2.30	200	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Eoglaucomys</i>	<i>fimbriatus</i>	Small Kashmir Flying Squirrel	2.71	510	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Eupetaurus</i>	<i>cinereus</i>	Woolly Flying Squirrel	3.40	2500	extant	Future	NA	EN	Frug

EA	Rodentia	Sciuridae	<i>Funambulus</i>	<i>layardi</i>	Layard's Palm Squirrel	2.14	137	extant	Future	NA	VU	
EA	Rodentia	Sciuridae	<i>Funambulus</i>	<i>palmarum</i>	Common Palm Squirrel, Indian Palm Squirrel, Three-striped Palm Squirrel	2.14	137	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Funambulus</i>	<i>pennantii</i>	Five-striped Palm Squirrel, Northern Palm Squirrel	2.30	200	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Funambulus</i>	<i>sublineatus</i>	Dusky-striped Squirrel, Dusky Palm Squirrel	1.85	71	extant	Future	NA	VU	Frug
EA	Rodentia	Sciuridae	<i>Funambulus</i>	<i>tristriatus</i>	Western Ghats Striped Squirrel, Western Ghats Squirrel, Jungle Striped Squirrel, Jungle Palm Squirrel	2.14	139	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Hylopetes</i>	<i>alboniger</i>	African Linsang, Particolored Flying Squirrel	2.41	255	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Hylopetes</i>	<i>baberi</i>	Small Kashmir Flying Squirrel	2.85	712	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Hylopetes</i>	<i>lepidus</i>	Gray-cheeked Flying Squirrel	1.70	50	extant	0	NA	DD	Frug
EA	Rodentia	Sciuridae	<i>Hylopetes</i>	<i>phayrei</i>	Indochinese Flying Squirrel, Phayre's Flying Squirrel	2.36	227	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Hylopetes</i>	<i>spadiceus</i>	Red-cheeked Flying Squirrel	1.70	50	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Iomys</i>	<i>horsfieldii</i>	Javanese Flying Squirrel	2.08	120	extant	0	NA	LC	browse/frug
EA	Rodentia	Sciuridae	<i>Lariscus</i>	<i>insignis</i>	Three-striped Ground Squirrel	2.30	200	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>baibacina</i>	Altai Marmot, Gray Marmot, Grey Marmot	3.88	7500	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>bobak</i>	Bobak Marmot	3.74	5500	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>camtschatica</i>	Black-capped Marmot	3.54	3500	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>caudata</i>	Long-tailed Marmot	3.64	4350	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>himalayana</i>	Himalayan Marmot, Karakoram Marmot	3.70	5000	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>marmota</i>	Alpine Marmot	3.30	2010	extant	0	NA	LC	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>menzbieri</i>	Menzbier's Marmot	3.51	3250	extant	Future	NA	VU	Graze
EA	Rodentia	Sciuridae	<i>Marmota</i>	<i>sibirica</i>	Mongolian Marmot, Siberian Marmot, Tarbagan Marmot	3.90	8000	extant	Future	NA	EN	Graze
EA	Rodentia	Sciuridae	<i>Menetes</i>	<i>berdmorei</i>	Indochinese Ground Squirrel	2.28	190	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Petaurillus</i>	<i>kinlochii</i>	Selangor Pygmy Flying Squirrel	1.60	40	extant	0	NA	DD	Ginsect
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>alborufus</i>	Red And White Giant Flying Squirrel	3.63	4290	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>elegans</i>	Spotted Giant Flying Squirrel, Grey-headed Flying Squirrel	2.98	954	extant	0	NA	LC	Frug/browse

EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>leucogenys</i>	Japanese Giant Flying Squirrel	3.31	2052	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>magnificus</i>	Hodgson's Giant Flying Squirrel	3.17	1476	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>nobilis</i>	Bhutan Giant Flying Squirrel, Gray's Giant Flying Squirrel, Noble Giant Flying Squirrel	3.43	2710	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>petaurista</i>	Common Giant Flying Squirrel, Red Giant Flying Squirrel	3.13	1335	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>philippensis</i>	Large Brown Flying Squirrel, Indian Giant Flying Squirrel	3.23	1700	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Petaurista</i>	<i>xanthotis</i>	Chinese Giant Flying Squirrel	3.28	1900	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Petinomys</i>	<i>fuscocapillus</i>	Travancore Flying Squirrel	2.90	795	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Sciuridae	<i>Petinomys</i>	<i>genibarbis</i>	Whiskered Flying Squirrel	2.04	110	extant	Future	NA	VU	Frug/browse
EA	Rodentia	Sciuridae	<i>Petinomys</i>	<i>setosus</i>	Temminck's Flying Squirrel	1.58	38	extant	Future	NA	VU	Frug/browse
EA	Rodentia	Sciuridae	<i>Petinomys</i>	<i>vordermanni</i>	Vordermann's Flying Squirrel	1.60	40	extant	Future	NA	VU	Frug/browse
EA	Rodentia	Sciuridae	<i>Pteromys</i>	<i>volans</i>	Russian Flying Squirrel, Siberian Flying Squirrel	2.20	158	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Pteromyscus</i>	<i>pulverulentus</i>	Smoky Flying Squirrel	2.60	400	extant	Future	NA	EN	Frug
EA	Rodentia	Sciuridae	<i>Ratufa</i>	<i>affinis</i>	Pale Giant Squirrel, Cream-coloured Giant Squirrel	3.05	1125	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Sciuridae	<i>Ratufa</i>	<i>bicolor</i>	Black Giant Squirrel, Malayan Giant Squirrel	3.31	2050	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Sciuridae	<i>Ratufa</i>	<i>indica</i>	Indian Giant Squirrel, Malabar Giant Squirrel	3.03	1060	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Ratufa</i>	<i>macroura</i>	Sri Lankan Giant Squirrel, Grizzled Giant Squirrel	3.11	1280	extant	Future	NA	NT	Frug/browse
EA	Rodentia	Sciuridae	<i>Rhinosciurus</i>	<i>laticaudatus</i>	Shrew-faced Squirrel	2.34	221	extant	Future	NA	NT	Ginsect/frug
EA	Rodentia	Sciuridae	<i>Sciurotamias</i>	<i>davidianus</i>	P_re David's Rock Squirrel	2.64	434	extant	0	NA	LC	Browse
EA	Rodentia	Sciuridae	<i>Sciurotamias</i>	<i>forresti</i>	Forrest's Rock Squirrel	2.64	434	extant	0	NA	LC	Browse
EA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>anomalus</i>	Caucasian Squirrel, Persian Squirrel	2.41	256	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>vulgaris</i>	Eurasian Red Squirrel, Red Squirrel	2.52	333	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Spermophilopsis</i>	<i>leptodactylus</i>	Long-clawed Ground Squirrel	2.78	600	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>alashanicus</i>	Alashan Ground Squirrel	2.54	350	extant	0	NA	LC	

EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>citellus</i>	European Ground Squirrel, European Squirrel, European Souslik	2.46	290	extant	Future	NA	VU	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>dauricus</i>	Daurian Ground Squirrel	2.21	161	extant	0	NA	LC	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>erythrogeomys</i>	Red-cheeked Ground Squirrel	2.54	350	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>fulvus</i>	Yellow Ground Squirrel	2.78	596	extant	0	NA	LC	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>major</i>	Russet Ground Squirrel	2.54	350	extant	0	NA	LC	
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>musicus</i>	Caucasian Mountain Ground Squirrel	2.54	350	extant	Future	NA	NT	
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>parryi</i>	Arctic Ground Squirrel	2.88	760	extant	0	NA	LC	Frug/browse
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>pygmaeus</i>	Little Ground Squirrel	2.13	136	extant	0	NA	LC	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>relictus</i>	Tien Shan Ground Squirrel	2.78	600	extant	0	NA	LC	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>suslicus</i>	Speckled Ground Squirrel, Spotted Souslik	2.40	252	extant	Future	NA	NT	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>undulatus</i>	Long-tailed Ground Squirrel	2.92	840	extant	0	NA	LC	Graze/frug
EA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>xanthopyrmnus</i>	Asia Minor Ground Squirrel	2.46	290	extant	Future	NA	NT	Graze/frug
EA	Rodentia	Sciuridae	<i>Sundasciurus</i>	<i>hippurus</i>	Horse-tailed Squirrel	2.70	500	extant	Future	NA	NT	Browse/frug
EA	Rodentia	Sciuridae	<i>Sundasciurus</i>	<i>lowii</i>	Low's Squirrel	1.95	90	extant	0	NA	LC	Browse/frug
EA	Rodentia	Sciuridae	<i>Sundasciurus</i>	<i>tenuis</i>	Slender Squirrel	1.88	75	extant	0	NA	LC	Browse/frug
EA	Rodentia	Sciuridae	<i>Tamias</i>	<i>sibiricus</i>	Siberian Chipmunk	1.93	85	extant	0	NA	LC	Frug
EA	Rodentia	Sciuridae	<i>Tamiops</i>	<i>maclellandi</i>	Himalayan Striped Squirrel	1.74	55	extant	0	NA	LC	Frug/insect
EA	Rodentia	Sciuridae	<i>Tamiops</i>	<i>maritimus</i>	Maritime Striped Squirrel	1.85	70	extant	0	NA	LC	Frug/insect
EA	Rodentia	Sciuridae	<i>Tamiops</i>	<i>rodolphei</i>	Cambodian Striped Squirrel	1.75	56	extant	0	NA	LC	Frug/insect
EA	Rodentia	Sciuridae	<i>Tamiops</i>	<i>swinhoei</i>	Swinhoe's Striped Squirrel	1.93	85	extant	0	NA	LC	Frug/insect
EA	Rodentia	Sciuridae	<i>Trogopterus</i>	<i>xanthipes</i>	Complex-toothed Flying Squirrel	2.87	745	extant	Future	NA	NT	Frug/insect
EA	Rodentia	Spalacidae	<i>Cannomys</i>	<i>badius</i>	Lesser Bamboo Rat, Bay Bamboo Rat	2.81	650	extant	0	NA	LC	owse (bambo
EA	Rodentia	Spalacidae	<i>Myospalax</i>	<i>aspalax</i>	False Zokor	2.35	225	extant	0	NA	LC	
EA	Rodentia	Spalacidae	<i>Myospalax</i>	<i>myospalax</i>	Siberian Zokor, Altai Zokor	2.35	225	extant	0	NA	LC	sect/frug/bro
EA	Rodentia	Spalacidae	<i>Myospalax</i>	<i>psilurus</i>	Transbaikal Zokor, Manchurian Zokor	2.35	225	extant	0	NA	LC	
EA	Rodentia	Spalacidae	<i>Rhizomys</i>	<i>pruinus</i>	Hoary Bamboo Rat	3.39	2450	extant	0	NA	LC	owse (bambo
EA	Rodentia	Spalacidae	<i>Rhizomys</i>	<i>sinensis</i>	Chinese Bamboo Rat	2.94	865	extant	0	NA	LC	owse (bambo
EA	Rodentia	Spalacidae	<i>Rhizomys</i>	<i>sumatrensis</i>	Indomalayan Bamboo Rat, Large Bamboo Rat	2.40	250	extant	0	NA	LC	owse (bambo
EA	Rodentia	Spalacidae	<i>Spalax</i>	<i>arenarius</i>	Sandy Mole Rat, SANDY MOLE RAT	2.72	520	extant	Future	NA	EN	Browse

EA	Rodentia	Spalacidae	<i>Spalax</i>	<i>giganteus</i>	Giant Blind Mole Rat, GIANT BLIND MOLE RAT, Giant Mole Rat, GIANT MOLE RAT, Russian Mole Rat, RUSSIAN MOLE RAT	2.69	495	extant	Future	NA	VU	
EA	Rodentia	Spalacidae	<i>Spalax</i>	<i>graecus</i>	Balkan Blind Mole Rat, Balkan Mole Rat, Bukovin Mole Rat	2.69	495	extant	Future	NA	NT	Browse/frug
EA	Rodentia	Spalacidae	<i>Spalax</i>	<i>microphthalmus</i>	Greater Blind Mole Rat, GREATER BLIND MOLE RAT, Greater Mole Rat, GREATER MOLE RAT	2.67	470	extant	0	NA	LC	Browse
EA	Rodentia	Spalacidae	<i>Spalax</i>	<i>zemni</i>	Podolian Mole Rat, Podolsk Mole Rat	2.69	495	extant	Future	NA	VU	
EA	Scandentia	Ptilocercidae	<i>Ptilocercus</i>	<i>lowii</i>	Pen-tailed Treeshrew, Pen-tailed Tree Shrew	1.63	43	extant	0	NA	LC	Ginsect/frug
EA	Scandentia	Tupaiaidae	<i>Anathana</i>	<i>elliotti</i>	Madras Treeshrew, Indian Tree Shrew, Madras Tree Shrew	2.20	160	extant	0	NA	LC	Ginsect/frug
EA	Scandentia	Tupaiaidae	<i>Dendrogale</i>	<i>murina</i>	Northern Smooth-tailed Treeshrew, Northern Smooth-tailed Tree Shrew	1.70	50	extant	0	NA	LC	Ginsect/frug
EA	Scandentia	Tupaiaidae	<i>Tupaia</i>	<i>belangeri</i>	Northern Treeshrew, Northern Tree Shrew	2.30	200	extant	0	NA	LC	Ginsect/frug
EA	Scandentia	Tupaiaidae	<i>Tupaia</i>	<i>glis</i>	Common Treeshrew, Common Tree Shrew	2.20	159	extant	0	NA	LC	Ginsect/frug
EA	Scandentia	Tupaiaidae	<i>Tupaia</i>	<i>minor</i>	Lesser Treeshrew, Pygmy Tree Shrew	1.85	70	extant	0	NA	LC	Ginsect/frug
EA	Soricomorpha	Soricidae	<i>Anourosorex</i>	<i>squamipes</i>	Mole-shrew, Chinese Mole Shrew, Chinese Short-tailed Shrew, Mole Shrew, Sichuan Burrowing Shrew	1.30	20	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Blarinella</i>	<i>quadraticauda</i>	Asiatic Short-tailed Shrew, Northern Short- tailed Shrew, Sichuan Short-tailed Shrew	1.10	13	extant	Future	NA	NT	Ginsect
EA	Soricomorpha	Soricidae	<i>Blarinella</i>	<i>wardi</i>	Burmese Short-tailed Shrew, Southern Short- tailed Shrew, Ward's Short-tailed Shrew	1.10	13	extant	0	NA	LC	
EA	Soricomorpha	Soricidae	<i>Chimarrogale</i>	<i>hantu</i>	Malayan Water Shrew, Hantu Water Shrew, Asiatic Water Shrew	1.74	55	extant	Future	NA	NT	Ginsect
EA	Soricomorpha	Soricidae	<i>Chimarrogale</i>	<i>himalayica</i>	Himalayan Water Shrew, Elegant Water Shrew	1.57	38	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Chimarrogale</i>	<i>styani</i>	Chinese Water Shrew, Styan's Water Shrew	1.41	26	extant	0	NA	LC	Ginsect

EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>arabica</i>	Arabian Shrew	1.11	13	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>armenica</i>	Armenian Shrew	1.11	13	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>attenuata</i>	Grey Shrew, Indochinese Shrew	1.15	14	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>dhofarensis</i>	Dhofarian Shrew	1.11	13	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>fuliginosa</i>	Southeast Asian Shrew	1.08	12	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>horsfieldii</i>	Horsefield's Shrew	0.70	5	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>lasiura</i>	Ussuri Shrew	1.17	15	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>leucodon</i>	Bicolored Shrew, Bicoloured White- toothed Shrew	0.99	10	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>malayana</i>	Malayan Shrew	1.11	13	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>monticola</i>	Sunda Shrew	0.82	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>pergrisea</i>	Pale Grey Shrew	1.00	10	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>pullata</i>	Kashmir White-toothed Shrew, Dusky Shrew	1.11	13	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>russula</i>	White-toothed Shrew, Greater White-toothed Shrew	1.00	10	extant	0	NA	LC	ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>serezkyensis</i>	Serezkaya Shrew	1.11	13	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>sibirica</i>	Siberian Shrew	1.11	13	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>suaveolens</i>	Lesser Shrew, Lesser White-toothed Shrew	0.73	5	extant	0	NA	LC	ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>susiana</i>	Iranian Shrew	1.11	13	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Crocidura</i>	<i>zarudnyi</i>	Zarudny's Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Diplomesodon</i>	<i>pulchellum</i>	Piebald Shrew	1.04	11	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Episoriculus</i>	<i>caudatus</i>	Hodgson's Brown- toothed Shrew	0.96	9	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Episoriculus</i>	<i>macrurus</i>	Arboreal Brown-toothed Shrew, Long-tailed Mountain Shrew	1.13	14	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Nectogale</i>	<i>elegans</i>	Elegant Water Shrew, Web-footed Water Shrew	1.51	33	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Neomys</i>	<i>anomalus</i>	Southern Water Shrew, Mediterranean Water Shrew, Miller's Water Shrew	1.20	16	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Neomys</i>	<i>fodiens</i>	Eurasian Water Shrew, Water Shrew, Northern Water Shrew	1.16	14	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>alpinus</i>	Alpine Shrew	0.89	8	extant	Future	NA	NT	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>araneus</i>	Common Shrew, Eurasian Shrew	1.00	10	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>asper</i>	Tien Shan Shrew	0.90	8	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>bedfordiae</i>	Lesser Stripe-backed Shrew, Lesser Striped Shrew	0.82	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>buchariensis</i>	Pamir Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>caecutiens</i>	Laxmann's Shrew, MASKED SHREW, Masked Shrew	0.73	5	extant	0	NA	LC	Ginsect

EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>camtschatica</i>	Kamchatcka Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>cansulus</i>	Gansu Shrew	0.83	7	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>coronatus</i>	Crowned Shrew, Millet's Shrew	0.98	10	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>cylindricauda</i>	Stripe-backed Shrew, Greater Stripe-backed Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>daphaenodon</i>	Large-toothed Siberian Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>excelsus</i>	Highland Shrew, Lofty Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>gracillimus</i>	Slender Shrew	0.70	5	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>granarius</i>	Iberian Shrew, Lagranja Shrew	0.80	6	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>isodon</i>	Even-toothed Shrew, TAIGA SHREW, Taiga Shrew	1.02	11	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>kozlovi</i>	Kozlov's Shrew	0.83	7	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>minutissimus</i>	Eurasian Least Shrew, Least Siberian Shrew, Miniscule Shrew, Least Shrew	0.43	3	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>minutus</i>	Eurasian Pygmy Shrew, Pygmy Shrew	0.65	5	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>mirabilis</i>	Ussuri Shrew	0.83	7	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>planiceps</i>	Kashmir Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>portenko</i>	Portenko's Shrew	0.83	7	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>raddei</i>	Radde's Shrew	1.00	10	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>roboratus</i>	Flat-skulled Shrew	0.96	9	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>samniticus</i>	Appenine Shrew	0.92	8	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>satunini</i>	Caucasian Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>sinalis</i>	Chinese Shrew, Dusky Shrew	0.97	9	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>thibetanus</i>	Tibetan Shrew	0.83	7	extant	0	NA	DD	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>tundrensis</i>	Tundra Shrew, TUNDRA SHREW	0.91	8	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>unguiculatus</i>	Long-clawed Shrew	1.00	10	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>volnuchini</i>	Caucasian Pygmy Shrew	0.83	7	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Soriculus</i>	<i>nigrescens</i>	Himalayan Shrew, Sikkim Large-clawed Shrew	1.15	14	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>dayi</i>	Day's Shrew	0.97	9	extant	Future	NA	EN	Ginsect
EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>etruscus</i>	Pygmy White-toothed Shrew, White-toothed Pygmy Shrew, Savi's Pygmy Shrew, Etruscan Shrew	0.37	2	extant	0	NA	LC	ginsect
EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>malayanus</i>	Malayan Pygmy Shrew	0.70	5	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>montanus</i>	Hill Shrew, Montane Shrew, Sri Lanka Highland Shrew	1.26	18	extant	Future	NA	VU	Ginsect

EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>murinus</i>	House Shrew, Asian House Shrew	1.83	68	extant	0	NA	LC	ginsect
EA	Soricomorpha	Soricidae	<i>Suncus</i>	<i>stoliczkanus</i>	Anderson's Shrew	0.97	9	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Desmana</i>	<i>moschata</i>	Russian Desman, RUSSIAN DESMAN	2.58	383	extant	Future	NA	VU	Ginsect
EA	Soricomorpha	Talpidae	<i>Euroscaptor</i>	<i>grandis</i>	Greater Chinese Mole	1.78	60	extant	0	NA	LC	
EA	Soricomorpha	Talpidae	<i>Euroscaptor</i>	<i>klossi</i>	Kloss's Mole, Kloss's Mole	1.78	60	extant	0	NA	LC	
EA	Soricomorpha	Talpidae	<i>Euroscaptor</i>	<i>longirostris</i>	Long-nosed Mole	1.78	60	extant	0	NA	LC	
EA	Soricomorpha	Talpidae	<i>Euroscaptor</i>	<i>micrura</i>	Himalayan Mole	1.78	60	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Euroscaptor</i>	<i>parvidens</i>	Small-toothed Mole	1.78	60	extant	0	NA	DD	
EA	Soricomorpha	Talpidae	<i>Galemys</i>	<i>pyrenaicus</i>	Pyrenean Desman	1.78	60	extant	Future	NA	VU	Ginsect
EA	Soricomorpha	Talpidae	<i>Mogera</i>	<i>wogura</i>	Japanese Mole, Large Japanese Mole	2.52	329	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Parascaptor</i>	<i>leucura</i>	White-tailed Mole, Indian Mole, Assamese Mole	1.66	46	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Scapanulus</i>	<i>oweni</i>	Gansu Mole	1.56	37	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Scaptochirus</i>	<i>moschatus</i>	Short-faced Mole	1.96	91	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Scaptonyx</i>	<i>fusicaudus</i>	Long-tailed Mole	1.29	19	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>altaica</i>	Siberian Mole	1.93	85	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>caeca</i>	Blind Mole, Mediterranean Mole	1.97	93	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>caucasica</i>	Caucasian Mole	1.95	90	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>europaea</i>	European Mole, Common Mole	1.89	77	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>levantis</i>	Levantine Mole, Levant Mole	1.95	90	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>occidentalis</i>	Iberian Mole	1.73	54	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>romana</i>	Roman Mole	1.97	93	extant	0	NA	LC	Ginsect
EA	Soricomorpha	Talpidae	<i>Talpa</i>	<i>stankovici</i>	Balkan Mole, BALKAN MOLE, Stankovic's Mole	1.92	83	extant	0	NA	LC	
EA	Soricomorpha	Talpidae	<i>Uropsilus</i>	<i>andersoni</i>	Anderson's Shrew Mole	1.20	16	extant	0	NA	DD	
EA	Soricomorpha	Talpidae	<i>Uropsilus</i>	<i>gracilis</i>	Gracile Shrew Mole	1.20	16	extant	0	NA	LC	
EA	Soricomorpha	Talpidae	<i>Uropsilus</i>	<i>investigator</i>	Inquisitive Shrew Mole	1.20	16	extant	0	NA	DD	
EA	Soricomorpha	Talpidae	<i>Uropsilus</i>	<i>soricipes</i>	Chinese Shrew Mole	1.20	16	extant	0	NA	LC	Ginsect
NA	Artiodactyla	Antilocapridae	<i>Antilocapra</i>	<i>americana</i>	Pronghorn, American Pronghorn, Mexican Pronghorn	4.66	46083	extant	0	NA	LC	graze/browse
NA	Artiodactyla	Antilocapridae	<i>Capromeryx</i>	<i>mexicana</i>	might be syn of C.minor	4.18	15000	extinct	TP	12	EX	graze/browse
NA	Artiodactyla	Antilocapridae	<i>Capromeryx</i>	<i>minor</i>		4.00	10000	extinct	TP	12	EX	graze/browse
NA	Artiodactyla	Antilocapridae	<i>Stockoceros</i>	<i>conklingi</i>		4.71	51000	extinct	TP	12	EX	graze/browse
NA	Artiodactyla	Antilocapridae	<i>Stockoceros</i>	<i>onusrosagris</i>		4.74	55000	extinct	TP	12	EX	graze/browse
NA	Artiodactyla	Antilocapridae	<i>Tetrameryx</i>	<i>shuleri</i>		4.78	60000	extinct	TP	12	EX	graze/browse
NA	Artiodactyla	Bovidae	<i>Bison</i>	<i>bison</i>	American Bison	5.76	579255	extant	Future	NA	NT	Graze
NA	Artiodactyla	Bovidae	<i>Bison</i>	<i>latifrons</i>		5.95	900000	extinct	TP	20	EX	graze
NA	Artiodactyla	Bovidae	<i>Bison</i>	<i>priscus</i>	steppe bison; LP? Replaced by B. latifrons?	5.95	900000	extinct	TP	12	EX	graze

	NA	Artiodactyla	Bovidae	<i>Bootherium</i>	<i>bombifrons</i>	Harlan's muskox, woodland muskox	5.63	423000	extinct	TP	11	EX	graze
	NA	Artiodactyla	Bovidae	<i>Euceratherium</i>	<i>collinum</i>	shrub-ox	5.65	450000	extinct	TP	11.5	EX	graze
	NA	Artiodactyla	Bovidae	<i>Oreamnos</i>	<i>americanus</i>	Mountain Goat, Rocky Mountain Goat	4.86	72500	extant	0	NA	LC	graze/browse
	NA	Artiodactyla	Bovidae	<i>Oreamnos</i>	<i>harringtoni</i>	Harrington's mountain goat	4.88	75000	extinct	TP	11	EX	graze/browse
	NA	Artiodactyla	Bovidae	<i>Ovibos</i>	<i>moschatus</i>	Muskox, Musk Ox	5.57	368502	extant	0	NA	LC	Graze
	NA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>canadensis</i>	Bighorn Sheep, Mountain Sheep	4.87	74645	extant	0	NA	LC	Graze
	NA	Artiodactyla	Bovidae	<i>Ovis</i>	<i>dalli</i>	Thinhorn Sheep, Dall's Sheep	4.75	55651	extant	0	NA	LC	Graze
	NA	Artiodactyla	Bovidae	<i>Saiga</i>	<i>spp.</i>		4.70	50000	extinct	TP	NA	EX	graze
	NA	Artiodactyla	Camelidae	<i>Camelops</i>	<i>hesternus</i>		6.04	1100000	extinct	TP	11	EX	graze/browse
	NA	Artiodactyla	Camelidae	<i>Camelops</i>	<i>huerfanensis</i>		5.85	700000	extinct	TP	12	EX	graze/browse
	NA	Artiodactyla	Camelidae	<i>Hemiauchenia</i>	<i>macrocephala</i>	large-headed llama	5.04	110000	extinct	TP	11	EX	graze
	NA	Artiodactyla	Camelidae	<i>Palaeolama</i>	<i>mirifica</i>	stout-legged llama	5.35	223000	extinct	TP	11	EX	browse
	NA	Artiodactyla	Cervidae	<i>Alces</i>	<i>alces</i>	Moose, Elk, Eurasian Moose, European Elk, Eurasian Elk, Siberian Elk	5.56	358996	extant	0	NA	LC	Browse
	NA	Artiodactyla	Cervidae	<i>Cervalces</i>	<i>scotti</i>	stag moose	5.80	632000	extinct	TP	11	EX	browse
	NA	Artiodactyla	Cervidae	<i>Cervus</i>	<i>elaphus</i>	Red Deer, Bactrian Wapiti, Bokharan Deer, Bukhara Red Deer, Elk, Bactrian Deer, Wapiti, Bactrian Red Deer	5.34	217751	extant	0	NA	LC	Browse
	NA	Artiodactyla	Cervidae	<i>Cervus</i>	<i>whitneyi</i>		5.20	157500	extinct	TP	12	EX	browse
	NA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>americana</i>	Red Brocket	4.36	22800	extant	0	NA	DD	Browse
	NA	Artiodactyla	Cervidae	<i>Navahoceros</i>	<i>fricki</i>	American mountain deer	5.40	250000	extinct	TP	11	EX	browse
	NA	Artiodactyla	Cervidae	<i>Odocoileus</i>	<i>hemionus</i>	Mule Deer, Black-tailed Deer, Cedros Island Mule Deer, Cedros Island Black-tailed Deer	4.73	54213	extant	0	NA	LC	Browse
	NA	Artiodactyla	Cervidae	<i>Odocoileus</i>	<i>virginianus</i>	White-tailed Deer, Key Deer, Key Deer Toy Deer	4.74	55509	extant	0	NA	LC	Browse
	NA	Artiodactyla	Cervidae	<i>Rangifer</i>	<i>tarandus</i>	Reindeer, Caribou, Peary Caribou	4.93	86034	extant	Future	NA	VU	graze/browse
	NA	Artiodactyla	Tayassuidae	<i>Mylohyus</i>	<i>nasutus</i>	long-nosed peccary	4.88	75000	extinct	TP	10	EX	browse
	NA	Artiodactyla	Tayassuidae	<i>Pecari</i>	<i>tajacu</i>	Collared Peccary	4.33	21267	extant	0	NA	LC	Frug/browse
	NA	Artiodactyla	Tayassuidae	<i>Platygonus</i>	<i>compressus</i>	flat headed peccary	5.13	135000	extinct	TP	11	EX	browse
c	NA	Artiodactyla	Tayassuidae	<i>Platygonus</i>	<i>vetus</i>	m1 14.4 x 12.1; Lg Body Mass (g) = 3.2 *(lg 14.4) + 2.694=11.229	4.88	75282	extinct	TP	12	EX	browse
	NA	Artiodactyla	Tayassuidae	<i>Tayassu</i>	<i>pecari</i>	White-lipped Peccary	4.51	32234	extant	Future	NA	VU	Frug/browse
	NA	Carnivora	Canidae	<i>Canis</i>	<i>dirus</i>		4.81	65000	extinct	TP	12	EX	carn
	NA	Carnivora	Canidae	<i>Canis</i>	<i>latrans</i>	Coyote	4.13	13406	extant	0	NA	LC	Carn
	NA	Carnivora	Canidae	<i>Canis</i>	<i>lupus</i>	Wolf	4.63	42750	extant	0	NA	LC	Carn

NA	Carnivora	Canidae	<i>Cuon</i>	<i>alpinus</i>	Dhole, Red Dog, Indian Wild Dog, Asiatic Wild Dog	4.23	17000	extinct	TP	12	EX	carn
NA	Carnivora	Canidae	<i>Urocyon</i>	<i>cinereoargenteus</i>	Tree Fox, Gray Fox	3.58	3834	extant	0	NA	LC	Carn
NA	Carnivora	Canidae	<i>Urocyon</i>	<i>littoralis</i>	Island Fox, California Channel Island Fox, Channel Islands Fox, Island Gray Fox, Island Grey Fox	3.28	1896	extant	Future	NA	NT	carn/frug
NA	Carnivora	Canidae	<i>Vulpes</i>	<i>lagopus</i>	Arctic Fox, Polar Fox	3.54	3450	extant	0	NA	LC	Carn
NA	Carnivora	Canidae	<i>Vulpes</i>	<i>velox</i>	Swift Fox	3.34	2198	extant	0	NA	LC	Carn
NA	Carnivora	Canidae	<i>Vulpes</i>	<i>vulpes</i>	Red Fox, Silver Fox, Cross Fox	3.62	4132	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Felis</i>	<i>amnicola</i>		3.70	5000	extinct	TP	11	EX	carn
NA	Carnivora	Felidae	<i>Herpailurus</i>	<i>yaguarondi</i>	Jaguarundi, Eyra Cat	3.95	9000	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Homotherium</i>	<i>serum</i>		5.28	189000	extinct	TP	11	EX	carn
NA	Carnivora	Felidae	<i>Leopardus</i>	<i>pardalis</i>	Ocelot	4.08	11900	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Leopardus</i>	<i>tigrinus</i>	Oncilla, Little Spotted Cat, Tiger Cat, Little Tiger Cat	3.35	2250	extant	Future	NA	VU	Carn
NA	Carnivora	Felidae	<i>Leopardus</i>	<i>wiedii</i>	Margay, Tree Ocelot	3.51	3250	extant	Future	NA	NT	Carn
NA	Carnivora	Felidae	<i>Lynx</i>	<i>canadensis</i>	Canada Lynx, American Lynx	3.97	9373	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Lynx</i>	<i>rufus</i>	Bobcat, Bay Lynx	3.95	8904	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Miracinonyx</i>	<i>trumani</i>		4.94	88000	extinct	TP	11	EX	carn
NA	Carnivora	Felidae	<i>Panthera</i>	<i>leo</i>	Lion, African Lion	5.64	433200	extinct	TP	11	EX	carn
NA	Carnivora	Felidae	<i>Panthera</i>	<i>onca</i>	Jaguar	5.00	100000	extant	Future	NA	NT	Carn
NA	Carnivora	Felidae	<i>Puma</i>	<i>concolor</i>	Puma, Mountain Lion, Cougar, Red Tiger, Deer Tiger	4.71	51600	extant	0	NA	LC	Carn
NA	Carnivora	Felidae	<i>Smilodon</i>	<i>fatalis</i>	saber-toothed cat	5.60	400000	extinct	TP	11	EX	carn
NA	Carnivora	Mephitidae	<i>Conepatus</i>	<i>leuconotus</i>	American Hog-nosed Skunk, White-backed Hog-nosed Skunk, Eastern Hog-nosed Skunk	3.54	3500	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Mephitidae	<i>Conepatus</i>	<i>semistriatus</i>	Striped Hog-nosed Skunk, Amazonian Hog-nosed Skunk	3.08	1200	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Mephitidae	<i>Mephitis</i>	<i>macroura</i>	Hooded Skunk	2.90	801	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Mephitidae	<i>Mephitis</i>	<i>mephitis</i>	Striped Skunk	3.32	2085	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Mephitidae	<i>Spilogale</i>	<i>putorius</i>	Eastern Spotted Skunk, Plains Spotted Skunk, Allegheny Spotted Skunk, Appalachian Spotted Skunk, Spotted Skunk	2.53	341	extant	Future	NA	VU	carn/frug
NA	Carnivora	Mephitidae	<i>Spilogale</i>	<i>pygmaea</i>	Pygmy Spotted Skunk	2.37	235	extant	Future	NA	VU	carn/frug
NA	Carnivora	Mustelidae	<i>Brachyprotoma</i>	<i>obtusata</i>	short-faced skunk	3.65	4500	extinct	TP	12	EX	ginsect/frug

NA	Carnivora	Mustelidae	<i>Conepatus</i>	<i>leuconotus</i>	American Hog-nosed Skunk, White-backed Hog-nosed Skunk, Eastern Hog-nosed Skunk	3.30	2010	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Mustelidae	<i>Eira</i>	<i>barbara</i>	Tayra, Greyheaded Tayra	3.59	3910	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Enhydra</i>	<i>lutris</i>	Sea Otter	4.37	23500	extant	Future	NA	EN	invert
NA	Carnivora	Mustelidae	<i>Galictis</i>	<i>vittata</i>	Greater Grison	3.51	3200	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Gulo</i>	<i>gulo</i>	Wolverine	4.16	14525	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Lontra</i>	<i>canadensis</i>	North American River Otter, Northern River Otter, North American Otter	3.91	8087	extant	0	NA	LC	piscivore
NA	Carnivora	Mustelidae	<i>Lontra</i>	<i>longicaudis</i>	Neotropical Otter, La Plata Otter, Neotropical River Otter, South American River Otter, Long-tailed Otter	3.82	6555	extant	Future	NA	NT	piscivore
NA	Carnivora	Mustelidae	<i>Martes</i>	<i>americana</i>	American Marten, American Pine Marten	3.10	1250	extant	0	NA	LC	carn/frug
NA	Carnivora	Mustelidae	<i>Martes</i>	<i>pennanti</i>	Fisher	3.60	4000	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Mustela</i>	<i>erminea</i>	Stoat, Ermine, Short-tailed Weasel	1.85	70	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Mustela</i>	<i>frenata</i>	Long-tailed Weasel	2.17	147	extant	0	NA	LC	Carn
NA	Carnivora	Mustelidae	<i>Mustela</i>	<i>nigripes</i>	Black-footed Ferret	2.93	850	extant	Future	NA	EN	Carn
NA	Carnivora	Mustelidae	<i>Mustela</i>	<i>nivalis</i>	Least Weasel, Weasel	1.67	47	extant	0	NA	LC	Carn
NA	CARNIVORA	MUSTELIDAE	<i>Neovison</i>	<i>macrodon</i>	Sea Mink	2.98	945	extinct	Holocene	NA	EX	Carn
NA	Carnivora	Mustelidae	<i>Neovison</i>	<i>vison</i>	American Mink	2.98	945	extant	0	NA	LC	Carn/piscivore
NA	Carnivora	Mustelidae	<i>Taxidea</i>	<i>taxus</i>	American Badger	3.85	7108	extant	0	NA	LC	Carn
NA	Carnivora	Procyonidae	<i>Bassaricyon</i>	<i>gabbii</i>	Northern Olingo	3.10	1250	extant	0	NA	LC	Frug/ginsect
NA	Carnivora	Procyonidae	<i>Bassariscus</i>	<i>astutus</i>	Ringtail	3.05	1130	extant	0	NA	LC	carn/ginsect
NA	Carnivora	Procyonidae	<i>Bassariscus</i>	<i>sumichrasti</i>	Cacomistle, Central American Cacomistle	2.95	900	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Procyonidae	<i>Nasua</i>	<i>narica</i>	White-nosed Coati, Coatimundi	3.61	4030	extant	0	NA	LC	ug/ginsect/ca
NA	Carnivora	Procyonidae	<i>Nasua</i>	<i>nasua</i>	South American Coati	3.58	3794	extant	0	NA	LC	Ginsect/carn
NA	Carnivora	Procyonidae	<i>Potos</i>	<i>flavus</i>	Kinkajou	3.48	3000	extant	0	NA	LC	Frug
NA	Carnivora	Procyonidae	<i>Procyon</i>	<i>lotor</i>	Northern Raccoon	3.74	5525	extant	0	NA	LC	invert/piscivore
NA	Carnivora	Procyonidae	<i>Procyon</i>	<i>pygmaeus</i>	Pygmy Raccoon, Cozumel Raccoon Bear, Cozumel Raccoon, Cozumel Island Raccoon	3.40	2500	extant	Future	NA	CR	invert/piscivore
NA	Carnivora	Ursidae	<i>Arctodus</i>	<i>pristinus</i>		5.48	300000	extinct	TP	11	EX	carn
NA	Carnivora	Ursidae	<i>Arctodus</i>	<i>simus</i>		5.86	720000	extinct	TP	11	EX	carn
NA	Carnivora	Ursidae	<i>Tremarctos</i>	<i>floridanus</i>	Florida spectacled bear	5.18	150000	extinct	TP	11	EX	browse
NA	Carnivora	Ursidae	<i>Ursus</i>	<i>americanus</i>	American Black Bear	5.00	99949	extant	0	NA	LC	frug/carn
NA	Carnivora	Ursidae	<i>Ursus</i>	<i>arctos</i>	Brown Bear, Grizzly Bear	5.14	139441	extant	0	NA	LC	frug/carn
NA	Carnivora	Ursidae	<i>Ursus</i>	<i>maritimus</i>	Polar Bear	5.55	352501	extant	Future	NA	VU	Carn

NA	Cingulata	Dasypodidae	<i>Cabassous</i>	<i>centralis</i>	Northern Naked-tailed Armadillo	3.58	3810	extant	0	NA	DD	Ginsect
NA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>bellus</i>	beautiful armadillo	4.65	45000	extinct	TP	11	EX	
NA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>novemcinctus</i>	Nine-banded Armadillo, Common Long-nosed Armadillo	3.62	4204	extant	0	NA	LC	Ginsect/carn
NA	Cingulata	Dasypodidae	<i>Holmesi</i>	<i>septentriolis</i>		5.40	250000	extinct	TP	11	EX	browse
NA	Cingulata	Glyptodontidae	<i>Glyptotherium</i>	<i>floridanum</i>		6.04	1100000	extinct	TP	12	EX	browse
NA	Cingulata	Glyptodontidae	<i>Glyptotherium</i>	<i>mexicanum</i>		6.04	1100000	extinct	TP	NA	EX	browse
NA	Didelphimorphia	Didelphidae	<i>Caluromys</i>	<i>derbianus</i>	Central American Woolly Opossum, Derby's Woolly Opossum	2.47	297	extant	0	NA	LC	;/browse/gins
NA	Didelphimorphia	Didelphidae	<i>Chironectes</i>	<i>minimus</i>	Water Opossum, Yapok	2.98	946	extant	0	NA	LC	invert/piscivori
NA	Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>marsupialis</i>	Common Opossum, Southern Opossum, Black-eared Opossum	3.04	1091	extant	0	NA	LC	carn/frug
NA	Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>virginiana</i>	Virginia Opossum	3.34	2195	extant	0	NA	LC	carn/frug
NA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>mexicana</i>	Mexican Mouse Opossum	1.69	49	extant	0	NA	LC	ginsect/frug
NA	Didelphimorphia	Didelphidae	<i>Micoureus</i>	<i>alstoni</i>	Alston's Woolly Mouse Opossum	2.12	132	extant	0	NA	LC	ginsect/frug
NA	Didelphimorphia	Didelphidae	<i>Philander</i>	<i>opossum</i>	Gray Four-eyed Opossum, Guaiaki	2.88	750	extant	0	NA	LC	Carn
NA	Didelphimorphia	Didelphidae	<i>Tlacuatzin</i>	<i>canescens</i>	Grayish Mouse Opossum	1.78	60	extant	0	NA	LC	ginsect/frug
NA	Lagomorpha	Leporidae	<i>Aztlanolagus</i>	<i>agilis</i>		3.30	2000	extinct	TP	10	EX	browse
NA	Lagomorpha	Leporidae	<i>Brachylagus</i>	<i>idahoensis</i>	Pygmy Rabbit	2.54	350	extant	0	NA	LC	browse
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>alleni</i>	Antelope Jackrabbit	3.57	3685	extant	0	NA	LC	Browse/graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>americanus</i>	Snowshoe Hare, Snowshoe Rabbit, Varying Hare	3.23	1710	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>arcticus</i>	Arctic Hare	3.64	4405	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>californicus</i>	Black-tailed Jackrabbit	3.38	2422	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>callotis</i>	White-sided Jackrabbit	3.40	2500	extant	Future	NA	NT	Graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>flavigularis</i>	Tehuantepec Jackrabbit, Tropical Hare, Tehuantepec Jack Rabbit, Tehuantepec Hare	3.48	3000	extant	Future	NA	EN	Browse
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>othus</i>	Alaskan Hare	3.68	4806	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Lepus</i>	<i>townsendii</i>	White-tailed Jackrabbit	3.19	1555	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Romerolagus</i>	<i>diazii</i>	Volcano Rabbit	2.68	477	extant	Future	NA	EN	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>aquaticus</i>	Swamp Rabbit	3.33	2136	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>audubonii</i>	Desert Cottontail, Audubon's Cottontail	2.95	890	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>bachmani</i>	Brush Rabbit, Riparian Brush Rabbit	2.81	643	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>brasiliensis</i>	Tapeti, Forest Rabbit	2.98	950	extant	0	NA	LC	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>cunicularius</i>	Mexican Cottontail	3.48	3000	extant	0	NA	LC	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>dicei</i>	Dice's Cottontail	3.14	1378	extant	0	NA	DD	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>floridanus</i>	Eastern Cottontail	3.07	1173	extant	0	NA	LC	Graze

NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>graysoni</i>	Tres Marias Cottontail, Tres Marias Rabbit	2.98	964	extant	Future	NA	EN	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>insonus</i>	Omilteme Cottontail, Omiltemi Rabbit	3.48	3000	extant	Future	NA	EN	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>leonensis</i>		3.18	1500	extinct	TP	NA	EX	browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>nuttallii</i>	Mountain Cottontail, Nuttall's Cottontail	2.88	755	extant	0	NA	LC	Graze
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>palustris</i>	Marsh Rabbit, Lower Keys Rabbit, Lower Keys Marsh Rabbit, Key Rabbit	3.18	1500	extant	0	NA	LC	Browse
NA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>transitionalis</i>	New England Cottontail, Wood Rabbit	2.82	657	extant	Future	NA	VU	Graze
NA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>collaris</i>	Collared Pika	2.11	129	extant	0	NA	LC	Graze
NA	Lagomorpha	Ochotonidae	<i>Ochotona</i>	<i>princeps</i>	American Pika, Little Chief Hare, Cony, Rock Rabbit, Whistling Hare	2.20	158	extant	0	NA	LC	Graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>alaskae</i>		5.57	372000	extinct	TP	11	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>caballas</i>		5.81	648000	extinct	TP	NA	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>complicatus</i>		5.60	400000	extinct	TP	11	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>conversidens</i>		5.49	306000	extinct	TP	11	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>giganteus</i>		5.60	400000	extinct	TP	11	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>mexicanus</i>		5.76	574000	extinct	TP	NA	EX	graze
NA	Perissodactyla	Equidae	<i>Equus</i>	<i>scotti</i>		5.74	555000	extinct	TP	11	EX	graze
NA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>bairdii</i>	Baird's Tapir, Central American Tapir	5.48	299999	extant	Future	NA	EN	Browse/graze
NA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>californicus</i>		5.60	400000	extinct	TP	11	EX	graze
NA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>copei</i>	Cope's tapir	5.50	317000	extinct	TP	NA	EX	graze
NA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>veroensis</i>		5.44	275000	extinct	TP	11	EX	graze
NA	Pilosa	Bradypodidae	<i>Bradypus</i>	<i>variegatus</i>	Brown-throated Sloth, Brown-throated Three-toed Sloth, Bolivian Three-toed Sloth	3.64	4335	extant	0	NA	LC	Browse
NA	Pilosa	Cyclopedidae	<i>Cyclopes</i>	<i>didactylus</i>	Silky Anteater, Pygmy Anteater	2.52	330	extant	0	NA	LC	Ginsect
NA	Pilosa	Megalonychidae	<i>Choloepus</i>	<i>hoffmanni</i>	Hoffmann's Two-toed Sloth	3.78	6000	extant	0	NA	LC	Browse
NA	Pilosa	Megalonychidae	<i>Megalonyx</i>	<i>jeffersonii</i>		5.78	600000	extinct	TP	11	EX	browse
NA	Pilosa	Megalonychidae	<i>Nothrotherium</i>	<i>shastense</i>				extinct	TP	12	EX	Browse
NA	Pilosa	Megatheriidae	<i>Eremotherium</i>	<i>laurillardi</i>		6.54	3500000	extinct	TP	11	EX	browse
NA	Pilosa	Megatheriidae	<i>Nothrotheriops</i>	<i>shastensis</i>	Shasta ground sloth	5.48	300000	extinct	TP	11	EX	browse
NA	Pilosa	Mylodontidae	<i>Paramylodon</i>	<i>harlani</i>	Harlan's ground sloth	6.20	1587000	extinct	TP	11	EX	browse
NA	Pilosa	Myrmecophagidae	<i>Myrmecophaga</i>	<i>tridactyla</i>	Giant Anteater	4.35	22333	extant	Future	NA	VU	Ginsect
NA	Pilosa	Myrmecophagidae	<i>Tamandua</i>	<i>mexicana</i>	Northern Tamandua	3.62	4210	extant	0	NA	LC	Ginsect
NA	Primates	Aotidae	<i>Aotus</i>	<i>lemurinus</i>	Colombian Night Monkey, Lemurine Night Monkey, Gray-bellied Night Monkey	2.94	873	extant	Future	NA	VU	Frug/browse

NA	Primates	Atelidae	<i>Alouatta</i>	<i>palliata</i>	Mantled Howler Monkey, South Pacific Blackish Howling Monkey, Ecuadorian Mantled Howling Monkey, Mantled Howler Yucat^n Black Howler Monkey, Mexican Black Howler Monkey, Guatemalan Black Howler Monkey, Guatemalan Howler, Guatemalan Howling Monkey, Lawrence's Howler Monkey, Guatemalan Black Howler, Black Howling Monkey Geoffroy's Spider Monkey, Black-handed Spider Monkey, Central American Spider Monkey, Central American Spider Monkey, Black-headed Spider Monkey, Mono Colorado	3.86	7275	extant	0	NA	LC	Browse/frug
NA	Primates	Atelidae	<i>Alouatta</i>	<i>pigra</i>	Guatemalan Howler, Guatemalan Howling Monkey, Lawrence's Howler Monkey, Guatemalan Black Howler, Black Howling Monkey Geoffroy's Spider Monkey, Black-handed Spider Monkey, Central American Spider Monkey, Central American Spider Monkey, Black-headed Spider Monkey, Mono Colorado	3.85	7000	extant	Future	NA	EN	Browse/frug
NA	Primates	Atelidae	<i>Ateles</i>	<i>geoffroyi</i>	Monkey, Central American Spider Monkey, Black-headed Spider Monkey, Mono Colorado	3.72	5285	extant	Future	NA	EN	Frug/browse
NA	Primates	Cebidae	<i>Cebus</i>	<i>capucinus</i>	white-headed capuchin Black-crowned Central American Squirrel Monkey, Central American Squirrel Monkey, Red-backed Squirrel Monkey	3.44	2733	extant	0	NA	LC	Frug/ginsect
NA	Primates	Cebidae	<i>Saimiri</i>	<i>oerstedii</i>	Monkey, Central American Squirrel Monkey, Red-backed Squirrel Monkey	2.44	279	extant	Future	NA	VU	Frug
NA	Proboscidea	Elephantidae	<i>Mammuthus</i>	<i>columbi</i>	Columbian mammoth	7.03	10800000	extinct	TP	11	EX	graze
NA	Proboscidea	Elephantidae	<i>Mammuthus</i>	<i>primigenius</i>	woolly mammoth	6.91	8200000	extinct	TP	11	EX	graze
NA	Proboscidea	Gomphotheriidae	<i>Cuvieronius</i>	<i>sp.</i>		6.70	5000000	extinct	TP	11	EX	browse
NA	Proboscidea	Mammutidae	<i>Mammut</i>	<i>americanum</i>		6.89	7800000	extinct	TP	10.5	EX	browse
NA	Rodentia	Agoutidae	<i>Cuniculus</i>	<i>paca</i>	Spotted Paca Mountain Beaver, Point Arena Mountain Beaver, Sewellel	3.90	8000	extant	0	NA	LC	Frug/browse
NA	Rodentia	Aplodontiidae	<i>Aplodontia</i>	<i>rufa</i>	American Beaver	3.00	1004	extant	0	NA	LC	Browse
NA	Rodentia	Castoridae	<i>Castor</i>	<i>canadensis</i>		4.34	21820	extant	0	NA	LC	Browse
NA	Rodentia	Castoridae	<i>Castoroides</i>	<i>ohioensis</i>		5.18	150000	extinct	TP	NA	EX	browse
NA	Rodentia	Cricetidae	<i>Arborimus</i>	<i>albipes</i>	White-footed Vole	1.36	23	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Arborimus</i>	<i>longicaudus</i>	Red Tree Vole	1.34	22	extant	Future	NA	NT	Browse
NA	Rodentia	Cricetidae	<i>Arborimus</i>	<i>pomo</i>	Sonoma Tree Vole, California Red Tree Mouse	1.51	33	extant	Future	NA	NT	Browse
NA	Rodentia	Cricetidae	<i>Baiomys</i>	<i>musculus</i>	Southern Pygmy Mouse	0.95	9	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Baiomys</i>	<i>taylori</i>	Northern Pygmy Mouse	0.90	8	extant	0	NA	LC	use/frug/gins

NA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>groenlandicus</i>	Neartic Collared Lemming, Northern Collared Lemming	1.74	54	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>hudsonius</i>	Ungava Collared Lemming, Labrador Collared Lemming	1.76	57	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>nelsoni</i>	Nelson's Collared Lemming, Nelson's Collared Lemming, Ungava Collared Lemming	1.80	63	extant	0	NA	LC	
NA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>nunatakensis</i>	Ogilvie Mountains Collared Lemming	1.80	63	extant	0	NA	LC	
NA	Rodentia	Cricetidae	<i>Dicrostonyx</i>	<i>richardsoni</i>	Richardson's Collared Lemming	1.74	55	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Habromys</i>	<i>chinanteco</i>	Chinanteco Deer Mouse	1.60	40	extant	Future	NA	CR	Frug/insect
NA	Rodentia	Cricetidae	<i>Habromys</i>	<i>lepturus</i>	Slender-tailed Deer Mouse, Slender Tailed Deer Mouse	1.93	85	extant	Future	NA	CR	Frug/insect
NA	Rodentia	Cricetidae	<i>Habromys</i>	<i>lophurus</i>	Crested-tailed Deer Mouse, Crested Tailed Deer Mouse	1.60	40	extant	Future	NA	NT	Frug/insect
NA	Rodentia	Cricetidae	<i>Habromys</i>	<i>simulatus</i>	Jico Deer Mouse	1.60	40	extant	Future	NA	EN	Frug/insect
NA	Rodentia	Cricetidae	<i>Hodomys</i>	<i>alleni</i>	Allen's Woodrat, Allen's Wood Rat	2.57	368	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Isthmomy</i>	<i>flavidus</i>	Yellow Isthmus Rat	2.37	234	extant	Future	NA	NT	Frug/insect
NA	Rodentia	Cricetidae	<i>Isthmomy</i>	<i>pirrensis</i>	Mt. Pirri Isthmus Rat	2.14	138	extant	0	NA	LC	Frug/insect
NA	Rodentia	Cricetidae	<i>Lemmys</i>	<i>curtatus</i>	Sagebrush Vole	1.45	28	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Lemmys</i>	<i>sibiricus</i>	Brown Lemming, BROWN LEMMING, Siberian Brown Lemming, SIBERIAN BROWN LEMMING	1.72	52	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Megadontomys</i>	<i>cryophilus</i>	Oaxaca Giant Deer Mouse, Oaxacan Giant Deer Mouse	2.05	111	extant	Future	NA	EN	Frug/insect
NA	Rodentia	Cricetidae	<i>Megadontomys</i>	<i>nelsoni</i>	Nelson's Giant Deer Mouse	2.05	111	extant	Future	NA	EN	Frug/insect
NA	Rodentia	Cricetidae	<i>Megadontomys</i>	<i>thomasi</i>	Thomas's Giant Deer Mouse	2.05	111	extant	Future	NA	EN	Frug/insect
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>californicus</i>	Amargosa Vole, California Vole	1.76	57	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>canicaudus</i>	Gray-tailed Vole	1.45	28	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>chrotorrhinus</i>	Rock Vole, Southern Rock Vole	1.59	39	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>guatemalensis</i>	Guatemalan Vole	1.62	42	extant	Future	NA	NT	3raze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>longicaudus</i>	Long-tailed Vole, San Bernardino Long-tailed Vole	1.67	47	extant	0	NA	LC	g/browse/graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>mexicanus</i>	Mexican Vole	1.54	35	extant	0	NA	LC	Graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>miurus</i>	Singing Vole	1.61	41	extant	0	NA	LC	Browse

NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>montanus</i>	Montane Vole, Pahranagat Valley	1.56	36	extant	0	NA	LC	Graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>oaxacensis</i>	Montane Vole	1.59	39	extant	Future	NA	EN	Graze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>ochrogaster</i>	Tarabundi Vole	1.58	38	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>oeconomus</i>	Prairie Vole	1.51	32	extant	0	NA	LC	Graze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>oregoni</i>	Root Vole, Tundra Vole	1.31	20	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>pennsylvanicus</i>	Creeping Vole	1.57	37	extant	0	NA	LC	Graze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>pinetorum</i>	Chihuahua Vole, Meadow Vole	1.42	26	extant	0	NA	LC	Browse/frug
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>quasiater</i>	Woodland Vole	1.60	40	extant	Future	NA	NT	Graze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>richardsoni</i>	Jalapan Pine Vole	1.93	85	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>townsendii</i>	Water Vole	1.81	65	extant	0	NA	LC	Browse/graze
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>umbrosus</i>	Townsend's Vole, Triangle Island Vole	1.62	42	extant	Future	NA	EN	Graze/browse
NA	Rodentia	Cricetidae	<i>Microtus</i>	<i>xanthognathus</i>	Zempoaltepec Vole	2.10	126	extant	0	NA	LC	Graze/frug
NA	Rodentia	Cricetidae	<i>Neacomys</i>	<i>pictus</i>	Taiga Vole	1.24	17	extant	0	NA	DD	
NA	Rodentia	Cricetidae	<i>Nelsonia</i>	<i>goldmani</i>	Painted Bristly Mouse	1.90	80	extant	Future	NA	EN	Browse
NA	Rodentia	Cricetidae	<i>Nelsonia</i>	<i>neotomodon</i>	Nelson And Coldman's Woodrat, Nelson And Goodman's Wood Rat	1.90	80	extant	Future	NA	NT	Browse
NA	Rodentia	Cricetidae	<i>Neofiber</i>	<i>alleni</i>	Diminutive Woodrat, Diminutive Wood Rat	2.42	266	extant	0	NA	LC	Graze/browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>albigula</i>	Round-tailed Muskrat	2.31	206	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>angustapalata</i>	White-throated Woodrat	2.30	198	extant	Future	NA	EN	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>chrysomelas</i>	Tamaulipan Woodrat	2.32	211	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>cinerea</i>	Nicaraguan Woodrat	2.48	299	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>devia</i>	Bushy-tailed Woodrat, Packrat, Bushy-tailed Woodrat, Woodrat	2.30	200	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>floridana</i>	Arizona Woodrat	2.39	245	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>fuscipes</i>	Eastern Woodrat, Key Largo Woodrat	2.36	230	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>goldmani</i>	Dusky-footed Woodrat, San Joaquin Valley Woodrat	2.30	198	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>lepida</i>	Goldman's Woodrat	2.21	164	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>mexicana</i>	Desert Woodrat	2.31	203	extant	0	NA	LC	browse/frug
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>micropus</i>	Mexican Woodrat	2.38	237	extant	0	NA	LC	Browse/frug
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>nelsoni</i>	Southern Plains Woodrat	2.30	198	extant	Future	NA	CR	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>palatina</i>	Nelson's Woodrat	2.30	198	extant	Future	NA	VU	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>phenax</i>	Bolano's Woodrat, Bola_os Woodrat	2.36	227	extant	Future	NA	NT	Browse
NA	Rodentia	Cricetidae	<i>Neotoma</i>	<i>stephensi</i>	Sonoran Woodrat	2.18	153	extant	0	NA	LC	Browse
NA	Rodentia	Cricetidae	<i>Neotomodon</i>	<i>alstoni</i>	Stephen's Woodrat	1.60	40	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Nyctomys</i>	<i>sumichrasti</i>	Mexican Volcano Mouse	1.69	49	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Ochrotomys</i>	<i>nuttalli</i>	Vesper Rat	1.35	22	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>fulvescens</i>	Golden Mouse	1.40	25	extant	0	NA	LC	Frug/ginsect
					Fulvous Pygmy Rice Rat							

NA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>vegetus</i>	Sprightly Pygmy Rice Rat	1.40	25	extant	0	NA	LC	
NA	Rodentia	Cricetidae	<i>Ondatra</i>	<i>zibethicus</i>	Muskrat	2.99	981	extant	0	NA	LC	Graze/carn
NA	Rodentia	Cricetidae	<i>Onychomys</i>	<i>arenicola</i>	Mearns's Grasshopper Mouse	1.48	30	extant	0	NA	LC	Ginsect/carn
NA	Rodentia	Cricetidae	<i>Onychomys</i>	<i>leucogaster</i>	Northern Grasshopper Mouse	1.45	28	extant	0	NA	LC	Ginsect/carn
NA	Rodentia	Cricetidae	<i>Onychomys</i>	<i>torridus</i>	Southern Grasshopper Mouse	1.40	25	extant	0	NA	LC	Ginsect/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>alfaroi</i>	Alfaro's Rice Rat	1.52	33	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>chapmani</i>		1.70	50	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>couesi</i>	Coues's Rice Rat	1.84	69	extant	0	NA	LC	invert
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>devius</i>	Boquete rice rat	1.75	57	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>dimidiatus</i>	Thomas's Rice Rat	1.75	57	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>melanotis</i>	Black-eared Rice Rat	1.70	50	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>palustris</i>	Marsh Rice Rat	1.73	54	extant	0	NA	LC	invert
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>rhabdops</i>	Striped Rice Rat	1.75	57	extant	Future	NA	VU	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>rostratus</i>		1.75	57	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>saturatior</i>		1.75	57	extant	Future	NA	NT	frug/carn
NA	Rodentia	Cricetidae	<i>Osgoodomys</i>	<i>banderanus</i>	Michoacan Deer Mouse	1.70	50	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Otonyctomys</i>	<i>hatti</i>	Hatt's Vesper Mouse, Hatt's Vesper Rat	1.56	36	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Otodylomys</i>	<i>phyllotis</i>	Big-eared Climbing Rat	2.08	120	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>attwateri</i>	Texas Deermouse, Texas Mouse	1.45	28	extant	0	NA	LC	;/browse/gin
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>aztecus</i>	Aztec Mouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>boyllii</i>	Brush Mouse	1.33	21	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>bullatus</i>	Perote Deer Mouse, Perote Mouse	1.60	40	extant	Future	NA	CR	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>californicus</i>	California Mouse	1.64	44	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>crinitus</i>	Canyon Mouse	1.25	18	extant	0	NA	LC	sect/frug/bro
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>difficilis</i>	Rock Mouse, Zacatecan Deer Mouse	1.45	28	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>eremicus</i>	Cactus Mouse	1.37	24	extant	0	NA	LC	;/ginsect/bro
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>eva</i>	Eva's Desert Mouse	1.34	22	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>furvus</i>	Blackish Deer Mouse	1.52	33	extant	0	NA	DD	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>gossypinus</i>	Cotton Deermouse, Cotton Mouse, Key Largo Cotton Mouse	1.47	29	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>grandis</i>	Big Deer Mouse, Large Deer Mouse	1.85	71	extant	Future	NA	NT	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>gratus</i>	Osgood's Mouse	1.44	27	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>guatemalensis</i>	Guatemalan Deer Mouse, Guatemalan Deermouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>gymnotis</i>	Naked-eared Deer Mouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>hooperi</i>	Hooper's Deer Mouse, Hooper's Mouse	1.56	36	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>leucopus</i>	White-footed Mouse	1.33	21	extant	0	NA	LC	sect/frug/bro

NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>levipes</i>	Nimble-footed Deer Mouse, Nimble-footed Mouse	1.56	36	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>maniculatus</i>	North American Deermouse, Deer Mouse	1.33	21	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>mayensis</i>	Maya Mouse, Mayan Deer Mouse	1.56	36	extant	Future	NA	CR	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>megalops</i>	Broad-faced Deer Mouse, Brown Deer Mouse	1.82	66	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>mekisturus</i>	Puebla Deer Mouse	1.78	60	extant	Future	NA	CR	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>melanocarpus</i>	Black-wristed Deer Mouse, Tempaltepec, Zempoaltepec	1.77	59	extant	Future	NA	EN	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>melanophrys</i>	Plateau Deer Mouse, Plateau Mouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>melanotis</i>	Black-eared Mouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>melanurus</i>	Black-tailed Deer Mouse, Black-tailed Mouse	1.60	40	extant	Future	NA	EN	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>merriami</i>	Mesquite Mouse	1.60	40	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>mexicanus</i>	Mexican Deer Mouse	1.51	33	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>nasutus</i>	Northern Rock Mouse	1.45	28	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>ochraventer</i>	El Carrizo Deer Mouse	1.60	40	extant	Future	NA	EN	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>pectoralis</i>	White-ankled Mouse	1.59	39	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>perfulvus</i>	Marsh Mouse, Tawny Deer Mouse	1.60	40	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>polionotus</i>	Beach Mouse, Choctawhatchee Beach Mouse, Oldfield Mouse	1.11	13	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>polius</i>	Chihuahuan Deer Mouse, Chihuahuan Mouse	1.60	40	extant	Future	NA	NT	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>simulus</i>	Nayarit Deer Mouse, Nayarit Mouse, Sinaloa Deer Mouse	1.60	40	extant	Future	NA	VU	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>spicilegus</i>	Gleaning Deer Mouse, Gleaning Mouse	1.56	36	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>stirtoni</i>	Stirton's Deer Mouse	1.47	29	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>truei</i>	Pinyon Mouse	1.44	27	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>winkelmani</i>	Coalcoman Deer Mouse, Winkelman's Deer Mouse, Coalcoman Deermouse, Winkelman's Mouse	1.73	54	extant	Future	NA	EN	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>yucatanicus</i>	Yucatan Deer Mouse	1.42	26	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Peromyscus</i>	<i>zarhynchus</i>	Chiapan Deer Mouse	1.60	40	extant	Future	NA	VU	ginsect/frug
NA	Rodentia	Cricetidae	<i>Phenacomys</i>	<i>intermedius</i>	Western Heather Vole	1.40	25	extant	0	NA	LC	Browse/frug
NA	Rodentia	Cricetidae	<i>Phenacomys</i>	<i>ungava</i>	Eastern Heather Vole	1.51	33	extant	0	NA	LC	Browse/frug
NA	Rodentia	Cricetidae	<i>Podomys</i>	<i>floridanus</i>	Florida Deermouse, Florida Mouse	1.49	31	extant	Future	NA	VU	Frug

NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>brevirostris</i>	Short-nosed Harvest Mouse	1.11	13	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>burti</i>	Sonoran Harvest Mouse	1.30	20	extant	0	NA	DD	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>chrysopsis</i>	Volcano Harvest Mouse	1.28	19	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>creper</i>	Chiriqui Harvest Mouse	1.36	23	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>fulvescens</i>	Fulvous Harvest Mouse	1.06	11	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>gracilis</i>	Slender Harvest Mouse	1.09	12	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>hirsutus</i>	Hairy Harvest Mouse	1.30	20	extant	Future	NA	VU	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>humulis</i>	Eastern Harvest Mouse	0.92	8	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>megalotis</i>	Southern Marsh Harvest Mouse, Western Harvest Mouse	0.97	9	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>mexicanus</i>	Mexican Harvest Mouse	1.28	19	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>microdon</i>	Small-toothed Harvest Mouse	1.30	20	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>montanus</i>	Plains Harvest Mouse	1.04	11	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>paradoxus</i>	Nicaraguan Harvest Mouse	1.19	15	extant	0	NA	DD	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>raviventris</i>	Salt-marsh Harvest Mouse	1.04	11	extant	Future	NA	EN	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>rodriguezi</i>	Rodriguez's Harvest Mouse	1.19	15	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>sumichrasti</i>	Sumichrast's Harvest Mouse	1.28	19	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>tenuirostris</i>	Narrow-nosed Harvest Mouse	1.30	20	extant	Future	NA	VU	Frug
NA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>zacatecae</i>	Zacatecas Harvest Mouse	1.19	15	extant	0	NA	LC	Frug
NA	Rodentia	Cricetidae	<i>Rheomys</i>	<i>mexicanus</i>	Mexican Water Mouse	1.60	40	extant	Future	NA	EN	invert
NA	Rodentia	Cricetidae	<i>Rheomys</i>	<i>thomasi</i>	Thomas's Water Mouse	1.60	40	extant	Future	NA	NT	invert
NA	Rodentia	Cricetidae	<i>Rheomys</i>	<i>underwoodi</i>	Underwood's Water Mouse	1.59	39	extant	0	NA	LC	invert
NA	Rodentia	Cricetidae	<i>Scotinomys</i>	<i>teguina</i>	Alston's Brown Mouse, Short-tailed Singing Mouse	1.05	11	extant	0	NA	LC	Ginsect
NA	Rodentia	Cricetidae	<i>Scotinomys</i>	<i>xerampelinus</i>	Chiriqui Brown Mouse, Long-tailed Singing Mouse	1.18	15	extant	0	NA	LC	Ginsect
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>alleni</i>	Allen's Cotton Rat	2.25	179	extant	Future	NA	VU	frug/carn
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>arizonae</i>	Arizona Cotton Rat, Colorado River Cotton Rat	2.30	198	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>fulviventer</i>	Tawny-bellied Cotton Rat	2.33	214	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>hispidus</i>	Hispid Cotton Rat	1.97	92	extant	0	NA	LC	3raze/browse
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>leucotis</i>	White-eared Cotton Rat	2.13	136	extant	0	NA	LC	frug/carn

NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>mascoensis</i>	Jaliscoan Cotton Rat, West Mexican Cotton Rat	2.08	120	extant	0	NA	LC	frug/carn
NA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>ochrognathus</i>	Yellow-nosed Cotton Rat	2.09	122	extant	0	NA	LC	graze/browse
NA	Rodentia	Cricetidae	<i>Sigmodontomys</i>	<i>alfari</i>	Alfaro's Rice Water Rat, Short-tailed Sigmodontomys	1.70	50	extant	0	NA	LC	Ginsect/frug
NA	Rodentia	Cricetidae	<i>Sigmodontomys</i>	<i>aphrastus</i>	Harris's Rice Water Rat, Long-tailed Sigmodontomys	1.85	71	extant	0	NA	DD	Ginsect/frug
NA	Rodentia	Cricetidae	<i>Synaptomys</i>	<i>borealis</i>	Northern Bog Lemming, Okanagan Bog Lemming	1.33	21	extant	0	NA	LC	graze/browse
NA	Rodentia	Cricetidae	<i>Synaptomys</i>	<i>cooperi</i>	Kansas Bog Lemming, Southern Bog Lemming	1.50	32	extant	0	NA	LC	graze/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>bullaris</i>	Chiapan Climbing Rat	2.45	280	extant	Future	NA	CR	Frug/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>fulviventer</i>	Fulvous-bellied Climbing Rat	2.34	217	extant	0	NA	DD	Frug/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>nudicaudus</i>	Peter's Climbing Rat, Peters's Climbing Rat	2.00	100	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>panamensis</i>	Panam^ Climbing Rat, Panamanian Climbing Rat	2.34	217	extant	0	NA	DD	Frug/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>tumbalensis</i>	Tumbal^ Climbing Rat, Tumbala Climbing Rat	2.45	280	extant	Future	NA	CR	Frug/browse
NA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>watsoni</i>	Watson's Climbing Rat	2.38	240	extant	0	NA	LC	Frug/browse
NA	Rodentia	Cricetidae	<i>Xenomys</i>	<i>nelsoni</i>	Magdalena Rat, Magdalena Wood Rat	2.11	130	extant	Future	NA	EN	Ginsect
NA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>mexicana</i>	Mexican Agouti	3.70	5000	extant	Future	NA	CR	Frug/browse
NA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>punctata</i>	Central American Agouti	3.43	2675	extant	0	NA	LC	Frug/browse
NA	Rodentia	Dipodidae	<i>Napaeozapus</i>	<i>insignis</i>	Woodland Jumping Mouse	1.35	22	extant	0	NA	LC	use/frug/ginsect
NA	Rodentia	Dipodidae	<i>Zapus</i>	<i>hudsonius</i>	Meadow Jumping Mouse	1.23	17	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Dipodidae	<i>Zapus</i>	<i>princeps</i>	Pacific Jumping Mouse	1.46	29	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Dipodidae	<i>Zapus</i>	<i>trinotatus</i>	Pacific Jumping Mouse, Point Reyes Jumping Mouse	1.44	28	extant	0	NA	LC	use/browse/ginsect
NA	Rodentia	Echimyidae	<i>Hoplomys</i>	<i>gymnurus</i>	Armored Rat	2.38	240	extant	0	NA	LC	Frug
NA	Rodentia	Erethizontidae	<i>Erethizon</i>	<i>dorsatum</i>		3.85	7085	extant	0	NA	LC	Browse/graze
NA	Rodentia	Erethizontidae	<i>Sphiggurus</i>	<i>mexicanus</i>	Mexican Hairy Dwarf Porcupine	3.30	2000	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>castanops</i>	Yellow-faced Pocket Gopher	2.40	252	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>fumosus</i>	Smoky Pocket Gopher	2.18	150	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>fumosus</i>	Smoky Pocket Gopher	2.18	150	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>gymnurus</i>	Smoky Pocket Gopher	2.78	600	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>merriami</i>	Merriam's Pocket Gopher, Merriam's Pocket Gopher	2.62	420	extant	0	NA	LC	Browse/frug

NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>tylorhinus</i>		2.40	249	extant	Future	NA		Browse/frug
NA	Rodentia	Geomyidae	<i>Cratogeomys</i>	<i>zinseri</i>		2.18	150	extant	0	NA		Browse/frug
NA	Rodentia	Geomyidae	<i>Geomys</i>	<i>arenarius</i>	Desert Pocket Gopher	2.31	206	extant	Future	NA	NT	Browse/graze
NA	Rodentia	Geomyidae	<i>Geomys</i>	<i>bursarius</i>	Plains Pocket Gopher	2.31	204	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Geomys</i>	<i>personatus</i>	Texas Pocket Gopher	2.60	397	extant	0	NA	LC	Browse/graze
					Cumberland Island Pocket Gopher, Southeastern Pocket Gopher							
NA	Rodentia	Geomyidae	<i>Geomys</i>	<i>pinetis</i>		1.93	85	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Geomys</i>	<i>tropicalis</i>	Tropical Pocket Gopher	2.54	350	extant	Future	NA	CR	Frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>cavator</i>	Chiriqui Pocket Gopher	2.81	650	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>cherriei</i>	Cherrie's Pocket Gopher	2.35	225	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>cuniculus</i>	Oaxacan Pocket Gopher	2.70	500	extant	0	NA	DD	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>grandis</i>	Giant Pocket Gopher	2.70	500	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>heterodus</i>	Variable Pocket Gopher	2.79	615	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>hispidus</i>	Hispid Pocket Gopher	2.70	500	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>lanius</i>	Big Pocket Gopher	2.70	500	extant	Future	NA	CR	Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>matagalpae</i>		2.67	464	extant	0	NA		Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>thaeleri</i>		2.67	464	extant	0	NA		Browse/frug
NA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>underwoodi</i>	Underwood's Pocket Gopher	2.40	250	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Pappogeomys</i>	<i>alcorni</i>	Alcorn's Pocket Gopher	2.18	150	extant	Future	NA	CR	Browse/frug
NA	Rodentia	Geomyidae	<i>Pappogeomys</i>	<i>bulleri</i>	Buller's Pocket Gopher	2.18	150	extant	0	NA	LC	Browse/frug
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>bottae</i>	Botta's Pocket Gopher	2.06	115	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>bulbivorus</i>	Camas Pocket Gopher	2.56	360	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>clusius</i>	Wyoming Pocket Gopher	1.76	58	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>idahoensis</i>	Idaho Pocket Gopher	1.83	67	extant	0	NA	LC	Browse/graze
					Western Pocket Gopher, Puget Sound Pocket Gopher, Mazama Pocket Gopher							
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>mazama</i>		1.88	75	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>microdon</i>		1.88	75	extinct	TP	NA	EX	browse
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>monticola</i>	Mountain Pocket Gopher	1.90	80	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>orientalis</i>		1.98	95	extinct	TP	NA	EX	browse
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>talpoides</i>	Northern Pocket Gopher, Vancouver Pocket Gopher	2.11	130	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>townsendii</i>	Townsend's Pocket Gopher	2.42	263	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Thomomys</i>	<i>umbrinus</i>	Animas Mountains Pocket Gopher, Southern Pocket Gopher	2.22	166	extant	0	NA	LC	Browse/graze
NA	Rodentia	Geomyidae	<i>Zygogeomys</i>	<i>trichopus</i>	Michoacan Pocket Gopher	2.70	500	extant	Future	NA	EN	Browse/frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>arenarius</i>	Little Desert Pocket Mouse, Sand Pocket Mouse	1.36	23	extant	0	NA	LC	Frug/browse

NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>artus</i>	Narrow-skulled Pocket Mouse	1.32	21	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>baileyi</i>	Bailey's Pocket Mouse	1.42	26	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>californicus</i>	California Pocket Mouse	1.34	22	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>fallax</i>	San Diego Pocket Mouse	1.27	19	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>formosus</i>	Long-tailed Pocket Mouse	1.29	19	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>goldmani</i>	Goldman's Pocket Mouse	1.36	23	extant	Future	NA	NT	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>hispidus</i>	Hispid Pocket Mouse	1.51	32	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>intermedius</i>	Rock Pocket Mouse	1.22	17	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>lineatus</i>	Lined Pocket Gopher, Lined Pocket Mouse	1.36	23	extant	0	NA	DD	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>nelsoni</i>	Nelson's Pocket Mouse	1.20	16	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>penicillatus</i>	Desert Pocket Mouse	1.23	17	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>pernix</i>	Sinaloan Pocket Mouse, Sinaloan Pocket Gopher	1.23	17	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Chaetodipus</i>	<i>spinatus</i>	Spiny Pocket Mouse	1.21	16	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>agilis</i>	Agile Kangaroo Rat	1.76	58	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>deserti</i>	Desert Kangaroo Rat	2.02	105	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>elator</i>	Texas Kangaroo Rat	1.89	78	extant	Future	NA	VU	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>elephantinus</i>		1.86	72	extant	0	NA		Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>gravipes</i>	San Quintin Kangaroo Rat	1.92	84	extant	Future	NA	CR	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>heermanni</i>	Heermann's Kangaroo Rat, Morro Bay Kangaroo-rat, Morro Bay Kangaroo Rat	1.86	72	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>ingens</i>	Giant Kangaroo Rat	2.13	134	extant	Future	NA	EN	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>merriami</i>	Merriam's Kangaroo Rat	1.62	42	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>microps</i>	Chisel-toothed Kangaroo Rat, Houserock Chisel-toothed Kangaroo Rat, House Rock Valley Kangaroo Rat	1.74	55	extant	0	NA	LC	browse/frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>nelsoni</i>	Nelson's Kangaroo Rat	1.95	89	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>nitratoides</i>	Fresno Kangaroo Rat, San Joaquin Kangaroo Rat	1.64	44	extant	Future	NA	VU	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>ordii</i>	Ord's Kangaroo Rat	1.78	60	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>panamintinus</i>	Panamint Kangaroo Rat	1.87	75	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>phillipsii</i>	Phillip's Kangaroo Rat	1.61	41	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>spectabilis</i>	Banner-tailed Kangaroo Rat, Phillips's Kangaroo Rat	2.13	136	extant	Future	NA	NT	Frug
NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>stephensi</i>	Stephens' Kangaroo Rat	1.84	70	extant	Future	NA	EN	Frug

NA	Rodentia	Heteromyidae	<i>Dipodomys</i>	<i>venustus</i>	Narrow-faced Kangaroo Rat	1.86	72	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>desmarestianus</i>	Desmarest's Spiny Pocket Mouse	1.86	73	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>gaumeri</i>	Gaumer's Spiny Pocket Mouse	1.80	64	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>goldmani</i>		1.93	85	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>nelsoni</i>	Nelson's Spiny Pocket Mouse	1.73	54	extant	Future	NA	EN	Frug/browse
NA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>oresterus</i>	Mountain Spiny Pocket Mouse	1.87	75	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>adpersus</i>	Panamanian Spiny Pocket Mouse	1.81	65	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>irroratus</i>	Mexican Spiny Pocket Mouse	1.70	50	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>pictus</i>	Painted Spiny Pocket Mouse	1.60	40	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>salvini</i>	Salvin's Spiny Pocket Mouse	1.62	42	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>spectabilis</i>	Jaliscan Spiny Pocket Mouse	1.81	65	extant	Future	NA	EN	Frug/browse
NA	Rodentia	Heteromyidae	<i>Microdipodops</i>	<i>megacephalus</i>	Dark Kangaroo Mouse, Owyhee River Kangaroo Mouse	1.02	10	extant	0	NA	LC	Frug/insect
NA	Rodentia	Heteromyidae	<i>Microdipodops</i>	<i>pallidus</i>	Pale Kangaroo Mouse, Soda Spring Valley Kangaroo Mouse	1.10	13	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>alticola</i>	White-eared Pocket Mouse	1.38	24	extant	Future	NA	VU	Frug/browse
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>amplus</i>	Arizona Pocket Mouse	1.07	12	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>fasciatus</i>	Olive-backed Pocket Mouse	1.06	12	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>flavescens</i>	Plains Pocket Mouse	0.94	9	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>flavus</i>	Silky Pocket Mouse	0.89	8	extant	0	NA	LC	Frug/browse
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>inornatus</i>	Salinas Pocket Mouse, San Joaquin Pocket Mouse	1.04	11	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>longimembris</i>	Little Pocket Mouse, Los Angeles Little Pocket Mouse, Los Angeles Pocket Mouse	0.88	8	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>merriami</i>	Great Basin Pocket Mouse, Merriam's Pocket Mouse	0.84	7	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>parvus</i>	Great Basin Pocket Mouse	1.34	22	extant	0	NA	LC	Frug
NA	Rodentia	Heteromyidae	<i>Perognathus</i>	<i>xanthanotus</i>	Great Basin Pocket Mouse	1.38	24	extant	0	NA	LC	Frug
NA	Rodentia	Hydrochoeridae	<i>Neochoerus</i>	<i>oesopi</i>		4.78	60000	extinct	TP	12	EX	graze
NA	Rodentia	Hydrochoeridae	<i>Neochoerus</i>	<i>pinckneyi</i>		4.85	70000	extinct	TP	11	EX	graze
NA	Rodentia	Muridae	<i>Microtus</i>	<i>ochrogaster</i>	Prairie Vole	2.30	200	extant	0	NA	LC	graze

NA	Rodentia	Muridae	<i>Myodes</i>	<i>californicus</i>	Western Red-backed Vole	1.26	18	extant	0	NA	LC	Browse
NA	Rodentia	Muridae	<i>Myodes</i>	<i>gapperi</i>	Revillagigedo Island Red-backed Vole, Southern Red-backed Vole	1.28	19	extant	0	NA	LC	;/browse/ginsect
NA	Rodentia	Muridae	<i>Myodes</i>	<i>utilus</i>	Northern Red-backed Vole, RED VOLE	1.46	29	extant	0	NA	LC	Frug/browse
NA	Rodentia	Muridae	<i>Peromyscus</i>	<i>cochrani</i>		1.32	21	extinct	TP	NA	EX	ginsect/frug
NA	Rodentia	Muridae	<i>Peromyscus</i>	<i>imperfectus</i>		1.54	35	extinct	TP	NA	EX	ginsect/frug
NA	Rodentia	Muridae	<i>Peromyscus</i>	<i>maniculatus</i>	North American Deermouse, Deer Mouse	1.39	25	extant	0	NA	LC	ginsect/frug
NA	Rodentia	Muridae	<i>Rhipidomys</i>	<i>scandens</i>	Broad-footed Climbing Mouse			extant	0	NA	LC	DD
NA	Rodentia	Muridae	<i>Synaptomys</i>	<i>australis</i>		1.72	53	extinct	TP	NA	EX	ginsect/frug
NA	Rodentia	Muridae	<i>Synaptomys</i>	<i>bunker</i>		1.30	20	extinct	TP	NA	EX	ginsect/frug
NA	Rodentia	Sciuridae	<i>Ammospermophilus</i>	<i>harrisii</i>	Harris's Antelope Squirrel	2.09	122	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Ammospermophilus</i>	<i>interpres</i>	Texas Antelope Squirrel	2.04	110	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Ammospermophilus</i>	<i>leucurus</i>	White-tailed Antelope Squirrel	2.02	104	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Ammospermophilus</i>	<i>nelsoni</i>	Nelson's Antelope Squirrel, San Joaquin Antelope Ground Squirrel, San Joaquin Antelope Squirrel	2.21	160	extant	Future	NA	EN	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Cynomys</i>	<i>gunnisoni</i>	Gunnison's Prairie Dog, Ruddy Mongoose	2.97	925	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Cynomys</i>	<i>leucurus</i>	White-tailed Prairie Dog	2.96	908	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Cynomys</i>	<i>ludovicianus</i>	Arizona Black-tailed Prairie Dog, Black-tailed Prairie Dog	3.13	1364	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Cynomys</i>	<i>mexicanus</i>	Mexican Prairie Dog, Mexican Prairie Marmot	2.95	900	extant	Future	NA	EN	3raze/browse
NA	Rodentia	Sciuridae	<i>Cynomys</i>	<i>parvidens</i>	Utah Prairie Dog	2.95	900	extant	Future	NA	EN	3raze/browse
NA	Rodentia	Sciuridae	<i>Glaucomys</i>	<i>sabrinus</i>	Carolina Flying Squirrel, Northern Flying Squirrel	2.22	166	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Glaucomys</i>	<i>volans</i>	Mexican Flying Squirrel, Southern Flying Squirrel	1.81	64	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>broweri</i>	Alaska Marmot	3.53	3405	extant	0	NA	LC	Graze
NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>caligata</i>	Hoary Marmot, Montague Island Hoary Marmot	3.86	7230	extant	0	NA	LC	Graze
NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>flaviventris</i>	Yellow-bellied Marmot	3.53	3350	extant	0	NA	LC	Graze
NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>monax</i>	Woodchuck	3.58	3802	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>olympus</i>	Olympic Marmot	3.80	6300	extant	0	NA	LC	Graze

NA	Rodentia	Sciuridae	<i>Marmota</i>	<i>vancouverensis</i>	Vancouver Island Marmot, Chinese Ferret Badgers, Vancouver Marmot	3.80	6300	extant	Future	NA	CR	Graze
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>aberti</i>	Abert's Squirrel	2.80	624	extant	0	NA	LC	browse/frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>alleni</i>	Allen's Squirrel	2.64	435	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>arizonensis</i>	Arizona Gray Squirrel	2.81	647	extant	0	NA	DD	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>aureogaster</i>	Mexican Gray Squirrel, Mexican Grey Squirrel, Red-bellied Squirrel	2.77	595	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>carolinensis</i>	Eastern Gray Squirrel, Gray Squirrel, Grey Squirrel	2.70	507	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>colliae</i>	Collie's Squirrel	2.70	498	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>deppei</i>	Deppe's Squirrel	2.28	190	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>granatensis</i>	Red-tailed Squirrel	2.40	250	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>griseus</i>	Western Gray Squirrel	2.86	731	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>nayaritensis</i>	Mexican Fox Squirrel	2.84	697	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>niger</i>	Bryant's Fox Squirrel, Delmarva Fox Squirrel, Eastern Fox Squirrel, Fox Squirrel	2.88	762	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>oculatus</i>	Peters's Squirrel	2.81	650	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>richmondi</i>	Richmond's Squirrel	2.31	205	extant	Future	NA	NT	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>variegatoides</i>	Variegated Squirrel	2.69	485	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>yucatanensis</i>	Yucatan Squirrel	2.35	225	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>adocetus</i>	Lesser Tropical Ground Squirrel	2.10	125	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>annulatus</i>	Ring-tailed Ground Squirrel	2.70	500	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>armatus</i>	Uinta Ground Squirrel	2.50	313	extant	0	NA	LC	Graze/frug
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>atricapillus</i>	Baja California Rock Squirrel	2.74	551	extant	Future	NA	EN	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>beecheyi</i>	California Ground Squirrel	2.76	578	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>beldingi</i>	Belding's Ground Squirrel	2.45	280	extant	0	NA	LC	Graze
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>brunneus</i>	Northern Idaho Ground Squirrel	2.48	300	extant	Future	NA	CR	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>canus</i>	Merriam's Ground Squirrel	2.54	350	extant	0	NA	LC	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>columbianus</i>	Columbian Ground Squirrel	2.69	493	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>elegans</i>	Wyoming Ground Squirrel	2.66	454	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>franklinii</i>	Franklin's Ground Squirrel	2.56	363	extant	0	NA	LC	rowse/ginsec
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>lateralis</i>	Golden Mantled Ground Squirrel	2.28	191	extant	0	NA	LC	wse/frug/gins
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>madrensis</i>	Sierra Madre Ground Squirrel	2.44	275	extant	Future	NA	NT	3raze/browse

NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>mexicanus</i>	Mexican Ground Squirrel	2.28	190	extant	0	NA	LC	;/browse/gins
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>mohavensis</i>	Mohave Ground Squirrel	2.28	190	extant	Future	NA	NT	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>mollis</i>	Piute Ground Squirrel	2.22	165	extant	0	NA	LC	browse/frug
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>parryi</i>	Arctic Ground Squirrel	2.88	760	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>perotensis</i>	Perote Ground Squirrel	2.15	140	extant	Future	NA	EN	3raze/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>richardsonii</i>	Richardson's Ground Squirrel	2.61	406	extant	0	NA	LC	Graze
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>saturatus</i>	Cascade Golden-mantled Ground Squirrel	2.34	220	extant	0	NA	LC	browse/frug
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>spilosoma</i>	Spotted Ground Squirrel	1.95	89	extant	0	NA	LC	Graze/frug
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>tereticaudus</i>	Round-tailed Ground Squirrel	2.19	156	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>townsendii</i>	Townsend's Ground Squirrel	2.33	213	extant	Future	NA	VU	Frug/browse
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>tridecemlineatus</i>	Thirteen-lined Ground Squirrel	2.12	132	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>variegatus</i>	Rock Squirrel	2.84	692	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Spermophilus</i>	<i>washingtoni</i>	Washington Ground Squirrel	2.32	208	extant	Future	NA	NT	3raze/browse
NA	Rodentia	Sciuridae	<i>Syntheosciurus</i>	<i>brochus</i>	Bangs's Mountain Squirrel, Mountain Squirrel, Neotropical Montane Squirrel	2.12	133	extant	Future	NA	NT	
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>alpinus</i>	Alpine Chipmunk	1.56	37	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>amoenus</i>	Yellow-pine Chipmunk	1.70	51	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>aristus</i>		2.16	143	extinct	TP	NA	EX	frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>bulleri</i>	Buller's Chipmunk	2.00	100	extant	Future	NA	VU	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>canipes</i>	Gray-footed Chipmunk	1.85	70	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>cinereicollis</i>	Gray-collared Chipmunk	1.79	62	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>dorsalis</i>	Cliff Chipmunk	1.85	71	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>durangae</i>	Durango Chipmunk	1.93	85	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>merriami</i>	Merriam's Chipmunk	1.87	75	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>minimus</i>	Least Chipmunk, New Mexico Least Chipmunk, Peasco Least Chipmunk, Selkirk Least Chipmunk	2.13	135	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>obscurus</i>	California Chipmunk, Chaparral Chipmunk	1.86	73	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>ochrogenys</i>	Yellow-cheeked Chipmunk	1.96	92	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>palmeri</i>	Palmer's Chipmunk	1.84	69	extant	Future	NA	EN	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>panamintinus</i>	Panamint Chipmunk	1.72	52	extant	0	NA	LC	Frug/browse
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>quadrifasciatus</i>	Long-eared Chipmunk	1.93	85	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>quadrivittatus</i>	Colorado Chipmunk, Organ Mountains Chipmunk	1.79	62	extant	0	NA	LC	Frug

NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>ruficaudus</i>	Red-tailed Chipmunk	1.83	68	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>rufus</i>	Hopi Chipmunk	1.73	54	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>senex</i>	Allen's Chipmunk, Shadow Chipmunk	1.95	89	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>siskiyou</i>	Siskiyou Chipmunk	1.88	75	extant	0	NA	LC	Frug/ginsect
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>sonomae</i>	Sonoma Chipmunk	1.88	75	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>speciosus</i>	Lodgepole Chipmunk	1.79	62	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>striatus</i>	Eastern Chipmunk	2.05	112	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>townsendii</i>	Townsend's Chipmunk Hidden Forest	1.87	75	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamias</i>	<i>umbrinus</i>	Chipmunk, Uinta Chipmunk	1.80	63	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamiasciurus</i>	<i>douglasii</i>	Douglas's Squirrel	2.35	225	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamiasciurus</i>	<i>hudsonicus</i>	Red Squirrel, Mount Graham Red Squirrel, Mountain Weasel	2.30	201	extant	0	NA	LC	Frug
NA	Rodentia	Sciuridae	<i>Tamiasciurus</i>	<i>mearnsi</i>	Mearns's Squirrel	2.33	213	extant	Future	NA	EN	frug/carn
NA	Sirenia	Trichechidae	<i>Trichechus</i>	<i>manatus</i>	American Manatee, West Indian Manatee	5.64	433333	extant	Future	NA	VU	Graze
NA	Soricomorpha	Soricidae	<i>Blarina</i>	<i>brevicauda</i>	Northern Short-tailed Shrew	1.45	28	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Blarina</i>	<i>carolinensis</i>	Southern Short-tailed Shrew	1.13	14	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Blarina</i>	<i>hylophaga</i>	Elliot's Short-tailed Shrew	1.16	15	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>endersi</i>	Ender's Small-eared Shrew, Enders' S Small- eared Shrew	0.90	8	extant	Future	NA	EN	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>goldmani</i>	Goldman's Broad- clawed Shrew, Goldman's Small-eared Shrew, Goldman's Small Eared Shrew	0.90	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>goodwini</i>	Goodwin's Broad- clawed Shrew, Goodwin's Small-eared Shrew, Goodwin's Small Eared Shrew	0.85	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>gracilis</i>	Talamancan Small- eared Shrew, Talamancan Small Eared Shrew	0.85	7	extant	Future	NA	VU	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>hondurensis</i>	Honduran Small-eared Shrew, Honduran Small Eared Shrew	0.70	5	extant	0	NA	DD	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>magna</i>	Big Mexican Small- eared Shrew	0.85	7	extant	Future	NA	VU	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>mexicana</i>	Mexican Small-eared Shrew	0.85	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>nigrescens</i>	Blackish Small-eared Shrew	0.73	5	extant	0	NA	LC	Ginsect

NA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>parva</i>	Least Shrew, North American Least Shrew	0.70	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Megasorex</i>	<i>gigas</i>	Mexican Shrew	1.30	20	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Notiosorex</i>	<i>crawfordi</i>	Desert Shrew	0.64	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>alaskanus</i>	Glacier Bay Water Shrew	1.15	14	extant	0	NA	DD	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>arcticus</i>	Arctic Shrew	0.91	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>arizonae</i>	Arizona Shrew	0.38	2	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>bairdi</i>	Baird's Shrew	0.92	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>bendirii</i>	Marsh Shrew, Pacific Water Shrew	1.21	16	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>cinereus</i>	Cinereus Shrew, Masked Shrew	0.67	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>dispar</i>	Long-tailed Shrew	0.70	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>emarginatus</i>	Zacatecas Shrew	0.85	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>fumeus</i>	Smoky Shrew	0.89	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>gaspensis</i>	Long-tailed Shrew	0.46	3	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>haydeni</i>	Prairie Shrew, Hayden's Shrew	0.54	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>hoji</i>	American Pygmy Shrew, Pygmy Shrew	0.41	3	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>longirostris</i>	Southeastern Shrew	0.55	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>lyelli</i>	Mount Lyell Shrew	0.70	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>macrodon</i>	Large-toothed Shrew	0.85	7	extant	Future	NA	VU	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>merriami</i>	Merriam's Shrew	0.77	6	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>milleri</i>	Carmen Mountain Shrew	0.85	7	extant	Future	NA	VU	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>monticolus</i>	Dusky Shrew, Montane Shrew	0.72	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>nanus</i>	Dwarf Shrew	0.38	2	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>oreopolus</i>	Mexican Long-tailed Shrew	0.85	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>ornatus</i>	Ornate Shrew	0.70	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>pacificus</i>	Pacific Shrew	0.83	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>palustris</i>	American Water Shrew, Water Shrew	1.13	13	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>preblei</i>	Preble's Shrew	0.49	3	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>saussurei</i>	Saussure's Shrew	0.67	5	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>sclateri</i>	Sclater's Shrew	0.85	7	extant	Future	NA	CR	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>sonomae</i>	Fog Shrew	0.92	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>stizodon</i>	San Cristobal Shrew	0.85	7	extant	Future	NA	CR	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>tenellus</i>	Inyo Shrew	0.57	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>throwbridgii</i>	Trowbridge's Shrew	0.58	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>tundrensis</i>	Tundra Shrew, TUNDRA SHREW	0.88	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>ugyunak</i>	Barren Ground Shrew	0.56	4	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>vagrans</i>	Vagrant Shrew	0.77	6	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>ventralis</i>	Chestnut-bellied Shrew	0.85	7	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Soricidae	<i>Sorex</i>	<i>veraepacis</i>	Verapaz Shrew	0.88	8	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Condylura</i>	<i>cristata</i>	Star-nosed Mole	1.92	84	extant	0	NA	LC	Ginsect

NA	Soricomorpha	Talpidae	<i>Neurotrichus</i>	<i>gibbsii</i>	Shrew-mole, American Shrew Mole, American Shrew-mole	0.95	9	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Parascalops</i>	<i>breweri</i>	Hairy-tailed Mole	1.71	51	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Scalopus</i>	<i>aquaticus</i>	Eastern Mole	1.96	91	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Scapanus</i>	<i>latimanus</i>	Broad-footed Mole	1.74	55	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Scapanus</i>	<i>orarius</i>	Coast Mole	1.79	61	extant	0	NA	LC	Ginsect
NA	Soricomorpha	Talpidae	<i>Scapanus</i>	<i>townsendii</i>	Townsend's Mole	2.15	142	extant	0	NA	LC	Ginsect
SA	Artiodactyla	Camelidae	<i>Eulamaops</i>	<i>parallelus</i>	btwn 10-20 14C yrs	5.18	150000	extinct	TP	15	EX	Graze
SA	Artiodactyla	Camelidae	<i>Hemiauchenia</i>	<i>paradoxa</i>		5.48	300000	extinct	TP	10	EX	graze
SA	Artiodactyla	Camelidae	<i>Lama</i>	<i>glama</i>	llama	5.15	142500	extant	0	NA	LC	graze/browse
SA	Artiodactyla	Camelidae	<i>Lama</i>	<i>gracilis</i>	extinct small llama	4.70	50000	extinct	TP	15	EX	graze
SA	Artiodactyla	Camelidae	<i>Lama</i>	<i>guanicoe</i>	Guanaco	5.08	120000	extant	0	NA	LC	graze/browse
SA	Artiodactyla	Camelidae	<i>Palaeolama</i>	<i>reissi</i>		6.00	1000000	extinct	TP	11.9	EX	Browse
SA	Artiodactyla	Camelidae	<i>Vicugna</i>	<i>vicugna</i>	Vicuna, Vicu_a, Vicugna	4.68	47500	extant	0	NA	LC	graze
SA	Artiodactyla	Cervidae	<i>Agalmaceros</i>	<i>blicki</i>		4.78	60000	extinct	TP	12	EX	Browse
SA	Artiodactyla	Cervidae	<i>Antifer</i>	<i>niemeyeri</i>	LP to Holocene			extinct	TP	11.2	EX	Browse
SA	Artiodactyla	Cervidae	<i>Blastocerus</i>	<i>dichotomus</i>	Marsh Deer	4.94	86666	extant	Future	NA	VU	graze/browse
SA	Artiodactyla	Cervidae	<i>Hippocamelus</i>	<i>antisensis</i>	Taruca, Peruvian Guemal, Peruvian Huemul, North Andean Deer, North Andean Huemul Patagonian Huemul, Chilean Guemal, South Andean Deer, South Andean Huemul, Chilean Huemul	4.84	68599	extant	Future	NA	VU	graze/browse
SA	Artiodactyla	Cervidae	<i>Hippocamelus</i>	<i>bisulcus</i>	Andean Deer, South Andean Huemul, Chilean Huemul	4.85	70000	extant	Future	NA	EN	graze/browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>americana</i>	Red Brocket	4.36	22800	extant	0	NA	DD	Browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>bricenii</i>	M_rida Brocket, Rufous Brocket, Meroia Brocket	4.22	16500	extant	Future	NA	VU	Browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>chunyi</i>	Peruvian Dwarf Brocket, Chunyi, Dwarf Brocket	4.22	16500	extant	Future	NA	VU	Browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>gouzoupira</i>	Gray Brocket, Brown Brocket	4.21	16300	extant	0	NA	LC	Browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>nana</i>	Brazilian Dwarf Brocket, Pygmy Brocket	4.22	16500	extant	Future	NA	VU	Browse
SA	Artiodactyla	Cervidae	<i>Mazama</i>	<i>rufina</i>	Dwarf Red Brocket, Little Red Brocket Deer, Little Red Brocket	4.41	26000	extant	Future	NA	VU	Browse
SA	Artiodactyla	Cervidae	<i>Morenelaphus</i>	<i>brachyceros</i>		4.70	50000	extinct	TP	12	EX	Graze
SA	Artiodactyla	Cervidae	<i>Odocoileus</i>	<i>virginianus</i>	White-tailed Deer, Key Deer, Key Deer Toy Deer	4.74	55509	extant	0	NA	LC	Browse
SA	Artiodactyla	Cervidae	<i>Ozotoceros</i>	<i>bezoarticus</i>	Pampas Deer	4.60	40000	extant	Future	NA	NT	graze/browse
SA	Artiodactyla	Cervidae	<i>Paraceros</i>	<i>fragilis</i>	too old? But see Encyclopedia of Quaternary Science	5.48	300000	extinct	TP	NA	EX	graze/browse
SA	Artiodactyla	Cervidae	<i>Pudu</i>	<i>mephistophiles</i>	Northern Pudu	3.98	9600	extant	Future	NA	VU	Browse

SA	Artiodactyla	Cervidae	<i>Pudu</i>	<i>puda</i>	Southern Pudu, Chilean Pudu	3.99	9750	extant	Future	NA	NT	Browse
SA	Artiodactyla	Tayassuidae	<i>Catagonus</i>	<i>wagneri</i>	Chacoan Peccary, Tagua	4.55	35566	extant	Future	NA	EN	Frug/browse
SA	Artiodactyla	Tayassuidae	<i>Pecari</i>	<i>tajacu</i>	Collared Peccary	4.33	21267	extant	0	NA	LC	Frug/browse
SA	Artiodactyla	Tayassuidae	<i>Tayassu</i>	<i>pecari</i>	White-lipped Peccary	4.51	32234	extant	Future	NA	VU	Frug/browse
SA	Carnivora	Canidae	<i>Atelocynus</i>	<i>microtis</i>	Short-eared Dog, Small-eared Zorro, Short-eared Fox	3.89	7750	extant	Future	NA	NT	Carn
SA	Carnivora	Canidae	<i>Canis</i>	<i>dirus</i>	Crab-eating Fox, Crab-eating Zorro, Savannah Fox, Common Zorro	4.70	50000	extinct	TP	12	EX	carn
SA	Carnivora	Canidae	<i>Cerdocyon</i>	<i>thous</i>	Maned Wolf	3.72	5240	extant	0	NA	LC	carn/ginsect
SA	Carnivora	Canidae	<i>Chrysocyon</i>	<i>brachyurus</i>		4.37	23250	extant	Future	NA	NT	carn/ginsect
SA	Carnivora	Canidae	<i>Dusicyon</i>	<i>avus</i>		4.11	13000	extinct	TP	11.2	EX	Carn
SA	Carnivora	Canidae	<i>Lycalopex</i>	<i>culpaeus</i>	Culpeo, Andean Fox	3.99	9832	extant	0	NA	LC	carn/ginsect
SA	Carnivora	Canidae	<i>Lycalopex</i>	<i>griseus</i>	South American Grey Fox, Argentine Gray Fox, Grey Zorro	3.92	8280	extant	0	NA	LC	rn/ginsect/frn
SA	Carnivora	Canidae	<i>Lycalopex</i>	<i>gymnocercus</i>	Pampas Fox, Azara's Zorro, Azara's Fox	3.67	4690	extant	0	NA	LC	rn/ginsect/frn
SA	Carnivora	Canidae	<i>Lycalopex</i>	<i>sechurae</i>	Sechuran Fox, Peruvian Desert Fox, Sechuran Desert Fox	3.60	4000	extant	Future	NA	NT	rn/ginsect/frn
SA	Carnivora	Canidae	<i>Lycalopex</i>	<i>vetulus</i>	Hoary Fox, Small-toothed Dog, Hoary Zorro	3.73	5350	extant	0	NA	LC	rn/ginsect/frn
SA	Carnivora	Canidae	<i>Protocyon</i>	<i>orcesi</i>		4.40	25000	extinct	TP	12	EX	Carn
SA	Carnivora	Canidae	<i>Protocyon</i>	<i>troglodytes</i>		4.20	16000	extinct	TP	12	EX	Carn
SA	Carnivora	Canidae	<i>Pseudalopex</i>	<i>peruanus</i>		3.81	6430	extinct	TP	NA	EX	rn/ginsect/frn
SA	Carnivora	Canidae	<i>Speothos</i>	<i>pacivorus</i>		3.95	9000	extinct	TP	12	EX	Carn
SA	Carnivora	Canidae	<i>Speothos</i>	<i>venaticus</i>	Bush Dog, Vinegar Dog, Savannah Dog	3.78	6000	extant	Future	NA	NT	Carn
SA	Carnivora	Canidae	<i>Theriodictis</i>	<i>platensis</i>		4.43	27000	extinct	TP	11	EX	carn/omnivore
SA	Carnivora	Canidae	<i>Theriodictis</i>	<i>tarijensis</i>		4.43	27000	extinct	TP	11	EX	carn/omnivore
SA	Carnivora	Canidae	<i>Urocyon</i>	<i>cinereoargenteus</i>	Tree Fox, Gray Fox	3.58	3834	extant	0	NA	LC	carn/frug
SA	Carnivora	Felidae	<i>Herpailurus</i>	<i>yaguarondi</i>	Jaguarundi, Eyra Cat	3.83	6750	extant	0	NA	LC	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>colocolo</i>	Pampas Cat, Chilean Pampa Cat	3.59	3935	extant	Future	NA	NT	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>geoffroyi</i>	Geoffroy's Cat	3.56	3590	extant	0	NA	LC	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>guigna</i>	Guinea, Kodkod, Chilean Cat	3.35	2230	extant	Future	NA	VU	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>pardalis</i>	Ocelot	4.08	11900	extant	0	NA	LC	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>tigrinus</i>	Oncilla, Little Spotted Cat, Tiger Cat, Little Tiger Cat	3.35	2250	extant	Future	NA	VU	Carn
SA	Carnivora	Felidae	<i>Leopardus</i>	<i>wiedii</i>	Margay, Tree Ocelot	3.51	3250	extant	Future	NA	NT	Carn
SA	Carnivora	Felidae	<i>Oreailurus</i>	<i>jacobita</i>	Andean Cat, Mountain Cat	3.96	9170	extant	Future	NA	EN	Carn
SA	Carnivora	Felidae	<i>Panthera</i>	<i>leo</i>	Lion, African Lion	5.64	433200	extinct	TP	11	EX	Carn
SA	Carnivora	Felidae	<i>Panthera</i>	<i>onca</i>	Jaguar	5.00	100000	extant	Future	NA	NT	Carn

SA	Carnivora	Felidae	<i>Puma</i>	<i>concolor</i>	Puma, Mountain Lion, Cougar, Red Tiger, Deer Tiger	4.71	51600	extant	0	NA	LC	Carn
SA	Carnivora	Felidae	<i>Smilodon</i>	<i>fatalis</i>	saber-toothed cat	5.64	433200	extinct	TP	11	EX	carn
SA	Carnivora	Felidae	<i>Smilodon</i>	<i>populator</i>		5.65	442000	extinct	TP	11.2	EX	Carn
SA	Carnivora	Mephitidae	<i>Conepatus</i>	<i>chinga</i>	Molina's Hog-nosed Skunk	3.28	1918	extant	0	NA	LC	Ginsect
SA	Carnivora	Mephitidae	<i>Conepatus</i>	<i>humboldtii</i>	Humboldt's Hog-nosed Skunk, Patagonian Hog-nosed Skunk	2.52	328	extant	0	NA	LC	Ginsect
SA	Carnivora	Mephitidae	<i>Conepatus</i>	<i>semistriatus</i>	Striped Hog-nosed Skunk, Amazonian Hog-nosed Skunk	3.08	1200	extant	0	NA	LC	ginsect/carn
SA	Carnivora	Mustelidae	<i>Eira</i>	<i>barbara</i>	Tayra, Greyheaded Tayra	3.59	3910	extant	0	NA	LC	Carn
SA	Carnivora	Mustelidae	<i>Galictis</i>	<i>cuja</i>	Lesser Grison	3.00	1000	extant	0	NA	LC	carn/ginsect
SA	Carnivora	Mustelidae	<i>Galictis</i>	<i>vittata</i>	Greater Grison	3.51	3200	extant	0	NA	LC	Carn
SA	Carnivora	Mustelidae	<i>Lontra</i>	<i>felina</i>	Marine Otter, Sea Cat	4.49	30600	extant	Future	NA	EN	iscivore/inver
SA	Carnivora	Mustelidae	<i>Lontra</i>	<i>longicaudis</i>	Neotropical Otter, La Plata Otter, Neotropical River Otter, South American River Otter, Long-tailed Otter	3.82	6555	extant	Future	NA	NT	iscivore/inver
SA	Carnivora	Mustelidae	<i>Lontra</i>	<i>provocax</i>	Southern River Otter, Huillin	3.88	7500	extant	Future	NA	EN	iscivore/inver
SA	Carnivora	Mustelidae	<i>Lyncodon</i>	<i>patagonicus</i>	Patagonian Weasel	2.35	225	extant	0	NA	LC	Carn
SA	Carnivora	Mustelidae	<i>Mustela</i>	<i>africana</i>	Amazon Weasel, Tropical Weasel	2.73	537	extant	0	NA	LC	Carn/piscivore
SA	Carnivora	Mustelidae	<i>Mustela</i>	<i>felipei</i>	Colombian Weasel	2.32	211	extant	Future	NA	VU	Carn/piscivore
SA	Carnivora	Mustelidae	<i>Mustela</i>	<i>frenata</i>	Long-tailed Weasel	2.17	147	extant	0	NA	LC	Carn
SA	Carnivora	Mustelidae	<i>Pteronura</i>	<i>brasiliensis</i>	Giant Otter, Giant Brazilian Otter	4.38	24000	extant	Future	NA	EN	iscivore/inver
SA	Carnivora	Procyonidae	<i>Bassaricyon</i>	<i>alleni</i>	Eastern Lowland Olingo	3.09	1235	extant	0	NA	LC	Frug/ginsect
SA	Carnivora	Procyonidae	<i>Bassaricyon</i>	<i>beddardi</i>	eastern lowland olingo	3.09	1235	extant	0	NA	LC	Frug/ginsect
SA	Carnivora	Procyonidae	<i>Bassaricyon</i>	<i>gabbii</i>	Northern Olingo	3.10	1250	extant	0	NA	LC	Frug/ginsect
SA	Carnivora	Procyonidae	<i>Nasua</i>	<i>narica</i>	White-nosed Coati, Coatimundi	3.61	4030	extant	0	NA	LC	ug/ginsect/ca
SA	Carnivora	Procyonidae	<i>Nasua</i>	<i>nasua</i>	South American Coati	3.58	3794	extant	0	NA	LC	ug/ginsect/ca
SA	Carnivora	Procyonidae	<i>Nasuella</i>	<i>olivacea</i>	Western Mountain Coati	3.13	1340	extant	Future	NA	NT	Ginsect
SA	Carnivora	Procyonidae	<i>Potos</i>	<i>flavus</i>	Kinkajou	3.48	3000	extant	0	NA	LC	Frug
SA	Carnivora	Procyonidae	<i>Procyon</i>	<i>cancrivorus</i>	Crab-eating Raccoon	3.84	6950	extant	0	NA	LC	invert
SA	Carnivora	Ursidae	<i>Arctotherium</i>	<i>bonariensis</i>	short-faced bears	5.78	600000	extinct	TP	11	EX	Carn
SA	Carnivora	Ursidae	<i>Arctotherium</i>	<i>tarijense</i>	short-faced bears	5.60	400000	extinct	TP	11.2	EX	carn
SA	Carnivora	Ursidae	<i>Arctotherium</i>	<i>wingei</i>	short-faced bears	2.18	150	extinct	TP	10	EX	carn
SA	Carnivora	Ursidae	<i>Tremarctos</i>	<i>ornatus</i>	Spectacled Bear, Andean Bear	5.15	140001	extant	Future	NA	VU	Frug
SA	Cingulata	Dasypodidae	<i>Cabassous</i>	<i>centralis</i>	Northern Naked-tailed Armadillo	3.58	3810	extant	0	NA	DD	Ginsect
SA	Cingulata	Dasypodidae	<i>Cabassous</i>	<i>chacoensis</i>	Chacoan Naked-tailed Armadillo	3.17	1490	extant	Future	NA	NT	Ginsect

SA	Cingulata	Dasypodidae	<i>Cabassous</i>	<i>tatouay</i>	Greater Naked-tailed Armadillo	3.73	5350	extant	0	NA	LC	Ginsect
SA	Cingulata	Dasypodidae	<i>Cabassous</i>	<i>unicinctus</i>	Southern Naked-Tailed Armadillo	3.68	4800	extant	0	NA	LC	Ginsect
SA	Cingulata	Dasypodidae	<i>Calyptophractus</i>	<i>retusus</i>	Greater Fairy Armadillo, Burmeister's Armadillo, Chacoan Fairy Armadillo, Greater Pichi Ciego	2.11	130	extant	0	NA	DD	insect/browsi
SA	Cingulata	Dasypodidae	<i>Chaetophractus</i>	<i>nationi</i>	Screaming Hairy Armadillo	3.33	2150	extant	0	NA	LC	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Chaetophractus</i>	<i>vellerosus</i>	Screaming Hairy Armadillo	3.01	1030	extant	0	NA	LC	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Chaetophractus</i>	<i>villosus</i>	Large Hairy Armadillo, Big Hairy Armadillo, Pink Fairy Armadillo,	3.66	4540	extant	0	NA	LC	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Chlamyphorus</i>	<i>truncatus</i>	Pichiciego, Lesser Pichi Ciego, Lesser Fairy Armadillo	1.65	44	extant	0	NA	DD	insect/browsi
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>hybridus</i>	Southern Long-Nosed Armadillo	3.18	1500	extant	Future	NA	NT	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>kappleri</i>	Greater Long-nosed Armadillo	3.98	9500	extant	0	NA	LC	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>novemcinctus</i>	Nine-banded Armadillo, Common Long-nosed Armadillo	3.62	4204	extant	0	NA	LC	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>pilosus</i>	Hairy Long-nosed Armadillo	3.65	4445	extant	0	NA	DD	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>sabanicola</i>	Northern Long-nosed Armadillo, Llanos Long-nosed Armadillo	3.06	1150	extant	Future	NA	NT	ginsect/carn
SA	Cingulata	Dasypodidae	<i>Dasypus</i>	<i>septemcinctus</i>	Brazilian Lesser Long-nosed Armadillo, Seven-banded Armadillo	3.18	1527	extant	0	NA	LC	Ginsect
SA	Cingulata	Dasypodidae	<i>Euphractus</i>	<i>sexcinctus</i>	Yellow Armadillo, Six-Banded Armadillo	3.68	4783	extant	0	NA	LC	nse/ginsect/c
SA	Cingulata	Dasypodidae	<i>Eutatus</i>	<i>seguini</i>		5.16	144400	extinct	TP	11	EX	Browse
SA	Cingulata	Dasypodidae	<i>Holmesi</i>	<i>occidentalis</i>		5.30	200000	extinct	TP	12	EX	browse
SA	Cingulata	Dasypodidae	<i>Holmesi</i>	<i>paulacoutoi</i>		5.10	125000	extinct	TP	12	EX	browse
SA	Cingulata	Dasypodidae	<i>Pampatherium</i>	<i>humboldtii</i>		5.18	150000	extinct	TP	12	EX	Ginsect
SA	Cingulata	Dasypodidae	<i>Pampatherium</i>	<i>typum</i>		5.30	200000	extinct	TP	11	EX	Ginsect
SA	Cingulata	Dasypodidae	<i>Priodontes</i>	<i>maximus</i>	Giant Armadillo	4.66	45360	extant	Future	NA	VU	Ginsect
SA	Cingulata	Dasypodidae	<i>Propraopus</i>	<i>grandis</i>		4.67	47000	extinct	TP	NA	EX	Ginsect
SA	Cingulata	Dasypodidae	<i>Tolypeutes</i>	<i>matacus</i>	Southern Three-banded Armadillo	3.08	1200	extant	Future	NA	NT	Ginsect
SA	Cingulata	Dasypodidae	<i>Tolypeutes</i>	<i>tricinctus</i>	Brazilian Three-banded Armadillo	3.17	1487	extant	Future	NA	VU	Ginsect
SA	Cingulata	Dasypodidae	<i>Zaedyus</i>	<i>pichiy</i>	Pichi	3.14	1380	extant	Future	NA	NT	ginsect/carn
SA	Cingulata	Glyptodontidae	<i>Chlamydothorium</i>	<i>humboldtii</i>		5.24	175000	extinct	TP	12	EX	Browse
SA	Cingulata	Glyptodontidae	<i>Doedicurus</i>	<i>clavicaudatus</i>		6.17	1468000	extinct	TP	10	EX	Browse
SA	Cingulata	Glyptodontidae	<i>Glyptodon</i>	<i>clavipes</i>		6.30	2000000	extinct	TP	10	EX	Browse

c	SA	Cingulata	Glyptodontidae	<i>Glyptotherium</i>	<i>cylindricum</i>	6.04	1100000	extinct	TP	12.6	EX	
	SA	Cingulata	Glyptodontidae	<i>Hoplophorus</i>	<i>euphractus</i>	5.45	280000	extinct	TP	NA	EX	Browse
	SA	Cingulata	Glyptodontidae	<i>Neosclerocalyptus</i>	<i>paskoensis</i>	5.30	200000	extinct	TP	12	EX	
	SA	Cingulata	Glyptodontidae	<i>Neothoracophorus</i>	<i>elevatus</i>	5.90	800000	extinct	TP	NA	EX	Browse
	SA	Cingulata	Glyptodontidae	<i>Panochthus</i>	<i>tuberculatus</i>	6.03	1061000	extinct	TP	15	EX	Browse
	SA	Cingulata	Glyptodontidae	<i>Plaxhaplous</i>	<i>canaliculatus</i>	6.11	1300000	extinct	TP	15	EX	Browse
	SA	Cingulata	Glyptodontidae	<i>Sclerocalyptus</i>	<i>migoyanus</i>	5.45	280000	extinct	TP	10	EX	Browse
	SA	Didelphimorphia	Didelphidae	<i>Caluromys</i>	<i>derbianus</i>	2.47	297	extant	0	NA	LC	Frug/ginsect
	SA	Didelphimorphia	Didelphidae	<i>Caluromys</i>	<i>lanatus</i>	2.51	325	extant	0	NA	LC	Frug/ginsect
	SA	Didelphimorphia	Didelphidae	<i>Caluromys</i>	<i>philander</i>	2.36	229	extant	0	NA	LC	Frug/ginsect
	SA	Didelphimorphia	Didelphidae	<i>Caluromysiops</i>	<i>irrupta</i>	2.40	250	extant	0	NA	LC	Frug
	SA	Didelphimorphia	Didelphidae	<i>Chironectes</i>	<i>minimus</i>	2.98	946	extant	0	NA	LC	invert/piscivori
	SA	Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>albiventris</i>	2.96	904	extant	0	NA	LC	arn/invert/fru
	SA	Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>aurita</i>	3.07	1164	extant	0	NA	LC	arn/invert/fru
	SA	Didelphimorphia	Didelphidae	<i>Didelphis</i>	<i>marsupialis</i>	3.04	1091	extant	0	NA	LC	arn/invert/fru
	SA	Didelphimorphia	Didelphidae	<i>Glironia</i>	<i>venusta</i>	2.06	114	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>aceramarcae</i>	1.31	21	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>agilis</i>	1.34	22	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>dryas</i>	1.26	18	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>emiliae</i>	0.88	8	extant	0	NA	DD	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>marica</i>	1.38	24	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Gracilinanus</i>	<i>microtarsus</i>	1.49	31	extant	0	NA	LC	Ginsect/frug
	SA	Didelphimorphia	Didelphidae	<i>Lestodelphys</i>	<i>halli</i>	1.88	76	extant	0	NA	LC	Carn
	SA	Didelphimorphia	Didelphidae	<i>Lutreolina</i>	<i>crassicaudata</i>	2.73	537	extant	0	NA	LC	carn/ginsect

SA	Didelphimorphia	Didelphidae	<i>Makalata</i>	<i>macrura</i>	Long-tailed Tree Rat	1.32	21	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>andersoni</i>	Anderson's Mouse Opossum	1.68	47	extant	0	NA	DD	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>lepida</i>	Little Rufous Mouse Opossum	1.15	14	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>mexicana</i>	Mexican Mouse Opossum	1.69	49	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>murina</i>	Linnaeus's Mouse Opossum, Murine Mouse Opossum	1.41	26	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>robinsoni</i>	Robinson's Mouse Opossum	1.75	57	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>rubra</i>	Red Mouse Opossum	1.80	63	extant	0	NA	DD	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>tyleriana</i>	Tyler's Mouse Opossum	1.51	32	extant	0	NA	DD	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosa</i>	<i>xerophila</i>	Dryland Mouse Opossum	1.66	46	extant	Future	NA	VU	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>cracens</i>	Slim-faced Slender Mouse Opossum	1.41	26	extant	0	NA	DD	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>fuscatus</i>	Gray-bellied Slender Mouse Opossum	1.78	60	extant	0	NA	DD	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>handleyi</i>	Handley's Slender Mouse Opossum	1.49	31	extant	Future	NA	CR	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>impavidus</i>	Andean Slender Mouse Opossum	1.61	41	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>incanus</i>	Grey Slender Mouse Opossum, Gray Slender Mouse Opossum, Gray Slender Opossum	1.79	62	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>invictus</i>	Slaty Slender Mouse Opossum	1.47	29	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>noctivagus</i>	White-bellied Slender Mouse Opossum	1.32	21	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Marmosops</i>	<i>parvidens</i>	Delicate Slender Mouse Opossum, Delicate Slender Opossum, Opossum-souris D_licat	1.18	15	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Metachirus</i>	<i>nudicaudatus</i>	Brown Four-eyed Opossum	2.57	375	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Micoureus</i>	<i>alstoni</i>	Alston's Woolly Mouse Opossum	2.12	132	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Micoureus</i>	<i>constantiae</i>		1.95	90	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Micoureus</i>	<i>demerarae</i>		1.88	76	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Micoureus</i>	<i>regina</i>		2.07	119	extant	0	NA	LC	Ginsect/frug
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>adusta</i>	Sepia Short-tailed Opossum	1.54	35	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>americana</i>	Northern Three-striped Opossum, Three-striped Short-tailed Opossum	1.29	20	extant	0	NA	LC	ginsect/carn

SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>brevicaudata</i>	Northern Red-sided Opossum, Red-legged Short-tailed Opossum	1.84	70	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>dimidiata</i>	Southern Short-tailed Opossum, Yellow-sided Opossum, Eastern Short-tailed Opossum	1.76	58	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>domestica</i>	Grey Short-tailed Opossum, Gray Short-tailed Opossum	1.85	71	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>emiliae</i>	Emilia's Short-tailed Opossum	1.60	40	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>iheringi</i>	Ihering's Short-tailed Opossum, Ihering's Three-striped Opossum	2.05	112	extant	0	NA	DD	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>kunsi</i>	Pygmy Short-tailed Opossum	1.05	11	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>osgoodi</i>	Osgood's Short-tailed Opossum	2.05	112	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>rubida</i>	Three-striped Short-tailed Opossum	1.66	46	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>scalops</i>	Long-nosed Short-tailed Opossum	2.87	741	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>sorex</i>		1.68	48	extant	0	NA	LC	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>theresa</i>	Long-nosed Short-tailed Opossum	2.05	112	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Monodelphis</i>	<i>unistriata</i>	Single-striped Opossum	1.74	55	extant	Future	NA	CR	Ginsect
SA	Didelphimorphia	Didelphidae	<i>Philander</i>	<i>andersoni</i>	Anderson's Four-eyed Opossum, Black Four-eyed Opossum	2.51	325	extant	0	NA	LC	carn/ginsect
SA	Didelphimorphia	Didelphidae	<i>Philander</i>	<i>opossum</i>	Gray Four-eyed Opossum, Guaiki	2.62	421	extant	0	NA	LC	carn/ginsect
SA	Didelphimorphia	Didelphidae	<i>Thylamys</i>	<i>elegans</i>	Elegant Fat-tailed Mouse Opossum, Elegant Fat-tailed Opossum	1.46	29	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Thylamys</i>	<i>pallidior</i>	Pallid Fat-tailed Opossum, White-bellied Fat-tailed Mouse Opossum	1.17	15	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Thylamys</i>	<i>pusillus</i>	Small Fat-tailed Opossum	1.61	41	extant	0	NA	LC	ginsect/carn
SA	Didelphimorphia	Didelphidae	<i>Thylamys</i>	<i>velutinus</i>	Dwarf Fat-tailed Mouse Opossum, Velvety Fat-tailed Opossum	1.32	21	extant	0	NA	LC	ginsect/carn
SA	Insectivora	Soricidae	<i>Cryptotis</i>	<i>avia</i>	Thomas' Small-eared Shrew	1.04	11	extant	0	NA	LC	Ginsect
SA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>brasiliensis</i>	Tapeti, Forest Rabbit	2.98	950	extant	0	NA	LC	Browse
SA	Lagomorpha	Leporidae	<i>Sylvilagus</i>	<i>floridanus</i>	Eastern Cottontail	3.07	1173	extant	0	NA	LC	Browse
SA	Litopterna	Macrauchenidae	<i>Macrauchenia</i>	<i>patachonica</i>		5.99	988000	extinct	TP	10	EX	Graze

SA	Litopterna	Macraucheniiidae	<i>Windhausenina</i>	<i>sp.</i>		5.85	700000	extinct	TP	12	EX	Graze
SA	Microbiotheria	Microbiotheriidae	<i>Dromiciops</i>	<i>gliroides</i>	Monito del Monte	1.35	22	extant	Future	NA	NT	Ginsect
SA	Notoungulata	Toxodontidae	<i>Mixotoxodon</i>	<i>larensis</i>		6.00	1000000	extinct	TP	12	EX	Browse/graze
SA	Notoungulata	Toxodontidae	<i>Toxodon</i>	<i>bilobidens</i>		6.04	1100000	extinct	TP	12	EX	Browse/graze
SA	Notoungulata	Toxodontidae	<i>Toxodon</i>	<i>paradoxus</i>		6.00	1000000	extinct	TP	10	EX	Browse/graze
SA	Notoungulata	Toxodontidae	<i>Toxodon</i>	<i>platensis</i>		6.22	1642000	extinct	TP	12	EX	Browse/graze
SA	Notoungulata	Toxodontidae	<i>Toxodon</i>	<i>protoburmeisteri</i>		6.04	1100000	extinct	TP	NA	EX	Browse/graze
SA	Paucituberculata	Caenolestidae	<i>Caenolestes</i>	<i>caniventer</i>	Gray-bellied Shrew Opossum, Pale-bellied Shrew Opossum, Gray-bellied Caenolestid Blackish Shrew	1.60	40	extant	Future	NA	NT	ginsect/carn
SA	Paucituberculata	Caenolestidae	<i>Caenolestes</i>	<i>convelatus</i>	Opossum, Northern Shrew Opossum, Northern Caenolestid Silky Shrew Opossum, Ecuadorean Shrew-	1.60	40	extant	Future	NA	VU	ginsect/carn
SA	Paucituberculata	Caenolestidae	<i>Caenolestes</i>	<i>fuliginosus</i>	opossum, Dusky Caenolestid, Common Grey Shrew Opossum	1.44	28	extant	0	NA	LC	ginsect/carn
SA	Paucituberculata	Caenolestidae	<i>Lestoros</i>	<i>inca</i>	Incan Shrew Opossum	1.32	21	extant	0	NA	LC	ginsect/carn
SA	Paucituberculata	Caenolestidae	<i>Rhyncholestes</i>	<i>raphanurus</i>	Chilean Caenolestid, Chilean Shrew Opossum, Long-nosed Caenolestid	1.32	21	extant	Future	NA	NT	ginsect/carn
SA	Perissodactyla	Equidae	<i>Equus</i>	<i>andium</i>		5.34	220000	extinct	TP	11.9	EX	graze
SA	Perissodactyla	Equidae	<i>Equus</i>	<i>insulatus</i>		5.55	351000	extinct	TP	11	EX	graze
SA	Perissodactyla	Equidae	<i>Equus</i>	<i>lasallei</i>		5.54	350000	extinct	TP	11	EX	graze
SA	Perissodactyla	Equidae	<i>Equus</i>	<i>neogeus</i>	allochthonous sp	5.58	378000	extinct	TP	11.9	EX	graze
SA	Perissodactyla	Equidae	<i>Equus</i>	<i>santaeelenae</i>		5.54	350000	extinct	TP	11	EX	graze
SA	Perissodactyla	Equidae	<i>Hippidion</i>	<i>principale</i>	allochthonous sp	5.71	511000	extinct	TP	12	EX	Graze
SA	Perissodactyla	Equidae	<i>Hippidion</i>	<i>sp.</i>		5.42	265000	extinct	TP	11.9	EX	Graze
SA	Perissodactyla	Equidae	<i>Onohippidium</i>	<i>saldiasi</i>		5.49	310700	extinct	TP	13.4	EX	Graze
SA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>bairdii</i>	Baird's Tapir, Central American Tapir	5.48	299999	extant	Future	NA	EN	browse/graze
SA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>pinchaque</i>	Mountain Tapir, Woolly Tapir, Andean Tapir	5.17	148950	extant	Future	NA	EN	browse/graze
SA	Perissodactyla	Tapiridae	<i>Tapirus</i>	<i>terrestris</i>	Lowland Tapir, South American Tapir, Brazilian Tapir	5.32	207501	extant	Future	NA	VU	browse/graze
SA	Pilosa	Bradypodidae	<i>Bradypus</i>	<i>torquatus</i>	Maned Three-toed Sloth, Maned Sloth, Brazilian Three-toed Sloth	3.59	3900	extant	Future	NA	VU	Browse
SA	Pilosa	Bradypodidae	<i>Bradypus</i>	<i>tridactylus</i>	Pale-throated Three-toed Sloth, Pale-throated Sloth	3.59	3850	extant	0	NA	LC	Browse
SA	Pilosa	Bradypodidae	<i>Bradypus</i>	<i>variegatus</i>	Brown-throated Sloth, Brown-throated Three-toed Sloth, Bolivian Three-toed Sloth	3.64	4335	extant	0	NA	LC	Browse

SA	Pilosa	Cyclopedidae	<i>Cyclopes</i>	<i>didactylus</i>	Silky Anteater, Pygmy Anteater	2.52	330	extant	0	NA	LC	Ginsect
SA	Pilosa	Megalonychidae	<i>Choloepus</i>	<i>didactylus</i>	Linn_'s Two-toed Sloth, Unau, Southern Two-toed Sloth, Linnaeus's Two-toed Sloth	3.71	5160	extant	0	NA	LC	Browse
SA	Pilosa	Megalonychidae	<i>Choloepus</i>	<i>hoffmanni</i>	Hoffmann's Two-toed Sloth	3.54	3500	extant	0	NA	LC	Browse
SA	Pilosa	Megalonychidae	<i>Ocnopus</i>	<i>gracilis</i>		5.48	300000	extinct	TP	11	EX	Browse
SA	Pilosa	Megalonychidae	<i>Valgipes</i>	<i>deformis</i>		5.30	200000	extinct	TP	11	EX	Browse
SA	Pilosa	Megatheriidae	<i>Eremotherium</i>	<i>laurillardii</i>		6.54	3500000	extinct	TP	10	EX	browse
SA	Pilosa	Megatheriidae	<i>Megatherium</i>	<i>americanum</i>		6.80	6265000	extinct	TP	10	EX	Browse
SA	Pilosa	Megatheriidae	<i>Megatherium</i>	<i>tarijense</i>		6.54	3500000	extinct	TP	15	EX	Browse
SA	Pilosa	Mylodontidae	<i>Glossotherium</i>	<i>myloides</i>	giant ground sloth	6.08	1200000	extinct	TP	12	EX	Browse
SA	Pilosa	Mylodontidae	<i>Glossotherium</i>	<i>robustum</i>	giant ground sloth	6.23	1713000	extinct	TP	10	EX	Browse
SA	Pilosa	Mylodontidae	<i>Lestodon</i>	<i>armatus</i>	giant ground sloth	6.53	3397000	extinct	TP	12	EX	Browse
SA	Pilosa	Mylodontidae	<i>Mylodon</i>	<i>darwini?</i> <i>M. listai?</i>		6.40	2500000	extinct	TP	10	EX	Browse
SA	Pilosa	Mylodontidae	<i>Scelidodon</i>	<i>sp.</i>		6.00	1000000	extinct	TP	13.6	EX	Browse
SA	Pilosa	Mylodontidae	<i>Scelidotherium</i>	<i>leptocephalum</i>	large ground sloth	6.05	1119000	extinct	TP	13.4	EX	Browse
SA	Pilosa	Myrmecophagidae	<i>Myrmecophaga</i>	<i>tridactyla</i>	Giant Anteater	4.35	22333	extant	Future	NA	VU	Ginsect
SA	Pilosa	Myrmecophagidae	<i>Tamandua</i>	<i>mexicana</i>	Northern Tamandua	3.62	4210	extant	0	NA	LC	Ginsect
SA	Pilosa	Myrmecophagidae	<i>Tamandua</i>	<i>tetradactyla</i>	Southern Tamandua, Northern Tamandua, Collared Anteater, Tamandua, Lesser Anteater	3.74	5515	extant	0	NA	LC	Ginsect
SA	Pilosa	Nothrotheriidae	<i>Nothropus</i>	<i>spp.</i>		5.00	100000	extinct	TP	NA	EX	Browse
SA	Pilosa	Nothrotheriidae	<i>Nothrotherium</i>	<i>maquinense</i>		5.18	150000	extinct	TP	11	EX	Browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>hershkovitzi</i>	Colombian Night Monkey	2.90	800	extant	Future	NA	VU	frug/browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>lemurinus</i>	Colombian Night Monkey, Lemurine Night Monkey, Gray-bellied Night Monkey	2.94	873	extant	Future	NA	VU	frug/browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>miconax</i>	Andean Night Monkey, Peruvian Night Monkey, Mono Lechuza	2.90	800	extant	Future	NA	VU	frug/browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>nancymae</i>	Nancy Ma's Night Monkey, Peruvian Red-necked Owl Monkey, Ma's Night Monkey	2.90	788	extant	0	NA	LC	frug/browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>nigriceps</i>	Black-headed Night Monkey, Peruvian Night Monkey	3.03	1060	extant	0	NA	LC	frug/browse
SA	Primates	Aotidae	<i>Aotus</i>	<i>trivirgatus</i>	Northern Night Monkey, Three-striped Gray Night Monkey, Douroucouli, Northern Owl Monkey, Owl Monkey, Night Monkey, Three-striped Night Monkey	2.95	900	extant	0	NA	LC	frug/browse

SA	Primates	Aotidae	<i>Aotus</i>	<i>vociferans</i>	Spix's Night Monkey, Spix's Owl Monkey, Noisy Night Monkey, Colombian Gray Night Monkey, Night Monkey	2.94	873	extant	0	NA	LC	frug/browse
SA	Primates	Atelidae	<i>Alouatta</i>	<i>belzebul</i>	Red-handed Howler Monkey, Black and Red Howler, Red-handed Howler, Red-handed Howling Monkey	3.81	6400	extant	Future	NA	VU	Browse/frug
SA	Primates	Atelidae	<i>Alouatta</i>	<i>caraya</i>	Black-and-gold Howler Monkey, Black Howling Monkey, Black Howler Monkey, Black Howler	3.77	5862	extant	0	NA	LC	Browse/frug
SA	Primates	Atelidae	<i>Alouatta</i>	<i>palliata</i>	Mantled Howler Monkey, South Pacific Blackish Howling Monkey, Ecuadorian Mantled Howling Monkey, Mantled Howler	3.86	7275	extant	0	NA	LC	Browse/frug
SA	Primates	Atelidae	<i>Alouatta</i>	<i>sara</i>	Bolivian Red Howler Monkey, Bolivian Red Howling Monkey, Bolivian Red Howler	3.82	6611	extant	0	NA	LC	Browse/frug
SA	Primates	Atelidae	<i>Alouatta</i>	<i>seniculus</i>	Juruá Red Howler Monkey	3.79	6146	extant	0	NA	LC	Browse/frug
SA	Primates	Atelidae	<i>Ateles</i>	<i>belzebuth</i>	White-bellied Spider Monkey, White-fronted Spider Monkey, Long- haired Spider Monkey	3.70	5000	extant	Future	NA	EN	frug/browse
SA	Primates	Atelidae	<i>Ateles</i>	<i>chamek</i>	Black-faced Black Spider Monkey, Peruvian Black Spider Monkey, Peruvian Spider Monkey, Chamek Spider Monkey	3.78	6000	extant	Future	NA	EN	frug/browse
SA	Primates	Atelidae	<i>Ateles</i>	<i>fusciceps</i>	Brown-headed Spider Monkey, Black-headed Spider Monkey	3.96	9100	extant	Future	NA	CR	frug/browse
SA	Primates	Atelidae	<i>Ateles</i>	<i>marginatus</i>	White-cheeked Spider Monkey, White- whiskered Spider Monkey	3.78	6000	extant	Future	NA	EN	frug/browse
SA	Primates	Atelidae	<i>Ateles</i>	<i>paniscus</i>	Guiana Spider Monkey, Red-faced Black Spider Monkey, Red-faced Spider Monkey, Black Spider Monkey	3.90	7900	extant	Future	NA	VU	frug/browse

SA	Primates	Atelidae	<i>Brachyteles</i>	<i>arachnoides</i>	Southern Muriqui, Southern Woolly Spider Monkey, Woolly Spider Monkey, Muriqui Common Woolly Monkey, Humboldt's Woolly Monkey, Woolly Monkey	4.13	13500	extant	Future	NA	EN	Browse/frug
SA	Primates	Atelidae	<i>Lagothrix</i>	<i>lagotricha</i>	Black And White Tassel-ear Marmoset	3.80	6300	extant	Future	NA	VU	Frug
SA	Primates	Callitrichidae	<i>Callithrix</i>	<i>humeralifer</i>	Golden-headed Lion Tamarin	2.54	350	extant	0	NA	DD	Frug/insect
SA	Primates	Callitrichidae	<i>Leontopithecus</i>	<i>chrysomela</i>	Brown Howler, Brown Howling Monkey, Southern Brown Howling Monkey, Brown Howler Monkey	2.85	700	extant	Future	NA	EN	Ginsect/frug
SA	Primates	Cebidae	<i>Alouatta</i>	<i>guariba</i>	Azara's Night Monkey	3.90	8000	extant	0	NA	LC	Browse/frug
SA	Primates	Cebidae	<i>Aotus</i>	<i>azarae</i>	Brumback's Night Monkey	2.98	963	extant	0	NA	LC	frug/browse
SA	Primates	Cebidae	<i>Aotus</i>	<i>brumbacki</i>	Feline Night Monkey	2.90	800	extant	Future	NA	VU	frug/browse
SA	Primates	Cebidae	<i>Aotus</i>	<i>infulatus</i>		2.90	800	extant	Future	NA	NT	frug/browse
SA	Primates	Cebidae	<i>Caipora</i>	<i>bambuiorum</i>	Goeldi's Monkey, Callimico, Goeldi's Tamarin, Goeldi's Marmoset	4.31	20500	extinct	TP	11	EX	Frug/browse
SA	Primates	Cebidae	<i>Callimico</i>	<i>goeldii</i>	Silvery Marmoset	2.68	480	extant	Future	NA	VU	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>argentata</i>	Buffy-tufted-ear Marmoset, White-eared Marmoset, Buffy-tufted Marmoset, Buffy Tufted-ear Marmoset	2.64	440	extant	0	NA	LC	Frug/insect
SA	Primates	Cebidae	<i>Callithrix</i>	<i>aurita</i>	Buffy-headed Marmoset	2.53	342	extant	Future	NA	VU	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>flaviceps</i>	Geoffroy's Tufted-ear Marmoset, White-fronted Marmoset, White-faced Marmoset, Geoffroy's Marmoset, White-headed Marmoset	2.53	342	extant	Future	NA	EN	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>geoffroyi</i>	Common Marmoset, White-tufted-ear Marmoset	2.53	342	extant	0	NA	LC	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>jacchus</i>	Wied's Marmoset, Wied's Black-tufted-ear Marmoset	2.47	292	extant	0	NA	LC	Frug/insect
SA	Primates	Cebidae	<i>Callithrix</i>	<i>kuhlii</i>	Black-pencilled Marmoset, Black-tufted Marmoset, Black-tufted-ear Marmoset	2.53	342	extant	Future	NA	NT	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>penicillata</i>	Pygmy Marmoset	2.53	342	extant	0	NA	LC	Ginsect/frug
SA	Primates	Cebidae	<i>Callithrix</i>	<i>pygmaea</i>		2.10	125	extant	0	NA	LC	Frug/insect

SA	Primates	Cebidae	<i>Cebus</i>	<i>albifrons</i>	Humboldt's White-fronted Capuchin, White-fronted Capuchin	3.42	2629	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Cebus</i>	<i>apella</i>		3.40	2500	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Cebus</i>	<i>capucinus</i>	white-headed capuchin	3.44	2733	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Cebus</i>	<i>olivaceus</i>	wedge-capped capuchin	3.41	2600	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Leontopithecus</i>	<i>chrysopygus</i>	Black Lion Tamarin, Golden-rumped Lion Tamarin	2.85	700	extant	Future	NA	EN	Ginsect/frug
SA	Primates	Cebidae	<i>Leontopithecus</i>	<i>rosalia</i>	Golden Lion Tamarin	2.73	536	extant	Future	NA	EN	Frug/ginsect
SA	Primates	Cebidae	<i>Oreonax</i>	<i>flavicauda</i>	Peruvian Yellow-tailed Woolly Monkey, Yellow-tailed Woolly Monkey	3.83	6800	extant	Future	NA	CR	Frug
SA	Primates	Cebidae	<i>Saguinus</i>	<i>bicolor</i>	Brazilian Bare-faced Tamarin, Pied Bare-faced Tamarin, Pied Bare-face Tamarin, Pied Tamarin	2.67	465	extant	Future	NA	EN	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>fuscicollis</i>	Saddleback Tamarin, Andean Saddle-back Tamarin	2.59	387	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>geoffroyi</i>	Geoffroy's Tamarin, Red Crested Bare-face Tamarin, Geoffroy's Tamarin	2.69	486	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>imperator</i>	Emperor Tamarin, Black-chinned Emperor Tamarin	2.60	400	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>inustus</i>	Mottled-face Tamarin, Mottle-face Tamarin	2.61	410	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>labiatus</i>	Red-chested Mustached Tamarin, Red-bellied Tamarin	2.76	575	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>leucopus</i>	Silvery-brown Tamarin, White-footed Tamarin, Silvery-brown Bare-face Tamarin	2.64	440	extant	Future	NA	EN	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>midas</i>	Golden-handed Tamarin, Midas Tamarin, Red-handed Tamarin, Yellow-handed Tamarin	2.73	540	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>mystax</i>	Moustached Tamarin, Spix's Moustached Tamarin, Black-chested Mustached Tamarin	2.79	618	extant	0	NA	LC	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>nigricollis</i>	Black Mantle Tamarin, Hern�ndez-camacho's Black Mantle Tamarin	2.66	462	extant	0	NA	LC	Ginsect/frug

SA	Primates	Cebidae	<i>Saguinus</i>	<i>oedipus</i>	Cotton-headed Tamarin, Cotton-top Tamarin	2.63	430	extant	Future	NA	CR	Frug/ginsect
SA	Primates	Cebidae	<i>Saguinus</i>	<i>tripartitus</i>	Golden-mantle Saddleback Tamarin, Golden-mantled Saddle- back Tamarin, Golden- mantled Tamarin	2.59	393	extant	Future	NA	NT	Frug/ginsect
SA	Primates	Cebidae	<i>Saimiri</i>	<i>boliviensis</i>	Bolivian/peruvian Squirrel Monkey, Bolivian Squirrel Monkey, Black-headed Squirrel Monkey	2.79	615	extant	0	NA	LC	Frug
SA	Primates	Cebidae	<i>Saimiri</i>	<i>sciureus</i>	Common Squirrel Monkey, South American Squirrel Monkey	2.87	743	extant	0	NA	LC	Frug
SA	Primates	Cebidae	<i>Saimiri</i>	<i>ustus</i>	Golden-backed Squirrel Monkey, Bare-eared Squirrel Monkey, Golden-backed Squirrel Monkey	3.00	1000	extant	Future	NA	NT	Frug
SA	Primates	Cebidae	<i>Saimiri</i>	<i>vanzolinii</i>	Black-headed Squirrel Monkey, Black Squirrel Monkey	2.89	770	extant	Future	NA	VU	Frug
SA	Primates	Pitheciidae	<i>Cacajao</i>	<i>calvus</i>	Bald-headed Uacari, White Uakari, Bald Uacari, Bald Uakari, Red-and-white Uacari, Red Uakari, Bald- headed Uakari	3.76	5796	extant	Future	NA	VU	Frug/browse
SA	Primates	Pitheciidae	<i>Cacajao</i>	<i>melanocephalus</i>	Ayres Black Uakari,	3.49	3100	extant	Future	NA	VU	Frug
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>brunneus</i>	Brown Titi Monkey, Brown Titi	3.00	992	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>caligatus</i>	Chestnut-bellied Titi, Booted Titi, Booted Titi, Chestnut-bellied Titi Monkey, Titi Monkey	3.00	992	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>cinerascens</i>	Ashy Black Titi Monkey, Ashy Titi, Ashy-grey Titi, Ashy Black Titi, Titi Monkey	3.00	992	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>cupreus</i>	Coppery Titi Monkey, Coppery Titi, Red Titi Monkey	2.96	915	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>donacophilus</i>	Bolivian Gray Titi, Titi Monkey, Bolivian Titi, Bolivian Titi Monkey, Bolivian Grey Titi, White-eared Titi, White Eared Titi	2.90	795	extant	0	NA	LC	Frug/browse

SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>dubius</i>	Hershkovitz's Titi, Dubius Titi, Doubtful Titi Monkey	3.00	992	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>hoffmannsi</i>	Hoffmann's Titi Monkey, Hoffmanns's Titi	3.00	992	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>modestus</i>	Beni Titi Monkey, Rio Beni Titi, Modest Titi, Bolivian Titi, Titi Monkey	3.00	992	extant	Future	NA	EN	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>moloch</i>	Red-bellied Titi Monkey, Dusky Titi, Red-bellied Titi, Titi Monkey	2.93	855	extant	0	NA	LC	Browse/frug
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>oenanthe</i>	San Martin Titi Monkey, Rio Mayo Titi Monkey, Rio Mayo Titi, Andean Titi Monkey	3.00	992	extant	Future	NA	CR	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>olallae</i>	Olalla Brothers' Titi, Olalla's Titi Monkey, Olalla's Titi, Beni Titi Monkey, Ollala Brothers' Titi	3.00	992	extant	Future	NA	EN	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>personatus</i>	Atlantic Titi, Northern Masked Titi, Masked Titi	3.13	1350	extant	Future	NA	VU	Frug/browse
SA	Primates	Pitheciidae	<i>Callicebus</i>	<i>torquatus</i>	Collared Titi Monkey, Widow Monkey, Collared Titi, Yellow Handed Titi	3.02	1050	extant	0	NA	LC	Frug
SA	Primates	Pitheciidae	<i>Chiropotes</i>	<i>albinasus</i>	White-nosed Saki, Red- nosed Bearded Saki, White-nosed Bearded Saki, Red-nosed Saki	3.46	2900	extant	Future	NA	EN	Frug
SA	Primates	Pitheciidae	<i>Chiropotes</i>	<i>satanas</i>	Black Bearded Saki, Black Saki, Bearded Saki, Brown-bearded Saki	3.48	3000	extant	Future	NA	CR	Frug
SA	Primates	Pitheciidae	<i>Pithecia</i>	<i>aequatorialis</i>	Equatorial Saki	3.35	2250	extant	0	NA	LC	Frug/browse
SA	Primates	Pitheciidae	<i>Pithecia</i>	<i>albicans</i>	Buffy Saki, White Saki	3.45	2800	extant	Future	NA	VU	Frug/browse
SA	Primates	Pitheciidae	<i>Pithecia</i>	<i>irrorata</i>	Vanzolini's Bald-faced Saki	3.35	2241	extant	0	NA	DD	Frug/browse
SA	Primates	Pitheciidae	<i>Pithecia</i>	<i>monachus</i>	Miller's Saki	3.19	1538	extant	0	NA	DD	Frug/browse
SA	Primates	Pitheciidae	<i>Pithecia</i>	<i>pithecia</i>	White-faced Saki	3.14	1375	extant	0	NA	LC	Frug/browse
SA	Proboscidea	Gomphotheriidae	<i>Cuvieronius</i>	<i>hyodon</i>		6.70	5000000	extinct	TP	11.9	EX	browse
SA	Proboscidea	Gomphotheriidae	<i>Stegomastodon</i>	<i>platensis</i>		6.79	6193000	extinct	TP	11.9	EX	Browse
SA	Proboscidea	Gomphotheriidae	<i>Stegomastodon</i>	<i>superbus</i>		6.88	7580000	extinct	TP	11.9	EX	Browse
SA	Proboscidea	Gomphotheriidae	<i>Stegomastodon</i>	<i>waringi</i>		6.78	6000000	extinct	TP	10	EX	Browse
SA	Rodentia	Abrocomidae	<i>Abrocoma</i>	<i>bennettii</i>	Bennett's Chinchilla Rat	2.40	251	extant	0	NA	LC	Browse/frug
SA	Rodentia	Abrocomidae	<i>Abrocoma</i>	<i>boliviensis</i>	Bolivian Chinchilla Rat	2.20	158	extant	Future	NA	CR	Browse/frug
SA	Rodentia	Abrocomidae	<i>Abrocoma</i>	<i>cinerea</i>	Ashy Chinchilla Rat	2.40	250	extant	0	NA	LC	Browse/frug
SA	Rodentia	Agoutidae	<i>Cuniculus</i>	<i>paca</i>	Spotted Paca	3.90	8000	extant	0	NA	LC	frug/browse

SA	Rodentia	Agoutidae	<i>Cuniculus</i>	<i>taczanowskii</i>	Mountain Paca	3.95	9000	extant	Future	NA	NT	
SA	Rodentia	Caviidae	<i>Cavia</i>	<i>aperea</i>	Brazilian Guinea Pig	2.74	549	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Cavia</i>	<i>fulgida</i>	Shiny Guinea Pig	2.45	283	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Cavia</i>	<i>magna</i>	Greater Guinea Pig	2.66	460	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Cavia</i>	<i>porcellus</i>	guinea pig	2.86	728	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Cavia</i>	<i>tschudii</i>	Montane Guinea Pig	3.00	1000	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Dolichotis</i>	<i>patagonum</i>	Patagonian Cavy, Patagonian Hare, Patagonian Mara Dwarf Patagonian Cavy,	3.90	8000	extant	Future	NA	NT	Browse
SA	Rodentia	Caviidae	<i>Dolichotis</i>	<i>salinicola</i>	Dwarf Mara, Dwarf Patagonian Hare, Chacoan Mara	3.20	1600	extant	0	NA	LC	Browse
SA	Rodentia	Caviidae	<i>Galea</i>	<i>flavidens</i>	Yellow-toothed Cavy	2.65	450	extant	0	NA	LC	graze/browse
SA	Rodentia	Caviidae	<i>Galea</i>	<i>musteloides</i>	Common Yellow- toothed Cavy	2.68	480	extant	0	NA	LC	graze/browse
SA	Rodentia	Caviidae	<i>Galea</i>	<i>spixii</i>	Spix's Yellow-toothed Cavy	2.51	326	extant	0	NA	LC	graze/browse
SA	Rodentia	Caviidae	<i>Kerodon</i>	<i>rupestris</i>	Rock Cavy	2.90	800	extant	0	NA	LC	Browse
SA	Rodentia	Caviidae	<i>Microcavia</i>	<i>australis</i>	Southern Mountain Cavy	2.46	286	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Microcavia</i>	<i>niata</i>	Andean Mountain Cavy	2.41	255	extant	0	NA	LC	Browse/frug
SA	Rodentia	Caviidae	<i>Microcavia</i>	<i>shiptoni</i>	Shipton's Mountain Cavy	2.27	185	extant	Future	NA	NT	Browse/frug
SA	Rodentia	Chinchillidae	<i>Chinchilla</i>	<i>chinchilla</i>	Short-tailed Chinchilla	2.70	500	extant	Future	NA	CR	Browse/frug
SA	Rodentia	Chinchillidae	<i>Chinchilla</i>	<i>lanigera</i>	Long-tailed Chinchilla, Chinchilla	2.62	417	extant	Future	NA	CR	Browse/frug
SA	Rodentia	Chinchillidae	<i>Lagidium</i>	<i>peruanum</i>	Southern Mountain Viscacha	3.09	1220	extant	0	NA	LC	Browse/frug
SA	Rodentia	Chinchillidae	<i>Lagidium</i>	<i>viscacia</i>	Southern Mountain Viscacha, Southern Viscacha	3.19	1540	extant	0	NA	LC	Browse/frug
SA	Rodentia	Chinchillidae	<i>Lagidium</i>	<i>wolffsohni</i>	Wolffsohn's Viscacha	3.43	2682	extant	0	NA	DD	Browse/frug
SA	Rodentia	Chinchillidae	<i>Lagostomus</i>	<i>maximus</i>	Plains Viscacha	3.67	4648	extant	0	NA	LC	graze/frug
SA	Rodentia	Cricetidae	<i>Abrawayaomys</i>	<i>ruschii</i>	Ruschi's Rat	1.80	63	extant	0	NA	LC	frug/browse
SA	Rodentia	Cricetidae	<i>Aepeomys</i>	<i>lugens</i>	Olive Montane Mouse, M_rida Aepeomys	1.57	37	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>aerosus</i>	Highland Grass Mouse, Yungas Akodont	1.78	60	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>affinis</i>	Colombian Grass Mouse, Cordillera Occidental Akodont	1.40	25	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>albiventer</i>	White-bellied Grass Mouse, White-bellied Akodont	1.34	22	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>azarae</i>	Azara's Grass Mouse, Azara's Akodont	1.40	25	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>bogotensis</i>	Bogota Grass Mouse	1.11	13	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>boliviensis</i>	Bolivian Grass Mouse, Bolivian Akodont	1.44	28	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>budini</i>	Budin's Grass Mouse, Budini's Akodont	1.43	27	extant	0	NA	LC	sect/frug/bro

SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>cursor</i>	Cursor Grass Mouse, Cusorial Akodont	1.60	40	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>dayi</i>	Day's Grass Mouse, Dusky Akodont	1.51	33	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>dolores</i>	Cordoba Akodont, Dolorous Grass Mouse	1.70	51	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>fumeus</i>	Smoky Grass Mouse, Smoky Akodont	1.36	23	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>iniscatus</i>	Intelligent Grass Mouse, Patagonian Akodont	1.46	29	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>juninensis</i>	Junin Grass Mouse, Junín Akodont	1.59	39	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>kofordi</i>	Koford's Grass Mouse, Koford's Akodont	1.47	30	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>latebricola</i>	Ecuadorean Grass Mouse	1.59	39	extant	Future	NA	VU	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>lindberghi</i>	Lindbergh's Grass Mouse, Lindbergh's Akodont	1.42	26	extant	0	NA	DD	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>mimus</i>	Thespian Grass Mouse, Hocicudo-like Akodont	1.38	24	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>molinae</i>	Molina's Grass Mouse, Molina's Akodont	1.52	33	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>mollis</i>	Soft Grass Mouse, Soft- furred Akodont	1.48	30	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>neocenus</i>	Neuquén Akodont, Neuquen Grass Mouse	1.63	42	extant	0	NA	DD	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>orophilus</i>	El Dorado Grass Mouse, Utcubamba Akodont	1.59	39	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>sanctipaulensis</i>	Sao Paulo Grass Mouse, São Paulo Akodont	1.43	27	extant	0	NA	DD	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>serrensis</i>	Serrado Do Mar Grass Mouse, Serrado Mar Akodont, Serrado Mar Grass Mouse	1.45	28	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>siberiae</i>	Cochabamba Grass Mouse, Cochabamba Akodont	1.54	35	extant	Future	NA	NT	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>simulator</i>	Gray-bellied Grass Mouse, White-throated Akodont	1.63	43	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>spgazzinii</i>	Spegazzini's Grass Mouse, Spegazzini's Akodont	1.46	29	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>subfuscus</i>	Puno Grass Mouse, Puno Akodont	1.48	30	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>surdus</i>	Silent Grass Mouse, Slate-bellied Akodont	1.59	39	extant	Future	NA	VU	sect/frug/bro

SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>sylvanus</i>	Forest Grass Mouse, Woodland Akodont	1.59	39	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>toba</i>	Chaco Grass Mouse, Toba Akodont	1.71	51	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>torques</i>	Cloud Forest Grass Mouse, Cloud Forest Akodont	1.59	39	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Cricetidae	<i>Akodon</i>	<i>varius</i>	Variable Grass Mouse, Variable Akodont	1.60	40	extant	0	NA	DD	sect/frug/brow
SA	Rodentia	Cricetidae	<i>Andalgalomys</i>	<i>olrogi</i>	Olrog's Pericote, Olrog's Chaco Mouse	1.52	33	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Andalgalomys</i>	<i>pearsoni</i>	Pearson's Chaco Mouse, Pearson's Pericote	1.40	25	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Andinomys</i>	<i>edax</i>	Andean Mouse	1.84	70	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Anotomys</i>	<i>leander</i>	Ecuadoran Ichthyomyine, Ecuador Fish-eating Rat, Aquatic Rat, Fish-eating Rat	1.82	66	extant	Future	NA	VU	invert/piscivore
SA	Rodentia	Cricetidae	<i>Auliscomys</i>	<i>boliviensis</i>	Bolivian Big-eared Mouse, Bolivian Pericote	1.82	66	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Auliscomys</i>	<i>pictus</i>	Painted Big-eared Mouse, Colorful Pericote	1.74	55	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Auliscomys</i>	<i>sublimis</i>	Andean Big-eared Mouse, Lofty Pericote	1.58	38	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Bibimys</i>	<i>chacoensis</i>	Chaco Crimson-nosed Rat, Chacoan Akodont	1.45	28	extant	0	NA	LC	graze
SA	Rodentia	Cricetidae	<i>Bibimys</i>	<i>labiosus</i>	Large-lipped Crimson-nosed Rat, Lagoa Santa Akodont	1.46	29	extant	0	NA	LC	graze
SA	Rodentia	Cricetidae	<i>Bibimys</i>	<i>torresi</i>	Torres's Crimson-nosed Rat, Torres's Akodont	1.45	28	extant	Future	NA	NT	graze
SA	Rodentia	Cricetidae	<i>Blarinomys</i>	<i>breviceps</i>	Brazilian Shrew Mouse, Brazilian Shrew-mouse, Blarinine Akodont	1.57	37	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>boliviae</i>	Bolivian Vesper Mouse, Bolivian Laucha	1.43	27	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>callidus</i>	Crafty Vesper Mouse, Reclusive Laucha	1.43	27	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>callosus</i>	Large Vesper Mouse, Big Laucha	1.65	45	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>hummelincki</i>	Hummelinck's Vesper Mouse, Hummelinck's Laucha	1.43	27	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>laucha</i>	Small Vesper Mouse, Little Laucha	1.15	14	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>lepidus</i>	Andean Vesper Mouse, Graceful Laucha	1.42	27	extant	0	NA	LC	Browse

SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>musculus</i>	Drylands Vesper Mouse, Drylands Laucha	1.30	20	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>sorellus</i>	Peruvian Vesper Mouse, Peruvian Laucha	1.30	20	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Calomys</i>	<i>tener</i>	Delicate Vesper Mouse, Delicate Laucha	1.14	14	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Chelemys</i>	<i>macronyx</i>	Andean Long-clawed Mouse, Andean Long- clawed Akodont	1.87	73	extant	0	NA	LC	insect/browse
SA	Rodentia	Cricetidae	<i>Chelemys</i>	<i>megalonyx</i>	Large Long-clawed Mouse, Large Long- clawed Akodont	1.71	51	extant	Future	NA	NT	insect/browse
SA	Rodentia	Cricetidae	<i>Chibchanomys</i>	<i>trichotis</i>	Chibchan Water Mouse, Chibchan Ichthyomyine	1.70	50	extant	0	NA	DD	Ginsect
SA	Rodentia	Cricetidae	<i>Chilomys</i>	<i>instans</i>	Colombian Forest Mouse, Andean Chilomys	1.28	19	extant	0	NA	LC	sect/frug/bro
SA	Rodentia	Cricetidae	<i>Chinchillula</i>	<i>sahamae</i>	Altiplano Chincilla Mouse, Achallo	2.23	170	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Delomys</i>	<i>dorsalis</i>	Striped Atlantic Forest Rat	1.83	67	extant	0	NA	LC	frug/browse
SA	Rodentia	Cricetidae	<i>Delomys</i>	<i>sublineatus</i>	Pallid Atlantic Forest Rat	1.95	90	extant	0	NA	LC	frug/browse
SA	Rodentia	Cricetidae	<i>Eligmodontia</i>	<i>moreni</i>	Monte Gerbil Mouse	1.26	18	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Eligmodontia</i>	<i>morgani</i>	Morgan's Gerbil Mouse	1.22	17	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Eligmodontia</i>	<i>puerulus</i>	Andean Gerbil Mouse	1.45	29	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Eligmodontia</i>	<i>typus</i>	Eastern Patagonian Laucha, Highland Gerbil Mouse	1.24	17	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Euneomys</i>	<i>chinchilloides</i>	Patagonian Chincilla Mouse	1.94	88	extant	0	NA	DD	Browse
SA	Rodentia	Cricetidae	<i>Euneomys</i>	<i>fossor</i>	Burrowing Euneomys	1.92	83	extant	0	NA	DD	Browse
SA	Rodentia	Cricetidae	<i>Euneomys</i>	<i>mordax</i>	Biting Chincilla Mouse	1.91	82	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Euneomys</i>	<i>petersoni</i>	Peterson's Chincilla Mouse	1.92	83	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Galenomys</i>	<i>garleppi</i>	Gerlepp's Mouse	1.77	59	extant	0	NA	DD	Browse/frug
SA	Rodentia	Cricetidae	<i>Geoxus</i>	<i>valdivianus</i>	Long-clawed Mole Mouse	1.50	32	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Graomys</i>	<i>domorum</i>	Pale Leaf-eared Mouse	2.01	102	extant	0	NA	LC	graze/frug
SA	Rodentia	Cricetidae	<i>Graomys</i>	<i>edithae</i>	Edith's Leaf-eared Mouse	1.61	40	extant	0	NA	DD	graze/frug
SA	Rodentia	Cricetidae	<i>Graomys</i>	<i>griseoflavus</i>	Gray Leaf-eared Mouse	1.83	67	extant	0	NA	LC	graze/frug
SA	Rodentia	Cricetidae	<i>Holochilus</i>	<i>brasiliensis</i>	Web-footed Marsh Rat	2.19	155	extant	0	NA	LC	graze/browse
SA	Rodentia	Cricetidae	<i>Holochilus</i>	<i>chacarius</i>	Chaco Marsh Rat	2.31	204	extant	0	NA	LC	graze/browse
SA	Rodentia	Cricetidae	<i>Holochilus</i>	<i>sciureus</i>	Marsh Rat	2.23	171	extant	0	NA	LC	graze/browse
SA	Rodentia	Cricetidae	<i>Ichthyomys</i>	<i>hydrobates</i>	Crab-eating Rat	1.82	66	extant	Future	NA	NT	invert/piscivor
SA	Rodentia	Cricetidae	<i>Ichthyomys</i>	<i>pittieri</i>	Pittier's Crab-eating Rat	1.84	69	extant	Future	NA	VU	invert/piscivor

SA	Rodentia	Cricetidae	<i>Ichthyomys</i>	<i>stolzmanni</i>	Stolzmann's Crab-eating Rat	1.93	85	extant	0	NA	DD	invert/piscivori
SA	Rodentia	Cricetidae	<i>Ichthyomys</i>	<i>tweedii</i>	Tweedy's Crab-eating Rat	2.07	119	extant	0	NA	DD	invert/piscivori
SA	Rodentia	Cricetidae	<i>Irenomys</i>	<i>tarsalis</i>	Chilean Climbing Mouse, Large-footed Irenomys	1.63	43	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Isthmomy</i>	<i>pirrensis</i>	Mt. Pirri Isthmus Rat	2.14	138	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Juscelinomys</i>	<i>candango</i>	Candango Mouse	1.99	97	extinct	Holocene	NA	EX	rowse/ginsec
SA	Rodentia	Cricetidae	<i>Kunsia</i>	<i>fronto</i>	Fossorial Giant Rat	2.23	168	extant	Future	NA	EN	Browse
SA	Rodentia	Cricetidae	<i>Kunsia</i>	<i>tomentosus</i>	Woolly Giant Rat	2.06	116	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Lenoxus</i>	<i>apicalis</i>	Andean Rat	1.73	54	extant	0	NA	LC	iect/browse/i
SA	Rodentia	Cricetidae	<i>Melanomys</i>	<i>caliginosus</i>	Dusky Rice Rat	1.61	41	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Melanomys</i>	<i>robustus</i>	Robust Dark Rice Rat	1.73	54	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Melanomys</i>	<i>zunigae</i>	Zuniga's Dark Rice Rat	1.73	54	extant	Future	NA	CR	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Microryzomys</i>	<i>altissimus</i>	Highland Small Rice Rat, P'ramo Colilargo	1.13	14	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Microryzomys</i>	<i>minutus</i>	Forest Small Rice Rat, Montane Colilargo	1.13	14	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Neacomys</i>	<i>guianae</i>	Guiana Bristly Mouse	1.15	14	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neacomys</i>	<i>spinosus</i>	Bristly Mouse	1.28	19	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neacomys</i>	<i>tenuipes</i>	Narrow-footed Bristly Mouse	1.28	19	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Nectomys</i>	<i>palmipes</i>	Trinidad Water Rat	2.28	191	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Nectomys</i>	<i>squamipes</i>	South American Water Rat	2.28	191	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neotomys</i>	<i>ebriosus</i>	Andean Swamp Rat	1.81	65	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neusticomys</i>	<i>monticolus</i>	Montane Fish-eating Rat	1.60	40	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neusticomys</i>	<i>mussoi</i>	Musso's Fish-eating Rat	1.60	40	extant	Future	NA	EN	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neusticomys</i>	<i>oyapocki</i>	Oyapock's Fish-eating Rat	0.67	5	extant	0	NA	DD	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neusticomys</i>	<i>peruviensis</i>	Peruvian Fish-eating Rat	1.60	40	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Neusticomys</i>	<i>venezuelae</i>	Venezuelan Fish-eating Rat	1.67	47	extant	Future	NA	VU	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Notiomys</i>	<i>edwardsii</i>	Edwards's Long-clawed Mouse	1.33	21	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>bicolor</i>	Bicolored Arboreal Rice Rat	1.53	34	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>cleberi</i>	Cleber's Arboreal Rice Rat, Cleber's Oecomys	1.87	73	extant	0	NA	DD	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>concolor</i>	Unicolored Rice Rat, Unicolored Arboreal Rice Rat	1.79	62	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>flavicans</i>	Yellow Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>mamoreae</i>	Mamore Arboreal Rice Rat	1.80	63	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>paricola</i>	Brazilian Arboreal Rice Rat	1.87	73	extant	0	NA	DD	Frug

SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>phaeotis</i>	Dusky Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>rex</i>	King Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>roberti</i>	Robert's Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>rutilus</i>	Red Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>speciosus</i>	Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>superans</i>	Foothill Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oecomys</i>	<i>trinitatis</i>	Long-furred Rice Rat, Trinidad Arboreal Rice Rat	1.87	73	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>andinus</i>	Andean Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>arenalis</i>	Sandy Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>chacoensis</i>	Chacoan Pygmy Rice Rat	1.36	23	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>delticola</i>	Delta Pygmy Rice Rat	1.47	29	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>destructor</i>	Destructive Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>eliurus</i>	Brazilian Pygmy Rice Rat	1.48	30	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>flavescens</i>	Yellow Pygmy Rice Rat	1.33	21	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>fulvescens</i>	Fulvous Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>griseolus</i>	Grayish Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>longicaudatus</i>	Long-tailed Pygmy Rice Rat	1.43	27	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>magellanicus</i>	Magellanic Pygmy Rice Rat	1.40	25	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>microtis</i>	Small-eared Pygmy Rice Rat	1.35	23	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oligoryzomys</i>	<i>nigripes</i>	Black-footed Pygmy Rice Rat, Delta Pygmy Rice Rat	1.31	21	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>albigularis</i>	Tomes's Rice Rat	1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>alfaroi</i>		1.52	33	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>auriventer</i>		1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>balneator</i>	Peruvian Rice Rat	1.78	61	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>bolivaris</i>	Bolivar Rice Rat	1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>couesi</i>	Coues's Rice Rat	1.84	69	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>gorgasi</i>	Gorgas's Rice Rat	1.78	61	extant	Future	NA	EN	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>hammondi</i>	Hammond's Rice Rat	1.78	61	extant	Future	NA	EN	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>keaysi</i>	Keays's Rice Rat	1.77	58	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>lamia</i>	Monster Rice Rat	1.78	61	extant	Future	NA	EN	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>legatus</i>		1.79	62	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>levipes</i>		1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>macconnelli</i>		1.76	58	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>nitidus</i>		1.74	55	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>polius</i>	Gray Rice Rat	1.78	61	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>subflavus</i>	Terraced Rice Rat	1.70	50	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>talamancae</i>		1.74	55	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oryzomys</i>	<i>yunganus</i>		1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>akodontius</i>	Argentine Hociudo	1.83	68	extant	0	NA	DD	Ginsect

SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>angularis</i>	Angular Hociendo	1.83	68	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>delator</i>	Spy Hociendo	1.91	82	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>hiska</i>	Small Hociendo	1.83	68	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>hispidus</i>	Hispid Hociendo	1.57	37	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>hucucha</i>	Quechuan Hociendo	1.83	68	extant	Future	NA	EN	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>inca</i>	Incan Hociendo	1.54	35	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>nasutus</i>	Long-nosed Hociendo	1.83	68	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>paramensis</i>	Paramo Hociendo	1.62	42	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>roberti</i>	Robert's Hociendo	1.92	83	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Oxymycterus</i>	<i>rufus</i>	Red Hociendo	1.88	75	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Phaenomys</i>	<i>ferrugineus</i>	Rio De Janeiro Arboreal Rat	1.97	94	extant	Future	NA	VU	sect/frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>amicus</i>	Friendly Leaf-eared Mouse	1.31	20	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>andium</i>	Andean Leaf-eared Mouse	1.72	53	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>caprinus</i>	Capricorn Leaf-eared Mouse	1.71	51	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>darwini</i>	Darwin's Leaf-eared Mouse	1.71	51	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>definitus</i>	Definitive Leaf-eared Mouse	1.95	89	extant	Future	NA	EN	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>haggardi</i>	Haggard's Leaf-eared Mouse	1.63	43	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>magister</i>	Master Leaf-eared Mouse	1.84	69	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>osgoodi</i>	Osgood's Leaf-eared Mouse	1.65	45	extant	0	NA	DD	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>osilae</i>	Bunchgrass Leaf-eared Mouse	1.69	49	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>wolffsohni</i>	Wolffsohn's Leaf-eared Mouse	1.63	43	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Phyllotis</i>	<i>xanthopygus</i>	Yellow-rumped Leaf-eared Mouse	1.75	56	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Podoxymys</i>	<i>roraimae</i>	Roraima Mouse	1.53	34	extant	Future	NA	VU	sect/frug/browse
SA	Rodentia	Cricetidae	<i>Pseudoryzomys</i>	<i>simplex</i>	Brazilian False Rice Rat	1.71	51	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Punomys</i>	<i>lemminus</i>	Puna Mouse	1.93	85	extant	Future	NA	VU	Browse
SA	Rodentia	Cricetidae	<i>Reithrodon</i>	<i>auritus</i>	Bunny Rat	1.85	71	extant	0	NA	LC	graze
SA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>darienensis</i>	Darien Harvest Mouse	1.11	13	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Reithrodontomys</i>	<i>mexicanus</i>	Mexican Harvest Mouse	1.11	13	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Rhagomys</i>	<i>rufescens</i>	Brazilian Arboreal Mouse	1.33	21	extant	Future	NA	NT	sect/frug/browse
SA	Rodentia	Cricetidae	<i>Rheomys</i>	<i>raptor</i>	Goldman's Water Mouse	1.58	38	extant	0	NA	LC	invert
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>austrinus</i>	Southern Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>caucensis</i>	Cauca Climbing Mouse	1.95	89	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>couesi</i>	Coues's Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>fulviventer</i>	Buff-bellied Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect

SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>latimanus</i>	Broad-footed Climbing Mouse	1.76	58	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>leucodactylus</i>	White-footed Climbing Mouse	1.90	80	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>macconnelli</i>	Macconnell's Climbing Mouse	1.62	42	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>mastacalis</i>	Long-tailed Climbing Mouse	1.89	78	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>nitela</i>	Splendid Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>ochrogaster</i>	Yellow-bellied Climbing Mouse	1.95	89	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>venezuelae</i>	Venezuelan Climbing Mouse	1.95	90	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>venustus</i>	Charming Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Rhipidomys</i>	<i>wetzeli</i>	Wetzel's Climbing Mouse	1.95	89	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Scapteromys</i>	<i>tumidus</i>	Swamp Rat	2.16	146	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Scolomys</i>	<i>melanops</i>	South American Spiny Mouse	1.42	27	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Scolomys</i>	<i>ucayalensis</i>	Ucayali Spiny Mouse	1.42	27	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>alstoni</i>	Alston's Cotton Rat	1.75	56	extant	0	NA	LC	frug/carn
SA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>hispidus</i>	Hispid Cotton Rat	1.97	92	extant	0	NA	LC	frug/carn
SA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>inopinatus</i>	Unexpected Cotton Rat	2.15	141	extant	Future	NA	VU	frug/carn
SA	Rodentia	Cricetidae	<i>Sigmodon</i>	<i>peruanus</i>	Peruvian Cotton Rat	2.13	135	extant	0	NA	LC	frug/carn
SA	Rodentia	Cricetidae	<i>Sigmodontomys</i>	<i>alfari</i>	Alfaro's Rice Water Rat, Short-tailed Sigmodontomys	1.70	50	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Cricetidae	<i>Thalpomys</i>	<i>cerradensis</i>	Cerrado Mouse	1.38	24	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Thalpomys</i>	<i>lasiotis</i>	Hairy-eared Cerrado Mouse	1.38	24	extant	0	NA	LC	Ginsect
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>aureus</i>	Golden Oldfield Mouse	1.94	88	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>baeops</i>	Beady-eyed Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>bombycinus</i>	Silky Oldfield Mouse	2.06	115	extant	0	NA	DD	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>cinereiventer</i>	Ashy-bellied Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>cinereus</i>	Ash-colored Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>daphne</i>	Daphne's Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>eleusis</i>	Peruvian Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>gracilis</i>	Slender Oldfield Mouse	1.89	77	extant	Future	NA	NT	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>hylophilus</i>	Woodland Oldfield Mouse	1.89	77	extant	Future	NA	EN	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>incanus</i>	Inca Oldfield Mouse	1.89	77	extant	Future	NA	VU	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>kalinowskii</i>	Kalinowski's Oldfield Mouse	1.89	77	extant	Future	NA	VU	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>ladewi</i>	Ladew's Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>laniger</i>	Butcher Oldfield Mouse	1.55	36	extant	0	NA	LC	Browse

SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>monochromos</i>	Unicolored Oldfield Mouse	1.89	77	extant	Future	NA	EN	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>niveipes</i>	Snow-footed Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>notatus</i>	Distinguished Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>oreas</i>	Montane Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>paramorum</i>	Paramo Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>pyrrhonotus</i>	Thomas's Oldfield Mouse	1.89	77	extant	Future	NA	VU	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>rhoadsi</i>	Rhoads's Oldfield mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>rosalinda</i>	Rosalinda's Oldfield Mouse	1.89	77	extant	0	NA	DD	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>silvestris</i>	Forest Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>taczanowskii</i>	Taczanowski's Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Thomasomys</i>	<i>vestitus</i>	Dressy Oldfield Mouse	1.88	77	extant	0	NA	LC	Browse
SA	Rodentia	Cricetidae	<i>Tylomys</i>	<i>mirae</i>	Mira Climbing Rat	2.26	184	extant	0	NA	LC	Frug/browse
SA	Rodentia	Cricetidae	<i>Wiedomys</i>	<i>pyrrhorhinos</i>	Red-nosed Mouse	1.67	47	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Cricetidae	<i>Wilfredomys</i>	<i>oenax</i>	Greater Wilfred's Mouse	1.67	47	extant	Future	NA	EN	Browse
SA	Rodentia	Cricetidae	<i>Zygodontomys</i>	<i>brevicauda</i>	Short-tailed Cane Mouse	1.72	52	extant	0	NA	LC	Frug
SA	Rodentia	Cricetidae	<i>Zygodontomys</i>	<i>brunneus</i>	Brown Cane Mouse	1.88	76	extant	0	NA	LC	Frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>argentinus</i>	Argentine Tuco-tuco	2.34	221	extant	Future	NA	NT	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>australis</i>	Southern Tuco-tuco	2.56	362	extant	Future	NA	EN	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>azarae</i>	Azara's Tuco-tuco	2.60	400	extant	Future	NA	VU	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>boliviensis</i>	Bolivian Tuco-tuco	2.60	400	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>boliviensis</i>	Bolivian Tuco-tuco	2.73	535	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>bonettoi</i>	Bonetto's Tuco-tuco	2.31	202	extant	Future	NA	EN	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>brasiliensis</i>	Brazilian Tuco-tuco	2.60	400	extant	0	NA	DD	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>colburni</i>	Colburn's Tuco-tuco	2.60	400	extant	0	NA	DD	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>conoveri</i>	Conover's Tuco-tuco	2.93	860	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>dorsalis</i>	Chacoan Tuco-tuco	2.22	166	extant	0	NA	DD	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>emilianus</i>	Emily's Tuco-tuco	2.46	285	extant	Future	NA	NT	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>frater</i>	Forest Tuco-tuco	2.24	173	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>fulvus</i>	Tawny Tuco-tuco	2.42	262	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>haigi</i>	Haig's Tuco-tuco	2.21	164	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>knighti</i>	Catamarca Tuco-tuco	2.50	316	extant	0	NA	DD	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>latro</i>	Mottled Tuco-tuco	2.28	192	extant	Future	NA	VU	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>leucodon</i>	White-toothed Tuco-tuco	2.39	244	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>lewisi</i>	Lewis's Tuco-tuco, Lewis' Tuco-tuco	2.07	117	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>magellanicus</i>	Magellanic Tuco-tuco	2.43	272	extant	Future	NA	VU	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>maulinus</i>	Maule Tuco-tuco	2.33	215	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>mendocinus</i>	Mendoza Tuco-tuco	2.21	163	extant	0	NA	LC	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>minutus</i>	Tiny Tuco-tuco	1.96	92	extant	0	NA	DD	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>occultus</i>	Furtive Tuco-tuco	2.18	150	extant	Future	NA	EN	Browse/frug
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>opimus</i>	Highland Tuco-tuco	2.56	362	extant	0	NA	LC	Browse/frug

SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>pearsoni</i>	Pearson's Tuco-tuco	2.33	212	extant	Future	NA	NT	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>perrensis</i>	Goya Tuco-tuco	2.60	400	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>peruanus</i>	Peruvian Tuco-tuco	2.69	490	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>pontifex</i>	San Luis Tuco-tuco	2.60	400	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>porteousi</i>	Porteous's Tuco-tuco	2.28	192	extant	Future	NA	NT	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>saltarius</i>	Salta Tuco-tuco	2.36	230	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>sericeus</i>	Silky Tuco-tuco	2.60	400	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>sociabilis</i>	Social Tuco-tuco	2.60	400	extant	Future	NA	CR	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>steinbachi</i>	Steinbach's Tuco-tuco	2.59	385	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>talarum</i>	Talas Tuco-tuco	2.12	132	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>torquatus</i>	Collared Tuco-tuco	2.32	209	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>tuconax</i>	Robust Tuco-tuco	2.40	249	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>tucumanus</i>	Tucuman Tuco-tuco	2.34	217	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Ctenomyidae	<i>Ctenomys</i>	<i>validus</i>	Strong Tuco-tuco	2.37	233	extant	0	NA	DD	Browse/fruit
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>azarae</i>	Azara's Agouti	3.36	2310	extant	0	NA	DD	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>cristata</i>	Red-rumped Agouti	3.42	2650	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>fuliginosa</i>	Black Agouti	3.54	3500	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>guamara</i>	Orinoco Agouti	3.42	2650	extant	Future	NA	NT	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>kalinowskii</i>	Kalinowski Agouti	3.42	2650	extant	0	NA	DD	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>leporina</i>	Red-rumped Agouti, Brazilian Agouti	3.48	3020	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>prymnolopha</i>	Black-rumped Agouti	3.46	2900	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Dasyprocta</i>	<i>punctata</i>	Central American Agouti	3.43	2675	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Myoprocta</i>	<i>acouchy</i>	Red Acouchi	2.78	600	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dasyproctidae	<i>Myoprocta</i>	<i>acouchy</i>	Red Acouchi	3.11	1280	extant	0	NA	LC	fruit/browse
SA	Rodentia	Dinomysidae	<i>Dinomys</i>	<i>branickii</i>	Pacarana	4.10	12500	extant	Future	NA	VU	Fruit
SA	Rodentia	Echimyidae	<i>Callistomys</i>	<i>pictus</i>	Painted Tree-rat, Painted Tree Rat	2.72	519	extant	Future	NA	EN	Fruit/browse
SA	Rodentia	Echimyidae	<i>Carterodon</i>	<i>sulcidens</i>	Owl's Spiny Rat	2.06	114	extant	0	NA	DD	graze
SA	Rodentia	Echimyidae	<i>Clyomys</i>	<i>bishopi</i>	Broad-headed Spiny Rat	1.48	30	extant	0	NA	LC	Browse
SA	Rodentia	Echimyidae	<i>Clyomys</i>	<i>laticeps</i>	Broad-headed Spiny Rat	2.30	201	extant	0	NA	LC	Browse
SA	Rodentia	Echimyidae	<i>Dactylomys</i>	<i>boliviensis</i>	Bolivian Bamboo Rat	2.86	729	extant	0	NA	LC	Browse
SA	Rodentia	Echimyidae	<i>Dactylomys</i>	<i>dactylinus</i>	Amazon Bamboo Rat	2.81	650	extant	0	NA	LC	Browse
SA	Rodentia	Echimyidae	<i>Dactylomys</i>	<i>peruanus</i>	Peruvian Bamboo Rat	2.58	382	extant	0	NA	DD	Browse
SA	Rodentia	Echimyidae	<i>Diplomys</i>	<i>caniceps</i>	Arboreal Soft-furred Spiny Rat	2.60	395	extant	0	NA	DD	Fruit/browse
SA	Rodentia	Echimyidae	<i>Diplomys</i>	<i>labilis</i>	Rufous Tree Rat	2.36	227	extant	0	NA	LC	Fruit/browse
SA	Rodentia	Echimyidae	<i>Diplomys</i>	<i>rufodorsalis</i>	Red Crested Tree Rat	2.16	145	extant	Future	NA	CR	Fruit/browse
SA	Rodentia	Echimyidae	<i>Echimyus</i>	<i>chrysurus</i>	White-faced Tree Rat	2.81	652	extant	0	NA	LC	Fruit/browse
SA	Rodentia	Echimyidae	<i>Echimyus</i>	<i>saturnus</i>	Dark Spiny Tree-rat, Dark Tree Rat	2.80	627	extant	0	NA	DD	Fruit/browse
SA	Rodentia	Echimyidae	<i>Echimyus</i>	<i>semivillosus</i>		2.30	200	extant	0	NA		Fruit/browse
SA	Rodentia	Echimyidae	<i>Euryzygomatomys</i>	<i>spinosus</i>	Guara	2.27	187	extant	0	NA	LC	Browse/fruit
SA	Rodentia	Echimyidae	<i>Hoplomys</i>	<i>gymnurus</i>	Armored Rat	2.38	240	extant	0	NA	LC	Fruit
SA	Rodentia	Echimyidae	<i>Isothrix</i>	<i>bistriata</i>	Yellow-crowned Brush- tailed Rat	2.65	445	extant	0	NA	LC	Fruit/browse
SA	Rodentia	Echimyidae	<i>Isothrix</i>	<i>pagurus</i>	Plain Brush-tailed Rat	2.32	210	extant	0	NA	LC	Fruit/browse
SA	Rodentia	Echimyidae	<i>Kannabateomys</i>	<i>amblyonyx</i>	Atlantic Bamboo Rat	2.78	600	extant	0	NA	LC	Browse

SA	Rodentia	Echimyidae	<i>Lonchothrix</i>	<i>emiliae</i>	Tuft-tailed Spiny Tree Rat	2.14	138	extant	0	NA	LC	Browse
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>didelphoides</i>	Brazilian Spiny Tree Rat	2.60	400	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>didelphoides</i>	Brazilian Spiny Tree Rat	2.03	108	extant	0	NA	LC	
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>grandis</i>	Giant Tree Rat	2.77	584	extant	0	NA	LC	Frug/browse
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>macrura</i>	Long-tailed Tree Rat	2.64	439	extant	0	NA	LC	Frug/browse
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>obscurus</i>	Dusky Spiny Tree Rat	2.03	108	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Echimyidae	<i>Makalata</i>	<i>hipidurus</i>		2.50	315	extant	0	NA	DD	Frug/browse
SA	Rodentia	Echimyidae	<i>Mesomys</i>	<i>hispidus</i>	Spiny Tree Rat	2.24	175	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Echimyidae	<i>Mesomys</i>	<i>leniceps</i>	Woolly-headed Spiny Tree Rat	2.03	108	extant	0	NA	DD	Frug/ginsect
SA	Rodentia	Echimyidae	<i>Mesomys</i>	<i>stimulax</i>	Para Spiny Tree Rat, Surinam Spiny Tree Rat	2.03	108	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Echimyidae	<i>Olallamys</i>	<i>albicauda</i>	White-tailed Olalla Rat	2.44	274	extant	0	NA	DD	Browse
SA	Rodentia	Echimyidae	<i>Olallamys</i>	<i>edax</i>	Greedy Olalla Rat	2.31	206	extant	0	NA	DD	Browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>blainvillii</i>	Golden Atlantic Tree Rat	2.39	243	extant	0	NA	LC	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>braziliensis</i>	Red-nosed Tree Rat	2.49	313	extant	Future	NA	EN	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>dasythrix</i>	Drab Atlantic Tree Rat	2.41	260	extant	0	NA	LC	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>lamarum</i>	Pallid Atlantic Tree Rat	2.33	215	extant	0	NA	DD	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>nigrispinus</i>	Black-spined Atlantic Tree Rat	2.35	224	extant	0	NA	LC	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>thomasi</i>	Giant Atlantic Tree Rat	2.75	560	extant	Future	NA	EN	Frug/browse
SA	Rodentia	Echimyidae	<i>Phyllomys</i>	<i>unicolor</i>	Unicolored Tree Rat	2.64	439	extant	Future	NA	CR	Frug/browse
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>brevicauda</i>	Huallaga Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>brevicauda</i>	Huallaga Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>brevicauda</i>	Huallaga Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>canicollis</i>	Colombian Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>chrysaeolus</i>	Boyaca Spiny Rat	2.45	285	extant	0	NA	DD	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>cuvieri</i>	Cuvier's Spiny Rat	2.52	330	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>decumanus</i>	Pacific Spiny Rat	2.45	285	extant	Future	NA	VU	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>goeldii</i>	Goeldi's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>guairae</i>	Guaira Spiny Rat	2.60	400	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>guyannensis</i>	Cayenne Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>guyannensis</i>	Cayenne Spiny Rat	2.50	316	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>hoplomyoides</i>	Guyanana Spiny Rat	2.45	285	extant	0	NA	DD	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>longicaudatus</i>	Long-tailed Spiny Rat	2.31	205	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>magdalenae</i>	Boyaca Spiny Rat	2.45	285	extant	0	NA	DD	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>mincae</i>	Minca Spiny Rat	2.45	285	extant	0	NA	DD	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>oconnelli</i>	O'Connell's Spiny Rat	2.45	285	extant	0	NA	DD	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>oris</i>	Roberto's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>poliopus</i>	Guaira Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>quadruplicatus</i>	Napo Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>quadruplicatus</i>	Napo Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>semispinosus</i>	Tome's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>semispinosus</i>	Tome's Spiny Rat	2.56	361	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>simonsi</i>	Simon's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>simonsi</i>	Simon's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>steerei</i>	Steere's Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Proechimys</i>	<i>urichi</i>		2.45	285	extant	0	NA	DD	Frug

SA	Rodentia	Echimyidae	<i>Thrichomys</i>	<i>apereoides</i>	Common Punare, Punare, Rabudo	2.53	339	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Trinomys</i>	<i>albispinus</i>	White-spined Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Trinomys</i>	<i>dimidiatus</i>	Atlantic Spiny Rat	2.22	168	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Trinomys</i>	<i>iheringi</i>	Ihering's Spiny Rat	2.31	203	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Trinomys</i>	<i>myosuros</i>	mouse-tailed Atlantic spiny-rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Echimyidae	<i>Trinomys</i>	<i>setosus</i>	Hairy Spiny Rat	2.45	285	extant	0	NA	LC	Frug
SA	Rodentia	Erethizontidae	<i>Chaetomys</i>	<i>subspinosus</i>	Bristle-spined Rat, Bristle-spined Porcupine, Thin-spined Porcupine	3.11	1300	extant	Future	NA	VU	Frug
SA	Rodentia	Erethizontidae	<i>Coendou</i>	<i>bicolor</i>	Bicolor-spined Porcupine	3.61	4050	extant	0	NA	LC	Browse/frug
SA	Rodentia	Erethizontidae	<i>Coendou</i>	<i>nycthemera</i>	Koopman's Porcupine	3.48	3000	extant	0	NA	DD	Browse/frug
SA	Rodentia	Erethizontidae	<i>Coendou</i>	<i>prehensilis</i>	Brazilian Porcupine	3.64	4400	extant	0	NA	LC	Browse/frug
SA	Rodentia	Erethizontidae	<i>Coendou</i>	<i>rothschildi</i>		3.30	2000	extant	0	NA	DD	Browse/frug
SA	Rodentia	Erethizontidae	<i>Echinoprocta</i>	<i>rufescens</i>	Stump-tailed Porcupine	2.92	832	extant	0	NA	LC	Browse/frug
SA	Rodentia	Erethizontidae	<i>Sphiggurus</i>	<i>insidiosus</i>	Bahia Hairy Dwarf Porcupine	3.00	1000	extant	0	NA	LC	Browse/frug
SA	Rodentia	Erethizontidae	<i>Sphiggurus</i>	<i>spinosus</i>		2.88	751	extant	0	NA		Browse/frug
SA	Rodentia	Erethizontidae	<i>Sphiggurus</i>	<i>vestitus</i>	Brown Hairy Dwarf Porcupine	2.87	736	extant	0	NA	DD	Browse/frug
SA	Rodentia	Erethizontidae	<i>Sphiggurus</i>	<i>villosus</i>	Paraguay Hairy Dwarf Porcupine	3.24	1750	extant	0	NA	LC	Browse/frug
SA	Rodentia	Geomyidae	<i>Orthogeomys</i>	<i>dariensis</i>		2.64	438	extant	0	NA	LC	Browse/frug
SA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>anomalus</i>	Caribbean Spiny Pocket Mouse, Trinidad Spiny Pocket Mouse	1.85	70	extant	0	NA	LC	Frug/browse
SA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>australis</i>	Southern Spiny Pocket Mouse	2.43	267	extant	0	NA	LC	Frug/browse
SA	Rodentia	Heteromyidae	<i>Heteromys</i>	<i>desmarestianus</i>	Desmarest's Spiny Pocket Mouse	1.86	73	extant	0	NA	LC	Frug/browse
SA	Rodentia	Heteromyidae	<i>Liomys</i>	<i>adpersus</i>	Panamanian Spiny Pocket Mouse	1.81	65	extant	0	NA	LC	Frug/browse
SA	Rodentia	Hydrochoeridae	<i>Hydrochoerus</i>	<i>hydrochaeris</i>	Capybara	4.80	62450	extant	0	NA	LC	
SA	Rodentia	Hydrochoeridae	<i>Neochoerus</i>	<i>sulcidens</i>		5.18	150000	extinct	TP	11	EX	Graze
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>andinus</i>	Andean Akodont, Andean Altiplano Mouse, Andean Grass Mouse	1.26	18	extant	0	NA	LC	rowse/ginsec
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>illuteus</i>	Gray Akodont, Gray Grass Mouse	1.68	48	extant	Future	NA	NT	sect/frug/brov
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>jelskii</i>	Jelski's Altiplano Mouse, Ornate Akodont, Ornate Grass Mouse	1.54	35	extant	0	NA	LC	rowse/ginsec
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>lanosus</i>	Woolly Grass Mouse, Woolly Akodont	1.51	33	extant	0	NA	LC	sect/frug/brov

SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>longipilis</i>	Long-haired Akodont, Long-haired Grass Mouse	1.57	38	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>olivaceus</i>	Olive Grass Mouse, Olive-coloured Akodont	1.59	39	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Abrothrix</i>	<i>sanborni</i>	Sanborn's Grass Mouse, Sanborn's Akodont	1.39	25	extant	Future	NA	NT	sect/frug/brow
SA	Rodentia	Muridae	<i>Akodon</i>	<i>lutescens</i>	Altiplano Grass Mouse, Altiplano Akodont	1.32	21	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Akodon</i>	<i>nigrita</i>	Blackish Grass Mouse	1.30	20	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Bucepattersonius</i>	<i>iheringi</i>	Ihering's Hociudo, Ihering's Brucie, Ihering's Akodont	1.63	43	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Deltamys</i>	<i>kempi</i>	Kemp's Grass Mouse	1.42	26	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Handleymys</i>	<i>fuscatus</i>	Dusky Montane Mouse	1.69	50	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Handleymys</i>	<i>intectus</i>	Colombian Rice Rat	1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Juliomys</i>	<i>pictipes</i>	Lesser Wilfred's Mouse, Contreras' Juliomys	1.36	23	extant	0	NA	LC	Browse
SA	Rodentia	Muridae	<i>Juscelinomys</i>	<i>talpinus</i>				extinct	TP	11	EX	
SA	Rodentia	Muridae	<i>Loxodontomys</i>	<i>micropus</i>	Southern Pericote, Southern Big-eared Mouse	1.86	73	extant	0	NA	LC	Browse
SA	Rodentia	Muridae	<i>Lundomys</i>	<i>molitor</i>	Lund's Amphibious Rat, Lund's Amphibious Rat, Greater Marsh Rat	2.38	239	extant	0	NA	LC	graze/browse
SA	Rodentia	Muridae	<i>Necomys</i>	<i>amoenus</i>	Pleasant Bolo Mouse	1.46	29	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>lactens</i>	Rufous-bellied Bolo Mouse	1.52	33	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>lasiurus</i>	Hairy-tailed Bolo Mouse	1.60	40	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>obscurus</i>	Dark Bolo Mouse	1.61	41	extant	Future	NA	NT	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>punctulatus</i>	Spotted Bolo Mouse	1.57	37	extant	0	NA	DD	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>temchuki</i>	Temchuk's Bolo Mouse	1.67	47	extant	0	NA	LC	Ginsect
SA	Rodentia	Muridae	<i>Necomys</i>	<i>urichi</i>	Northern Grass Mouse	1.53	34	extant	0	NA	LC	sect/frug/brow
SA	Rodentia	Muridae	<i>Nectomys</i>	<i>rattus</i>	Amazonian Mouse, Small-footed Bristly Mouse	2.40	249	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>buccinatus</i>		2.00	100	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>capito</i>		1.76	58	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>intermedius</i>	Russet Rice Rat	1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>kelloggi</i>		1.78	61	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>oniscus</i>		1.78	61	extant	Future	NA	NT	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>ratticeps</i>		2.16	144	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Oryzomys</i>	<i>xantheolus</i>	Yellowish Rice Rat	1.90	80	extant	0	NA	LC	Frug/ginsect
SA	Rodentia	Muridae	<i>Paralomys</i>	<i>gerbillus</i>	Gerbil Leaf-eared Mouse	1.24	17	extant	0	NA	LC	Frug/browse
SA	Rodentia	Muridae	<i>Phyllotis</i>	<i>bonariensis</i>	Buenos Aires Leaf- eared Mouse	1.63	43	extant	Future	NA	NT	Frug/browse
SA	Rodentia	Muridae	<i>Thomasomys</i>	<i>ischyurus</i>	Strong-tailed Oldfield Mouse	1.89	77	extant	0	NA	LC	Browse

SA	Rodentia	Myocastoridae	<i>Myocastor</i>	<i>coypus</i>	Coypu, Nutria	3.84	6937	extant	0	NA	LC	Browse
SA	Rodentia	Octodontidae	<i>Aconaemys</i>	<i>fuscus</i>	Chilean Rock Rat	2.13	134	extant	0	NA	LC	Browse/frug
SA	Rodentia	Octodontidae	<i>Aconaemys</i>	<i>sagei</i>	Sage's Rock Rat	1.98	97	extant	0	NA	DD	Browse/frug
SA	Rodentia	Octodontidae	<i>Dicolpomys</i>	<i>fossor</i>		2.16	144	extinct	TP	11	EX	Browse/graze
SA	Rodentia	Octodontidae	<i>Octodon</i>	<i>bridgesi</i>	Bridges's Degu	2.18	150	extant	Future	NA	VU	ize/browse/fr
SA	Rodentia	Octodontidae	<i>Octodon</i>	<i>degus</i>	Degu	2.32	210	extant	0	NA	LC	ize/browse/fr
SA	Rodentia	Octodontidae	<i>Octodon</i>	<i>lunatus</i>	Moon-toothed Degu	2.37	233	extant	Future	NA	NT	ize/browse/fr
SA	Rodentia	Octodontidae	<i>Octodontomys</i>	<i>gliroides</i>	Mountain Degu	2.18	150	extant	0	NA	LC	Frug
SA	Rodentia	Octodontidae	<i>Octomys</i>	<i>mimax</i>	Viscacha Rat	2.12	131	extant	0	NA	LC	Browse
SA	Rodentia	Octodontidae	<i>Spalacopus</i>	<i>cyanus</i>	Coruro	2.11	128	extant	0	NA	LC	Browse
SA	Rodentia	Octodontidae	<i>Tympanoctomys</i>	<i>barrerae</i>	Plains Viscacha Rat, Red Vizcacha Rat	1.85	70	extant	Future	NA	NT	Browse
SA	Rodentia	Sciuridae	<i>Microsciurus</i>	<i>alfari</i>	Central American Dwarf Squirrel	1.94	88	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Sciuridae	<i>Microsciurus</i>	<i>flaviventer</i>	Amazon Dwarf Squirrel	1.96	92	extant	0	NA	DD	Ginsect/frug
SA	Rodentia	Sciuridae	<i>Microsciurus</i>	<i>mimulus</i>	Western Dwarf Squirrel	2.08	120	extant	0	NA	LC	Ginsect/frug
SA	Rodentia	Sciuridae	<i>Microsciurus</i>	<i>santanderensis</i>	Santander Dwarf Squirrel	2.00	100	extant	0	NA	DD	Ginsect/frug
SA	Rodentia	Sciuridae	<i>Sciurillus</i>	<i>pusillus</i>	Neotropical Pygmy Squirrel	1.59	39	extant	0	NA	DD	Browse
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>aestuans</i>	Guianan Squirrel	2.27	185	extant	0	NA	LC	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>flammifer</i>	Fiery Squirrel	3.63	4293	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>gilvularis</i>	Yellow-throated Squirrel	2.90	803	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>granatensis</i>	Red-tailed Squirrel	2.40	250	extant	0	NA	LC	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>ignitus</i>	Bolivian Squirrel	2.28	190	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>igniventris</i>	Northern Amazon Red Squirrel	2.85	700	extant	0	NA	LC	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>pucheranii</i>	Andean Squirrel	2.90	803	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>pyrrhinus</i>	Junín Red Squirrel	2.68	482	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>sanborni</i>	Sanborn's Squirrel	2.13	136	extant	0	NA	DD	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>spadiceus</i>	Southern Amazon Red Squirrel	2.61	403	extant	0	NA	LC	Frug
SA	Rodentia	Sciuridae	<i>Sciurus</i>	<i>stramineus</i>	Guayaquil Squirrel	2.64	433	extant	0	NA	LC	Frug
SA	Sirenia	Trichechidae	<i>Trichechus</i>	<i>inunguis</i>	Amazonian Manatee, South American Manatee	5.68	480000	extant	Future	NA	VU	Graze
SA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>meridensis</i>	Merida Small-eared Shrew	1.06	12	extant	0	NA	LC	Ginsect
SA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>montivaga</i>	Ecuadorean Small- eared Shrew, Wandering Small-eared Shrew	1.05	11	extant	0	NA	LC	Ginsect
SA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>nigrescens</i>	Blackish Small-eared Shrew	1.00	10	extant	0	NA	LC	Ginsect
SA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>squamipes</i>	Scaly-footed Small- eared Shrew, Western Colombian Small-eared Shrew	1.04	11	extant	0	NA	LC	Ginsect
SA	Soricomorpha	Soricidae	<i>Cryptotis</i>	<i>thomasi</i>	Thomas' Small-eared Shrew, Thomas's Small- eared Shrew	1.10	13	extant	0	NA	LC	Ginsect

Table S7. Cenozoic mammal data. Taxonomy, first and last appearance, PBDB life habit, PBDB diet, and taxon rank at which the diet assignment was made were taken from the the Paleobiology Database (175). Body sizes were compiled from the literature (38, 103-209) or estimated from regressions on teeth. Criteria for Recoded Diet and Recoded groups are described in the SI.

Order	Family	Genus_species	FAD	LAD	Ln Mass (g)	PBDB life habit	PBDB diet	taxon rank at which diet assignment was made	Recoded Diet: Carnivore/Omnivore/Herbivore/Insectivore	Recoded groups:Rodent/Herbivore guild/Carnivore guild	
Carnivora	Ursidae	Ursus americanus		2	0.00349	10.518	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Hippopotamidae	Hippopotamus amphibius		3.96	0.00385	14.54064078	amphibious	grazer, browser	species	herbivore	herbivore guild
Carnivora	Procyonidae	Nasua nasua		0.00491	0.00491	8.464046049	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Hydrochoeridae	Hydrochoerus hydrochaeris		0.4535	0.00491	11.41861479	amphibious	herbivore	species	herbivore	Rodentia
Artiodactyla	Cervidae	Rangifer tarandus		1.6845	0.0049225	11.849	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Proboscidea	Elephantidae	Mammuthus primigenius		1.6845	0.0057	15.27074434	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella leptoceros		0.006	0.006	10.01624515	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Odobenidae	Odobenus rosmarus		0.006	0.006	14.34613881	amphibious	insectivore	species	insectivore	carnivore guild
Rodentia	Heteromyidae	Dipodomys spectabilis		0.069	0.006	3.7	saltatorial	granivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma micropus		0.3	0.006	5.437	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus maniculatus		0.3	0.006	2.7485	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Reithrodontomys montanus		0.3	0.006	2.58	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Procyonidae	Bassariscus astutus		0.3	0.006	7.5475	arboreal	frugivore, carnivore	species	omnivore	carnivore guild
Eulipotyphla	Soricidae	Notiosorex crawfordi		0.5	0.006	2.060739208	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Chaetodipus hispidus		1	0.006	2.802	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Sigmodon hispidus		1.15	0.006	4.691	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus variegatus		1.294	0.006	5.8105	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma albigula		1.294	0.006	5.201	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Phocidae	Mirounga leonina		1.3	0.006	15.12167887	amphibious	piscivore, carnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Bison antiquus		1.3	0.006	13.82932607	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Capridae	Ovis canadensis		1.3	0.006	11.0415	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Pelorovis antiquus		1.3	0.006	13.81551056	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Proboscidea	Elephantidae	Loxodonta africana		1.3	0.006	16.11809565	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Marmota monax		1.3	0.006	7.9455	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Tamias striatus		1.3	0.006	3.835	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Tamiasciurus hudsonicus		1.3	0.006	4.8085	arboreal	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Clethrionomys gapperi		1.3	0.006	4.0985	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Microtus pennsylvanicus		1.3	0.006	4.411	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma floridana		1.3	0.006	5.6225	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Ondatra zibethicus		1.3	0.006	7.6345	amphibious	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Mictomys borealis		1.3	0.006	4.378				NA	Rodentia
Rodentia	Sciuridae	Sciurus carolinensis		1.6	0.006	5.6085	arboreal	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Bovidae	Bos primigenius		1.6845	0.006	13.86386484	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Canidae	Urocyon cinereoargenteus		1.75	0.006	8.714	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Lontra canadensis		1.85	0.006	7.8865	amphibious	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mustela frenata		1.85	0.006	4.297	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Spilogale putorius		2.1	0.006	5.3685	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Cervidae	Odocoileus hemionus		2.3	0.006	11.63	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Felidae	Puma concolor		2.35	0.006	10.3515	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Canis lupus		3.094	0.006	10.7955	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Canis latrans		3.1	0.006	10.064	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Procyonidae	Procyon lotor		3.35	0.006	8.637	scansorial	omnivore, carnivore	species	omnivore	carnivore guild
Carnivora	Mustelidae	Mephitis mephitis		3.5	0.006	7.879	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Lynx rufus		3.6	0.006	8.823504697	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Cervidae	Odocoileus virginianus		3.65	0.006	11.1395	ground dwelling	browser	species	herbivore	herbivore guild

Rodentia	Castoridae	Castor canadensis	3.65	0.006	9.3425	amphibious	browser	species	herbivore	Rodentia
Lipotyphla	Talpidae	Scalopus aquaticus	3.65	0.006	3.034952987	fossorial	insectivore	species	insectivore	NA
Carnivora	Felidae	Panthera leo	3.96	0.006	12.39623091	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Cervidae	Cervus elaphus	3.96	0.006	12.6765	ground dwelling	grazer	species	herbivore	herbivore guild
Proboscidea	Mammutidae	Mammut americanum	5.95	0.006	11.89477331	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Ammospermophilus leucurus	0.1	0.00941	4.14	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Marmota flaviventris	0.3	0.00941	7.6375	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma lepida	0.3	0.00941	5.0635	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Lemmys curtatus	0.8	0.00941	3.7055	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Brachyprotoma obtusata	0.85	0.00941	6.104597616	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mustela vison	0.85	0.00941	5.612	amphibious	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Antilocapra americana	1.294	0.00941	10.538	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Smilodon fatalis	1.3	0.00941	12.04480319	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Bootherium bombifrons	1.3	0.00941	13.53229259	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus conversidens	1.3	0.00941	12.54499091	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Canidae	Vulpes vulpes	1.6845	0.00941	9.211	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Peromyscus truei	2.15	0.00941	3.3175	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Camelops hesternus	2.3	0.00941	13.52862689	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Neotoma cinerea	3.1	0.00941	5.597	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Vulpes velox	3.4	0.00941	8.5405	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Equus scotti	4.125	0.00941	13.072	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Hemiauchenia macrocephala	4.2	0.00941	11.62100299	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Panthera onca	1.6845	0.01002	11.253	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Smilodon populator	1.6845	0.01002	11.91818044	scansorial	carnivore	species	carnivore	carnivore guild
Xenarthra	Megatheriidae	Eremotherium laurillardi	12.809	0.01002	15.08386843	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Cervidae	Cervalces scotti	1.3	0.01023	13.35	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus occidentalis	1.3	0.010965	13.09348384	ground dwelling	grazer	species	herbivore	herbivore guild
Proboscidea	Elephantidae	Mammuthus columbi	12.809	0.0112	16.14170861	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Ursidae	Arctodus simus	1.95	0.01132	13.02501881	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Mustelidae	Martes pennanti	0.3	0.011385	8.048788284				NA	carnivore guild
Carnivora	Mustelidae	Mustela erminea	0.55	0.011385	3.775	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Phenacomys intermedius	0.8	0.011385	4.353	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Castoroides ohioensis	1.1	0.011385	11.92279428	amphibious	browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Microtus xanthognathus	1.3	0.011385	4.8225	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Platygonus compressus	1.3	0.011385	10.77669864	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Erethizontidae	Erethizon dorsatum	1.55	0.011385	8.751	arboreal	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Sorex cinereus	2.2	0.011385	1.4645	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Sciuridae	Spermophilus tridecemlineatus	1.3	0.01141	4.3945	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Xenarthra	Megalonychidae	Megalonyx jeffersonii	1.6845	0.011445	13.37300465	arboreal	folivore	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Tapirus merriami	2	0.01145	13.32	amphibious	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus fraternus	1.55	0.01155	11.65508789	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Sciuridae	Cynomys ludovicianus	1	0.01163	6.652	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Geomys bursarius	1.3	0.01163	4.1775	fossorial	browser	species	herbivore	Rodentia
Carnivora	Ursidae	Ursus arctos	1.6845	0.0117	11.18	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Mustelidae	Mustela nigripes	0.3	0.01228	5.52	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mustela nivalis	1.3	0.01228	1.25	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Gulo gulo	1.6845	0.01228	8.9	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Taxidea taxus	3.5	0.01228	7.5485	semifossorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Onychomys leucogaster	0.4	0.014695	3.6065	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Synaptomys cooperi	1.3	0.014695	4.588	ground dwelling	herbivore	species	herbivore	Rodentia
Xenarthra	Mylodontidae	Paramylodon harlani	1.85	0.014695	13.95843272	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Bison priscus	1.6845	0.015275	13.81551056	ground dwelling	grazer	species	herbivore	herbivore guild

Carnivora	Canidae	Canis dirus	1.6845	0.0153375	11.24033787	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Leopardus pardalis	0.156	0.02006	9.011142726	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Procyon lotor	0.4535	0.02006	10.27643727	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Microtus ochrogaster	0.85	0.025643	4.17	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Zapus hudsonius	1.3	0.025643	2.701	saltatorial	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Blarina brevicauda	2.75	0.025643	2.9355	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Sciuridae	Cynomys niobrarius	0.3	0.0283	7.024	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma pygmaea	0.029375	0.029375	4.78	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma findleyi	0.069	0.029375	5.32	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus boylii	0.069	0.029375	3.35	ground dwelling	herbivore	species	herbivore	Rodentia
Xenarthra	Nothrotheriidae	Nothotheriops shastensis	2	0.029375	12.35479821				NA	NA
Rodentia	Sciuridae	Glaucomys sabrinus	0.4535	0.0294	4.15	gliding	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neofiber leonardi	1.3	0.02987	6.71	amphibious	herbivore	species	herbivore	Rodentia
Artiodactyla	Cervidae	Alces alces	1.6845	0.02987	13.35	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus complicatus	1.6845	0.02987	12.84772836	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Mylohyus fossilis	1.8	0.02987	10.9153034	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Sciuridae	Sciurus aberti	0.1	0.056	5.79	arboreal	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma mexicana	0.25	0.056	5.1515	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Microtus californicus	1.05	0.056	4.765	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Leopardus wiedii	1.1	0.063	8.038	arboreal	carnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Euceratherium collinum	1.294	0.063	13.10004329	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Xenarthra	Dasypodidae	Dasypus bellus	3.65	0.063	9.56029277	semifossorial	insectivore, frugivore	species	omnivore	NA
Carnivora	Mustelidae	Conepatus robustus	0.069	0.069	8.664627705	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Cervidae	Elaphodus cephalophus	0.069	0.069	10.43071047	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Capridae	Ovibos pallantis	0.069	0.069	12.65500767	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hippidion saldiasi	0.069	0.069	12.4800112	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Sciurus niger	0.069	0.069	5.94	arboreal	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus armatus	0.069	0.069	4.642	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma stephensi	0.069	0.069	4.93	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Antilocapridae	Capromeryx minor	0.069	0.069	8.8655	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Sorex cinereus	0.069	0.069	1.098612289	ground dwelling	omnivore	genus	omnivore	NA
Carnivora	Canidae	Alopex lagopus	0.1	0.069	8.741	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Spermophilus parryi	0.1	0.069	5.9275	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Apodontidae	Apodontia rufa	0.156	0.069	6.8	semifossorial	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Lynx canadensis	0.2	0.069	9.229445038	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Conepatus leuconotus	0.3	0.069	6.811	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Bison latifrons	0.3	0.069	13.85004933	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Sciuridae	Tamias aristus	0.3	0.069	4.962	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma fuscipes	0.3	0.069	5.199	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Cervidae	Navahoceros fricki	0.4	0.069	12.18	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Cynomys spenceri	0.4	0.069	6.763	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus progressus	0.4	0.069	2.58	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Reithrodontomys fulvescens	0.4	0.069	2.0485	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Antilocapridae	Capromeryx furcifer	0.4	0.069	9.460603074	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Stockoceros conklingi	0.4	0.069	10.87741198	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Tetrameryx shuleri	0.4	0.069	11.04730652	ground dwelling	browser, grazer	species	herbivore	herbivore guild
		Megatapirus augustus	0.4535	0.069	13.26289014				NA	NA
Perissodactyla	Equidae	Equus niobrarenensis	1.006	0.069	12.94596828	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Sigmodon bakeri	1.05	0.069	4.311	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus richardsonii	1.2	0.069	5.007	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Cynomys gunnisoni	1.294	0.069	6.551	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Felidae	Homotherium serum	1.3	0.069	11.98931494	scansorial	carnivore	species	carnivore	carnivore guild

Xenarthra	Pampatheriidae	Holmesina septentrionalis	1.3	0.069	11.523	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Peromyscus polionotus	1.5	0.069	2.418	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Reithrodontomys humulis	1.5	0.069	2.1525	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Palaeolama mirifica	1.55	0.069	12.00651158	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus hydruntinus	1.6845	0.069	12.57671978	ground dwelling	grazer	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Coelodonta antiquitatis	1.6845	0.069	14.87930487	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus hemitoechus	1.6845	0.069	14.15168798	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus leidy	1.8	0.069	12.28077294	ground dwelling	grazer	species	herbivore	herbivore guild
Xenarthra	Megalonychidae	Megalonyx wheatleyi	1.8	0.069	12.85443924	arboreal	folivore	species	herbivore	herbivore guild
Proboscidea	Elephantidae	Mammuthus imperator	2.15	0.069	15.79803632	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Ondatra annectens	2.15	0.069	6.822	amphibious	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Blarina carolinensis	2.15	0.069	2.562	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Peromyscus cragini	2.2	0.069	2.7395	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Platygonus vetus	2.25	0.069	11.1691249	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Onychomys pedroensis	2.5	0.069	3.588	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Miracinonyx inexpectatus	2.95	0.069	10.8342098	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Ursidae	Arctodus pristinus	2.95	0.069	11.53894069	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Perissodactyla	Equidae	Equus francisci	3	0.069	12.28727832	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Smilodon gracilis	3.65	0.069	10.869	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Hydrochoeridae	Neochoerus aesopi	3.65	0.069	11.612	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Miracinonyx studeri	4.2	0.069	10.44648449	scansorial	carnivore	species	carnivore	carnivore guild
Proboscidea	Elephantidae	Stegodon orientalis	12.809	0.069	14.50858867	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Mustelidae	Mustela jacksoni	0.1	0.1	6.675194185	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Predicrostonyx hopkinsi	0.1	0.1	5.385	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Phenacomys deeringensis	0.3	0.1	5.2	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Lasiopodomys deceptensis	1.3	0.1	5.2	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Mictomys kansasensis	2.3	0.1	4.399	ground dwelling	herbivore	species	herbivore	Rodentia
Hicanodontia	Sclerocalyptidae	Glyptotherium floridanum	1.3	0.156	13.24041304	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Mictomys meltoni	0.55	0.2	4.159	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Microtus paroperarius	1.3	0.2	4.0905	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Microtus meadensis	2.15	0.2	4.24	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus berendsensis	0.85	0.3	2.58	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Martes diluviana	0.85	0.3	8.942722519				NA	carnivore guild
Carnivora	Canidae	Canis armbrusteri	3.1	0.3	10.79059719	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Canis edwardii	3.15	0.3	10.54015577	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Allophaiomys pliocaenicus	3.96	0.3	3.848	ground dwelling	herbivore	species	herbivore	Rodentia
		Dama mesopotamica	1.3	0.3905	11.19056355	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Equus hemionus	1.3	0.3905	12.57671978				NA	NA
Proboscidea	Gomphotheriidae	Stegomastodon platensis	0.3965	0.3965	8.374501983	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Mustelidae	Martes foina	1.3	0.3965	7.958576904	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Proboscidea	Elephantidae	Mammuthus trogontherii	1.6845	0.3965	16.06879874	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Ursidae	Ursus spelaeus	3.094	0.3965	12.61125855	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Canidae	Canis adustus	3.96	0.3965	9.233366223	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Ceratotherium simum	11.521	0.3965	15.0964444	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Microtus ilanensis	0.6	0.4	4.3	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Hemiauchenia seymourensis	0.7	0.4	12.237				NA	NA
Artiodactyla	Camelidae	Camelops minidokae	1.15	0.4	13.65893477	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Thomomys potomacensis	1.3	0.4	4.14	fossorial	browser	species	herbivore	Rodentia
Xenarthra	Megatheriidae	Eremotherium eomigrans	1.6	0.4	14.76500393	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cricetidae	Atopomys texensis	1.6	0.4	3.0755	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Zapus sandersi	2.8	0.4	2.9395	saltatorial	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Ondatra idahoensis	3	0.4	6.191	amphibious	herbivore	species	herbivore	Rodentia

Artiodactyla	Camelidae	Camelops traviswhitei	3.5	0.4	13.86447297	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Castor californicus	10.65	0.4	9.47	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Cervidae	Megaloceros savini	0.4535	0.4535	12.39711814	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus kirchbergensis	0.4535	0.4535	14.28523792	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla		Nemorhaedus goral	0.4535	0.4535	10.46294666	NA	NA	genus	NA	NA
Proboscidea	Elephantidae	Elephas antiquus	0.4535	0.4535	15.68751224				NA	NA
		Gigantopithecus blacki	0.4535	0.4535	12.85619415	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Camelidae	Camelus thomasi	1.3	0.4535	13.12473503	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
		Dama clactoniana	1.3	0.4535	11.60733145	NA	NA	NA	NA	NA
Artiodactyla	Cervidae	Praemegaceros verticornis	1.357	0.4535	12.26817338	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Canidae	Canis mosbachensis	1.6845	0.4535	9.79749571	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Bison schoetensacki	1.6845	0.4535	13.34348061	ground dwelling	grazer	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hippidion principale	1.6845	0.4535	13.14776088	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus hundsheimensis	1.6845	0.4535	14.15168798	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Ursidae	Ursus deningeri	1.6845	0.4535	12.52376032	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Carnivora	Canidae	Canis arnensis	2.894	0.4535	10.30867346	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
		Theropithecus oswaldi	3.094	0.4535	11.47210347	arboreal	frugivore, folivore	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Pachycrocuta brevirostris	3.96	0.4535	11.69482969	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Felidae	Panthera gombaszoegensis	3.96	0.4535	11.40700655	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Canis etruscus	3.96	0.4535	10.30867346	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Proboscidea	Elephantidae	Mammuthus meridionalis	3.96	0.4535	15.65067088	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus etruscus	3.96	0.4535	14.15168798	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Pliocrocuta perrieri	4.266	0.4535	11.28266696	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Homotherium crenatidens	6.289	0.4535	12.35106644	scansorial	carnivore	genus	carnivore	carnivore guild
Rodentia	Heteromyidae	Dipodomys pattersoni	0.5	0.5	4.22	saltatorial	granivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Proneofiber guildayi	0.5	0.5	6.844	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma spelaea	1.3	0.5	5.451	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Sigmodon curtisi	2.6	0.5	4.548	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus lorisrusselli	0.55	0.55	5.115	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Sorex cudahyensis	0.55	0.55	1.895548891	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Sorex lacustris	0.55	0.55	2.407438134	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Sorex megapalustris	0.55	0.55	2.899640406	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Sorex pratensis	0.55	0.55	2.017572923	ground dwelling	omnivore	species	omnivore	NA
Xenarthra	Nothrotheriidae	Nothrotheriops texanus	1.8	0.55	12.68512893	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cricetidae	Reithrodontomys moorei	2.15	0.55	2.406	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Camelops sulcatus	0.6	0.6	13.811	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Canidae	Cuon texanus	0.6	0.6	11.413				NA	carnivore guild
Hicanodonta	Sclerocalyptidae	Glyptotherium arizonae	4.2	0.7	13.57938308	ground dwelling	omnivore	species	omnivore	NA
Proboscidea	Gomphotheriidae	Cuvieronius tropicus	10.25	0.7	15.347	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Onychomys hollisteri	1.75	0.75	3.195	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Platygonus bicalcaratus	4.125	0.75	11.25280939	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Mictomys vetus	3	0.8	4.728	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Dipoides stovalli	0.85	0.85	8.098201926	amphibious	browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Equus idahoensis	2.9	0.85	13.124	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Chasmaporthetes ossifragus	3.4	0.85	11.82335784	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Geomyidae	Thomomys gidleyi	5.25	0.9	3.6215	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Camelidae	Gigantocamelus spatulus	4.95	1	14.463888	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Erethizontidae	Erethizon kleini	1.5	1.1	8.258	arboreal	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus meadensis	1.75	1.15	4.61	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus bensoni	3.3	1.15	5.2175				NA	Rodentia
Rodentia	Heteromyidae	Perognathus pearlettensis	3.5	1.2	1.9325	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Hippopotamidae	Hippopotamus gorgops	2.672	1.2935	15.79720144	amphibious	grazer, browser	species	herbivore	herbivore guild

Artiodactyla	Bovidae	Antidorcas bondi	3.0565	1.2935	10.43071047	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Antidorcas recki	3.96	1.2935	10.23959591	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Kobus sigmoidalis	3.96	1.2935	11.63496247	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Elephantidae	Elephas recki	3.96	1.2935	16.30041721				NA	NA
Artiodactyla	Suidae	Metridiochoerus andrewsi	3.96	1.2935	11.91818044	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Bovidae	Gazella janenschi	11.521	1.2935	10.30867346	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Deinotheriidae	Deinotherium bozasi	11.521	1.2935	16.67485021	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Elasmotherium sibiricum	1.294	1.294	15.42494847	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Hippopotamodon antiquus	9.2	1.294	13.14315571	ground dwelling	omnivore	species	omnivore	NA
Perissodactyla	Rhinocerotidae	Stephanorhinus megarhinus	9.427	1.294	14.07800526	ground dwelling	browser	genus	herbivore	herbivore guild
Proboscidea	Mammutidae	Mammut borsoni	9.427	1.294	15.78422081	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Felidae	Megantereon nihowanensis	1.3	1.3	11.08003947	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Vulpes chikushanensis	1.3	1.3	8.765941449	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Megaloceros giganteus	1.3	1.3	13.45860987	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Camelus knoblochi	1.3	1.3	13.21683843	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Rodentia	Castoridae	Castoroides leiseyorum	1.3	1.3	11.733	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Cervidae	Alces latifrons	1.3	1.3	12.89908169				NA	NA
		Ourebia ourebi	1.3	1.3	9.762960794	NA	NA	species	NA	NA
Carnivora	Canidae	Lycan lycaonoides	1.6845	1.3	10.17742611	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Canidae	Xenocyon falconeri	1.6845	1.3	10.16591319	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Antidorcas australis	1.6845	1.3	10.59189143	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Hippopotamidae	Hippopotamus antiquus	1.6845	1.3	14.90463331	amphibious	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Cervidae	Metacervulus capreolus	1.6845	1.3	10.5504449	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Leptobos etruscus	2.672	1.3	12.89908169	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Hicanodonta	Sclerocalyptidae	Glyptotherium texanum	3.3	1.3	12.34904681	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Perognathus gidleyi	3.5	1.3	2.4765	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Ursidae	Ursus etruscus	3.96	1.3	11.40700655	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Carnivora	Felidae	Acinonyx pardinensis	4.266	1.3	10.81984735	scansorial	carnivore	genus	carnivore	carnivore guild
Carnivora	Felidae	Lynx issiodorensis	4.466	1.3	10.30867346	scansorial	carnivore	genus	carnivore	carnivore guild
Carnivora		Borophagus diversidens	4.6	1.3	11.20740799	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Paracamelus gigas	7.098	1.3	14.21385778				NA	NA
Perissodactyla	Rhinocerotidae	Ceratotherium praecox	12.809	1.3	14.55694296	ground dwelling	grazer	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Bison degiulii	1.6845	1.357	13.41025558	ground dwelling	grazer	genus	herbivore	herbivore guild
		Pseudodama farnetensis	1.6845	1.357	11.3839807	NA	NA	genus	NA	NA
	Cricetidae	Ophiomys parvus	2.8	1.4	3.76	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cricetidae	Sigmodon minor	5.25	1.4	3.918	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Equus simplicidens	4.6	1.45	12.94069272				NA	NA
Artiodactyla	Camelidae	Hemiauchenia gracilis	3.35	1.5	10.94687279	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Xenarthra	Pampatheriidae	Holmesina floridanus	3.65	1.5	11.137	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Mustelidae	Trigonictis macrodon	4.5	1.5	7.6145	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Xenarthra	Megalonychidae	Megalonyx leptostomus	4.5	1.5	12.69075604	arboreal	folivore	species	herbivore	herbivore guild
Rodentia	Cricetidae	Reithrodontomys wetmorei	4.7	1.5	2.1635	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Erethizontidae	Erethizon poyeri	1.55	1.55	8.969	arboreal	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Sigmodon libitinus	1.8	1.55	4.329	ground dwelling	herbivore	species	herbivore	Rodentia
		Pachyarmatherium leiseyi	2.3	1.55	9.643420647	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Mustelidae	Satherium piscinarium	3.9	1.55	8.597	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Trigonictis cookii	3.9	1.55	8.588	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Peromyscus hagermanensis	4	1.55	2.9935	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Hydrochoeridae	Neochoerus dichroplax	4.2	1.55	12.2115				NA	Rodentia
		Metacervoceros rhenanus	1.606	1.606	11.15602478	NA	NA	genus	NA	NA
Artiodactyla	Cervidae	Eucladoceros ctenoides	2.672	1.606	12.44086726	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Croizetoceros ramosus	3.96	1.606	11.28957471	ground dwelling	grazer, browser	species	herbivore	herbivore guild

Carnivora	Felidae	Lynx pardinus	1.6845	1.6845	9.141262819	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Hyaenidae	Pachycrocuta licenti	1.6845	1.6845	11.78002534	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Meles iberica	1.6845	1.6845	9.210340372	semifossorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Cervidae	Axis eurygonos	1.6845	1.6845	11.3839807	ground dwelling	grazer	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Eucladoceros tetraceros	1.6845	1.6845	12.40632848	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Leptobos vallisarni	1.6845	1.6845	12.84151706	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
		Megaceroides solilhacus	1.6845	1.6845	12.41784141	NA	NA	genus	NA	NA
Rodentia	Cricetidae	Microtus pliocaenicus	1.6845	1.6845	3.85				NA	Rodentia
Carnivora	Felidae	Megantereon cultridens	3.96	1.6845	11.05010586	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Vulpes alopecoides	3.96	1.6845	9.304746361	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Gazellospira torticornis	3.96	1.6845	11.89745718	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Libralces gallicus	3.96	1.6845	12.9290153	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella borbonica	4.266	1.6845	10.08532271	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Lagomorpha	Leporidae	Hypolagus furlongi	3.35	1.7	5.758	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Spermophilus cragini	1.75	1.75	6.365	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Zapus burti	1.75	1.75	3.0585	saltatorial	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Sorex taylori	3.5	1.75	2.01936836	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Dipodomys hibbardi	3.6	1.75	2.8805	saltatorial	granivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma taylori	5.25	1.75	5.492	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Hippotherium primigenium	12.629	1.806	12.52145774	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Sigmodon lindsayi	1.85	1.85	4.7925	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Puma lacustris	3.35	1.85	9.856323744				NA	carnivore guild
Eulipotyphla	Soricidae	Notiosorex jacksoni	3.5	1.85	2.441699545	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Erethizontidae	Erethizon bathygnathum	2.6	1.95	9.124	arboreal	herbivore	species	herbivore	Rodentia
Carnivora	Procyonidae	Bassariscus casei	3.5	1.95	7.403347911	arboreal	frugivore, carnivore	species	omnivore	carnivore guild
Rodentia	Cricetidae	Ondatra minor	3.9	2	5.867	amphibious	herbivore	species	herbivore	Rodentia
Xenarthra	Myodontidae	Glossotherium chapadmalense	4.9	2	12.646068	ground dwelling	herbivore	species	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Stegomastodon mirificus	4.25	2.1	14.899	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Bensonomys arizonae	5.25	2.1	2.954910279				NA	Rodentia
Rodentia	Cricetidae	Hibbardomys zakrzewskii	2.15	2.15	4.4325	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Javazapus weeksi	2.15	2.15	2.48	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Mimomys dakotaensis	2.15	2.15	4.3015	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Zapus sykesae	2.15	2.15	2.84	saltatorial	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Guildayomys hibbardi	2.4	2.15	4.4125	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Hibbardomys marthae	2.4	2.15	4.439	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliophenacomys osborni	2.8	2.15	4.458	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Prodipodomys idahoensis	5.75	2.15	3.1105	ground dwelling	granivore, browser	species	herbivore	Rodentia
		Pseudodoma nestii	2.197	2.197	11.64417282	NA	NA	genus	NA	NA
Carnivora	Mustelidae	Meles thoralis	2.672	2.197	9.680067731	semifossorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Gallogoral meneghini	2.672	2.197	11.82147187	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Eucladoceros dicranios	3.96	2.197	12.44086726	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Leptobos stenometopon	3.96	2.197	11.89054942	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Procamptoceras brivatense	3.96	2.197	11.58891077	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Canidae	Nyctereutes megamastoides	3.96	2.197	9.903418485	ground dwelling	omnivore, carnivore	genus	omnivore	carnivore guild
Carnivora	Hyaenidae	Chasmaporthetes lunensis	4.266	2.197	11.23661525	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Baranogale antiqua	4.55	2.197	8.517262259	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Rodentia	Cricetidae	Hibbardomys voornhiesi	2.5	2.2	4.509	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus boothi	3	2.2	4.873505363	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliolemmus antiquus	3	2.2	5.30822753	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Sorex sandersi	3	2.2	2.058549929	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Bensonomys meadensis	3.4	2.2	2.923161581				NA	Rodentia
Perissodactyla	Equidae	Nannippus peninsulatus	5.5	2.2	11.152	ground dwelling	grazer	species	herbivore	herbivore guild

Carnivora	Felidae	Homotherium idahoensis	2.6	2.35	12.138	scansorial	carnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Hypolagus gidleyi	8.1	2.35	6.679	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Nebraskomys mcgrewi	3	2.4	3.831	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Reithrodontomys galushai	2.5	2.5	2.386	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Mustela rexroadensis	7.25	2.5	4.856405501	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Soricidae	Cryptotis kansasensis	2.55	2.55	3.509	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Prodipodomys centralis	3.5	2.55	3.057	ground dwelling	granivore, browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Hipparion dietrichi	8.225	2.588	12.15534671	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Palaeoryx pallasii	9.427	2.588	12.20600358	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Helladotherium duvernoyi	9.427	2.588	13.81551056	ground dwelling	browser	genus	herbivore	herbivore guild
Rodentia	Cricetidae	Sigmodon hudsppethensis	2.6	2.6	4.217	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Equus cummingsii	4.125	2.6	12.50564397				NA	NA
Lagomorpha	Leporidae	Notolagus lepusculus	4.7	2.6	5.1975	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Nekrolagus progressus	7.6	2.6	7.32	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Giraffidae	Giraffa gracilis	3.96	2.672	13.6543296	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Propotamochoerus hysudricus	9.427	2.672	12.0010735	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Neotoma quadriplicata	5.25	2.7	6.527	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Hibbardomys fayae	2.75	2.75	4.474	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliophenacomys dixonensis	2.75	2.75	4.411	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Planisorex dixonensis	3	2.75	2.443	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Ondatra meadensis	4	2.75	6.287	amphibious	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Capricamelus gettyi	2.8	2.8	13.79248471	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Procastoroides idahoensis	3.35	2.8	11.1095	amphibious	browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma fossilis	3.4	2.8	5.243	ground dwelling	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Hypolagus edensis	11.8	2.8	5.694	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Tapirus arvernensis	4.266	2.894	12.24054235	amphibious	browser	species	herbivore	herbivore guild
Carnivora	Ursidae	Ursus minimus	4.266	2.894	10.5964966	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Rodentia	Geomyidae	Thomomys carsonensis	2.9	2.9	3.372	fossorial	browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliophenacomys primaevus	3.4	2.9	4.1265	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus howelli	8.3	2.9	4.94	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Canidae	Canis lepophagus	7.4	2.95	9.862654776	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Buisonictis burrowsi	3	3	6.68949201	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
	Cricetidae	Ophiomys fricki	3	3	4.076314608	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Sciuridae	Spermophilus johnstoni	3	3	5.183698737	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus meltoni	3	3	3.513948796	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Hibbardomys skinneri	3	3	4.666	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Repomys arizonensis	3	3	3.988	ground dwelling	herbivore	species	herbivore	Rodentia
Proboscidea	Mammutidae	Mammut raki	3	3	15.031	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Blancocamelus meadei	3.3	3	14.17876382	ground dwelling	browser, browser	species	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Stegomastodon primitivus	3.5	3	14.85	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Ogmodontomys poaphagus	3.5	3	4.88	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus kansasensis	3.5	3	3.734132255	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Reithrodontomys rexroadensis	3.5	3	2.298	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Procastoroides sweeti	3.5	3	10.46	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Antilocapridae	Capromeryx tauntonensis	4.2	3	9.867117364	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Castoridae	Dipoides rexroadensis	4.5	3	8.454969602	amphibious	browser	species	herbivore	Rodentia
	Cricetidae	Ophiomys magilli	4.6	3	4.710441653	ground dwelling	herbivore	species	herbivore	herbivore guild
		Probosciscidipparion sinense	3.094	3.094	12.23133201	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella sinensis	3.96	3.094	10.04387618	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Madoqua avifluminis	3.96	3.094	8.517262259	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Viverridae	Viverra leakeyi	9.427	3.094	8.006088368	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Alilepus wilsoni	3.4	3.1	4.724	ground dwelling	grazer, browser	species	herbivore	herbivore guild

Rodentia	Sciuridae	Paenemarmota barbouri	3.95	3.15	9.24	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Prodipodomys timoteoensis	3.2	3.2	3.068	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus baumgartneri	3.5	3.2	2.899939792	ground dwelling	herbivore	species	herbivore	Rodentia
	Cricetidae	Ophiomys taylori	3.85	3.2	4.08	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Felidae	Homotherium johnstoni	3.3	3.3	11.816	scansorial	carnivore	species	carnivore	carnivore guild
Lipotyphla	Talpidae	Hesperoscalops blancoensis	3.3	3.3	4.306547943	fossorial	insectivore	species	insectivore	NA
Carnivora	Felidae	Dinofelis palaeoonca	3.35	3.3	10.977	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Spilogale rexroadi	3.5	3.3	6.282	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Perognathus rexroadensis	3.5	3.3	2.903	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Procyonidae	Procyon rexroadensis	3.5	3.3	9.413	scansorial	omnivore, carnivore	species	omnivore	carnivore guild
Lagomorpha	Leporidae	Aluralagus bensonensis	4.2	3.3	4.925	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Nerterogeomys minor	4.7	3.3	3.586				NA	Rodentia
Lagomorpha	Leporidae	Hypolagus ringoldensis	7.4	3.3	7.708068306	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Buisnictis breviamus	3.75	3.35	6.653045671	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Soricidae	Sorex meltoni	3.75	3.35	1.24477594	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Paracryptotis gidleyi	3.9	3.35	3.3365	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Sciuridae	Spermophilus russelli	4.5	3.35	5.111987788	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Ursidae	Plionarctos harroldorum	4.5	3.35	10.78991375	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Lagomorpha	Leporidae	Alilepus vagus	7.25	3.35	5.308	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora		Borophagus hilli	10	3.35	10.9023181	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Hippotherium emsliei	10	3.35	11.777				NA	NA
Carnivora	Ursidae	Agriotherium schneideri	10.1	3.35	12.53995674	ground dwelling	carnivore, omnivore	species	omnivore	carnivore guild
Lagomorpha	Leporidae	Hypolagus vetus	16.65	3.35	6.9625	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Paracamelus alexejevi	3.394	3.394	14.10563628	ground dwelling	browser, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus beckenensis	3.4	3.4	11.06906204	ground dwelling	grazer	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Beckiasorex hibbardi	3.4	3.4	1.851	ground dwelling	omnivore	species	omnivore	NA
Lagomorpha	Leporidae	Pratilepus kansansensis	3.5	3.4	6.88	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Hesperoscalops rexroadi	3.5	3.4	3.801733077	fossorial	insectivore	species	insectivore	NA
Rodentia	Cricetidae	Bensonomys eliasi	3.5	3.4	2.749441612				NA	Rodentia
Proboscidea	Gomphotheriidae	Rhynchotherium praecursor	3.6	3.4	15.12				NA	Rodentia
Rodentia	Cricetidae	Baiomys rexroadi	4.95	3.4	2.092096392	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Symmetrodontomys simplicidens	4.95	3.4	3.3055	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Onychomys gidleyi	5.25	3.4	3.143730923	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Felis rexroadensis	7.25	3.4	9.961	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Brachyopsigale dubius	7.4	3.4	6.653045671	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Hypolagus regalis	7.4	3.4	7.729726186	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Paracryptotis rex	11.4	3.4	3.7395	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Felidae	Homotherium crusafonti	3.5	3.5	11.445	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes foxi	3.5	3.5	5.088672403	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mustela meltoni	3.5	3.5	6.122	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Urocyon progressus	3.5	3.5	8.938278406	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Nebraskomys rexroadensis	3.5	3.5	3.955937706	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliophenacomys finneyi	3.5	3.5	4.146	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Zapus rinker	3.5	3.5	3.325	saltatorial	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Geomys jacob	3.5	3.5	4.01319373	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Camelidae	Megatylopus cochrani	4.5	3.5	13.87974235	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Baiomys kolbi	5.75	3.5	2.424653848	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus rexroadensis	6.55	3.5	4.544062402	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Buisnictis schoffi	7.4	3.5	4.687	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Megantereon hesperus	7.6	3.5	10.91739447	scansorial	carnivore	species	carnivore	carnivore guild
Eulipotyphla	Soricidae	Cryptotis adamsi	9.45	3.5	2.5925	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Canidae	Nyctereutes donnezani	7.016	3.7	8.986989618	ground dwelling	omnivore, carnivore	genus	omnivore	carnivore guild

Carnivora	Mustelidae	Sminthosinus bowleri	3.75	3.75	4.61	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Oregonomys magnus	3.75	3.75	3.046	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Perognathus maldei	3.9	3.75	2.384	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Pliogeomys parvus	3.9	3.75	2.3345	fossorial	browser	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Sorex powersi	4	3.75	2.058344963	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Sorex hagermanensis	3.9	3.9	1.997959899	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Castoridae	Procastoroides intermedius	4.5	3.9	9.469	amphibious	browser	species	herbivore	Rodentia
Carnivora	Ursidae	Ursus abstrusus	4.5	3.9	10.64168191	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Mustelidae	Limnonyx sinerizi	3.96	3.96	8.293911505	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes woodwardi	3.96	3.96	8.16036157	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Parataxidea crassa	3.96	3.96	8.411343345	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Camelidae	Paracamelus alutensis	3.96	3.96	13.407953	ground dwelling	browser, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Sinhippus zitteli	4.466	3.96	12.71948005	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella gaudryi	6.325	3.96	9.797499571	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Propotamochoerus provincialis	7.016	3.96	11.98265282	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Bovidae	Oioceros rothi	7.498	3.96	10.71392844	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla		Pliocervus pentelici	7.498	3.96	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hippotherium brachypus	7.498	3.96	12.35797419	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Bohlinia attica	7.498	3.96	13.38492715	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Plesiogulo monspessulanus	7.604	3.96	11.51292546	scansorial	carnivore	genus	carnivore	carnivore guild
Carnivora	Ursidae	Indarctos atticus	8.225	3.96	12.76553176	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Felidae	Amphimachairodus giganteus	8.47	3.96	12.25435786	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Ailuridae	Simocyon primigenius	8.47	3.96	11.10751239	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Chalicotheriidae	Ancylotherium pentelicum	8.47	3.96	14.83785834	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Felidae	Metailurus major	8.725	3.96	11.28957471	scansorial	carnivore	genus	carnivore	carnivore guild
Carnivora	Felidae	Metailurus parvulus	9.427	3.96	10.54583973	scansorial	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Cervavitus variabilis	9.427	3.96	11.08234205	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella capricornis	9.427	3.96	9.997824474	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella deperdita	9.427	3.96	10.04387618	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Palaeoreas lindermayeri	9.427	3.96	10.71392844	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Protragelaphus skouzesi	9.427	3.96	11.08234205	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Tragoportax amalthea	9.427	3.96	11.75239431	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
		Cremohipparion mediterraneum	9.427	3.96	12.13922861	NA	NA	genus	NA	NA
Artiodactyla	Suidae	Microstonyx major	9.427	3.96	12.70796713	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Hyaenidae	Lycyaena chaeretis	10.154	3.96	10.5964966	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Hyaenidae	Ictitherium viverrinum	10.4	3.96	9.797499571	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Dihoplus schleiermacheri	12.154	3.96	13.99741478	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Adcrocuta eximia	12.629	3.96	11.15602478	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Simatherium demissum	12.809	3.96	14.50168092	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Hyaenidae	Hyaenictis graeca	13.789	3.96	10.91425334	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Prostrepsicerus rotundicornis	14.81	3.96	10.46294666	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Protoryx carolinae	14.81	3.96	11.98265282	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Deinotheriidae	Deinotherium giganteum	14.81	3.96	16.67485021	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Martes filholi	15.804	3.96	7.695239381	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Rodentia	Cricetidae	Repomys panacaensis	4.6	4	3.652	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Bensonomys elachys	5.75	4	2.140066163				NA	Rodentia
Proboscidea	Gomphotheriidae	Rhynchotherium falconeri	6.7	4.1	15.311	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Pewelagus mexicanus	4.2	4.2	5.224	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Spermophilus matachicensis	5.75	4.2	5.399	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Antilocapridae	Hexobelomeryx fricki	5.8	4.2	10.23806	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Chasmaporthetes kani	4.266	4.266	11.33562641	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Gazella emilii	4.266	4.266	10.20275455	ground dwelling	grazer, browser	species	herbivore	herbivore guild

Artiodactyla	Bovidae	Tchaltacerus longicornis	4.266	4.266	10.20275455	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion heintzi	4.266	4.266	12.69184903	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion longipes	4.266	4.266	12.27738372	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Chilotherium habereri	8.725	4.266	13.45860987	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Aceratherium incisivum	10.4	4.266	13.90991655	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Titanotylopus nebraskensis	5.8	4.35	14.49016799	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Platygonus pearcei	4.5	4.45	11.13237764	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion hippidiodus	6.325	4.466	12.18067514	ground dwelling	browser	genus	herbivore	herbivore guild
Proboscidea	Deinotheriidae	Deinotherium gigantium	9.427	4.466	16.67485021	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Palaeotragus germaini	13.789	4.466	13.30433667	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Carnivora	Felidae	Machairodus aphanistus	14.181	4.466	12.30040957	scansorial	carnivore	genus	carnivore	carnivore guild
Proboscidea	Gomphotheriidae	Gomphotherium angustidens	19.5	4.466	15.04278841	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Peromyscus nosher	4.5	4.5	2.767	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Paenemarmota sawrockensis	7.4	4.5	8.6905	scansorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Canidae	Eucyon davisii	9.8	4.5	9.394928968	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Mimomys panacaensis	4.6	4.6	4.4585	ground dwelling	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Lepoides lepoides	7.4	4.6	8.2	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Jacobsomys verdensis	4.7	4.7	3.928	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Notiosorex repenningi	4.7	4.7	2.875842181	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Prosigmodon holocuspis	4.8	4.7	4.7325	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Neotoma vaughani	5.05	4.7	5.301	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Prosigmodon chihuahuensis	5.75	4.7	4.302	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Prosigmodon oroscoi	5.75	4.7	3.351	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Bensonomys baskini	5.75	4.7	3.449987546				NA	Rodentia
Artiodactyla	Bovidae	Tragoportax cyrenaicus	9.427	4.917	12.10008466	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Hyaenidae	Hyaenictitherium parvum	12.629	4.917	10.54583973	ground dwelling	carnivore	genus	carnivore	carnivore guild
Rodentia	Cricetidae	Repomys maxumi	6.7	4.95	4.8095	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Perognathus mclaughlini	6.85	4.95	2.1205	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Paraneotoma sawrockensis	8.3	4.95	4.814919763				NA	Rodentia
Rodentia	Castoridae	Dipoides wilsoni	10.65	4.95	6.9685	amphibious	browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Antecalomys vasquezii	6.85	5.05	2.58	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Repomys gustelyi	7.4	5.05	4.4	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Paronychomys lemredfieldi	7.6	5.05	3.0005	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Oregonomys sargenti	9.7	5.05	3.2615	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Antecalomys valensis	10.85	5.05	2.6115	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Cupidininus bidahochiensis	6.05	5.25	3.307	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Bensonomys gidleyi	6.3	5.25	2.541601993				NA	Rodentia
Perissodactyla	Equidae	Dinohippus mexicanus	10.1	5.5	12.74078478	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Neohipparion eurystyle	10.25	5.5	11.95449806	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Bensonomys winklerorum	5.65	5.65	2.424802726				NA	Rodentia
Perissodactyla	Equidae	Astrohippus stockii	8.2	5.65	11.73481397	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Hemiauchenia vera	11.1	5.65	12.41557561				NA	NA
Carnivora	Hyaenidae	Hyaenictitherium wongii	6.325	5.723	10.38465877	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Cervavitus novorossiae	9.427	5.723	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Rodentia	Sciuridae	Paenemarmota mexicana	5.75	5.75	9.126	scansorial	granivore, frugivore	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Teleoceras hicksi	9.3	5.75	14.84200938	amphibious	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus minor	10.2	5.75	10.99903089	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Machairodus coloradensis	10.55	5.75	12.30528419				NA	carnivore guild
Rodentia	Cricetidae	Bensonomys lindsayi	5.8	5.8	2.545502549	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Pseudhipparion simpsoni	8.6	5.8	10.74380399	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Catagonus brachydontus	9.35	5.8	11.56485356				NA	NA
Artiodactyla	Antilocapridae	Hexameryx simpsoni	10	5.8	10.55420041	ground dwelling	browser, grazer	species	herbivore	herbivore guild

Carnivora	Canidae	Canis ferox	10.1	5.8	10.129	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Megatylopus matthewi	10.1	5.8	14.39778788	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Dinohippus interpolatus	10.25	5.8	12.52724365	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus aztecus	11.2	5.8	10.96203089	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Canidae	Vulpes stenognathus	11.3	5.8	8.961	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Osbornoceros osborni	11.5	5.8	9.76	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora		Borophagus secundus	11.6	5.8	10.50807682	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Plioceros blicki	13.1	5.8	11.59682884	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Pseudaelurus intrepidus	17.35	5.8	10.2825	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Spermophilus wellingtonensis	9.45	5.9	5.6885	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Paronychomys alticuspis	6.05	6.05	2.8405	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Bensonomys yazhi	6.05	6.05	2.219203484				NA	Rodentia
Carnivora	Mustelidae	Plesiogulo marshalli	9.7	6.05	9.578200991	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Castoridae	Dipoides williamsi	11.1	6.05	7.2415	amphibious	browser	species	herbivore	Rodentia
Carnivora	Hyaenidae	Belbus beaumonti	6.073	6.073	10.71392844	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Hyaenidae	Ictitherium intuberculatum	6.073	6.073	10.30867346	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Nisidorcas planicornis	8.225	6.073	10.08532271	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Pachytragus laticeps	8.47	6.073	11.65338316	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Pseudotragus capricornis	9.427	6.073	10.81984735	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Chilotherium schlosseri	9.427	6.073	13.86616743	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella dorcadoides	6.289	6.289	10.04387618	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Prostrepsiceros houtumschindleri	6.289	6.289	10.73695429	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
		Cremohipparion matthewi	8.47	6.289	11.56127975	NA	NA	genus	NA	NA
Artiodactyla	Giraffidae	Samotherium boissieri	9.427	6.289	13.30433667	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Protoryx crassicornis	9.427	6.289	11.34944192	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Tragoportax rugosifrons	9.427	6.289	11.82147187	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Hyaenidae	Hyaenictitherium hyaenoides	12.629	6.289	10.89583266	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Giraffidae	Giraffokeryx punjabiensis	14.81	6.289	12.80007053	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Dinohippus leidyanus	11.1	6.3	12.31883025	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Acerorhinus palaeosinensis	6.325	6.325	14.12866213	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion plocodus	6.325	6.325	11.72015812	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Palaeotragus microdon	10.154	6.325	13.04414455	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Chleuastochoerus stehlini	10.154	6.325	10.71162585	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Hyaenidae	Thalassictis robusta	10.4	6.325	9.735329773	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Sivaonyx hessicus	6.4	6.4	9.546517796	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium jourdani	9.2	6.4	11.28957471	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Kyptoceras amatorum	6.45	6.45	12.71635187	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Spermophilus dotti	6.55	6.55	5.603	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Megacamelus merriami	7.4	6.7	14.61918143	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Ursidae	Plionarctos edensis	8.3	6.7	10.95	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Pediomeryx hemphillensis	10.45	6.7	11.83897026	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Eomyidae	Kansasimys wilsoni	6.85	6.85	5.431	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Paronychomys tuttlei	6.85	6.85	3.653	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Prodipodomys kansensis	7.15	6.85	2.549	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora		Borophagus parvus	8.5	6.85	10.20575818	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Plesiogulo lindsayi	9.15	6.85	9.932581129	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Perognathus stevei	7	7	2.3685	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus shotwelli	7.4	7	5.672	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Oregonomys pebblespringsensis	7.95	7	3.279	ground dwelling	granivore, browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Hypolagus oregonensis	9.7	7	6.8755	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Scapanus proceridens	10.35	7	4.1895	fossorial	insectivore	species	insectivore	NA
Carnivora	Mustelidae	Pliotaxidea nevadensis	10.45	7	6.5945	scansorial	carnivore, omnivore	species	carnivore	carnivore guild

Rodentia	Sciuridae	Spermophilus wilsoni	10.85	7	5.5135	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Martes andersoni	7.016	7.016	7.313010255	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Maremmia hauptii	7.016	7.016	10.81984735	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
		Ouzocerus gracilis	7.016	7.016	10.71392844	NA	NA	genus	NA	NA
Perissodactyla	Equidae	Hipparion matthewi	8.47	7.016	11.98	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Maremmia lorenzi	9.427	7.016	11.22510233	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Tyrhenotragus gracillimus	9.427	7.016	9.546517796	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Eomellivora wimani	11.8	7.016	10.71392844	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Suidae	Propotamochoerus palaeochoerus	11.925	7.016	11.69482969	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Tragulidae	Dorcatherium minus	13.789	7.016	8.800480225	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Perognathus dunklei	7.15	7.15	2.071	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Onychomys martini	7.15	7.15	2.911	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Alforjas taylori	8.4	7.15	13.19486134	ground dwelling	browser, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Astrohippus ansae	8.4	7.15	12.10597826	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Felidae	Adelphailurus kansensis	8.5	7.15	10.0535	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martinogale alveodens	9.15	7.15	5.406960334	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Eomyidae	Kansasimys dubius	9.25	7.15	4.9095	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Aphelops mutilus	11.3	7.15	15.22898489	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Megatylopus gigas	11.5	7.15	14.2115985	ground dwelling	browser	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Hesperoscalops mcgrewi	7.4	7.25	5.225	fossorial	insectivore	species	insectivore	NA
Rodentia	Sciuridae	Marmota vetus	7.4	7.25	6.4905				NA	Rodentia
Carnivora	Mustelidae	Pliotaxidea garberi	7.65	7.25	7.567287386	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Spermophilus matthewi	10.55	7.25	5.991	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Xenarthra	Megalonychidae	Megalonyx curvidens	10.65	7.25	12.12838134	arboreal	folivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus lenticularis	11.1	7.25	11.4922022				NA	NA
Rodentia	Mylagaulidae	Ceratogaulus hatcheri	11.7	7.25	7.396316533	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Paratamias tarassus	7.4	7.4	3.31	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus gidleyi	7.75	7.4	4.604	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Teleoceras fossiger	11.5	7.4	14.56337895	amphibious	grazer	species	herbivore	herbivore guild
Carnivora		Epicyon haydeni	13.1	7.4	11.17111265	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Promephitis hootoni	7.498	7.498	8.130427963	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Pseudotragus parvidens	7.498	7.498	10.84057062	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Plesiohipparion longipes	7.498	7.498	12.27738372	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus pikermiensis	7.498	7.498	13.90991655	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Suidae	Microstonyx erymanthius	8.225	7.498	12.50533964	ground dwelling	omnivore	genus	omnivore	NA
Perissodactyla	Rhinocerotidae	Ceratotherium neumayri	8.47	7.498	13.99741478	ground dwelling	grazer	species	herbivore	herbivore guild
		Cremohipparion moldavicum	9.427	7.498	11.91127269	NA	NA	genus	NA	NA
Carnivora		Epicyon saevus	13.25	7.55	10.862	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Basirepomys robertsi	7.6	7.6	3.943017916	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Mylohyus elmorei	7.6	7.6	11.59635666	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Ottoceros peacevalleyensis	7.6	7.6	9.644	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Lynx rexroadensis	7.6	7.6	9.883529257				NA	carnivore guild
Carnivora	Mustelidae	Enhydritherium terraenovae	9.05	7.6	9.737565016	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Diprionomys minimus	9.6	7.6	2.5	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Procyonidae	Arctonasua eurybates	10.45	7.6	9.675005156	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Gelocidae	Floridameryx floridanus	10.95	7.6	9.01	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora		Borophagus pugnator	11.4	7.6	10.58152217	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Hippotherium ingenuum	11.7	7.6	11.72759757				NA	NA
Perissodactyla	Tapiridae	Tapirus polkensis	13.1	7.6	11.8875	amphibious	browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Mellivora benfieldi	7.604	7.604	8.293911505	semifossorial	carnivore, omnivore	genus	carnivore	carnivore guild
Perissodactyla	Equidae	Neohipparion leptode	11.2	7.65	12.6825003	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Castoridae	Dipoides vallicula	11.5	7.65	6.748	amphibious	browser	species	herbivore	Rodentia

Rodentia	Cricetidae	Pliotomodon primitivus	7.75	7.75	4.678	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Platygonus oregonensis	7.75	7.75	10.54759143	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Ursidae	Indarctos oregonensis	11.1	7.75	12.8195	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Mustelidae	Lutravus halli	11.4	7.75	8.058326153	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Castoridae	Dipoides stirtoni	11.4	7.75	7.506221893	amphibious	browser	species	herbivore	Rodentia
Proboscidea	Gomphotheriidae	Amebelodon floridanus	9.35	7.95	14.938	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Felidae	Pratifelis martini	8	8	11.6045	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Felidae	Nimravides hibbardi	8.1	8.1	10.946	scansorial	carnivore	species	carnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Aphelops kimballensis	8.1	8.1	14.39806459	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Progeomys sulcatus	8.1	8.1	1.722356187	fossorial	browser	species	herbivore	Rodentia
Lipotyphla	Talpidae	Hesperoscalops ruficervus	8.1	8.1	4.667	fossorial	insectivore	species	insectivore	NA
Carnivora	Felidae	Lynx proterolyncis	8.4	8.1	9.238132309	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Texoceros altidens	10.65	8.1	9.894248974	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Prosthennops serus	11.9	8.1	10.99340916	ground dwelling	herbivore, omnivore	species	omnivore	NA
Lagomorpha	Ochotonidae	Ochotona spanglei	9.7	8.2	4.44	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Zapodidae	Pliozapus solus	11.4	8.2	2.93	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Hyaenidae	Allohyaena kadici	8.225	8.225	11.22510233	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Plesiogulo brachygnathus	8.225	8.225	9.903418485	scansorial	carnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Baranogale adroveri	8.225	8.225	7.600833392	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Cervavitus mimus	8.225	8.225	9.903418485	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Birgerbohlinia schaubi	8.225	8.225	13.5921598	ground dwelling	browser	genus	herbivore	herbivore guild
		Promegantereon ogygia	9.2	8.225	10.69090259	NA	NA	genus	NA	NA
Carnivora	Ursidae	Indarctos arctoides	9.2	8.225	11.98265282	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Bovidae	Gazella schlosseri	9.427	8.225	10.04387618	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Hyaenidae	Thalassictis hipparionum	10.4	8.225	9.868879709	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla		Amphiprox anocerus	10.4	8.225	10.81984735	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Miotragocerus pannoniae	10.4	8.225	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Mustelidae	Martes sansaniensis	14.81	8.225	8.699166481	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Ursidae	Ursavus primaevus	16.4	8.225	10.36	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium naui	17.985	8.225	10.49057768	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Rodentia	Cricetidae	Bensonomys hershkovitzi	8.3	8.3	2.921175333	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Ogmodontomys pipecreekensis	8.3	8.3	4.32	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pliophenacomys koenigswaldi	8.3	8.3	4.65	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Symmetrodontomys daamsi	8.3	8.3	3.02	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Paenemarmota nevadensis	9.6	8.3	8.942	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Prosomys mimus	9.7	8.3	3.4725	ground dwelling	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Hypolagus fontinalis	15.45	8.3	6.14	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Cervidae	Cervavitus sarmaticus	8.47	8.47	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Damalavus boroccoi	8.47	8.47	11.08234205	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Mesembriacerus melentisi	8.47	8.47	11.00175157	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Oioceros wegneri	8.47	8.47	11.00175157	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Protoryx solignaci	8.47	8.47	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Selenoportax vexillarius	8.47	8.47	12.19909582	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Palaeotragus pavlowae	8.47	8.47	12.34646127	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Palaeotragus robinsoni	8.47	8.47	12.89908169	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Chilotherium anderssoni	8.47	8.47	13.90991655	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Chilotherium persiae	8.47	8.47	13.9741478	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Subchilotherium intermedium	8.47	8.47	13.30433667	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Ursidae	Agriotherium inexpectans	8.47	8.47	13.22835136	ground dwelling	carnivore, omnivore	species	omnivore	carnivore guild
Artiodactyla	Bovidae	Criotherium argalioides	9.427	8.47	12.20600358	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Parachleuastocherius huenermanni	10.4	8.47	10.57116816	ground dwelling	omnivore	genus	omnivore	NA
Carnivora	Amphicyonidae	Amphicyon palaeindicus	13.789	8.47	11.77542017	ground dwelling	carnivore	genus	carnivore	carnivore guild

Artiodactyla	Tragulidae	Dorcatherium majus	13.789	8.47	11.37937553	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Gazella lydekkeri	13.789	8.47	10.84978096	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Sivaceros gradiens	13.789	8.47	10.79912409	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Palaeomeryx eminens	13.789	8.47	12.25896304	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Conohyus sindiensis	14.81	8.47	10.49978802	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Suidae	Listriodon pentapotamiaie	14.81	8.47	11.6004237	ground dwelling	omnivore	genus	omnivore	NA
Perissodactyla	Rhinocerotidae	Hispanotherium matritense	16.435	8.47	13.5921598	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Brachypotherium perimense	18.45	8.47	14.49937833	amphibious	grazer	genus	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Aprotodon fatehjangense	21.2	8.47	13.59906756	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Calippus elachistus	10.95	8.5	10.65670803	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus westoni	10.95	8.5	11.26641425	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Teleoceras proterum	10.95	8.5	14.23063376	amphibious	grazer	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Yumaceras hamiltoni	10.95	8.5	12.36165435	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hippotherium plicatile	10.95	8.5	12.15188927				NA	NA
Perissodactyla	Equidae	Calippus hondurensis	11.6	8.5	11.47263339	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Protohippus gidleyi	11.6	8.5	12.11457561	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Pseudhipparion skinneri	11.7	8.5	10.93028989	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Neohipparion trampasense	11.8	8.5	11.8329728	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Nannippus morgani	9.05	8.6	10.49057768	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion tehonense	12.25	8.6	11.71636273	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Dorcadoryx orientalis	8.725	8.725	10.15670285	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion chiai	8.725	8.725	12.22672684	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion weihoense	8.725	8.725	12.32343542	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Stephanorhinus orientalis	8.725	8.725	14.86548936	ground dwelling	browser	genus	herbivore	herbivore guild
		Dinocrocota gigantea	8.725	8.725	12.84842482	NA	NA	genus	NA	NA
Perissodactyla	Equidae	Calippus cerasinus	11.6	8.75	11.40054958	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora		Borophagus orc	9.05	8.95	10.12155156	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Calippus maccartyi	9.05	8.95	11.19747131	ground dwelling	grazer	species	herbivore	herbivore guild
Xenarthra	Megalonychidae	Pliometanastes protistus	10.95	8.95	11.75769067	arboreal	folivore	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Hemiauchenia minima	10.95	8.95	11.58211048	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Tapirus simpsoni	11.1	9.05	12.61694106	amphibious	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Procamelus grandis	12.75	9.05	13.10627576	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Cernictis hesperus	9.15	9.15	5.18	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Goniodontomys disjunctus	11.4	9.15	3.8005	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Capridae	Aragoral mudejar	9.2	9.2	11.62344955	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Tragoportax gaudryi	9.2	9.2	11.28957471	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Acerorhinus zernowi	9.2	9.2	13.70959164	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Ursidae	Indarctos nevadensis	9.2	9.2	12.44604029	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
		Magericyon anceps	10.154	9.2	11.91818044	NA	NA	genus	NA	NA
Artiodactyla	Moschidae	Micromeryx flourensianus	15.804	9.2	8.293911505	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Carnivora	Felidae	Pseudaelurus quadridentatus	18.2	9.2	10.30867346	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Yumaceras ruminalis	9.25	9.25	12.66	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Pliosaccomys higginsensis	9.25	9.25	2.903	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Palaeomerycidae	Yumaceras figginsi	11.2	9.25	12.628086	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Aphelops malacorhinus	11.2	9.25	14.38450352	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Pliohippus nobilis	11.3	9.25	12.21060875	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Gelocidae	Pseudoceras skinneri	11.9	9.25	8.42573355	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Mustelidae	Promephitis maeotica	9.427	9.427	8.006088368	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Giraffidae	Samotherium maeoticum	9.427	9.427	13.38492715	ground dwelling	grazer	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Procobus melania	9.427	9.427	11.98265282	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Tragoportax frolovi	9.427	9.427	11.60733145	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Tragoportax spectabilis	9.427	9.427	11.77542017	ground dwelling	grazer, browser	genus	herbivore	herbivore guild

Artiodactyla	Bovidae	Tragoportax validus	9.427	9.427	11.51292546	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion platigenis	9.427	9.427	12.25435786	ground dwelling	browser	genus	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Dissopsalis carnifex	9.427	9.427	11.00209984	scansorial	insectivore	genus	insectivore	NA
Perissodactyla	Rhinocerotidae	Gaiotherium browni	12.375	9.427	13.59906756	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Listriodon splendens	18.2	9.427	11.41851948	ground dwelling	omnivore	genus	omnivore	NA
Lagomorpha	Leporidae	Pronotolagus nevadensis	9.45	9.45	4.1	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Marmota korthi	9.45	9.45	7.62	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Parapliosacromys oregonensis	9.7	9.45	3.189	fossorial	browser	species	herbivore	Rodentia
Xenarthra	Megalonychidae	Pliometanastes galushai	9.5	9.5	9.064	arboreal	folivore	species	herbivore	herbivore guild
Rodentia	Sciuridae	Marmota minor	9.6	9.6	7.0915	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Peromyscus antiquus	10.85	9.6	3.2965	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus argonautus	11.8	9.6	4.878	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Diprionomys parvus	16.05	9.6	2.404	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Felidae	Lynx longignathus	9.7	9.7	9.602554891	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Parapaenemarmota oregonensis	9.7	9.7	7.68	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus mckayensis	9.7	9.7	5.151	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Platygonus brachirostris	9.7	9.7	10.58	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Castoridae	Dipoides smithi	9.7	9.7	6.667248021	amphibious	browser	species	herbivore	Rodentia
Lipotyphla	Talpidae	Neurotrichus columbianus	9.7	9.7	3.265	fossorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Gaillardia thomsoni	10.45	9.7	4.23	fossorial	insectivore	species	insectivore	NA
Rodentia	Mylagaulidae	Hesperogaulus wilsoni	11.4	9.7	6.036632368	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Basirepomys pliogenicus	11.8	9.7	4.095195306	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys esmeraldensis	13.9	9.7	3.336	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Plionictis oregonensis	9.8	9.8	7.472	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Calippus martini	13.6	9.9	11.86726677	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Machairodus alberdiae	10.154	10.154	11.51292546	scansorial	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Euprox dicranoceros	10.154	10.154	11.08234205	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Decennatherium pachecoi	10.154	10.154	13.70959164	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion catalaunicum	10.154	10.154	12.17606997	ground dwelling	browser	genus	herbivore	herbivore guild
		Magericyon castellanus	10.154	10.154	12.19679324	NA	NA	genus	NA	NA
Artiodactyla	Suidae	Parachleuastochoerus crusafonti	10.4	10.154	10.71392844	ground dwelling	omnivore	genus	omnivore	NA
Perissodactyla	Chalicotheriidae	Chalicotherium grande	14.81	10.154	13.75334076	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon major	18.2	10.154	12.11672209	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Lartetotherium sansaniensis	18.2	10.154	13.27670565	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Alicornops simorreensis	18.45	10.154	13.38492715	ground dwelling	browser	genus	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Gomphotherium obscurum	17.25	10.25	14.99	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Martes melibulla	10.4	10.4	8.006088368	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Mesomphitis medius	10.4	10.4	6.214677166	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Ailuridae	Simocyon diaphorus	10.4	10.4	10.91425334	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Trochictis narcisoi	10.4	10.4	7.313010255	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Bovidae	Orygotherium escheri	10.4	10.4	9.472835073	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hippotherium sumegense	10.4	10.4	12.34646127	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
		Austroportax latifrons	10.4	10.4	10.91425334	NA	NA	genus	NA	NA
Artiodactyla	Bovidae	Miotragocerus monacensis	11.925	10.4	11.40700655	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Protragocerus chantrei	11.925	10.4	10.91425334	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Parachleuastochoerus steinheimensis	13.789	10.4	11.19747131	ground dwelling	omnivore	genus	omnivore	NA
Carnivora	Mustelidae	Paralutra jaegeri	15.804	10.4	8.611668248	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes munki	16.435	10.4	7.377482638	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Trocharion albanense	16.435	10.4	7.17024998	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Ursidae	Ursavus brevihinus	17.95	10.4	9.58	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Rodentia	Geomyidae	Pliogeomys russelli	10.45	10.45	2.7175	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Merycoidodontidae	Merychys major	13.1	10.45	11.79672574				NA	NA

Rodentia	Castoridae	Eucastor tortus	15.9	10.55	6.6035	amphibious	browser	species	herbivore	Rodentia
Carnivora		Aelurodon taxoides	12.25	10.65	10.85395891	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Cranioceras unicornis	15.4	10.65	11.83382727	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon tairumensis	13.2	10.651	12.27277855	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Percrocutidae	Percrocuta tungurensis	13.2	10.651	11.81226153	ground dwelling	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Giraffidae	Palaeotragus tungurensis	13.2	10.651	12.99348768	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Platybelodon grangeri	13.2	10.651	14.73884718	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Dinohippus leardi	11.8	10.75	11.74671509	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Pliosaccomys dubius	11.8	10.85	3.3225	fossorial	browser	species	herbivore	Rodentia
Rodentia	Zapodidae	Macrognathomys nanus	12.2	10.85	1.65	ground dwelling	herbivore	species	herbivore	Rodentia
Xenarthra	Mylodontidae	Thinobadistes segnis	10.95	10.95	13.37838449	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Plioceros dehlini	10.95	10.95	10.6099828	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Synthetoceras tricornatus	12.25	10.95	12.41144909	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Barbourofelidae	Barbourofelis fricki	11.1	11.1	12.54876773	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cricetidae	Paramicrotoscopes hibbardi	11.1	11.1	3.97	ground dwelling	herbivore	species	herbivore	Rodentia
Lipotyphla	Talpidae	Lemoynia biradicularis	11.3	11.1	3.82	fossorial	insectivore	species	insectivore	NA
Eulipotyphla	Soricidae	Sorex edwardsi	11.3	11.1	1.945522902	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Barbourofelidae	Barbourofelis loveorum	11.7	11.2	12.18728792	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Soricidae	Sorex yatkolai	11.3	11.3	1.610063246	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Alluvisorex arcadentes	14.7	11.3	1.7445	ground dwelling	omnivore	species	omnivore	NA
Lagomorpha	Leporidae	Pronotolagus apachensis	17.5	11.3	5.266	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Spermophilus fricki	11.4	11.4	5.447	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Teleoceras major	12.25	11.4	14.70643613	amphibious	grazer	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Limnoecus tricuspis	16.75	11.4	1.6315	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Mustelidae	Plionictis ogygia	17.2	11.4	6.022501652	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Michenia yavapaiensis	11.6	11.5	11.46457118				NA	NA
Carnivora		Carpocyon robustus	11.9	11.55	10.1853941	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Moschidae	Parablastomeryx gregorii	11.6	11.6	9.892352009	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hippotherium occidentale	11.6	11.6	12.25823063				NA	NA
Carnivora		Borophagus littoralis	11.7	11.6	10.55881614	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Barbourofelidae	Barbourofelis morrissi	11.7	11.6	11.265	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Proboscidea	Gomphotheriidae	Serbelodon barboursensis	11.8	11.6	14.827	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Pseudhipparion gratum	11.9	11.6	11.62109325	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Protolabis coartatus	12.2	11.6	11.92677988	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora		Cynarctus crucidens	12.25	11.6	8.613	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora		Paratomarctus euthos	12.25	11.6	9.811685524	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Neohipparion affine	12.25	11.6	12.22934314	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Calippus regulus	12.9	11.6	10.69290721	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora		Carpocyon webbi	13.1	11.6	10.26768317	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Perognathus minutus	16.9	11.6	1.78	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Camelidae	Protolabis heterodontus	18.2	11.6	12.74734841	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Palaeomeryx magnus	13.789	11.608	12.20600358	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Ursidae	Pliothocyon armagnacensis	13.789	11.608	11.66029091	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla		Heteroprox larteti	14.181	11.608	10.46294666	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Dicrocerus elegans	14.81	11.608	10.71392844	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Eotragus sansaniensis	14.81	11.608	10.04387618	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Conohyus simorreensis	14.81	11.608	11.14220926	ground dwelling	omnivore	species	omnivore	NA
Perissodactyla	Rhinocerotidae	Brachypotherium brachypus	16.435	11.608	14.28523792	amphibious	grazer	species	herbivore	herbivore guild
Artiodactyla	Suidae	Hyotherium soemmeringi	17.985	11.608	11.05010586	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Tragulidae	Dorcatherium crassum	18.2	11.608	9.951772772	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Carnivora	Ursidae	Hemicyon sansaniensis	18.2	11.608	12.32343542	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Amphicyonidae	Pseudocyon sansaniensis	18.45	11.608	12.04155996	ground dwelling	carnivore	species	carnivore	carnivore guild

Rodentia	Aplodontidae	Tardontia occidentale	11.65	11.65	5.224	fossorial	herbivore	species	herbivore	Rodentia
Carnivora	Felidae	Nimravides galiani	11.8	11.65	11.76424836	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Ammospermophilus junturensis	11.85	11.65	3.98	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Lagomorpha	Ochotonidae	Hesperolagomys galbreathi	12.2	11.65	4.847	ground dwelling	herbivore	species	herbivore	herbivore guild
Lagomorpha	Ochotonidae	Oklahomalagus whisenhunti	11.7	11.7	5.249	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Sciuridae	Miospermophilus lavertyi	11.7	11.7	4.6685	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Nothotylopus camptognathus	11.7	11.7	12.72	ground dwelling	browser, browser	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Domninoidea hessei	11.7	11.7	5.008	fossorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Domninoidea knoxjonesi	11.7	11.7	3.445	fossorial	insectivore	species	insectivore	NA
Carnivora	Barbourofelidae	Barbourofelis osborni	11.7	11.7	11.114				NA	carnivore guild
Rodentia	Cricetidae	Copemys mariae	11.75	11.7	3.45	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Megatylopus primaevus	11.8	11.7	14.2394586	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Pliarchenia magnifontis	11.8	11.7	12.37639487	ground dwelling	browser, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Hipparion forcei	11.8	11.7	12.33163965	ground dwelling	browser	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Tregosorex holmani	11.8	11.7	3.2915	ground dwelling	omnivore	species	omnivore	NA
Perissodactyla	Equidae	Pseudhipparion curtivallum	11.9	11.7	11.77713553	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Paracosoryx furlongi	11.9	11.7	9.51	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Tapirus johnsoni	11.9	11.7	12.36421153	amphibious	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Ischyrocyon gidleyi	12	11.7	12.29824209	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Megahippus matthewi	12.15	11.7	12.61776345	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Cupidinus tertius	12.2	11.7	2.802	ground dwelling	granivore, browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Pliohippus tantalus	12.2	11.7	13.05565748	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Protohippus supremus	12.3	11.7	12.17651902	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Zapodidae	Macrogathomys gemmacolis	12.45	11.7	1.897	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Pliohippus tehonensis	12.6	11.7	12.1305	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Cosoryx cerroensis	12.65	11.7	9.556857677	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Prosthennops niobrarensis	12.75	11.7	10.68071319	ground dwelling	herbivore, omnivore	species	omnivore	NA
Rodentia	Castoridae	Nothodiploidea planus	12.8	11.7	6.49	amphibious	browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Pseudhipparion retrusum	12.9	11.7	11.38622232	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merychys novomexicanus	13.1	11.7	11.72662251	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Calippus placidus	13.1	11.7	11.42314495	ground dwelling	grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus coloradense	13.1	11.7	12.20850978	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Procamelus occidentalis	13.1	11.7	12.5965993	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Pliohippus pernix	13.5	11.7	12.197	ground dwelling	browser	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Untermannerix copiosus	15.9	11.7	4.798	semifossorial	insectivore, carnivore	species	insectivore	NA
Carnivora	Canidae	Leptocyon vafer	16.5	11.7	8.576516717	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Perognathus furlongi	16.9	11.7	2.276	ground dwelling	granivore, browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Hypohippus affinis	17.8	11.7	12.46367021	ground dwelling	browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Pronotolagus whitei	11.75	11.75	6.35	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Diploidea tanneri	11.75	11.75	7.582	amphibious	browser	species	herbivore	Rodentia
Rodentia	Castoridae	Hystriopsis venustus	11.75	11.75	9.2835	amphibious	browser	species	herbivore	Rodentia
Rodentia	Sciuridae	Spermophilus cyanocittus	11.85	11.75	4.55	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Antecalomys phthanus	11.85	11.75	3.1275	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Cupidinus prattensis	11.9	11.75	3.0615	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Phelosacomys hibbardi	11.9	11.75	3.8415				NA	Rodentia
Lipotyphla	Talpidae	Domninoidea mimicus	11.95	11.75	4.851	fossorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Scaloploidea ripafodiator	15.8	11.75	3.313	fossorial	insectivore	species	insectivore	NA
Rodentia	Sciuridae	Protospermophilus quatalensis	17.25	11.75	5.6115	scansorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Hoplistis grangerensis	11.8	11.8	9.862640802	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes stirtoni	11.8	11.8	5.835076255	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mionictis angustidens	11.8	11.8	8.551	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Cynomys vatis	11.8	11.8	5.7315	scansorial	granivore, frugivore	species	herbivore	Rodentia

Rodentia	Mylagaulidae	Ceratogaulus minor	11.8	11.8	5.256908672	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Pseudomyscus bathygnathus	11.8	11.8	3.269	ground dwelling	herbivore	species	herbivore	Rodentia
Proboscidea	Mammutidae	Mammut furlongi	11.8	11.8	14.694	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Eucastor phillisi	11.8	11.8	7.132				NA	Rodentia
Carnivora	Procyonidae	Protoprocyon savagei	11.8	11.8	7.534	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Eulipotyphla	Soricidae	Anchiblarinella wakeeneyensis	11.8	11.8	1.9415	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Tayassuidae	Macrogenis crassigenis	11.9	11.8	10.646	ground dwelling	herbivore, omnivore	species	omnivore	NA
Carnivora	Barbourofelidae	Barbourofelis whitfordi	12.25	11.8	11.0795	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Cupidinimus avawatzensis	12.65	11.8	3.003	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Moschidae	Longirostromeryx wellsi	12.8	11.8	9.621436468	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Metechinus amplior	15.85	11.8	5.259667146	semifossorial	insectivore, carnivore	species	insectivore	NA
Artiodactyla	Antilocapridae	Cosoryx furcatus	16.4	11.8	9.831303254	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Procyonidae	Bassariscus antiquus	16.4	11.8	7.54	arboreal	frugivore, carnivore	species	omnivore	carnivore guild
Rodentia	Heteromyidae	Mioheteromys amplissimus	14.8	11.85	3.7165	ground dwelling	granivore, browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Pliohippus fossulatus	12.25	11.9	11.22920062	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Mionictis pristinus	13	11.9	9.92240393	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Castoridae	Prodipoides dividerus	13	11.9	7.213954928	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Antilocapridae	Ramoceros osborni	13.1	11.9	9.826260485	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Castoridae	Monosaulax pansus	14	11.9	6.93	amphibious	browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys russelli	14.9	11.9	3.184	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Perognathus trojectionansrum	16	11.9	1.293	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys longidens	16	11.9	3.346	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Hypotherium osborni	16.4	11.9	12.47011204	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Protohippus perditus	17.25	11.9	12.05054741	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Aphelops megalodus	17.8	11.9	14.091	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Hyaenidae	Thalassictis certa	11.925	11.925	9.781381475	ground dwelling	carnivore	genus	carnivore	carnivore guild
Proboscidea	Gomphotheriidae	Gomphotherium subtapiroideum	11.925	11.925	14.15629315	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Mustelidae	Trochotherium cyamoides	13.789	11.925	8.922517235	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla		Taicanamo grandaevum	13.789	11.925	9.304746361	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Hispanotherium grimmii	13.789	11.925	13.99741478	ground dwelling	browser	species	herbivore	herbivore guild
		Hoploaceratherium tetradactylum	13.789	11.925	13.52999001	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Ursidae	Hemicyon goeriachensis	13.789	11.925	11.69482969	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Artiodactyla	Cervidae	Euprox furcatus	14.181	11.925	10.81984735	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Gomphotherium steinheimense	14.181	11.925	15.75428721	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Bovidae	Eotragus clavatus	14.81	11.925	10.30867346	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Mustelidae	Martes delphinensis	15.804	11.925	5.991326412	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Viverridae	Viverrictis modica	15.804	11.925	6.684404525	NA	NA	genus	NA	carnivore guild
Carnivora	Mustelidae	Ischyriictis mustelinus	16.435	11.925	8.986989618	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Tayassuidae	Albanohyus pygmaeus	16.435	11.925	9.104421458	ground dwelling	herbivore, omnivore	genus	omnivore	NA
Proboscidea	Deinotheriidae	Prodeinotherium bavaricum	17.04	11.925	15.59334012	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Domnionoides riparensis	12.2	12	4.0395	fossorial	insectivore	species	insectivore	NA
Artiodactyla	Merycoidodontidae	Merychyus medius	13.75	12	11.63969489				NA	NA
Carnivora		Aelurodon stirtoni	13.95	12	10.38515065	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora		Aelurodon ferox	17.05	12	10.68022331	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Pseudhipparion hessei	12.25	12.1	10.92836217	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Merycodus necatus	16	12.1	9.072185266	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Lanthanotherium sawini	16.25	12.1	4.5175	semifossorial	insectivore, carnivore	species	insectivore	NA
Rodentia	Sciuridae	Tamias ateles	16.75	12.1	3.3875	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Petauristodon mathewsi	16.9	12.1	5.368	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Aepyamelus robustus	13.8	12.15	12.93590052	ground dwelling	browser, browser	species	herbivore	herbivore guild
Eulipotyphla	Plesiosoricidae	Plesiosorex latidens	12.2	12.2	4.94	scansorial	insectivore	species	insectivore	NA
Eulipotyphla	Erinaceidae	Metechinus nevadensis	12.2	12.2	6.122	semifossorial	insectivore, carnivore	species	insectivore	NA

Lipotyphla	Talpidae	Mystipterus vespertilio	12.2	12.2	2.25	fossorial	insectivore	species	insectivore	NA
Rodentia	Cricetidae	Copemys loxodon	13.1	12.2	3.3585	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Moschidae	Longirostromeryx clarendonensis	12.25	12.25	9.49	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora		Cynarctus voorhiesi	12.3	12.25	9.02099282	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Castoridae	Prodipoides burgensis	12.9	12.25	6.767729526	amphibious	browser	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Peraceras superciliosum	15.85	12.25	14.151	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Monosaulax skinneri	16.4	12.3	6.72	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Moschidae	Blastomeryx gemmifer	18.45	12.3	9.230350826	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora		Paratomarctus temerarius	18.65	12.3	9.539064297	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Protragocerus gluten	13.789	12.375	10.99944899	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Tragulidae	Dorcabune anthracotherioides	14.81	12.375	10.79912409	ground dwelling	frugivore, grazer	genus	herbivore	herbivore guild
Artiodactyla	Anthracotheriidae	Anthracotherium punjabiense	14.81	12.375	10.29946312	ground dwelling	browser	genus	herbivore	herbivore guild
Rodentia	Heteromyidae	Cupidininus lindsayi	16.75	12.4	2.0285	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Mustelidae	Pliogale manka	12.45	12.45	7.389	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Zapodidae	Megasminthus tiheni	16	12.45	4.026	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Limnoecus niobrarensis	17.4	12.45	1.9755	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Mustelidae	Sthenictis junturensis	12.5	12.5	7.402	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Ammospermophilus fossilis	12.5	12.5	4.0405	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Mojavemys wilsoni	12.5	12.5	3.089	fossorial	browser	species	herbivore	Rodentia
Rodentia	Sciuridae	Petauristodon jamesi	18.6	12.6	5.7285	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Bovidae	Sivoreas eremita	12.629	12.629	10.99944899	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Megistotherium osteothlastes	12.629	12.629	13.507158	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Suidae	Kubanochoerus khinzikebirus	12.629	12.629	13.65202702	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Hippopotamidae	Kenyapotamus ternani	14.81	12.629	12.20600358	amphibious	grazer, browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Dissopsalis pyroclasticus	14.81	12.629	11.32659589	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Giraffidae	Progiraffa exigua	16.435	12.629	13.62209341	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Hippopotamidae	Morotochoerus ugandensis	21.2	12.629	10.30867346	amphibious	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Gelocidae	Walangania africanus	21.2	12.629	9.799802156	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Rodentia	Geomyidae	Phelosaccomys shotwelli	12.65	12.65	3.017	fossorial	browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Panolax sanctaefidei	13.1	12.65	7.444257421	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora		Aelurodon mcgrewi	12.9	12.75	10.44440036	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Hippotherium quinni	13	12.75	11.99				NA	NA
Carnivora		Cynarctus saxatilis	13.1	12.75	9.420113457	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Procranioceras skinneri	13.3	12.75	11.86599239	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Merycodus warreni	13.75	12.75	9.542	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Pliohippus mirabilis	13.75	12.75	12.21521392	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora		Carpocyon compressus	16.4	12.75	9.905005343	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Hypolagus parviplicatus	16.4	12.75	6.489	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus insignis	16.5	12.75	11.92438015	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Calippus proplacidus	17.8	12.75	11.40400355	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Ticholeptus zygomatiscus	17.95	12.75	11.67823366	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Prosthennops xiphodonticus	18	12.75	10.5236064	ground dwelling	herbivore, omnivore	species	omnivore	NA
Artiodactyla	Palaeomerycidae	Cranioceras teres	13.1	12.8	11.48	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Antilocapridae	Ramoceros ramosus	13.1	12.8	10.00468943	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Felidae	Pseudaelurus stouti	12.9	12.9	8.2195	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Brachypsalis modicus	13	12.9	8.271483614	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Leptomerycidae	Pseudoparablastomeryx franciscita	13.1	12.9	8.250620082	ground dwelling	frugivore	species	herbivore	herbivore guild
Rodentia	Castoridae	Temperocastor valentinensis	13.1	12.9	5.45757617	amphibious	browser	species	herbivore	Rodentia
Artiodactyla	Moschidae	Longirostromeryx blicki	13.45	12.9	9.581758898	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus calamarius	13.7	12.9	12.17363221	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Cupidininus nebraskensis	13.8	12.9	2.2345	ground dwelling	granivore, browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Parahippus cognatus	13.8	12.9	11.62732082	ground dwelling	browser	species	herbivore	herbivore guild

Perissodactyla	Equidae	Megahippus mckennai	14	12.9	12.62737665	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Mylagaulidae	Pterogaulus laevis	14.6	12.9	6.799665678	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Plesiosoricidae	Plesiosorex donroosai	14.7	12.9	6.5315	scansorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Dominioides valentinensis	14.8	12.9	4.348	fossorial	insectivore	species	insectivore	NA
Carnivora	Felidae	Pseudaelurus marshi	15.3	12.9	10.1105	scansorial	carnivore	species	carnivore	carnivore guild
Lagomorpha	Ochotonidae	Russellagus vonhofi	16	12.9	5.0245	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Mustelidae	Leptarctus primus	16.05	12.9	6.7025	scansorial	omnivore	species	omnivore	carnivore guild
Artiodactyla	Antilocapridae	Submeryceros minor	17.6	12.9	8.922517235	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Parvericius montanus	24.75	12.9	3.7245	semifossorial	insectivore, carnivore	species	insectivore	NA
Rodentia	Heteromyidae	Mookomys altifluminis	12.95	12.95	2.57	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Zapodidae	Schaubeumys cartomylos	15.9	12.95	3.04	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora		Tomarctus hippophaga	17.1	12.95	9.9085	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes parviloba	13	13	8.36722376	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Merycodus nenzelensis	13	13	10.06459944	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus republicanus	13.1	13	12.1714648	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Miomustela madisonae	13.2	13	5.143171852	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Brachypsalis pachycephalus	14.45	13	8.254374135	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Castoridae	Anchitheriomys fluminis	14.5	13	10.217	amphibious	browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Phelosacomys annae	15.85	13	3.268				NA	Rodentia
Lagomorpha	Ochotonidae	Hesperolagomys fluviatilis	15.9	13	4.4365	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Lignimus montis	15.9	13	3.657	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Peridiomys borealis	15.9	13	2.275305207	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Perognathus brevidens	16	13	1.991	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Palaeomerycidae	Bouromeryx americanus	16.5	13	10.95354077	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Monosaulax curtus	16.5	13	5.45757617	amphibious	browser	species	herbivore	Rodentia
Rodentia	Zapodidae	Miosicista angulus	13.1	13.1	1.692127666	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Mojavemys galushai	13.1	13.1	3.3435	fossorial	browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Phelosacomys neomexicanus	13.1	13.1	2.992	fossorial	browser	species	herbivore	Rodentia
Carnivora	Mustelidae	Leptarctus martini	13.1	13.1	8.17345941	scansorial	omnivore	species	omnivore	carnivore guild
Carnivora	Procyonidae	Arctonasua gracilis	15.85	13.1	9.1775	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Carnivora	Ursidae	Plithocyon ursinus	16.3	13.1	11.99265906	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Carnivora	Canidae	Microtomartus conferta	16.65	13.1	9.180798536	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Ursidae	Ursavus pawniensis	17.2	13.1	11.03	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Peraceras profectum	17.375	13.1	14.29416861	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Paratragocerus caucasicus	13.2	13.2	10.30867346	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Procervulus flerovi	13.2	13.2	9.392244594	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Schizochocerus anatoliensis	13.2	13.2	9.680067731	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Cervidae	Stehlinoceros elegantulus	13.2	13.2	10.30867346	NA	NA	genus	NA	NA
Artiodactyla	Suidae	Kubanochoerus gigas	13.2	13.2	13.78787954	ground dwelling	omnivore	genus	omnivore	NA
Carnivora	Felidae	Pseudaelurus aeluroides	14.785	13.2	9.9885	scansorial	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Ischyriactis anatolicus	14.81	13.2	9.392244594	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium vindobonense	14.81	13.2	10.20275455	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Artiodactyla	Bovidae	Hypsodontus pronaticornis	14.81	13.2	11.87673391	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Bunolistriodon meidamon	14.81	13.2	11.3839807	ground dwelling	omnivore	genus	omnivore	NA
Carnivora	Mustelidae	Sthenictis dolichops	15.9	13.2	7.931	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium guntianum	16.435	13.2	9.210340372	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Blastomeryx elegans	16.5	13.2	9.431241515	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Lagomeryx parvulus	17.985	13.2	8.517262259	ground dwelling	browser	genus	herbivore	herbivore guild
Perissodactyla	Equidae	Acritohippus isonesus	18.3	13.2	11.99147847	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Suidae	Aureliachoerus aurelianensis	21.2	13.2	9.852761613	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Antilocapridae	Merycodus sabulonis	19.6	13.25	9.330727467	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus californicus	17.2	13.3	11.98755993	ground dwelling	grazer, browser	species	herbivore	herbivore guild

Artiodactyla	Protoceratidae	Prosynthetoceras francisi	18.65	13.45	12.037	ground dwelling	browser	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Brachyerix incertis	17.3	13.5	4.379	semifossorial	insectivore, carnivore	species	insectivore	NA
Carnivora	Amphicyonidae	Pliocyon robustus	13.6	13.6	12.1105	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Aepycamelus stocki	13.7	13.7	12.845	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora		Aelurodon asthenostylus	15.55	13.7	10.41091818	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora		Paracynarctus kelloggi	20.6	13.7	9.239443071	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Procyonidae	Parapotos tedfordi	13.75	13.75	8.17	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Perissodactyla	Equidae	Merychippus sejunctus	16.3	13.75	11.23	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon ingens	16.65	13.75	12.93956003	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Dromomeryx borealis	16.85	13.75	12.13030386	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Teleoceras medicornutum	17.25	13.75	14.91444357	amphibious	grazer	species	herbivore	herbivore guild
Carnivora		Tomarctus brevirostris	19.7	13.75	10.09162657	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Amphicyon confucianus	13.789	13.789	12.42935433	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Mionictis dubia	13.789	13.789	9.304746361	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Protoryx enanus	13.789	13.789	10.71392844	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla	Giraffidae	Palaeotragus lavocati	13.789	13.789	12.76553176	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Stephanocemas thomsoni	13.789	13.789	10.54814231	NA	NA	genus	NA	NA
Carnivora	Mustelidae	Ischyrictis zibethoides	15.804	13.789	9.615595348	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Artiodactyla		Taucanamo sansaniense	15.804	13.789	9.304746361	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Felidae	Pseudaelurus lorteti	16.435	13.789	9.615595348	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Eomyidae	Leptodontomys quartz	13.8	13.8	1.126	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Megasminthus gladiofex	13.8	13.8	3.592	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Monosaulax progressus	13.8	13.8	6.06	amphibious	browser	species	herbivore	Rodentia
Eulipotyphla	Heterosoricidae	Ingentisorex tumididens	13.8	13.8	4.4915	scansorial	insectivore	species	insectivore	NA
Rodentia	Cricetidae	Copemys barstowensis	14	13.8	3.4715	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Pseudotheridomys pagei	14.7	13.8	2.102	ground dwelling	herbivore	species	herbivore	Rodentia
Lipotyphla	Talpidae	Achlyoscapter longirostris	14.7	13.8	2.487	fossorial	insectivore	species	insectivore	NA
Rodentia	Sciuridae	Spermophilus tephros	15.55	13.8	4.4895	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Lipotyphla	Talpidae	Mystipterus pacificus	15.8	13.8	2.7	fossorial	insectivore	species	insectivore	NA
Rodentia	Heteromyidae	Peridiomys oregonensis	16.05	13.8	2.145484647	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys pagei	16.75	13.8	2.719	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Peridiomys rusticus	18.1	13.8	4.24	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Cupidininus halli	16.9	13.9	2.456	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Merycoidodontidae	Brachycrus siouense	17.2	13.95	11.64957425	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Ursidae	Plithocyon barstowensis	14	14	11.768	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Tayassuidae	Dyseohyus fricki	15.85	14	10.18317024	ground dwelling	herbivore, omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Mookomys formicarum	16.75	14	2.4725	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys tenuis	16.9	14	3.1525	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Leptodontomys stirtoni	16.9	14	1.991	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Heterosoricidae	Paradomnina relictus	16.9	14	3.1725	scansorial	insectivore	species	insectivore	NA
Rodentia	Heteromyidae	Mookomys subtilis	17.4	14	1.68	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora		Protepicyon raki	14.35	14.15	10.602	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
	Heteromyidae	Perognathoides eurekensis	16.8	14.15	0.226285427	ground dwelling	granivore, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Heteroplihippus hulberti	14.181	14.181	13.10262602	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Lagomeryx pumilio	17.985	14.181	7.313010255	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Cervidae	Procervulus dichotomus	18.2	14.181	10.30867346	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora		Cynarctus galushai	14.65	14.35	9.275096223	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Merriamoceros coronatus	15.05	14.35	9.529542978	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Cynelos sinapius	16.75	14.45	12.12109325	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Pliocyon medius	15.55	14.5	11.9633786	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Dromomeryx whitfordi	16.5	14.5	11.94377457	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merychyus relictus	17.65	14.5	10.453	ground dwelling	herbivore	species	herbivore	herbivore guild

Artiodactyla	Tayassuidae	Cynorca occidentale	22.2	14.65	9.961957361	ground dwelling	herbivore, omnivore	species	omnivore	NA
Rodentia	Castoridae	Monosaulax typicus	14.7	14.7	5.91	amphibious	browser	species	herbivore	Rodentia
Lagomorpha	Ochotonidae	Oreolagus colteri	14.8	14.7	3.853	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Cupidinus whitlocki	14.8	14.7	2.821	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Mojavemys magnumarcus	14.8	14.7	4.0285	fossorial	browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Parapliosacromys transversus	14.8	14.7	3.819	fossorial	browser	species	herbivore	Rodentia
Carnivora	Canidae	Tephrocyon rurestris	15.65	14.7	9.751	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Protospermophilus malheurensis	15.8	14.7	4.649	scansorial	granivore, frugivore	species	herbivore	Rodentia
Lipotyphla	Talpidae	Scapanoscapter simplicidens	16	14.7	4.072	fossorial	insectivore	species	insectivore	NA
Perissodactyla	Equidae	Merychippus brevidontus	17.2	14.7	11.6435	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon frendens	17.6	14.7	12.64506029	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Spermophilus primitivus	16.85	14.8	4.736	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla		Taucanamo inonuensis	14.81	14.81	9.680067731	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Suidae	Megalochocerus khinzikebirus	14.81	14.81	13.81551056				NA	NA
Carnivora	Ursidae	Plithocyon antunesi	14.81	14.81	11.87673391	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium peneckeai	15.275	14.81	11.00175157	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Palaeomeryx kaupi	18.2	14.81	11.51292546	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Suidae	Bunolistriodon lockharti	18.2	14.81	11.67871159	ground dwelling	omnivore	genus	omnivore	NA
Primates	Proconsulidae	Proconsul major	18.2	14.81	10.81977828	arboreal	omnivore	species	omnivore	NA
Perissodactyla	Equidae	Acritohippus quinni	16.6	14.9	11.8038976	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Aplodontidae	Ansomys hepburnensis	14.95	14.95	3.8	fossorial	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Euoplocyon brachygnathus	16.85	15.05	9.466893322	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Brachycrus buwaldi	17.65	15.05	12.43	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Canidae	Cynarctoides acridens	21.55	15.05	7.867919977	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora		Paracynarctus sinclairi	16.45	15.1	9.194864929	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Leptomerycidae	Pseudoparablastomeryx scotti	17.3	15.1	8.576097913	ground dwelling	frugivore	species	herbivore	herbivore guild
Carnivora	Canidae	Osbornodon fricki	17.65	15.1	10.59213342	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Rakomylus raki	15.2	15.2	11.32	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Procyonidae	Bassariscus parvus	15.85	15.2	7.43	arboreal	frugivore, carnivore	species	omnivore	carnivore guild
	Heteromyidae	Perognathoides kleinfelderi	15.9	15.2	1.504719127	ground dwelling	granivore, browser	species	herbivore	herbivore guild
Carnivora	Canidae	Psolidocyon marianae	16.5	15.2	9.183	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Bouromeryx milleri	17.95	15.3	10.963	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Canidae	Protomarctus optatus	20.15	15.3	9.33	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Procamelus leptocolon	15.4	15.4	13.12236338	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Lambdoceras siouxensis	16.5	15.4	12.00150548	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Rakomeryx sinclairi	16.65	15.4	11.60906056	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus relictus	15.7	15.45	11.504	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Aplodontidae	Liodontia alexandrae	16.4	15.55	5.293	fossorial	herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Parahippus pawniensis	30.65	15.55	10.40337042	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Desmatippus avus	17.2	15.65	11.9955	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Archaeohippus ultimus	16.85	15.7	10.156	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Archaeohippus mourningi	16.95	15.7	11.6186978	ground dwelling	browser	species	herbivore	herbivore guild
Lagomorpha	Ochotonidae	Oreolagus wallacei	15.8	15.8	4.9635	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Pseudotrimylus mawbyi	15.8	15.8	4.953	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Mustelidae	Martes cadeoti	15.804	15.804	6.55085459	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Martes collongensis	15.804	15.804	7.089659501	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Martes burdigaliensis	16.435	15.804	6.907755279	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora		Aelurodon montanensis	15.85	15.85	10.46851034	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Martes kinseyi	15.85	15.85	8.492713832	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Mookomys thrinax	15.85	15.85	2.481	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Peridiomys halis	15.85	15.85	4.1505	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Perognathus ancenensis	15.85	15.85	2.441	ground dwelling	granivore, browser	species	herbivore	Rodentia

Rodentia	Sciuridae	Spermophilus jerae	15.85	15.85	4.469	semifossorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Copemys lindsayi	15.85	15.85	2.702	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Galbreathia bettae	15.85	15.85	5.1085	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Euroxenus inconnexus	15.85	15.85	6.1005	amphibious	browser	species	herbivore	Rodentia
Carnivora	Procyonidae	Arctonasa minima	15.85	15.85	8.9595	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Camelidae	Aepycamelus alexandrae	16.9	15.85	12.95434373	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Drepanomeryx falciformis	17.2	15.85	11.41	ground dwelling	browser	species	herbivore	herbivore guild
		Jimomys labaughi	17.25	15.85	4.242	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Lambdoceras trinitiensis	17.3	15.85	11.94969542	ground dwelling	browser	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Angustidens vireti	17.375	15.85	2.9	ground dwelling	omnivore	species	omnivore	NA
Perissodactyla	Equidae	Merychippus goorisi	17.75	15.85	11.18462793				NA	NA
Perissodactyla	Rhinocerotidae	Teleoceras meridianum	17.8	15.85	14.22890461	amphibious	grazer	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Peraceras hessei	17.8	15.85	13.30699041	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Merychippus primus	18.1	15.85	11.42927049	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Mylagaulidae	Alphagaulus pristinus	19.15	15.85	5.6411283	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Alphagaulus vetus	19.6	15.85	6.26	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Protoceratidae	Paratoceras wardi	19.7	15.85	10.18433387	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Harrymys canadensis	15.9	15.9	3.08	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Eomyidae	Leptodontomys russelli	15.9	15.9	1.033	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Mioheteromys arcarius	16	15.9	2.3	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Lignimus austridakotensis	16	16	2.6985	ground dwelling	granivore, browser	species	herbivore	Rodentia
Eulipotyphla	Soricidae	Adeloblarina berklandi	16	16	2.5405	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Palaeomerycidae	Subdromomeryx antilopinus	16.85	16.05	11.00317837	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Proheteromys sulculus	17.8	16.05	2.959	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Camelidae	Paramiolabis taylori	16.15	16.15	11.8125	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Miolabis fricki	16.65	16.15	12.4148451	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Proheteromys maximus	16.9	16.25	4.472	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Aplodontidae	Tardontia nevadans	16.4	16.4	5.0605	fossorial	herbivore	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Ysengrinia depereti	16.435	16.435	11.34023158	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Hoplictis florancei	16.435	16.435	9.210340372	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Martes sainjoni	16.435	16.435	7.741291083	scansorial	carnivore, omnivore	genus	carnivore	carnivore guild
Carnivora	Mustelidae	Mionictis artemensis	16.435	16.435	8.293911505	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla		Amphimoschus artemensis	16.435	16.435	10.12676924	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Artiodactyla		Amphimoschus pontelevisiensis	16.435	16.435	10.37314584	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Gomphotherium sylvaticum	16.435	16.435	14.54543003	ground dwelling	browser	genus	herbivore	herbivore guild
Proboscidea	Mammutidae	Zygodolophodon metachijiensis	16.435	16.435	14.90002814	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Lagomeryx ruetimeyeri	17.985	16.435	9.615595348	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Prosantorhinus germanicus	17.985	16.435	13.12243244	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Barbourofelidae	Prosansanosmilus peregrinus	18.2	16.435	10.5964966	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Bovidae	Eotragus artemensis	18.2	16.435	10.12676924	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon cooperi	18.45	16.435	11.98265282	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Cervidae	Procervulus praelucidus	18.45	16.435	9.546517796	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
Proboscidea	Gomphotheriidae	Choerolophodon corrugatus	18.45	16.435	14.90002814	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora	Amphicyonidae	Ictiocyon socialis	19.5	16.435	9.903418485	ground dwelling	carnivore	genus	carnivore	carnivore guild
Carnivora	Amphicyonidae	Amphicyon giganteus	21.2	16.435	12.61125855	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Anthracotheriidae	Brachyodus onoides	21.2	16.435	13.67735545	ground dwelling	browser	genus	herbivore	herbivore guild
Carnivora		Palaeogale minuta	24.75	16.435	5.235	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Antilocapridae	Paracosoryx wilsoni	18.4	16.5	9.396849765	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Brachycrus laticeps	16.85	16.6	12.49833049	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Parapliohippus carrizoensis	18.7	16.65	11.04134884	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merychys elegans	20.2	16.75	10.54456154	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Tayassuidae	Hesperhys vagrans	17.95	16.85	11.4321257	ground dwelling	herbivore, omnivore	species	omnivore	NA

Artiodactyla	Merycoidodontidae	Merychys smithi	19.15	16.85	10.61753619	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Dasyproctidae	Neoreomys australis	16.9	16.9	8.216088099	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Mustelidae	Leptarctus ancipidens	21.7	16.9	7.856828497	scansorial	omnivore	species	omnivore	carnivore guild
Rodentia	Sciuridae	Miospermophilus wyomingensis	22.9	16.9	4.421	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Protospermophilus oregonensis	17	17	6.1095				NA	Rodentia
Perissodactyla	Equidae	Merychippus gunteri	18.85	17.05	10.50991173	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon longiramus	21.7	17.05	11.62401942	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Mionictis letifer	17.1	17.1	6.471	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
		Texomys ritchei	17.4	17.25	4.5825	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Archaeohippus penultimus	17.65	17.3	11.015	ground dwelling	browser	species	herbivore	herbivore guild
		Namibictis senuti	17.319	17.319	9.233366223	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Viverridae	Orangictis gariepensis	17.319	17.319	8.473513142	scansorial	carnivore, insectivore	species	insectivore	carnivore guild
Carnivora	Canidae	Phlaocyon yatkolai	17.375	17.375	9.533	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Ochotonidae	Oreolagus wilsoni	17.375	17.375	5.0885	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Sciuridae	Miospermophilus bryanti	17.375	17.375	4.0405	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Protoceratidae	Lambdoceras hessei	17.375	17.375	11.49272276	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Parablastomeryx galushi	17.375	17.375	9.692943908	ground dwelling	browser	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Brachyerix richi	17.375	17.375	5.83	semifossorial	insectivore, carnivore	species	insectivore	NA
Perissodactyla	Rhinocerotidae	Brachypotherium americanum	17.375	17.375	14.62				NA	NA
Eulipotyphla	Soricidae	Pseudotrimylus dakotensis	17.375	17.375	3.198	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Pseudotrimylus roperi	17.375	17.375	4.408010307	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Wilsonosorex bateslandensis	17.375	17.375	2.919	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Soricidae	Wilsonosorex conulatus	17.375	17.375	3.2305	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Palaeomerycidae	Aletomeryx gracilis	19.55	17.375	10.13845101	ground dwelling	grazer	species	herbivore	herbivore guild
Carnivora	Canidae	Desmocyon matthewi	19.9	17.375	9.109329873	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Ectopocynus simplicidens	19.9	17.375	9.998098765	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Anthracotheriidae	Arretotherium fricki	19.9	17.375	11.89205271	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Schizodontomys amnicolus	19.9	17.375	4.71	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Florentiamyidae	Fanimus ultimus	19.9	17.375	5.1	ground dwelling	herbivore	species	herbivore	Rodentia
Insectivora	Proscalopidae	Mesoscalops scopelotemos	19.9	17.375	4.559	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Camelidae	Oxydactylus longipes	20.2	17.375	12.00999512	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Mylagaulidae	Galbreathia novellus	20.45	17.375	5.409	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Zapodidae	Schaubeumys galbreathi	20.45	17.375	2.97	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Plesiosoricidae	Plesiosorex coloradensis	20.45	17.375	5.2575	scansorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Mystipterus martini	20.45	17.375	3.379	fossorial	insectivore	species	insectivore	NA
Lipotyphla	Talpidae	Scalopoides isodens	20.45	17.375	3.4715	fossorial	insectivore	species	insectivore	NA
Perissodactyla	Equidae	Parahippus tyleri	20.85	17.375	11.282				NA	NA
Artiodactyla	Merycoidodontidae	Merycochoerus magnus	21.1	17.375	12.7104033	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Brachyerix macrotis	21.1	17.375	4.892	semifossorial	insectivore, carnivore	species	insectivore	NA
Artiodactyla	Tayassuidae	Hesperhys pinensis	21.25	17.375	11.34067121				NA	NA
Carnivora	Canidae	Metatomarctus canavus	21.7	17.375	9.487814592	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Anchitherium clarencei	21.7	17.375	12.26994274	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Archaeohippus blackbergi	21.7	17.375	10.07201532	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Menoceras barbouri	21.7	17.375	13.98177418	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Canidae	Phlaocyon leucosteus	21.75	17.375	8.214696123	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Promartes lepidus	21.95	17.375	8.246	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Soricidae	Limnoecus compressus	22.1	17.375	1.85	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Heteromyidae	Dikkomys matthewi	22.2	17.375	3.8665	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Daphoenodon superbus	22.5	17.375	11.29362949	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Stenomylus gracilis	22.7	17.375	10.9245	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Canidae	Desmocyon thomsoni	22.75	17.375	8.923076447	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Ochotonidae	Oreolagus nebrascensis	22.9	17.375	4.97	ground dwelling	herbivore	species	herbivore	herbivore guild

Rodentia	Heteromyidae	Stratimus strobili	22.9	17.375	3.0025	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Mesogaulus paniensis	22.9	17.375	6.036632368	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Yatkolamys edwardsi	22.9	17.375	3.9375	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Harrymys magnus	23.05	17.375	3.924	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Zapodidae	Schaubeumys grangeri	23.7	17.375	3.22	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Merycoidodontidae	Merychys minimus	24.15	17.375	10.22430353	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merychys arenarum	24.3	17.375	10.62147156	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Schizodontomys harkseni	24.7	17.375	4.66	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Eomyidae	Pseudotheridomys hesperus	24.7	17.375	2.497	ground dwelling	herbivore	species	herbivore	Rodentia
Insectivora	Proscalopidae	Proscalops secundus	24.7	17.375	4.3175	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Moschidae	Pseudoblastomeryx advena	25.2	17.375	9.22	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Rodentia	Zapodidae	Plesiosminthus clivus	26.55	17.375	2.235				NA	Rodentia
Carnivora		Palaeogale sectoria	35.85	17.375	6.208	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Heteromyidae	Cupidinimus boronensis	18.8	17.4	2.6805	ground dwelling	granivore, browser	species	herbivore	Rodentia
Lagomorpha	Ochotonidae	Cuyamalagus dawsoni	17.5	17.5	5.5335	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Pseudotheridomys cuyamensis	17.5	17.5	2.5225	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Cynelos idoneus	17.6	17.6	11.57	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Brachypsalis matutinus	17.6	17.6	7.373	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Dinogale siouxensis	17.6	17.6	6.6865	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Palaeomerycidae	Sinclairomeryx riparius	17.6	17.6	11.35423007	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Subdromomeryx scotti	17.95	17.6	11.00635674	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Bouromeryx submilleri	19.1	17.65	10.76851982	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Protohippus vetus	18.6	17.75	11.78659961	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Floridatragulus texanus	17.8	17.8	10.9855	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Prosynthetoceras texanus	21.9	17.8	11.06746232	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Hesperocamelus stylodon	17.9	17.9	12.78	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Protospermophilus angusticeps	17.95	17.9	5.771	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Aplodontidae	Ansomys nevadensis	17.95	17.95	3.95	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Megapeomys bobwilsoni	17.95	17.95	6.02	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Tayassuidae	Cynorca sociale	24.15	17.95	9.820636364				NA	NA
Perissodactyla	Rhinocerotidae	Plesiaceratherium fahlbuschi	17.985	17.985	13.45860987	ground dwelling	browser	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Bunolistriodon adelli	17.985	17.985	11.47147893	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Hypertragulidae	Andegameryx serum	18.45	17.985	8.411343345	ground dwelling	frugivore	genus	herbivore	herbivore guild
Artiodactyla	Moschidae	Oriomeryx willii	18.45	17.985	11.08234205	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Artiodactyla	Suidae	Xenohyus venitor	21.2	17.985	11.43924274	ground dwelling	omnivore	genus	omnivore	NA
Artiodactyla	Camelidae	Aguascalientia wilsoni	18	18	9.902045024	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Zapodidae	Schaubeumys sabrae	18.25	18.1	2.86	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Protospermophilus kelloggi	22.9	18.1	5.311	scansorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Amphicyon olisiponensis	18.2	18.2	11.53595132	ground dwelling	carnivore	genus	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Brachycrus rusticus	18.2	18.2	11.295	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Harrymys woodi	18.2	18.2	3.773	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Harrymys irvini	18.25	18.2	4.43	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Tragulidae	Dorcatherium parvum	19.5	18.2	8.699166481				NA	NA
Primates	Proconsulidae	Afropithecus turkanensis	21.2	18.2	10.81977828	arboreal	omnivore	species	omnivore	NA
Lagomorpha	Ochotonidae	Desmatolagus schizopetrus	22.9	18.2	6.1005	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Blickomylus galushai	20.6	18.25	9.74	ground dwelling	browser, browser	species	herbivore	herbivore guild
	Ischyromyidae	Ischyromys typus	36.75	18.4	6.642	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Tragulidae	Siamotragulus bugtiensis	18.45	18.45	9.482045413	ground dwelling	frugivore, grazer	genus	herbivore	herbivore guild
		Bugtimeryx pilgrimi	18.45	18.45	9.977101208	ground dwelling	grazer, browser	genus	herbivore	herbivore guild
	Rhinocerotidae	Caementodon oettingenae	18.45	18.45	13.59906756	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Barbouromeryx trigonocorneus	19.55	18.45	10.37279061	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Pomelomeryx boulangeri	21.2	18.45	9.04685683	ground dwelling	browser, grazer	genus	herbivore	herbivore guild

Artiodactyla	Moschidae	Pomelomeryx gracilis	21.2	18.45	8.411343345	ground dwelling	browser, grazer	genus	herbivore	herbivore guild
Carnivora	Ursidae	Phoberocyon hispanicus	21.2	18.45	11.48989961	ground dwelling	herbivore, carnivore	genus	omnivore	carnivore guild
Carnivora	Canidae	Osbornodon iamoniensis	21.7	18.5	9.81240507	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Geomyidae	Gregorymys larsoni	18.6	18.6	3.55	fossorial	browser	species	herbivore	Rodentia
Perissodactyla	Equidae	Anchitherium navasotae	18.65	18.6	11.7045	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Parahippus leonensis	24.2	18.6	11.12303901	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Australocamelus orarius	18.65	18.65	11.6865	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Canidae	Osbornodon scitulus	19.8	18.65	9.381517127				NA	carnivore guild
Artiodactyla	Anthracotheriidae	Arretotherium acridens	22.3	18.65	12.12027421	ground dwelling	grazer	species	herbivore	herbivore guild
Artiodactyla	Palaeomerycidae	Aletomeryx occidentalis	18.8	18.8	10.34	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Trogomys rupinimenthae	19.2	18.8	2.53	ground dwelling	granivore, browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Proheteromys floridanus	21.8	18.85	1.6795	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Daphoenodon robustum	19	19	11.58891077				NA	carnivore guild
Perissodactyla	Equidae	Archaeohippus stenolophus	20.5	19.15	11.20954586	ground dwelling	browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Archaeolagus acaricolus	21.05	19.2	5.5245	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Procyonidae	Bassaricyonoides phyllismilleriae	19.3	19.3	7.89	scansorial	frugivore, carnivore	species	omnivore	carnivore guild
Carnivora	Canidae	Phlaocyon marslandensis	19.5	19.5	8.676	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Tragulidae	Dorcatherium libiensis	19.5	19.5	9.903418485	ground dwelling	frugivore, grazer	species	herbivore	herbivore guild
Eulipotyphla	Soricidae	Pseudotrimylus blacki	19.5	19.5	3.89	ground dwelling	omnivore	species	omnivore	NA
Primates	Cebidae	Dolichocebus gaimanensis	19.5	19.5	7.901007052	arboreal	frugivore, omnivore	species	omnivore	NA
Rodentia	Geomyidae	Pleurolicus sulcifrons	26.05	19.525	4.4305	NA	NA	species	NA	Rodentia
Perissodactyla	Equidae	Archaeohippus mannulus	19.55	19.55	12.93592305	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Canidae	Cynarctoides gawnae	19.6	19.6	7.685683786	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
		Texomys stewarti	19.7	19.7	3.157	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Floridaceras whitei	21.7	19.7	14.51	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Amphicyon galushai	19.9	19.8	12.15387308	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Merycochoerus proprius	19.9	19.8	12.39164337	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Canidae	Cynarctoides emryi	19.9	19.9	7.70975018	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Ochotonidae	Gripholagomys lavocati	24.7	19.9	5.391	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Michenia agatensis	20.2	20.15	11.57035157	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoides harrisonensis	24.55	20.15	11.16901805				NA	NA
Artiodactyla	Moschidae	Machaeromeryx tragulus	20.2	20.2	9.16055795	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Insectivora	Proscalopidae	Mesoscalops montanensis	20.2	20.2	4.45	scansorial	insectivore	species	insectivore	NA
Carnivora	Amphicyonidae	Daphoenodon falkenbachii	20.8	20.2	11.9269489	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Parahippus nebrascensis	21.4	20.2	12.046				NA	NA
Carnivora	Amphicyonidae	Ysengrinia americana	21.6	20.2	11.9800865	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Protoceratidae	Syndoceras cooki	22.15	20.2	11.20615795	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Tanymycter brachyodontus	22.35	20.2	11.4065	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Mustelidae	Megalicteis ferox	23.5	20.2	9.167071737	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
		Pacculus montanus	24.1	20.45	4.398	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Canidae	Cynarctoides luskensis	20.8	20.7	7.598377481	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Phlaocyon minor	25.2	20.7	8.10078719	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Adilophontes brachykolos	20.9	20.8	11.69899216	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Phlaocyon annectens	21.05	20.85	8.075019661	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Temnocyon percussor	21.45	20.85	11.178	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Rhinocerotidae	Menoceras arikarensis	21.6	20.85	13.17782874	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Menoceras cooki	21.75	20.85	12.4339595	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Entelodontidae	Dinohyus hollandi	22.4	20.85	14.41227924	ground dwelling	omnivore	species	omnivore	NA
Perissodactyla	Chalicotheriidae	Moropus elatus	23	20.85	13.61076556	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Daphoenodon skinneri	20.9	20.9	11.45948858	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Paraenhydrocyon wallovianus	25.615	20.9	9.844909379	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Cynarctoides harlowi	20.95	20.95	7.124	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild

Artiodactyla	Camelidae	Priscocamelus wilsoni	21.05	21	11.25594069	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Michenia exilis	21.95	21	10.90654567	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Similiscirus maxwelli	21.05	21.05	5.5585	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla		Delahomeryx browni	21.05	21.05	10.5945	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Gregorymys riograndensis	21.05	21.05	3.781	fossorial	browser	species	herbivore	Rodentia
Eulipotyphla	Erinaceidae	Brachyerix hibbardi	21.05	21.05	4.359	semifossorial	insectivore, carnivore	species	insectivore	NA
Artiodactyla	Hypertragulidae	Nanotragulus ordinatus	23.5	21.05	8.535051774	ground dwelling	frugivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Stenoechinus tantalus	24.6	21.1	3.879	semifossorial	insectivore, carnivore	species	insectivore	NA
Carnivora	Amphicyonidae	Cynelos lemanensis	21.2	21.2	10.71392844	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Ysengrinia gerandiana	21.2	21.2	11.45536084	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora		Proailurus lemanensis	21.2	21.2	9.546517796	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Geomyidae	Entoptychus leptophrys	21.2	21.2	3.982	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Suidae	Hyotherium meisneri	21.2	21.2	10.71392844	ground dwelling	omnivore	genus	omnivore	NA
		Phoberogale depereti	21.2	21.2	10.47676217	ground dwelling	herbivore, carnivore	species	omnivore	NA
		Phoberogale ginesticus	21.2	21.2	10.61491728	ground dwelling	herbivore, carnivore	genus	omnivore	NA
Carnivora		Herpestides antiquus	22.715	21.2	8.293911505	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
	Cainotheriidae	Cainotherium commune	22.715	21.2	13.81551056	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Equidae	Anchippus texanus	22.4	21.25	11.217				NA	NA
Rodentia	Geomyidae	Gregorymys curtus	23.25	21.25	4.67	fossorial	browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Archaeolagus macrocephalus	24.7	21.25	7.51	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Geomyidae	Gregorymys formosus	24.35	21.3	4.3545	fossorial	browser	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Diceratherium niobrarense	21.45	21.45	14.56	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Miotapirus harrisonensis	22.15	21.55	11.301	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Problastomeryx primus	21.95	21.6	9.61	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Diceratherium annectens	27.5	21.6	13.72663718	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Cynelos caroniavorus	21.7	21.7	9.655	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Euoplocyon spissidens	21.7	21.7	9.314205702	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Oligobunis floridanus	21.7	21.7	10.09553075	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Zodiolestes freundi	21.7	21.7	10.34666619	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Nototamias hulberti	21.7	21.7	2.838	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Petauristodon pattersoni	21.7	21.7	5.818	scansorial	granivore, frugivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Floridatragulus dolichanthereus	21.7	21.7	10.49705723	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Nothokemas floridanus	21.7	21.7	11.42436627	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Machaeromeryx gilchristensis	21.7	21.7	8.42	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Artiodactyla	Moschidae	Parablastomeryx floridanus	21.7	21.7	9.944488279	ground dwelling	browser, grazer	species	herbivore	herbivore guild
Carnivora	Ursidae	Phoberocyon johnhenryi	21.7	21.7	11.88401452	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Artiodactyla	Tayassuidae	Floridachoerus olseni	21.9	21.7	10.85755547	ground dwelling	herbivore, omnivore	species	omnivore	NA
Rodentia	Castoridae	Pseudopalaeocastor barbouri	22.6	21.7	5.8305				NA	Rodentia
Perissodactyla	Tapiridae	Nexuotapirus marslandensis	23.5	21.7	12.283	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Fossorcastor fossor	24	21.7	6.923				NA	Rodentia
Carnivora	Amphicyonidae	Mammacyon obtusidens	21.75	21.75	11.16	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Mustelidae	Megalictis frazieri	21.75	21.75	9.689	scansorial	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Nothokemas waldropi	25.55	21.75	10.21866494	ground dwelling	browser, browser	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Proheteromys toledoensis	21.9	21.9	4.084	ground dwelling	granivore, browser	species	herbivore	Rodentia
Artiodactyla	Protoceratidae	Prosynthetoceras orthrionanus	21.9	21.9	10.62947066	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Castoridae	Neotacastor hesperus	22.3	21.9	6.943				NA	Rodentia
Carnivora	Amphicyonidae	Daphoenodon notionastes	23.05	21.9	10.90139329	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Chalicotheriidae	Moropus oregonensis	23.05	21.9	12.117	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Diceratherium armatum	32.7	21.9	14.79137582	ground dwelling	browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Archaeolagus primigenius	24.7	21.95	6.4375	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Hibbarderix obfuscatus	22.1	22.1	3.5285	semifossorial	insectivore, carnivore	species	insectivore	NA
Rodentia	Mylagaulidae	Promylagaulus riggsi	24.7	22.1	4.4475	ground dwelling	herbivore	species	herbivore	Rodentia

Rodentia	Florentiamyidae	Sanctimus falckenbachii	22.15	22.15	5.018	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Entomys grandis	23.9	22.15	4.09	fossorial	browser	species	herbivore	Rodentia
Didelphimorphia	Herpetotheriidae	Herpetotherium youngi	32.9	22.15	2.861	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Merycoidodontidae	Merycochoerus chelydra	23.5	22.3	12.436	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Hypsops bannackensis	22.4	22.4	11.925				NA	NA
Artiodactyla	Camelidae	Stenomylus hitchcocki	24.8	22.4	10.68680263	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Hypsops brevipes	25.5	22.4	11.89454976	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycochoerus carrikeri	23.5	22.55	12.32733757				NA	NA
Rodentia	Castoridae	Euhapsis breugerorum	22.6	22.6	5.7385	amphibious	browser	species	herbivore	Rodentia
Rodentia	Castoridae	Fossorcastor greeni	22.6	22.6	6.248	amphibious	browser	species	herbivore	Rodentia
Carnivora	Canidae	Cormocyon haydeni	24.95	22.6	8.281970502	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Desmatochoerus megalodon	26.25	22.6	12.17251471	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Castoridae	Migmacastor procumbodens	22.615	22.615	6.51	amphibious	browser	species	herbivore	Rodentia
Rodentia	Geomyidae	Entomys sheppardi	22.65	22.65	4.5505	fossorial	browser	species	herbivore	Rodentia
Rodentia	Heteromyidae	Schizodontomys sulcidens	22.7	22.7	4.1805	ground dwelling	granivore, browser	species	herbivore	Rodentia
Carnivora	Canidae	Enhydrocyon crassidens	24.35	22.75	10.26257251	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Paraenhydrocyon josephi	28.5	22.75	9.100724702	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Sciurion campestre	22.9	22.9	3.126	scansorial	granivore, frugivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Hypotherium equinus	22.9	22.9	12.4225	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Leiomys blacki	29.25	22.9	4.139	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Cormocyon copei	25.8	23	8.50608742	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Phlaocyon achoros	23.05	23.05	7.8305	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Hypertragulidae	Nanotragulus loomisi	27.5	23.05	7.562481876	ground dwelling	frugivore	species	herbivore	herbivore guild
Carnivora	Canidae	Cynarctoides lemur	28.5	23.05	7.574399613	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lipotyphla	Geolabididae	Centetodon magnus	42.3	23.05	3.415291942	scansorial	insectivore	species	insectivore	NA
Carnivora	Canidae	Enhydrocyon basilatus	23.1	23.1	10.519	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Leptocyon vulpinus	23.1	23.1	8.57	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Paraenhydrocyon robustus	23.1	23.1	9.222847695	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Miohippus equianus	25.55	23.1	10.49	ground dwelling	browser	species	herbivore	herbivore guild
	Merycoidodontidae	Promerycochoerus superbus	25.7	23.1	12.522	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Miotylus gibbi	30.75	23.2	10.778	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Anthracotheriidae	Arctotherium leptodus	23.25	23.25	11.3839807	ground dwelling	grazer	species	herbivore	herbivore guild
Rodentia	Castoridae	Fossorcastor brachycephalus	23.65	23.25	5.9315	amphibious	browser	species	herbivore	Rodentia
Perissodactyla	Rhinocerotidae	Diceratherium gregorii	24.4	23.25	13.54094153	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Oreodontoides oregonensis	25.8	23.25	10.0230165	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Mesoreodon minor	29.75	23.25	11.38120069	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Geomyidae	Pleurolicus dakotensis	23.3	23.3	4.1155	NA	NA	species	NA	Rodentia
Rodentia	Allomyidae	Alwoodia harkseni	23.9	23.3	5.423	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Enhydrocyon pahinsintewakpa	25.2	23.3	10.0885	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Erinaceidae	Amphechinus horncloudi	24.6	23.4	5.1685	semifossorial	insectivore, carnivore	species	insectivore	NA
Rodentia	Sciuridae	Notomys quadratus	24.7	23.4	3.6105	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Eutypomyidae	Eutypomys montanensis	24.7	23.4	6.8545	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Florentiamyidae	Florentiamys tiptoni	24.7	23.4	4.8065	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Trilaccogaulus ovatus	24.7	23.4	4.659	ground dwelling	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Palaeolagus philoi	29.25	23.4	6.141	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Phenacocoelus typus	23.5	23.45	10.70927501	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Kalobatippus avus	23.5	23.5	10.54123456	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Miotylus leonardi	25.2	23.5	10.7735	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Leptauchenia decora	33.75	23.65	9.7995	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Heteromyidae	Proheteromys ironcloudi	26.25	23.7	2.223	ground dwelling	granivore, browser	species	herbivore	Rodentia
		Paculus nebraskensis	26.25	23.8	4.3905	ground dwelling	herbivore	species	herbivore	herbivore guild
		Heliscomys woodi	29.25	23.8	2.372				NA	NA

Rodentia	Florentiamyidae	Hitonkala macdonaldtau	24.7	23.85	3.2325	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Leidymys cerasus	23.9	23.9	3.727	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Erinaceidae	Parvericius voorhiesi	23.9	23.9	3.361	semifossorial	insectivore, carnivore	species	insectivore	NA
Rodentia	Allomyidae	Parallomys americanus	24.7	23.9	5.025	ground dwelling	herbivore	species	herbivore	Rodentia
Lipotyphla	Geolabididae	Centetodon divaricatus	24.7	23.9	3.4195	scansorial	insectivore	species	insectivore	NA
Rodentia	Florentiamyidae	Sanctimus stuartae	28	23.9	4.6145	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Nimravidae	Nimravus sectator	24	24	11.486	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Aplodontidae	Niglarodon petersonensis	24.1	24.1	4.778	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Trilaccogaulus lemhiensis	24.1	24.1	5.402	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Entoptychus fieldsi	24.1	24.1	4.2995	fossorial	browser	species	herbivore	Rodentia
Perissodactyla	Tapiridae	Nexuotapirus robustus	24.3	24.2	12.3925	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Daphoenus socialis	24.3	24.3	10.027	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Geomyidae	Entoptychus planifrons	24.3	24.3	4.906	fossorial	browser	species	herbivore	Rodentia
Rodentia	Florentiamyidae	Fanimus clasoni	24.4	24.35	4.465	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Mylagaulidae	Crucimys milleri	24.7	24.35	3.536	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Geringia gloveri	24.7	24.35	3.294	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Proheteromys gremmelsi	25.1	24.35	3.331	ground dwelling	granivore, browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Archaeolagus ennisianus	25.615	24.35	6.002				NA	NA
Lagomorpha	Leporidae	Palaeolagus hypsodus	29.25	24.35	5.619	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Allomyidae	Campestralromys dawsonae	29.25	24.35	5.496	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Florentiamyidae	Florentiamys agnewi	24.4	24.4	4.4375	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Tenudomys macdonaldi	24.4	24.4	4.378	fossorial	browser	species	herbivore	Rodentia
Rodentia	Aplodontidae	Meniscomys hippodus	25	24.4	4.246	fossorial	herbivore	species	herbivore	Rodentia
		Pacculus woodi	25.1	24.4	3.498	ground dwelling	herbivore	species	herbivore	herbivore guild
Lipotyphla	Talpidae	Quadrodens wilsoni	25.1	24.4	3.8315	fossorial	insectivore	species	insectivore	NA
Carnivora		Palaeogale doroithiae	26.25	24.4	6.099	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Sunkahetanka geringensis	26.25	24.4	9.704	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Primates	Omomyidae	Ekgmowechashala philotau	26.55	24.4	7.64	arboreal	omnivore	species	omnivore	NA
Carnivora	Canidae	Cynarctoides roii	27.25	24.4	7.153	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Allomyidae	Downsimus chadwicki	29.25	24.4	4.0335	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Geringia mcgregori	29.25	24.4	3.72	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Heteromyidae	Proheteromys fedti	29.25	24.4	2.867				NA	Rodentia
Carnivora	Nimravidae	Eusmilus cerebrealis	30.75	24.4	8.0295				NA	carnivore guild
Carnivora	Canidae	Archaeocyon leptodus	30.9	24.4	8.051322247	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Leptauchenia major	31.25	24.4	10.22135727	ground dwelling	herbivore	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Megalagus primitivus	31.4	24.4	6.941	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Nimravidae	Nimravus brachyops	31.8	24.4	10.31926677				NA	carnivore guild
Carnivora	Canidae	Cynodesmus thooides	33.1	24.4	9.370086429	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Mesocyon temnodon	33.2	24.4	8.94491037	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Desmatochoerus hesperus	24.45	24.45	12.014	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla		Archaeotherium trippensis	24.5	24.5	15.048	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Cricetidae	Leidymys korthi	24.7	24.7	3.774	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Philotrox condoni	25.8	24.7	9.636305386	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Heterosoricidae	Domnina dakotensis	26.55	24.7	3.4945	scansorial	insectivore	species	insectivore	NA
Carnivora	Canidae	Phlaocyon taylori	24.75	24.75	7.57	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Megalagus abaconis	24.75	24.75	7.02	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Florentiamyidae	Florentiamys loomisi	25.2	24.8	5.025	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Camelidae	Pseudolabis dakotensis	25.2	24.8	10.87444109	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Mesoreodon chelonys	29.75	24.8	11.59544804	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Heterosoricidae	Domnina greeni	24.9	24.9	3.521	scansorial	insectivore	species	insectivore	NA
Carnivora	Canidae	Otarocyon cooki	25.2	24.9	7.2	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Florentiamyidae	Sanctimus stouti	24.95	24.95	4.79	ground dwelling	herbivore	species	herbivore	Rodentia

Artiodactyla	Camelidae	Miotylopus taylori	24.95	24.95	11.163	ground dwelling	browser, browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Paradaphoenus tooheyi	25	25	9.51870599	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Nimravidae	Pogonodon eileenae	25	25	10.97	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Aplodontidae	Niglarodon koerneri	28.25	25	4.227	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Agnotocastor coloradensis	33.3	25.15	7.052	amphibious	browser	species	herbivore	Rodentia
Carnivora	Canidae	Ectopocynus intermedius	25.2	25.2	9.818053325	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Florentiamyidae	Florentiamys kinseyi	25.2	25.2	5.061	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Canidae	Ectopocynus antiquus	27.75	25.2	9.165456585	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Paroreodon parvus	25.615	25.35	10.2	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Hypertragulus calcaratus	35.35	25.35	7.633414786	ground dwelling	frugivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoides parigonos	25.45	25.45	10.44915782	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Mesoreodon floridensis	25.55	25.55	11.53991661	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Paradaphoenus cuspidus	25.615	25.55	8.29702482	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Mesocyon brachyops	30.75	25.55	9.1955	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Insectivora	Micropternodontidae	Micropternodus morgani	25.615	25.615	4.28	scansorial	insectivore	species	insectivore	NA
Rodentia	Sciuridae	Miosciurus balboianus	25.615	25.615	3.6025				NA	Rodentia
Artiodactyla	Hypertragulidae	Nanotragulus planiceps	25.8	25.615	7.489970899				NA	NA
Carnivora	Canidae	Rhizocyon oregonensis	28.5	25.615	7.946362789	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Phlaocyon latidens	28.75	25.615	7.857933492	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Eporeodon occidentalis	28.75	25.615	11.11766042	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Canidae	Mesocyon coryphaeus	28.95	25.615	9.437253684	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Canidae	Osbornodon sesnoides	30.45	25.615	9.175276993	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Agriochoeridae	Agriochoerus guyotianus	32.7	25.615	10.11100373	scansorial	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoidodon bullatus	33.55	25.615	11.0486581	ground dwelling	herbivore	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Archaeolagus emeraldensis	25.7	25.7	6.73	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Allomyidae	Allomys cristabrevis	25.7	25.7	5.474	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Hyracodontidae	Aprotodon lanzhouensis	25.715	25.715	13.90991655	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Indricotheriidae	Indricotherium transouralicum	25.715	25.715	16.52806086	ground dwelling	browser	species	herbivore	herbivore guild
		Jimomys lulli	25.8	25.8	3.321	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Sciuridae	Protospermophilus vortmani	25.8	25.8	5.4385				NA	Rodentia
Carnivora	Canidae	Enhydrocyon stenocephalus	28.5	25.8	10.06475328	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Perissodactyla	Equidae	Miohippus intermedius	32.55	25.8	11.07596635	ground dwelling	browser	species	herbivore	herbivore guild
Insectivora	Proscalopidae	Proscalops tertius	33.1	26.05	4.572	scansorial	insectivore	species	insectivore	NA
Carnivora	Canidae	Cynodesmus martini	26.25	26.25	10.0245	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Sespia californica	28.95	27.05	7.871370042	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Protoceras skinneri	30.25	27.25	10.67613883	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Daphoenus ruber	27.3	27.3	9.185	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Protosciurus tecuensis	27.3	27.3	6.17	scansorial	granivore, frugivore	species	herbivore	Rodentia
Carnivora	Canidae	Archaeocyon pavidus	31.15	27.75	7.515026914	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Eomyidae	Zetamys nebraskensis	28	28	4.0995	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Eumys brachyodus	33.6	28	4.839	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Leptomerycidae	Pronodens silberlingi	28.25	28.25	9.701436468	ground dwelling	frugivore	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Temnocyon altigenis	30.75	28.5	10.4225	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Merycoidodontidae	Eucrotaphus trigonocephalus	28.75	28.75	10.902				NA	NA
Artiodactyla	Tayassuidae	Thinohyus lentus	28.75	28.75	10.83997299	ground dwelling	herbivore, omnivore	species	omnivore	NA
Didelphimorphia	Herpetotheriidae	Herpetotherium merriami	28.75	28.75	3.211	ground dwelling	omnivore	species	omnivore	NA
		Perchoerus probus	34.15	28.75	10.19580883	ground dwelling	herbivore, omnivore	species	omnivore	NA
Rodentia	Eomyidae	Leptodontomys douglassi	30.9	29.25	1.9925	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Metadjidaumo hendryi	32.9	29.25	2.34	ground dwelling	herbivore	species	herbivore	Rodentia
		Ankylodon annectens	33.3	29.25	3.4125	ground dwelling	insectivore	species	insectivore	NA
		Heliscomys vetus	37.65	29.25	1.839	ground dwelling	herbivore	species	herbivore	herbivore guild
Didelphimorphia	Herpetotheriidae	Herpetotherium fugax	37.85	29.25	2.963				NA	NA

Rodentia	Cricetidae	Eumys elegans	35.1	29.45	5.093	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Allomyidae	Campestralromys siouxiensis	29.95	29.75	5.071	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Geomyidae	Tenodomys bodei	29.9	29.9	3.7715	fossorial	browser	species	herbivore	Rodentia
Artiodactyla	Leptochoeridae	Leptochoerus spectabilis	31.65	29.95	8.376163421	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Miohippus obliquidens	34.85	30.25	10.56157388	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Sespemys thurstoni	30.75	30.75	5.671	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Anthracotheriidae	Elomeryx armatus	33.65	30.75	11.78834531	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Subhyracodon occidentalis	33.85	30.75	13.41851909	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Leptomeryx evansi	37.4	30.9	8.244878293	ground dwelling	frugivore	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Diceratherium tridactylum	32.55	31.05	13.88064834	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Canidae	Hesperocyon gregarius	42.3	31.05	8.075	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Carnivora	Nimravidae	Eusmilus bidentatus	31.15	31.15	10.01624515	ground dwelling	carnivore	species	carnivore	carnivore guild
Proboscidea		Barytherium grave	31.15	31.15	15.06827353	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Proboscidea		Palaeomastodon beadnelli	31.15	31.15	14.91412285	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Primates	Propitopithecidae	Aegyptopithecus zeuxis	31.15	31.15	8.974618038	arboreal	omnivore	species	omnivore	NA
Carnivora	Canidae	Oxetocyon cuspidatus	31.25	31.15	7.636517708	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Eulipotyphla	Erinaceidae	Proterix loomisi	32.15	31.25	6.26	semifossorial	insectivore, carnivore	species	insectivore	NA
Artiodactyla	Leptochoeridae	Leptochoerus supremus	32.75	31.25	9.542	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Protapirus simplex	33.8	31.25	11.35115457	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Allomyidae	Oropycitis pediasius	31.4	31.4	5.075	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Aplodontidae	Prosciurus magnus	32.8	31.4	4.685	fossorial	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Palaeolagus burkei	34.45	31.4	5.73	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Aplodontidae	Prosciurus relictus	37.65	31.4	4.119				NA	Rodentia
Artiodactyla	Camelidae	Paralabis cedrensis	31.55	31.55	10.45635524				NA	NA
Perissodactyla	Hyracodontidae	Hyracodon leidyanus	33.1	31.55	12.37623621	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Hyracodon nebraskensis	37.5	31.55	11.99489779	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Canidae	Osbornodon renjieii	33.55	31.95	8.80626773	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Allomyidae	Allomys storeri	32.15	32.15	4.526	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Aplodontidae	Leptoromys wilsoni	32.35	32.15	4.695	fossorial	herbivore	species	herbivore	Rodentia
Eulipotyphla	Heterosoricidae	Domnina gradata	42.3	32.15	3.6005	scansorial	insectivore	species	insectivore	NA
		Heliscomys senex	32.35	32.35	1.459	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Allomyidae	Haplomys galbreathi	32.35	32.35	3.663	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Allomyidae	Pelycomys placidus	33.3	32.35	5.838	ground dwelling	herbivore	species	herbivore	Rodentia
Lipotyphla	Geolabididae	Centetodon marginalis	33.3	32.35	2.7	scansorial	insectivore	species	insectivore	NA
Lagomorpha	Leporidae	Megalagus turgidus	35.25	32.35	7.022	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Agriochoerus gaudryi	32.55	32.55	10.67613883	scansorial	herbivore	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Amphicaenopus platycephalus	32.55	32.55	14.69	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Miohippus assiniboensis	32.55	32.55	10.905	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Miohippus gidleyi	33.2	32.55	11.291	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Protoceras celer	33.65	32.55	10.69669399	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Meshippus bairdi	36.75	32.7	10.24707292	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Miniochoerus affinis	35.1	32.75	10.367	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoidodon culbertsoni	37.6	32.75	10.61452527	ground dwelling	herbivore	genus	herbivore	herbivore guild
Artiodactyla		Archaeotherium lemleyi	32.8	32.8	13.959	ground dwelling	omnivore	species	omnivore	NA
Rodentia	Allomyidae	Campestralromys annectens	32.85	32.8	4.362	fossorial	herbivore	species	herbivore	Rodentia
Rodentia		Diplolophus insolens	33.3	32.8	5.233	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Leptochoeridae	Leptochoerus elegans	33.9	32.8	8.254	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Sciuridae	Cedromus wardi	36.05	32.8	5.502	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Sciuridae	Protosciurus mengi	36.05	32.8	5.793	scansorial	granivore, frugivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Paradjidaumo trilophus	37.85	32.8	3.502	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Aplodontidae	Prosciurus parvus	33.6	32.85	3.809	fossorial	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Adjidaumo minutus	37.5	32.85	2.851	ground dwelling	herbivore	species	herbivore	Rodentia

Perissodactyla	Tapiridae	Colodon cingulatus	38.9	32.85	12.061	ground dwelling browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Paradjidaumo spokanensis	32.9	32.9	3.94	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Scottimus ambiguus	33.3	32.9	3.817	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Wilsonemys planidens	33.3	32.9	4.311	ground dwelling herbivore	species	herbivore	Rodentia
Didelphimorphia	Herpetotheriidae	Copedelphys stevensoni	33.6	32.9	1.417	ground dwelling omnivore	species	omnivore	NA
		Nanodelphys hunti	42.45	32.9	1.707	scansorial omnivore	species	omnivore	NA
		Epeiromys spanius	32.95	32.95	4.62	ground dwelling herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Paradjidaumo validus	32.95	32.95	4.105	ground dwelling herbivore	species	herbivore	Rodentia
Artiodactyla		Stibarus obtusilobus	36.25	32.95	7.332	ground dwelling grazer, browser	species	herbivore	herbivore guild
Rodentia	Cricetidae	Scottimus viduus	37.65	32.95	3.952	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Cricetidae	Scottimus exiguus	33.1	33	4.234	ground dwelling herbivore	species	herbivore	Rodentia
Creodonta	Hyaenodontidae	Hyaenodon horridus	36.9	33	10.48551769	ground dwelling carnivore	species	carnivore	carnivore guild
Insectivora	Apatemyidae	Sinclairiella dakotensis	37.5	33	5.415	arboreal herbivore	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Daphoenus hartshornianus	33.4	33.2	9.269670186	ground dwelling carnivore, omnivore	species	carnivore	carnivore guild
		Apletotomeus crassus	33.4	33.2	2.153	ground dwelling herbivore	species	herbivore	herbivore guild
Carnivora	Nimravidae	Hoplophoneus primaevus	34.55	33.2	10.15301945	ground dwelling carnivore	species	carnivore	carnivore guild
Carnivora	Nimravidae	Dinictis felina	35.5	33.2	10.03927101	ground dwelling carnivore	species	carnivore	carnivore guild
		Poebrotherium wilsoni	35.85	33.2	10.29967075	ground dwelling browser, browser	species	herbivore	herbivore guild
Artiodactyla		Stibarus quadricuspis	36.25	33.2	7.435	ground dwelling grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Miniochoerus gracilis	36.25	33.2	9.725148428	ground dwelling herbivore	species	herbivore	herbivore guild
Artiodactyla		Archaeotherium mortoni	36.6	33.2	11.99887837	ground dwelling omnivore	species	omnivore	NA
Perissodactyla	Tapiridae	Colodon occidentalis	36.9	33.2	10.98	ground dwelling browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Hyaenodon crucians	37.2	33.2	9.134146382	ground dwelling carnivore	species	carnivore	carnivore guild
Carnivora	Amphicyonidae	Pseudocyonopsis antiquus	33.289	33.289	10.29255537	ground dwelling carnivore	genus	carnivore	carnivore guild
Carnivora	Canidae	Hesperocyon coloradensis	33.3	33.3	8.509453986	ground dwelling carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Hypertragulidae	Leptomeryx elissae	33.3	33.3	7.075843991	ground dwelling frugivore	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Drassonax harpagops	33.3	33.3	7.646	ground dwelling herbivore, carnivore	species	omnivore	carnivore guild
Eulipotyphla	Soricidae	Pseudotrimylus compressus	33.3	33.3	3.362	ground dwelling omnivore	species	omnivore	NA
Carnivora	Amphicyonidae	Daphoenus vetus	33.5	33.3	10.26654332	ground dwelling carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Camelidae	Paratylopus labiatus	34.05	33.3	10.57806962	ground dwelling browser, browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Hyaenodon mustelinus	35.65	33.3	7.999	ground dwelling carnivore	species	carnivore	carnivore guild
Artiodactyla	Leptomerycidae	Hendryomeryx esulcatus	36.9	33.3	8.507704869			NA	NA
Rodentia	Allomyidae	Pelycomys brulanus	33.4	33.4	5.214	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Agnotocastor readingi	33.4	33.4	6.372	amphibious browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Palaeolagus hemirhizis	34.7	33.4	4.845	ground dwelling grazer, browser	species	herbivore	herbivore guild
Rodentia	Eutypomyidae	Eutypomys thomsoni	35.2	33.4	6.362	ground dwelling herbivore	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Paradaphoenus minimus	36.05	33.4	10.86820164	ground dwelling carnivore	species	carnivore	carnivore guild
Rodentia	Sciuridae	Oligospermophilus douglassi	36.35	33.4	4.679	scansorial granivore, frugivore	species	herbivore	Rodentia
	Ischyromyidae	Ischyromys veterior	37.75	33.4	6.206	ground dwelling herbivore	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Agriochoerus antiquus	38.35	33.4	10.82352844	scansorial herbivore	species	herbivore	herbivore guild
Rodentia	Cricetidae	Scottimus longiquus	33.55	33.55	4.7125	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Adjidaumo minimus	37.75	33.6	1.895	ground dwelling herbivore	species	herbivore	Rodentia
Perissodactyla	Equidae	Miohippus grandis	36.9	33.65	10.708	ground dwelling browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Litolagus molidens	33.75	33.75	5.084	ground dwelling grazer, browser	species	herbivore	herbivore guild
		Poebrotherium eximium	36.25	33.75	10.32084231	ground dwelling browser, browser	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Leptomeryx speciosus	37.6	33.75	8.72745222	ground dwelling frugivore	species	herbivore	herbivore guild
Carnivora	Nimravidae	Hoplophoneus occidentalis	33.8	33.8	11.11809552	ground dwelling carnivore	species	carnivore	carnivore guild
Artiodactyla	Anthracotheriidae	Aepinacodon americanus	35.8	33.8	12.14748307			NA	NA
Perissodactyla	Rhinocerotidae	Subhyracodon mitis	36.1	33.8	12.723	ground dwelling browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Palaeolagus temnodon	37.85	33.85	5.121	ground dwelling grazer, browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Adjidaumo intermedius	35.9	33.9	2.357	ground dwelling herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Adjidaumo maximus	34.7	34.05	2.96	ground dwelling herbivore	species	herbivore	Rodentia

Perissodactyla	Brontotheriidae	Brontops brachycephalus	38.6	34.15	15.17173318	ground dwelling	browser	species	herbivore	herbivore guild
Didelphimorphia	Herpetotheriidae	Copedelphys titanelix	37	34.3	1.778	ground dwelling	omnivore	species	omnivore	NA
Didelphimorphia	Herpetotheriidae	Herpetotherium valens	37.85	34.3	3.379	ground dwelling	omnivore	species	omnivore	NA
Lipotyphla	Geolabididae	Centetodon kuenzii	42.55	34.3	2.781	scansorial	insectivore	species	insectivore	NA
Perissodactyla	Equidae	Meshippus exoletus	35.5	34.55	10.312	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Amynodontidae	Metamynodon planifrons	36.5	34.55	13.98838807	amphibious	browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pseudocylindrodon neglectus	37.5	34.7	4.483	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Namatomys lloydi	37.75	34.7	3.23	ground dwelling	herbivore	species	herbivore	Rodentia
Lagomorpha	Leporidae	Megalagus brachyodon	37.85	34.85	5.624	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Trigonias osborni	38.15	34.85	12.82174003	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Brachyrhynchocyon dodgei	37.1	34.95	10.45088518	ground dwelling	carnivore	species	carnivore	carnivore guild
Insectivora	Micropternodontidae	Micropternodus borealis	37.5	34.95	3.728	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Anthracotheiidae	Bothriodon rostratus	35.1	35.1	11.665	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Pseudoprotoceras longinaris	37.5	35.35	9.530282583	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Hyracodon priscidens	37.75	35.5	11.77079498	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Hyaenodon montanus	38.35	35.5	9.29	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Protoceratidae	Pseudoprotoceras minor	38.35	35.5	8.888996575	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Krabitherium waileki	35.55	35.55	10.04157359	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Aulolithomys vexillaries	35.65	35.65	2.96	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Castoridae	Agnotocastor galushai	35.65	35.65	6.267	amphibious	browser	species	herbivore	Rodentia
Lagomorpha	Leporidae	Chadrolagus emryi	36	35.65	4.15	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia		Nonomys simplicidens	36.55	35.65	2.777	ground dwelling	herbivore	species	herbivore	Rodentia
	Oligoryctidae	Oligoryctes cameronensis	37.5	35.65	1.498	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Hypertragulidae	Leptomeryx mammifer	37.6	35.65	9.420731004	ground dwelling	frugivore	species	herbivore	herbivore guild
		Heliscomys ostranderi	37.75	35.65	1.397	ground dwelling	herbivore	species	herbivore	herbivore guild
Lipotyphla	Geolabididae	Centetodon chadronensis	37.85	35.65	2.609	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Oromerycidae	Eotylopus reedi	38.05	35.65	10.19390691	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Bathygenys alpha	38.6	35.65	7.795245132	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Penetrigonias dakotensis	37.75	35.7	12.25471771	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Aulolithomys bounites	37.6	35.8	4.249	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Zemiodontomys burkei	37.6	35.8	4.778	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Pipestoneomyidae	Pipestoneomys bisulcatus	37.65	35.8	3.853	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Amphicyonidae	Brachyrhynchocyon montanus	35.85	35.85	8.645	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Cylindrodontidae	Cylindrodon fontis	36	35.85	4.476	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Heterosoricidae	Domnina thompsoni	37.5	35.85	2.98	scansorial	insectivore	species	insectivore	NA
Artiodactyla		Stibarus montanus	37.85	35.85	7.507	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Colodon kayi	43.05	35.85	10.32820218	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Agriochoerus maximus	39.35	35.9	10.67613883	scansorial	herbivore	species	herbivore	herbivore guild
Rodentia	Eutypomyidae	Eutypomys parvus	36.9	36	5.6	ground dwelling	herbivore	species	herbivore	Rodentia
Carnivora	Ursidae	Parictis parvus	37.75	36.1	7.178	ground dwelling	herbivore, carnivore	species	omnivore	carnivore guild
Perissodactyla	Equidae	Meshippus westoni	37.85	36.1	11.17252206	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Brontops dispar	38.15	36.2	15.51432432	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Allomyidae	Pelycomys rugosus	36.25	36.25	5.797	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Apternodontidae	Apternodus iliffensis	37.3	36.25	4.089	scansorial	insectivore	species	insectivore	NA
Rodentia	Eomyidae	Centimanomys major	37.5	36.25	5.473	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cylindrodontidae	Cylindrodon nebraskensis	37.5	36.25	5.106	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla		Toxotherium hunteri	38.35	36.25	9.726	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Entelodontidae	Megachoerus latidens	36.35	36.35	14.44263996	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Protoceratidae	Heteromeryx dispar	38.45	36.35	9.807197264	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Trigonias yoderensis	36.7	36.4	11.83085431				NA	NA
Artiodactyla		Brachyhyops wyomingensis	38.75	36.5	11.485	ground dwelling	omnivore	species	omnivore	NA
Carnivora		Prohesperocyon wilsoni	36.55	36.55	8.123	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild

Creodonta	Hyaenodontidae	Hyaenodon raineyi	36.55	36.55	6.998	ground dwelling	carnivore	species	carnivore	carnivore guild
		Poebrotherium chadronense	36.55	36.55	10.10356716	ground dwelling	browser, browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Limnenetes platyceps	36.95	36.55	9.737632358	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Bathygenys reevesi	37.1	36.55	8.151898471	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Ardynomys occidentalis	37.1	36.55	5.298	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Hypertragulidae	Parvitrágulus priscus	37.75	36.55	7.470151121	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pseudocylindrodon pintoensis	38.6	36.55	5.272	ground dwelling	herbivore	species	herbivore	Rodentia
		Meliakrouniomys wilsoni	36.6	36.6	4.504	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pseudocylindrodon texanus	36.6	36.6	5.198	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Hyracodontidae	Hyracodon petersoni	36.7	36.6	11.24405879	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoidodon dunagani	37.1	36.6	10.28104244	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Merycoidodon presidioensis	37.75	36.6	9.267	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Meshippus texanus	38.45	36.6	9.193066782	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Stibarus yoderensis	36.7	36.7	7.867537137	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Yoderimys bumpi	36.7	36.7	4.234	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Brontotheriidae	Megacerops osborni	36.7	36.7	14.55301026	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Brachyhyops viensis	37.75	36.7	12.264	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Hypertragulidae	Leptomeryx yoderi	37.85	36.7	8.92593097	ground dwelling	frugivore	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Hyaenodon venturae	39.75	36.7	7.409	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Eutypomyidae	Eutypomys inexpectatus	38.35	36.75	6.594	ground dwelling	herbivore	species	herbivore	Rodentia
Cimolodonta	Neoplagiulacidae	Ectypodus lovei	42.55	36.8	2.82271949	arboreal	omnivore	species	omnivore	NA
Creodonta	Hyaenodontidae	Hyaenodon microdon	36.9	36.9	7.589	ground dwelling	carnivore	species	carnivore	carnivore guild
Rodentia	Eomyidae	Cupressimus barbarae	36.9	36.9	2.802	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Anthracotheeriidae	Bothriodon advena	36.9	36.9	12.63424466	ground dwelling	browser	species	herbivore	herbivore guild
		Didelphidectes pumilis	36.9	36.9	2.587	scansorial	omnivore	species	omnivore	NA
Artiodactyla	Protoceratidae	Pseudoprotoceras semicinctus	37.75	36.9	10.4341134				NA	NA
Rodentia	Cylindrodontidae	Cylindrodon collinus	37.85	36.9	4.756	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Paradjidaumo hansonorum	37.85	36.9	3.259	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Yoderimys stewarti	37.85	36.9	4.612	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Leptotomus guildayi	42.45	36.9	4.987654606	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Oromerycidae	Montanatylopus matthewi	36.95	36.95	11.3196132	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pseudocylindrodon medius	37.65	36.95	3.788	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cylindrodontidae	Jaywilsonomys ojinagaensis	38.6	36.95	6.247	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Leptomerycidae	Hendryomeryx defordi	38.35	37	8.13783561	ground dwelling	frugivore	species	herbivore	herbivore guild
Carnivora	Miacidae	Miacis cognitus	37.1	37.1	7.882				NA	carnivore guild
Perissodactyla	Tapiridae	Colodon stovalli	38.35	37.1	10.54020218	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Pseudotomus johanniculi	42.7	37.1	9.413	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Anthracotheeriidae	Anthracotherium pangan	37.15	37.15	12.80765263	ground dwelling	browser	species	herbivore	herbivore guild
Insectivora	Micropternodontidae	Micropternodus montrosensis	37.5	37.15	4.641	scansorial	insectivore	species	insectivore	NA
Primates	Amphipithecidae	Pondaungia cotteri	42.9	37.15	9.104979856	arboreal	omnivore	species	omnivore	NA
Leptictida	Leptictidae	Leptictis douglassi	37.2	37.2	7.058	ground dwelling	insectivore, carnivore	species	insectivore	NA
Perissodactyla	Amynodontidae	Metamynodon chadronensis	38.35	37.2	13.59557256	amphibious	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Duchesneodus uintensis	40	37.2	14.1426263	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Miacidae	Miacis australis	42.3	37.2	7.633				NA	carnivore guild
Perissodactyla	Hyracodontidae	Hyracodon medius	43.05	37.2	10.958	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Protoreodon pumilus	45.25	37.2	9.899396404	scansorial	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Quadratomys gigans	37.3	37.3	9.328	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Viejadjidaumo magniscopuli	37.3	37.3	3.031	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Microparamys perfossus	37.35	37.3	3.93	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Lito yoderimys lustrorum	37.35	37.3	3.968	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Adjidaumo burkei	37.75	37.4	1.592	ground dwelling	herbivore	species	herbivore	Rodentia
	Plagiomenidae	Thylacaelurus montanus	42.2	37.4	4.139	scansorial	insectivore	species	insectivore	NA

Rodentia	Eomyidae	Paradjidaumo alberti	46.75	37.4	2.804	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Paranamatomys storeri	37.5	37.5	2.027	ground dwelling	herbivore	species	herbivore	Rodentia
Lipotyphla	Geolabididae	Centetodon hendryi	42.2	37.5	2.892	scansorial	insectivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Hyaenodon vetus	39.85	37.6	9.143	ground dwelling	carnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Palaeolagus primus	37.75	37.75	4.691	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Eomyidae	Litoyoderimys auogoleus	37.75	37.75	3.834	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Paramys compressidens	44.25	37.75	7.307	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Merycoidodontidae	Aclistomycter middletoni	42.3	38.05	10.57116816	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Poabromylus kayi	39.15	38.35	9.643087334	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Haplohippus texanus	39.6	38.35	9.532	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Amphicyonidae	Daphoenus lambei	42.3	38.35	9.498290728	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
	Ischyromyidae	Pseudotomus petersoni	44.75	38.45	8.345	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Hypertragulus heikeni	39.05	38.6	8.377931124	ground dwelling	frugivore	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Protoreodon petersoni	43.75	38.6	8.543394938	scansorial	herbivore	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Simimeryx minutus	38.75	38.75	7.09685816	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Lophiodontidae	Lophiodon rhinocerodes	44.5	38.8	12.54254488	ground dwelling	folivore	genus	herbivore	herbivore guild
Artiodactyla		Antiacodon pygmaeus	51.9	38.8	6.966	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Equidae	Duchesnehippus intermedius	39.35	38.9	9.43	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Amynodontidae	Amynodontopsis bodei	40.5	38.9	13.14396534	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Mytonomys robustus	43.3	39.05	7.625	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pareumys guensburgi	39.35	39.35	4.955	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Protadjidaumo typus	49.25	39.35	2.509	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Hypertragulidae	Leptomeryx blacki	39.45	39.45	8.100642008	ground dwelling	frugivore	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Teletaceras mortivallis	39.45	39.45	11.022	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Teletaceras radinskyi	39.6	39.6	11.795	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Plesiocolopirus hancocki	42.7	39.6	10.2549419	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Equidae	Epihippus gracilis	49.25	39.6	10.14289987	ground dwelling	browser	species	herbivore	herbivore guild
	Protoptychidae	Presbymys lophatus	39.75	39.75	4.378	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Metanoiamys korthi	39.75	39.75	2.635	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eomyidae	Paradjidaumo reynoldsi	39.75	39.75	2.874	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Simimyidae	Simimys landeri	39.75	39.75	3.701	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Agriochoeridae	Protoreodon pacificus	40.1	39.75	9.386963659	scansorial	herbivore	species	herbivore	herbivore guild
Artiodactyla	Oromerycidae	Protylopus pearsonensis	40.1	39.75	9.746314413	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Hypertragulidae	Simimeryx hudsoni	40.35	39.75	7.844	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Primates	Omomyidae	Chumashius balchi	40.35	39.75	5.937	arboreal	insectivore	species	insectivore	NA
Acreodi		Simidectes merriami	40.5	39.75	9.627	scansorial	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Microparamys tricus	40.5	39.75	3.993	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Leptoreodon stocki	41.05	39.75	8.828587054	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pareumys milleri	41.55	39.75	4.346	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Simimyidae	Simimys simplex	43.05	39.75	2.723	ground dwelling	herbivore	species	herbivore	Rodentia
		Proterixoides davisii	43.05	39.75	5.184	ground dwelling	insectivore	species	insectivore	NA
		Sespedectes singularis	44.55	39.75	3.097	ground dwelling	insectivore	species	insectivore	NA
		Peradectes californicus	45.15	39.75	1.85	scansorial	omnivore	species	omnivore	NA
		Griphomys alecer	46.75	39.75	2.577	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Mytonomys coelumensis	40	40	7.634	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Oromerycidae	Protylopus stocki	42.85	40	8.868053857	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Triplopus woodi	42.85	40	10.783	ground dwelling	browser	species	herbivore	herbivore guild
Acreodi		Simidectes magnus	43.55	40	8.919	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Protoceratidae	Leptoreodon leptolophus	44.65	40	8.424778609	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Dyseolemur pacificus	43.05	40.1	5.458	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Protoceratidae	Leptoreodon pusillus	46.85	40.1	7.781962818	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Amynodontidae	Megalamynodon regalis	40.25	40.25	14.33994005	amphibious	browser	species	herbivore	herbivore guild

Artiodactyla	Agriochoeridae	Protoreodon pearcei	43.05	40.25	10.2805158	scansorial	herbivore	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Heteralestes leotanus	43.05	40.25	8.778182831	ground dwelling	browser	species	herbivore	herbivore guild
		Sespedectes stocki	40.35	40.35	3.174	ground dwelling	insectivore	species	insectivore	NA
Rodentia	Eomyidae	Metanoiarnys marinus	41.05	40.35	2.239	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Mytonomys mytonensis	41.15	40.35	7.098	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Protoreodon walshi	43.05	40.35	9.397293861	scansorial	herbivore	species	herbivore	herbivore guild
Artiodactyla	Oromerycidae	Protylopus petersoni	45.15	40.35	8.852527149	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Amylodontidae	Amylodon advenus	49.25	40.35	13.13165335	ground dwelling	browser	species	herbivore	herbivore guild
Didelphimorphia	Herpetotheriidae	Herpetotherium knighti	51.8	40.35	3.141	ground dwelling	omnivore	species	omnivore	NA
Artiodactyla	Oromerycidae	Protylopus robustus	40.75	40.5	9.410701616	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Eohaplomys tradux	42.85	40.5	6.649	ground dwelling	herbivore	species	herbivore	herbivore guild
Insectivora	Apatemyidae	Apatemys uintensis	44.75	40.5	3.681334809	arboreal	herbivore	species	herbivore	herbivore guild
Lipotyphla	Geolabididae	Centetodon aztecus	45.45	40.5	2.723974679	scansorial	insectivore	species	insectivore	NA
	Ischyromyidae	Eohaplomys serus	40.75	40.65	6.866	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Mytonomys burkei	40.75	40.65	7.921	ground dwelling	herbivore	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Mytonolagus petersoni	43.05	40.65	5.006	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Epitrioplos uintensis	44.75	40.65	11.184	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Eohaplomys matutinus	40.75	40.75	7.043	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora		Procyonodictis progressus	42.85	40.75	7.880862241	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
	Ischyromyidae	Rapamys fricki	42.85	40.75	6.873404432	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Dichobunidae	Tapochoerus egressus	43.05	40.75	9.052332734	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Ischyromyidae	Microparamys woodi	43.05	40.75	3.448	ground dwelling	herbivore	species	herbivore	herbivore guild
		Tapocyon robustus	43.05	40.75	9.467	scansorial	insectivore	species	insectivore	NA
	Ischyromyidae	Tapomys tapensis	40.9	40.9	7.536	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Yaquius travi	40.9	40.9	7.739	arboreal	insectivore	species	insectivore	NA
Primates	Microsyopidae	Craseops sylvestris	40.9	40.9	6.707	arboreal	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Apatemys downsi	42.85	40.9	4.388753852	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Paromomyidae	Phenacolemur shirrae	42.85	40.9	4.532599493	arboreal	omnivore	species	omnivore	NA
Carnivora	Miacidae	Miacis hookwayi	43.05	40.9	7.2735	arboreal	carnivore	species	carnivore	carnivore guild
Artiodactyla	Protoceratidae	Leptoreodon edwardsi	43.55	40.9	8.621168139	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Leptotomus leptodus	45.15	40.9	7.895620451				NA	NA
	Ischyromyidae	Leptotomus caryophilus	45.45	40.9	6.624	ground dwelling	herbivore	species	herbivore	herbivore guild
Lipotyphla	Geolabididae	Batodonoides powayensis	45.45	41.05	1.153	scansorial	insectivore	species	insectivore	NA
Acreodi	Mesonychidae	Harpagolestes leotensis	41.55	41.15	11.914	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Pentacemylus progressus	41.55	41.15	8.615443786	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Leptotragulus clarki	41.55	41.15	8.149	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Dichobunidae	Bunomeryx elegans	41.65	41.15	7.97	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Agriochoeridae	Diplobunops matthewi	42.05	41.15	10.23499074	scansorial	herbivore	species	herbivore	herbivore guild
Artiodactyla	Dichobunidae	Pentacemylus leotensis	43	41.15	8.794501965	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Leptotragulus medius	43.15	41.15	8.664609092	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Triplopus obliquidens	44.95	41.15	10.45245306	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Triplopus rhinoceros	43.05	41.25	11.063	ground dwelling	browser	species	herbivore	herbivore guild
Cetacea		Pakicetus attocki	52.2	41.25	10.29890232	amphibious	carnivore	species	carnivore	NA
Rodentia	Eomyidae	Metanoiarnys fantasma	41.3	41.3	2.929	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Brontotheriidae	Protitanotherium superbum	41.4	41.4	7.887307993	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Pseudodiplacodon progressum	41.4	41.4	14.20753053				NA	NA
Artiodactyla	Anthracotheriidae	Heptacodon pelliensis	42.3	41.4	11.03928256	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Proiverra longipes	41.55	41.55	8.802636078	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Auxontodon pattersoni	41.55	41.55	8.481	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Rodentia	Eutypomyidae	Janimus rhinophilus	41.55	41.55	4.163808689	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Oromerycidae	Protylopus annectens	41.55	41.55	9.470286515	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla	Camelidae	Poebrodon kayi	41.55	41.55	8.677311946	ground dwelling	browser, browser	species	herbivore	herbivore guild

Artiodactyla	Dichobunidae	Hylomeryx quadricuspis	41.65	41.55	8.374	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Thisbemys medius	41.65	41.55	9.933046355	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla		Talpavus duplus	42.2	41.55	2.749	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Dichobunidae	Mytonomeryx scotti	42.45	41.55	8.263	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Pseudotomus eugenei	43.05	41.55	9.571	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Ourayia hopsoni	43.55	41.55	7.197	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Protoceratidae	Leptotragulus proavus	44.75	41.55	9.099	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Rhinocerotidae	Uintaceras radinskyi	45.15	41.55	12.79377146	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Limnocyon potens	45.15	41.55	10.53235888	ground dwelling	omnivore	species	omnivore	NA
Carnivora	Miacidae	Miocyon scotti	46.85	41.55	9.376	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Protoceratidae	Leptoreodon marshi	46.85	41.55	8.735511267	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Ourayia uintensis	46.85	41.55	7.517	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Oromerycidae	Oromeryx plicatus	47.95	41.55	8.921	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla		Isectolophus annectens	47.95	41.55	10.3238356	ground dwelling	browser	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus uintensis	49.25	41.55	6.806	scansorial	omnivore	species	omnivore	NA
Carnivora		Procyonictis vulpiceps	50.45	41.55	7.483258542	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Artiodactyla	Agriochoeridae	Protoreodon minor	41.65	41.65	8.860273702	scansorial	herbivore	species	herbivore	herbivore guild
Rodentia	Reithroparamyidae	Reithroparamys sciurioides	41.65	41.65	6.185	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Brontotheriidae	Metatelmatherium ultimum	41.65	41.65	14.26221207	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Oxyaenodon dysodus	43	41.65	10.62315494	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Bunomeryx montanus	43	41.65	7.714	ground dwelling	herbivore	species	herbivore	herbivore guild
	Protoptychidae	Protoptychus hatcheri	45.15	41.65	3.513948796	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Triplopus implicatus	46.85	41.65	10.66	ground dwelling	browser	species	herbivore	herbivore guild
Lagomorpha	Leporidae	Mytonolagus wyomingensis	41.8	41.8	4.772	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Poabromylus golzi	41.95	41.8	9.142	ground dwelling	browser	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Anomoemys lewisii	42.05	41.8	4.505348511	ground dwelling	herbivore	species	herbivore	Rodentia
Macroscelidea	Amphilemuridae	Macrocranium robinsoni	42.05	41.8	4.094271983	ground dwelling	insectivore	species	insectivore	NA
Rodentia	Allomyidae	Spurimus selbyi	42.2	41.8	4.814919763	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Nyctitheriidae	Nyctitherium christopherei	42.2	41.8	4.071684419	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Leptomerycidae	Hendryomeryx wilsoni	43.35	41.8	7.926049764	ground dwelling	frugivore	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Colodon woodi	45.25	41.8	10.10510789	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Macrotarsius siegerti	45.25	41.8	7.67	arboreal	insectivore	species	insectivore	NA
	Ischyromyidae	Microparamys dubius	49.25	41.8	2.958	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Telmatherium cultridens	49.25	41.8	12.958	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Paromomyidae	Phenacolemur mcgrewi	50.1	41.8	5.475055686	arboreal	omnivore	species	omnivore	NA
Didelphimorphia	Herpetotheriidae	Peratherium marsupium	53.4	41.8	5.00636486	ground dwelling	omnivore	species	omnivore	NA
Didelphimorphia	Herpetotheriidae	Copedelphys innominata	55.7	41.8	2.637				NA	NA
Artiodactyla	Oromerycidae	Malaquiferus tourteloti	43.15	41.95	8.505402284	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Rapamys wilsoni	42.2	42.05	7.075808864	ground dwelling	herbivore	species	herbivore	herbivore guild
Insectivora	Apatemyidae	Apatemys hendryi	42.45	42.2	2.66	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Microsypidae	Uintasorex parvulus	52.1	42.2	3.593	arboreal	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Apatemys bellus	53.3	42.2	3.258096538	arboreal	herbivore	species	herbivore	herbivore guild
Carnivora	Miacidae	Miocyon magnus	42.3	42.3	10.57821197	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Cimolesta	Cimolestidae	Didelphodus rheos	42.3	42.3	4.95	ground dwelling	carnivore	species	carnivore	carnivore guild
Lagomorpha	Leporidae	Tachylagus gawneae	42.3	42.3	5.137	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Ischyromyidae	Churcharia baroni	42.3	42.3	2.93141388	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Microparamys nimius	42.3	42.3	3.348	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eomyidae	Adjidaumo craigi	42.3	42.3	2.1	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eutypomyidae	Eutypomys acares	42.3	42.3	4.483	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eutypomyidae	Eutypomys obliquidens	42.3	42.3	5.308	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eutypomyidae	Janimus dawsonae	42.3	42.3	2.754	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Eutypomyidae	Microeutypomys tilliei	42.3	42.3	3.024	ground dwelling	herbivore	species	herbivore	Rodentia

Rodentia	Eomyidae	Protadjidaumo pauli	42.3	42.3	2.974	ground dwelling	herbivore	species	herbivore	Rodentia
Rodentia	Cylindrodontidae	Pseudocylindrodon lateriviae	42.3	42.3	4.639	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla		Talpavus conjunctus	42.3	42.3	3.401	scansorial	insectivore	species	insectivore	NA
Primates	Omomyidae	Macrotarsius montanus	42.3	42.3	7.848	arboreal	insectivore	species	insectivore	NA
	Plagiomenidae	Thylacaelurus campester	42.45	42.3	3.534	scansorial	insectivore	species	insectivore	NA
Rodentia	Eomyidae	Metanoiamys lacus	46.75	42.3	2.096	ground dwelling	herbivore	species	herbivore	Rodentia
Cimolesta	Cimolestidae	Didelphodus serus	42.45	42.45	4.884	ground dwelling	carnivore	species	carnivore	carnivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus fastigatus	42.45	42.45	7.054	scansorial	omnivore	species	omnivore	NA
Artiodactyla		Ibarus ignotus	42.85	42.45	7.714231145	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Amynodontidae	Metamynodon mckinneyi	42.7	42.7	13.92685868	amphibious	browser	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Toromeryx marginensis	43.3	42.7	9.348	ground dwelling	browser	species	herbivore	herbivore guild
Acreodi	Mesonychidae	Harpagolestes uintensis	44.95	42.7	11.961	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Tapochoerus mcmillini	42.85	42.85	8.364042012	ground dwelling	grazer, browser	species	herbivore	herbivore guild
		Tapocyon dawsonae	42.85	42.85	8.775512602	scansorial	insectivore	species	insectivore	NA
Acreodi		Simidectes medius	43	42.85	8.58	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Agriochoeridae	Protoreodon parvus	45.15	42.85	9.320577941	scansorial	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Sciuravus powayensis	45.45	42.85	4.501	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pareumys grangeri	45.45	42.85	4.047	ground dwelling	herbivore	species	herbivore	Rodentia
Primates	Microsyopidae	Uintasorex montezumicus	45.45	42.85	2.698	arboreal	omnivore	species	omnivore	NA
Trituberculata		Aethomylos simplicidens	50.45	42.85	3.429	ground dwelling	insectivore	species	insectivore	NA
Artiodactyla	Dichobunidae	Hylomeryx annectens	43	43	8.347	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pareumys troxelli	43	43	4.435	ground dwelling	herbivore	species	herbivore	Rodentia
Primates	Omomyidae	Macrotarsius jepseni	43.3	43	7.396	arboreal	insectivore	species	insectivore	NA
Panameriungulata	Hyopsodontidae	Hyopsodus paulus	52.1	43	6.528	scansorial	omnivore	species	omnivore	NA
Primates	Omomyidae	Omomys lloydi	51.65	43.05	5.542	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Omomys carteri	51.75	43.05	5.923	arboreal	insectivore	species	insectivore	NA
Perissodactyla		Grangeria anarsius	44.95	43.15	10.761				NA	NA
Artiodactyla		Laredochoerus edwardsi	43.3	43.3	8.828	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Laredomyidae	Laredomys riograndensis	43.3	43.3	1.782	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Pauromys simplex	43.3	43.3	2.615	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Eutypomyidae	Microeutypomys karenae	43.3	43.3	2.439	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla	Brontotheriidae	Eotitanotherium osborni	43.3	43.3	13.926	ground dwelling	browser	species	herbivore	herbivore guild
Lipotyphla	Geolabididae	Centetodon pulcher	50.45	43.3	3.402	scansorial	insectivore	species	insectivore	NA
Didelphimorphia	Herpetotheriidae	Peratherium comstocki	54.9	43.3	4.483	ground dwelling	omnivore	species	omnivore	NA
	Sciuravidae	Pauromys texensis	46.85	43.35	2.867	ground dwelling	herbivore	species	herbivore	herbivore guild
		Prolapsus junctionis	46.85	43.35	4.284	ground dwelling	herbivore	species	herbivore	herbivore guild
		Prolapsus sibilatoris	46.85	43.35	5.095	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Protoceratidae	Leptoreodon major	45.65	43.55	9.337304923	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Sinopa major	50.45	43.55	8.865	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Paramys delicatior	50.65	43.55	6.572	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Pauromys lillegraveni	43.75	43.75	2.342	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Microsyopidae	Microsyops kratos	43.75	43.75	8.041	arboreal	omnivore	species	omnivore	NA
Primates	Omomyidae	Stockia powayensis	44.05	43.75	6.242	arboreal	insectivore	species	insectivore	NA
Rodentia	Eomyidae	Metanoiamys agorus	45.45	43.75	2.593	ground dwelling	herbivore	species	herbivore	Rodentia
Primates	Omomyidae	Washakius woodringi	45.45	43.75	5.271	arboreal	insectivore	species	insectivore	NA
		Crypholestes vaughni	45.45	43.75	2.927	ground dwelling	insectivore	species	insectivore	NA
		Patriolestes novaceki	45.45	43.75	5.117	ground dwelling	insectivore	species	insectivore	NA
Perissodactyla	Brontotheriidae	Metarhinus pater	45.85	43.75	12.91363867	ground dwelling	browser	species	herbivore	herbivore guild
	Ischyromyidae	Microparamys minutus	50.65	43.75	3.229	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla		Antiacodon venustus	49.55	43.85	8.038	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Ischyromyidae	Pseudotomus californicus	44.05	44.05	6.914474875	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Reithroparamyidae	Uriscus californicus	44.05	44.05	4.868	ground dwelling	herbivore	species	herbivore	Rodentia

Artiodactyla	Dichobunidae	Mesomeryx grangeri	44.75	44.25	8.01448353	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Chipetaia lamporea	44.5	44.5	7.02	arboreal	insectivore	species	insectivore	NA
		Scenopagus curticens	53.5	44.55	3.292	ground dwelling	insectivore	species	insectivore	NA
Acreodi	Mesonychidae	Harpagolestes brevipes	44.75	44.75	10.67047207	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Oxyaenidae	Apataelurus kayi	44.75	44.75	9.29	ground dwelling	carnivore	species	carnivore	carnivore guild
	Miacidae	Prodaphaenus uintensis	44.75	44.75	8.519564844	arboreal	carnivore	species	carnivore	carnivore guild
	Sciuravidae	Sciuravus altidens	44.75	44.75	4.163808689	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Thisbemys uintensis	44.75	44.75	7.487	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Amynodontidae	Amynodon reedi	44.75	44.75	13.16958199	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Sphenocoelus hyognathus	44.75	44.75	12.94973856	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Sthenodectes incisivum	44.75	44.75	14.23634297	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Achaenodon uintensis	44.95	44.75	12.16002871	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Chalicotheriidae	Eomoropus amarorum	45.15	44.75	10.761	ground dwelling	browser	species	herbivore	herbivore guild
Acreodi	Mesonychidae	Mesonyx obtusidens	51.75	44.75	10.915	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Brontotheriidae	Sthenodectes priscus	44.95	44.95	13.479	ground dwelling	browser	species	herbivore	herbivore guild
		Stylinodon mirus	52.3	44.95	10.776	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Metarhinus parvus	45.15	45.15	12.599	NA	carnivore	genus	carnivore	herbivore guild
Artiodactyla		Achaenodon insolens	45.15	45.15	12.68151635	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Ischyromyidae	Pseudotomus littoralis	45.15	45.15	6.5989818	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Hyracodontidae	Triplopus cubitalis	45.15	45.15	9.991543258	ground dwelling	browser	species	herbivore	herbivore guild
Cimolesta	Pantolestidae	Pantolestes natans	47.7	45.15	9.093625872	amphibious	piscivore, durophage	species	carnivore	carnivore guild
Perissodactyla	Equidae	Orohippus sylvaticus	47.85	45.15	9.195316179	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Notharctidae	Notharctus robustior	48.1	45.15	9.058761379	arboreal	omnivore	species	omnivore	NA
Artiodactyla		Achaenodon robustus	48.25	45.15	12.57330238	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla	Tapiridae	Dilophodon minusculus	49.25	45.15	9.026	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Hemiacodon gracilis	50.45	45.15	7.107	arboreal	insectivore	species	insectivore	NA
Primates	Microsyopidae	Microsyops annectens	51.3	45.15	7.708	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Leptotomus parvus	51.45	45.15	6.843	ground dwelling	herbivore	species	herbivore	herbivore guild
Lipotyphla	Geolabididae	Centetodon bembicophagus	51.9	45.15	2.291612289	scansorial	insectivore	species	insectivore	NA
		Scenopagus priscus	51.9	45.15	2.554314277	ground dwelling	insectivore	species	insectivore	NA
Perissodactyla	Hyrachyidae	Hyrachyus eximius	52.1	45.15	11.7229238	ground dwelling	browser	species	herbivore	herbivore guild
	Viverravidae	Viverravus minutus	52.4	45.15	6.166	ground dwelling	carnivore	species	carnivore	carnivore guild
Perissodactyla	Brontotheriidae	Telmatherium altidens	45.25	45.25	14.44671824				NA	NA
	Ischyromyidae	Thisbemys corrugatus	51.15	45.25	8.134451964	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Reithroparamyidae	Reithroparamys delicatissimus	51.8	45.25	5.934	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Paramys copei	55.65	45.25	6.347	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Ageitodendron matthewi	46.05	46.05	6.836	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Sphacorchysis burntforkensis	46.05	46.05	5.138	arboreal	insectivore	species	insectivore	NA
Perissodactyla	Brontotheriidae	Palaeosyops laticeps	46.3	46.15	12.91363867	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Helohyus milleri	46.3	46.15	9.862325776	amphibious	herbivore, omnivore	species	omnivore	NA
	Metacheiromyidae	Metacheiromys dasypus	46.45	46.15	8.566	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Dichobunidae	Homacodon vagans	47.7	46.15	8.043205138	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Palaeosyops robustus	48.4	46.15	13.10684724	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Telmatherium manteoceras	48.55	46.15	13.08504847	ground dwelling	browser	species	herbivore	herbivore guild
Artiodactyla		Helohyus plicodon	49.05	46.15	9.358223654	amphibious	herbivore, omnivore	species	omnivore	NA
Creodonta	Oxyaenidae	Patriofelis ferox	49.25	46.15	11.082	ground dwelling	carnivore	species	carnivore	carnivore guild
Dinocerata	Uintatheriidae	Uintatherium anceps	49.25	46.15	14.32539751	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla		Isectolophus latidens	49.75	46.15	10.08701808	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Hyrachyidae	Hyrachyus affinis	49.75	46.15	10.94963225				NA	NA
	Sciuravidae	Pauromys schaubi	50.1	46.15	2.268	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Uintanius ameghini	50.45	46.15	5.239	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Dichobunidae	Microsus cuspidatus	50.95	46.15	7.24	ground dwelling	herbivore	species	herbivore	herbivore guild

Perissodactyla	Brontotheriidae	Palaeosyops fontinalis	51.8	46.15	12.20388927	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Washakius insignis	52	46.15	5.581338691	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Trogolemur myodes	52.5	46.15	4.958	arboreal	insectivore	species	insectivore	NA
	Ischorymyidae	Paramys delicatus	54.4	46.15	7.226278366	ground dwelling	herbivore	species	herbivore	herbivore guild
	Viverravidae	Viverravus gracilis	55.1	46.15	6.836	ground dwelling	carnivore	species	carnivore	carnivore guild
	Metacheiromyidae	Metacheiromys marshi	46.45	46.3	8.566	scansorial	insectivore	species	insectivore	NA
Panameriungulata	Hyopsodontidae	Hyopsodus lepidus	50	46.3	6.11	scansorial	omnivore	species	omnivore	NA
Eulipotyphla		Talpavus nitidus	50.45	46.3	2.345	scansorial	insectivore	species	insectivore	NA
Primates		Anaptomorphus aemulus	50.45	46.3	5.813	arboreal	insectivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Limnocyon verus	50.45	46.3	8.853037473	ground dwelling	omnivore	species	omnivore	NA
		Scenopagus edenensis	51.9	46.3	4.019	ground dwelling	insectivore	species	insectivore	NA
Insectivora	Apatemyidae	Apatemys bellulus	53.4875	46.3	3.247	arboreal	herbivore	species	herbivore	herbivore guild
Cimolesta	Cimolestidae	Didelphodus altidens	54.85	46.3	4.983	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischorymyidae	Pseudotomus horribilis	46.45	46.45	8.91	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Mysops minimus	46.45	46.45	3.92	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla	Erinaceidae	Entomolestes grangeri	46.45	46.45	2.276	semifossorial	insectivore, carnivore	species	insectivore	NA
		Vulpavus profectus	47.4	46.45	7.24	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
Rodentia	Cylindrodontidae	Mysops parvus	48.1	46.45	3.923	ground dwelling	herbivore	species	herbivore	Rodentia
	Sciuravidae	Tillomys parvidens	48.75	46.45	1.508	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Esthonychidae	Trogosus castoridens	48.95	46.45	11.693	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Palaeosyops laevidens	49.45	46.45	12.66191543	ground dwelling	browser	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Palaeosyops paludosus	49.45	46.45	12.8144486	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Miacidae	Miacis hargeri	49.45	46.45	7.49				NA	carnivore guild
Primates	Notharctidae	Notharctus pugnax	49.45	46.45	8.641	arboreal	omnivore	species	omnivore	NA
Lipotyphla	Geolabididae	Marsholestes dasypelix	49.55	46.45	2.416	scansorial	insectivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Tritemnodon agilis	50.45	46.45	9.28632568				NA	NA
Primates	Notharctidae	Notharctus tenebrosus	50.45	46.45	8.197	arboreal	omnivore	species	omnivore	NA
Creodonta	Hyaenodontidae	Sinopa rapax	50.65	46.45	7.996	ground dwelling	carnivore	species	carnivore	carnivore guild
		Vulpavus palustris	50.65	46.45	7.452	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Thinocyon velox	50.65	46.45	7.389650841				NA	NA
Perissodactyla	Equidae	Orohippus pumilus	50.75	46.45	10.25340192	ground dwelling	browser	species	herbivore	herbivore guild
	Ischorymyidae	Pseudotomus robustus	51.15	46.45	8.309	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Notharctidae	Smilodectes gracilis	51.3	46.45	7.694	arboreal	omnivore	species	omnivore	NA
Creodonta	Oxyaenidae	Patriofelis ulta	51.45	46.45	10.785	ground dwelling	carnivore	species	carnivore	carnivore guild
		Oodectes herpestoides	51.75	46.45	6.215	scansorial	insectivore	species	insectivore	NA
Eulipotyphla	Nyctitheriidae	Nyctitherium serotinum	51.9	46.45	2.522	scansorial	insectivore	species	insectivore	NA
Primates	Microsyopidae	Microsyops elegans	52	46.45	7.073	arboreal	omnivore	species	omnivore	NA
Carnivora	Miacidae	Miacis parvivorus	52.1	46.45	7.486	arboreal	carnivore	species	carnivore	carnivore guild
Perissodactyla	Hyrachyidae	Hyrachyus modestus	52.2	46.45	11.33739811	ground dwelling	browser	species	herbivore	herbivore guild
	Sciuravidae	Sciuravus nitidus	52.4	46.45	4.866	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Pareumys boskeyi	46.85	46.85	4.275	ground dwelling	herbivore	species	herbivore	Rodentia
Artiodactyla	Achaenodontidae	Parahyus vagus	47.15	47.15	12.166	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus minusculus	52.1	47.4	5.722	scansorial	omnivore	species	omnivore	NA
Acreodi	Mesonychidae	Harpagolestes macrocephalus	47.55	47.55	11.9375	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolesta	Esthonychidae	Tillodon fodiens	47.55	47.55	12.014	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Sciuravus bridgeri	50.65	47.55	3.719	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Xenicohippus craspedotum	53.4875	47.55	9.36	ground dwelling	browser	species	herbivore	herbivore guild
Carnivora	Miacidae	Miacis sylvestris	47.7	47.7	8.358383888				NA	carnivore guild
		Stylinodon inexplicatus	50.65	47.7	10.08685282	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Pantolestidae	Pantolestes longicaudus	51.9	47.7	7.091				NA	NA
	Sciuravidae	Tillomys senex	47.85	47.85	4.44	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Sciuravus popi	48.95	47.95	5.821	ground dwelling	herbivore	species	herbivore	herbivore guild

	Ischyromyidae	Paramys excavatus	56.8	48.1	5.547	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Notharctidae	Smilodectes mcgrewi	51.75	48.25	7.86	arboreal	omnivore	species	omnivore	NA
Creodonta	Oxyaenidae	Machaeroides eothern	48.4	48.4	8.813550324	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Neodiacodexis emryi	48.55	48.55	8.536995819	ground dwelling	grazer, browser	species	herbivore	herbivore guild
	Sciuravidae	Taxymys lucaris	49.55	48.55	3.25920775	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Acritoparamys wyomingensis	50.25	48.55	5.613	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Nyctitheriidae	Nyctitherium velox	51.45	48.55	2.751	scansorial	insectivore	species	insectivore	NA
Leptictida	Leptictidae	Palaeictops bridgeri	51.9	48.75	5.424	ground dwelling	insectivore, carnivore	species	insectivore	NA
		Peradectes chesteri	57.15	48.75	1.764	scansorial	omnivore	species	omnivore	NA
	Ischyromyidae	Quadratomus sundelli	48.95	48.95	8.832	ground dwelling	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus tonksi	50.25	48.95	6.142	scansorial	omnivore	species	omnivore	NA
Carnivora	Miacidae	Miocyon major	50.45	48.95	7.607	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
	Viverravidae	Viverravus sicarius	51.75	48.95	7.383	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Thisbemys perditus	55.65	48.95	6.09	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Tarka stylifera	49.25	49.25	7.475	arboreal	insectivore	species	insectivore	NA
Perissodactyla	Brontotheriidae	Eotitanops borealis	52.25	49.25	11.26981321	ground dwelling	browser	species	herbivore	herbivore guild
Primates		Anaptomorphus westi	50.65	49.55	6.322	arboreal	insectivore	species	insectivore	NA
Rodentia	Reithroparamyidae	Reithroparamys huerfanensis	51.8	49.55	5.821	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Microparamys sambucus	49.75	49.75	3.628	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Pauromys exallos	49.75	49.75	2.926	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Zapodidae	Elymys complexus	49.75	49.75	1.656	ground dwelling	herbivore	species	herbivore	Rodentia
Perissodactyla		Fouchia elyensis	49.75	49.75	7.799	ground dwelling	browser	species	herbivore	herbivore guild
	Epoicotheriidae	Tetrapassalus mckennai	49.75	49.75	1.618	scansorial	insectivore	species	insectivore	NA
Artiodactyla	Diacodexidae	Diacodexis secans	54.3	49.8	7.53	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Quadratomus grossus	49.95	49.95	8.271	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Cylindrodontidae	Mysops fraternus	50.1	50.1	3.068056481	ground dwelling	herbivore	species	herbivore	Rodentia
	Sciuravidae	Knightomys huerfanensis	52.1	50.1	4.683	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Knightomys depressus	54.9	50.1	4.173	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Guanajuatomys hibbardi	50.15	50.15	5.116	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Notharctidae	Notharctus robinsoni	52	50.25	8.479	arboreal	omnivore	species	omnivore	NA
Creodonta	Hyaenodontidae	Proviverroides piercei	50.45	50.45	8.902	ground dwelling	carnivore	species	carnivore	carnivore guild
Primates	Omomyidae	Utahia kayi	50.45	50.45	5.061	arboreal	insectivore	species	insectivore	NA
Perissodactyla	Brontotheriidae	Eotitanops minimus	51.8	50.45	11.06766097	ground dwelling	browser	species	herbivore	herbivore guild
		Armintodelphys dawsoni	52.1	50.45	1.92554344	scansorial	omnivore	species	omnivore	NA
Perissodactyla	Palaeotheriidae	Hyracotherium vasaccense	53.7	50.45	8.805428415	ground dwelling	frugivore, folivore	species	herbivore	herbivore guild
	Ischyromyidae	Quadratomus grandis	51.75	50.65	7.429	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Esthonychidae	Trogosus latidens	51.8	50.65	12.629	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Uintanius rutherfordi	51.9	50.65	5.31	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Trogolemur amplior	52.1	50.65	5.451	arboreal	insectivore	species	insectivore	NA
Dinocerata	Uintatheriidae	Bathyopsis fissidens	52.2	50.65	11.897	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla	Diacodexidae	Diacodexis woltonensis	50.9375	50.9375	7.356534544	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Primates	Omomyidae	Hemiacodon casamissus	50.9375	50.9375	6.436	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Loveina wapitiensis	50.9375	50.9375	5.694	arboreal	insectivore	species	insectivore	NA
Primates	Paromomyidae	Elwynella oreas	51.8	50.9375	5.844	arboreal	omnivore	species	omnivore	NA
		Armintodelphys blacki	51.9	50.9375	2.002	scansorial	omnivore	species	omnivore	NA
Primates	Omomyidae	Artimomys witteri	52	50.9375	5.939	arboreal	insectivore	species	insectivore	NA
Creodonta	Oxyaenidae	Machaeroides simpsoni	52.1	50.9375	8.335794895	ground dwelling	carnivore	species	carnivore	carnivore guild
Phenacodonta	Phenacodontidae	Ectocion superstes	52.1	50.9375	9.148	ground dwelling	herbivore	species	herbivore	herbivore guild
	Epoicotheriidae	Dipassalus oryctes	52.1	50.9375	4.317488114	scansorial	insectivore	species	insectivore	NA
Primates	Omomyidae	Shoshonius cooperi	52.2	50.9375	5.399	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Diacodexidae	Diacodexis minutus	52.3	50.9375	7.008	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Protorohippus venticolus	52.3	50.9375	9.039				NA	NA

Panameriungulata	Hyopsodontidae	Hyopsodus walcottianus	52.3	50.9375	7.99	scansorial	omnivore	species	omnivore	NA
Artiodactyla	Dichobunidae	Bunophorus sinclairi	52.4	50.9375	9.075025613	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Microsyopidae	Microsyops scottianus	52.45	50.9375	7.281	arboreal	omnivore	species	omnivore	NA
Primates	Notharctidae	Notharctus venticolus	52.5	50.9375	8.439	arboreal	omnivore	species	omnivore	NA
Leptictida	Leptictidae	Palaeictops multicuspis	52.8	50.9375	5.491	ground dwelling	insectivore, carnivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Prolimnocyon antiquus	53.4875	50.9375	7.282	scansorial	carnivore	species	carnivore	carnivore guild
Perissodactyla		Heptodon posticus	53.4875	50.9375	10.413	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Notharctidae	Cantius nunienus	53.4875	50.9375	7.492	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Mattimys kalicola	53.65	50.9375	3.448	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Esthonychidae	Esthonyx acutidens	53.7	50.9375	9.195	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Brontotheriidae	Lambdotherium popoagicum	53.7	50.9375	9.726	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Loveina zephyri	53.7	50.9375	5.525	arboreal	insectivore	species	insectivore	NA
Panameriungulata	Hyopsodontidae	Hyopsodus wortmani	53.7	50.9375	6.31	scansorial	omnivore	species	omnivore	NA
Carnivora	Miacidae	Miacis latidens	53.8	50.9375	7.235	arboreal	carnivore	species	carnivore	carnivore guild
Perissodactyla		Heptodon calciculus	53.8	50.9375	9.652	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Absarokius abbotti	53.8	50.9375	6.023	arboreal	insectivore	species	insectivore	NA
		Vulpavus canavus	53.9	50.9375	7.24	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
	Viverravidae	Didymictis altidens	54.3	50.9375	8.519	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolodonta	Neoplagiaulacidae	Ectypodus childei	54.65	50.9375	2.929437913	arboreal	omnivore	species	omnivore	NA
Cimolesta	Pantolestidae	Palaeosinopa veterrima	54.9	50.9375	8.03	amphibious	piscivore, durophage	species	carnivore	carnivore guild
	Ischyromyidae	Acritoparamys francesi	55.25	50.9375	4.86	ground dwelling	herbivore	species	herbivore	herbivore guild
		Vulpavus australis	55.3	50.9375	7.027	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
	Viverravidae	Viverravus lutosus	55.65	50.9375	6.231	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Miacidae	Miacis exiguus	55.7	50.9375	6.884	arboreal	carnivore	species	carnivore	carnivore guild
Macroscelidea	Amphilemuridae	Macrocranion nitens	55.8	50.9375	3.365	ground dwelling	insectivore	species	insectivore	NA
Phenacodonta	Phenacodontidae	Phenacodus intermedius	57.6	50.9375	10.62656204	ground dwelling	herbivore	species	herbivore	herbivore guild
Phenacodonta	Phenacodontidae	Phenacodus vortmani	58.1	50.9375	9.393233047	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Pantolestidae	Palaeosinopa didelphoides	59.4	50.9375	7.049	amphibious	piscivore, durophage	species	carnivore	carnivore guild
	Arctocyonidae	Thryptacodon antiquus	59.8	50.9375	7.946	ground dwelling	omnivore	species	omnivore	NA
Primates	Omomyidae	Aycrossia lovei	51.9	51.15	6.022	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Strigorhysis huerfanensis	51.3	51.3	6.312	arboreal	insectivore	species	insectivore	NA
Cimolesta	Esthonychidae	Trogosus grangeri	51.75	51.3	11.925	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Microsyopidae	Megadelphus lundeliusi	52.1	51.3	7.011	arboreal	omnivore	species	omnivore	NA
Primates	Omomyidae	Artimonius australis	51.45	51.45	6.113725948	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Absarokius metoecus	54.25	51.45	5.957	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Washakius izetti	51.75	51.65	5.435	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Artimonius nocerae	51.95	51.65	4.655486644	arboreal	insectivore	species	insectivore	NA
Primates	Microsyopidae	Microsyops knightensis	52.6	51.65	6.949	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Thisbemys elachistos	51.75	51.75	4.847	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Miacidae	Uintacyon asodes	53.4875	51.75	8.148	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
Cimolesta	Coryphodontidae	Coryphodon armatus	54.45	51.75	13.07	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Tritemnodon strenuus	54.6	51.75	8.697817666	ground dwelling	carnivore	species	carnivore	carnivore guild
	Sciuravidae	Knightomys cuspidatus	51.8	51.8	3.877	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Shoshonius boweni	51.8	51.8	5.619	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Strigorhysis bridgerensis	51.8	51.8	5.769	arboreal	insectivore	species	insectivore	NA
Primates	Microsyopidae	Alveojunctus minutus	51.8	51.8	4.743	arboreal	insectivore, omnivore	species	omnivore	NA
	Sciuravidae	Sciuravus wilsoni	52.2	51.8	4.435	ground dwelling	herbivore	species	herbivore	herbivore guild
Artiodactyla		Hexacodus pelodes	52.9	51.8	7.399035623	ground dwelling	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus powellianus	55.65	51.8	7.321	scansorial	omnivore	species	omnivore	NA
	Sciuravidae	Knightomys senior	52.5	51.9	3.793	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Esthonychidae	Megalesthonyx hopsoni	54	51.9	9.732030921	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Lophiparamys murinus	53.6	52	4.476	ground dwelling	herbivore	species	herbivore	herbivore guild

Leptictida	Leptictidae	Palaeictops bicuspis	55.65	52	6.346560649	ground dwelling	insectivore, carnivore	species	insectivore	NA
Primates	Notharctidae	Cantius frugivorus	55.65	52	7.67	arboreal	omnivore	species	omnivore	NA
Primates	Microsyopidae	Microsyops angustidens	55.7	52	6.693	arboreal	omnivore	species	omnivore	NA
Cimolesta	Cimolestidae	Didelphodus absarokae	55.95	52	5.327	ground dwelling	carnivore	species	carnivore	carnivore guild
Phenacodonta	Phenacodontidae	Meniscotherium chamense	56.05	52	8.503213982	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Malfelis badwaterensis	52.1	52.1	11.68175573	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla		Antiacodon vanvaleni	52.1	52.1	7.649692624	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Perissodactyla		Selenaletes scopaeus	52.1	52.1	8.518	ground dwelling	browser	species	herbivore	herbivore guild
Primates	Omomyidae	Anemorhysis natronensis	52.1	52.1	4.954	arboreal	insectivore	species	insectivore	NA
Primates	Omomyidae	Troglemur fragilis	52.1	52.1	4.816724885	arboreal	insectivore	species	insectivore	NA
	Epoicotheriidae	Tubulodon taylori	52.1	52.1	5.078649596	scansorial	insectivore	species	insectivore	NA
	Epoicotheriidae	Tubulodon woodi	53.4875	52.1	6.717402703	scansorial	insectivore	species	insectivore	NA
Proboscidea	Numidotheriidae	Numidotherium koholense	52.2	52.2	13.23211424	ground dwelling	grazer, browser	species	herbivore	herbivore guild
Carnivora	Miacidae	Miacis latouri	52.2	52.2	5.475344102				NA	carnivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus mentalis	52.85	52.2	6.898				NA	NA
Creodonta	Oxyaenidae	Oxyaena lupina	53.1	52.2	9.790364592	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Gazinocyon vulpeculus	53.4875	52.2	7.573	ground dwelling	carnivore	species	carnivore	carnivore guild
Acreodi	Hapalodectidae	Hapalodectes leptognathus	53.8	52.2	5.415	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Dichobunidae	Bunophorus etsagicus	54.2	52.2	8.978	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Oxyaena forcipata	54.3	52.2	11.057	ground dwelling	carnivore	species	carnivore	carnivore guild
Phenacodonta	Phenacodontidae	Meniscotherium tapiacitum	55.4	52.2	7.354	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Amphilemuridae	Macrocranium junnei	55.6	52.2	3.889742938	ground dwelling	insectivore	species	insectivore	NA
	Viverravidae	Didymictis leptomyus	55.7	52.2	8.134	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Acritoparamys atwateri	55.7	52.2	5.073	ground dwelling	herbivore	species	herbivore	herbivore guild
		Mimoperadectes labrus	56.1	52.2	4.826	scansorial	omnivore	species	omnivore	NA
Primates	Microsyopidae	Niptomomys dorenae	57.25	52.2	4.249	arboreal	omnivore	species	omnivore	NA
Primates	Paromomyidae	Phenacolemur praecox	57.25	52.2	6.230467199	arboreal	omnivore	species	omnivore	NA
	Viverravidae	Viverravus laytoni	57.9	52.2	5.283	ground dwelling	carnivore	species	carnivore	carnivore guild
		Peradectes protinnominatus	59.4	52.2	2.195	scansorial	omnivore	species	omnivore	NA
Artiodactyla	Dichobunidae	Bunophorus macropternus	53.4875	52.25	8.567	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Palaeotheriidae	Hyracotherium index	56.05	52.25	8.329				NA	NA
Primates	Notharctidae	Pelycodus danielsae	52.3	52.3	8.748304912	arboreal	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus minor	53.8	52.3	5.491	scansorial	omnivore	species	omnivore	NA
Panameriungulata	Hyopsodontidae	Hyopsodus lysitensis	55.65	52.3	6.422	scansorial	omnivore	species	omnivore	NA
Primates	Paromomyidae	Simpsonlemur jepseni	55.7	52.3	5.45859143	arboreal	omnivore	species	omnivore	NA
Primates	Notharctidae	Pelycodus jarrovii	57.3	52.3	8.505	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Anemorhysis wortmani	52.8	52.4	5.183	arboreal	insectivore	species	insectivore	NA
	Ischyromyidae	Acritoparamys pattersoni	53.85	52.4	6.072	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Pantolestidae	Palaeosinopa lutreola	55.3	52.4	5.792	amphibious	piscivore, durophage	species	carnivore	carnivore guild
Primates	Microsyopidae	Microsyops latidens	55.65	52.45	6.684	arboreal	omnivore	species	omnivore	NA
Acreodi		Wyolestes dioces	52.5	52.5	6.854	scansorial	carnivore	species	carnivore	carnivore guild
Rodentia	Cylindrodontidae	Dawsonomys woodi	52.5	52.5	4.522	ground dwelling	herbivore	species	herbivore	Rodentia
Primates	Omomyidae	Anemorhysis sublettensis	52.5	52.5	4.714	arboreal	insectivore	species	insectivore	NA
Primates		Chlororhysis knightensis	52.5	52.5	4.682	arboreal	insectivore	species	insectivore	NA
	Epoicotheriidae	Tubulodon pearcei	52.5	52.5	5.992430974	scansorial	insectivore	species	insectivore	NA
Didelphimorphia	Herpetotheriidae	Peratherium edwardi	52.5	52.5	5.132753415	ground dwelling	omnivore	species	omnivore	NA
Creodonta	Oxyaenidae	Ambloctonus major	52.7	52.5	10.2619894	NA	NA	species	NA	NA
Primates	Omomyidae	Loveina minuta	53.4875	52.5	5.206	arboreal	insectivore	species	insectivore	NA
Cimolesta	Coryphodontidae	Coryphodon lobatus	54.2	52.5	13.5949178	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Coryphodontidae	Coryphodon radians	54.7	52.5	13.385	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Jemezium szalai	52.6	52.6	5.672	arboreal	insectivore	species	insectivore	NA
Creodonta	Oxyaenidae	Ambloctonus sinus	53.4875	52.6	11.37772016	NA	NA	species	NA	NA

Perissodactyla	Palaeotheriidae	Hyracotherium pernix	54.6	52.6	9.104979856			NA	NA
Cimolesta	Esthonychidae	Esthonyx bisulcatus	55.65	52.6	8.818	ground dwelling	herbivore	species	herbivore herbivore guild
Perissodactyla		Sifrhippus grangeri	55.7	52.6	8.845	ground dwelling	browser	species	herbivore herbivore guild
Perissodactyla	Equidae	Xenicohippus grangeri	55.65	52.7	8.866	ground dwelling	browser	species	herbivore herbivore guild
Primates	Notharctidae	Cantius abditus	55.65	52.7	8.015	arboreal	omnivore	species	omnivore NA
Artiodactyla	Dichobunidae	Bunophorus robustus	55.7	52.7	8.149	ground dwelling	herbivore	species	herbivore herbivore guild
	Viverravidae	Viverravus acutus	56.8	52.7	5.989	ground dwelling	carnivore	species	carnivore carnivore guild
Artiodactyla	Dichobunidae	Bunophorus pattersoni	58.55	52.7	8.16241514	ground dwelling	herbivore	species	herbivore herbivore guild
Primates	Notharctidae	Copelemur australotutus	52.75	52.75	7.796	arboreal	omnivore	species	omnivore NA
Creodonta	Hyaenodontidae	Prototomus secundarius	55.7	52.75	7.787278609	ground dwelling	carnivore	species	carnivore carnivore guild
	Sciuravidae	Knightomys minor	55.2	52.8	3.539	ground dwelling	herbivore	species	herbivore herbivore guild
Artiodactyla	Diacodexidae	Diacodexis metsiacus	55.65	52.8	7.22	ground dwelling	herbivore	species	herbivore herbivore guild
	Viverravidae	Didymictis protenus	57	52.8	9.076	ground dwelling	carnivore	species	carnivore carnivore guild
		Ectoganus gliriformis	58.1	52.8	10.844	ground dwelling	herbivore	species	herbivore herbivore guild
Insectivora	Apatemyidae	Labidolemur kayi	59	52.8	3.267	arboreal	herbivore	species	herbivore herbivore guild
Phenacodonta	Phenacodontidae	Copecion brachypternus	59.8	52.8	8.396	ground dwelling	herbivore	species	herbivore herbivore guild
	Ischyromyidae	Paramys nini	52.85	52.85	5.408538237	ground dwelling	herbivore	species	herbivore herbivore guild
Perissodactyla	Isectolophidae	Systemodon tapirinus	52.85	52.85	9.659220954	ground dwelling	browser	species	herbivore herbivore guild
Primates	Notharctidae	Cantius angulatus	52.85	52.85	7.096	arboreal	omnivore	species	omnivore NA
	Sciuravidae	Knightomys reginensis	53.65	52.85	2.285	ground dwelling	herbivore	species	herbivore herbivore guild
Primates	Notharctidae	Copelemur tutus	53.65	52.85	8.258	arboreal	omnivore	species	omnivore NA
Artiodactyla	Dichobunidae	Bunophorus grangeri	54.5	52.85	9.106346283	ground dwelling	herbivore	species	herbivore herbivore guild
Artiodactyla		Simpsonodus chacensis	55.65	52.85	7.844	ground dwelling	herbivore	species	herbivore herbivore guild
	Arctocyonidae	Chriacus gallinae	55.7	52.9	7.295	scansorial	omnivore	species	omnivore NA
Perissodactyla		Homogalax protapirinus	55.8	52.9	9.395	ground dwelling	browser	species	herbivore herbivore guild
Primates	Notharctidae	Cantius mckennai	55.95	52.9	7.474	arboreal	omnivore	species	omnivore NA
	Plagiomenidae	Ellesmene eureka	53.05	53.05	6.726	scansorial	insectivore	species	insectivore NA
Primates	Paromomyidae	Phenacolemur fortior	53.05	53.05	6.325167525	arboreal	omnivore	species	omnivore NA
Primates	Omomyidae	Absarokius gazini	53.1	53.05	5.735	arboreal	insectivore	species	insectivore NA
Acreodi	Mesonychidae	Pachyaena gigantea	55.1	53.05	11.31080928	ground dwelling	carnivore	species	carnivore carnivore guild
Acreodi	Mesonychidae	Pachyaena gracilis	55.25	53.05	10.427	ground dwelling	carnivore	species	carnivore carnivore guild
Rodentia	Paramyidae	Franimys amherstensis	56.1	53.05	4.276982106	ground dwelling	herbivore	species	herbivore Rodentia
Primates	Microsyopidae	Arctodontomys wilsoni	56.1	53.05	6.192	arboreal	omnivore	species	omnivore NA
Creodonta	Oxyaenidae	Palaeonictis occidentalis	58.1	53.05	10.53	ground dwelling	carnivore	species	carnivore carnivore guild
Primates	Notharctidae	Copelemur praetutus	53.1	53.1	7.414	arboreal	omnivore	species	omnivore NA
Primates	Omomyidae	Steinius vespertinus	53.25	53.1	5.952	arboreal	insectivore	species	insectivore NA
Acreodi	Mesonychidae	Pachyaena ossifraga	55.45	53.1	11.08214255	ground dwelling	carnivore	species	carnivore carnivore guild
Cimolesta	Pantolestidae	Palaeosinopa incerta	55.7	53.1	6.723	amphibious	piscivore, durophage	species	carnivore carnivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus loomisi	55.7	53.1	5.942	scansorial	omnivore	species	omnivore NA
Macroscelidea	Apheliscidae	Haplomylus speirianus	55.95	53.1	4.897	ground dwelling	insectivore	species	insectivore NA
Leptictida	Leptictidae	Prodiacodon tauricinerei	56.9	53.1	4.817	ground dwelling	insectivore, carnivore	species	insectivore NA
Lipotyphla	Geolabididae	Centetodon neashami	54	53.2	3.97	scansorial	insectivore	species	insectivore NA
Primates	Microsyopidae	Microsyops cardiorestes	54.05	53.2	6.368	arboreal	omnivore	species	omnivore NA
	Metacheiromyidae	Palaeonodon ignavus	55.1	53.2	7.679740173	scansorial	insectivore	species	insectivore NA
Creodonta	Hyaenodontidae	Prolimnocyon atavus	56.8	53.2	7.300905537	scansorial	carnivore	species	carnivore carnivore guild
	Viverravidae	Viverravus politus	57.7	53.2	6.973	ground dwelling	carnivore	species	carnivore carnivore guild
Carnivora	Miacidae	Vassacyon promicrodon	54.9	53.25	8.134	scansorial	carnivore, omnivore	species	carnivore carnivore guild
Perissodactyla	Palaeotheriidae	Hyracotherium aemulor	55.1	53.25	9.286406304				NA NA
Creodonta	Hyaenodontidae	Prototomus robustus	55.8	53.25	8.245129363	ground dwelling	carnivore	species	carnivore carnivore guild
	Arctocyonidae	Anacodon ursidens	59.4	53.25	10.72335831	ground dwelling	omnivore	species	omnivore NA
Primates	Microsyopidae	Niptomomys thelmae	53.4875	53.3	4.543	arboreal	omnivore	species	omnivore NA
Perissodactyla		Cardiophus semihians	54.2	53.3	9.395	ground dwelling	browser	species	herbivore herbivore guild

	Epoicotheriidae	Tubulodon atopum	54.2	53.3	5.233	scansorial	insectivore	species	insectivore	NA
Perissodactyla	Palaeotheriidae	Hyracotherium cristatum	54.4	53.3	9.737534982				NA	NA
Macroscelidea	Apheliscidae	Apheliscus insidiosus	55.1	53.3	4.304681012	ground dwelling	insectivore	species	insectivore	NA
	Ischyromyidae	Paramys taurus	55.7	53.3	5.633	ground dwelling	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus simplex	55.7	53.3	6.226	scansorial	omnivore	species	omnivore	NA
Creodonta	Oxyaenidae	Oxyaena intermedia	55.8	53.3	10.582	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Miacidae	Uintacyon rudis	57.25	53.3	7.103	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
Primates	Omomyidae	Teilhardina demissa	53.4	53.4	5.138	arboreal	insectivore	species	insectivore	NA
Carnivora	Miacidae	Miacis petilus	54.3	53.4	6.934	arboreal	carnivore	species	carnivore	carnivore guild
		Ectoganus gliriformes	55.2	53.4	11.23903449	ground dwelling	herbivore	genus	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Hyopsodus pauxillus	55.2	53.4	5.207	scansorial	omnivore	species	omnivore	NA
Primates	Omomyidae	Arapahovius advena	53.45	53.45	5.165	arboreal	insectivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Tritemnodon hians	53.4875	53.4875	9.422178201	ground dwelling	carnivore	species	carnivore	carnivore guild
Dinocerata	Prodinoceratidae	Probathyopsis lysisensis	53.4875	53.4875	10.487	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Paramyidae	Franimys ambos	53.4875	53.4875	4.304681012	ground dwelling	herbivore	species	herbivore	Rodentia
Eulipotyphla		Talpavus sullivani	53.4875	53.4875	1.933445645	scansorial	insectivore	species	insectivore	NA
		Oodectes jepseni	53.4875	53.4875	6.180815	scansorial	insectivore	species	insectivore	NA
Primates	Omomyidae	Anemorhysis pattersoni	53.5	53.4875	5.295	arboreal	insectivore	species	insectivore	NA
Artiodactyla	Diacodexidae	Diacodexis kellyi	53.7	53.4875	7.324	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Paromomyidae	Simpsonlemur citatus	53.9	53.4875	6.006501352	arboreal	omnivore	species	omnivore	NA
Carnivora	Miacidae	Uintacyon massetericus	55.4	53.4875	7.57	arboreal	carnivore, omnivore	species	carnivore	carnivore guild
	Ischyromyidae	Lophiparamys debequensis	55.65	53.4875	3.236	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Notharctidae	Cantius ralstoni	55.8	53.4875	7.219	arboreal	omnivore	species	omnivore	NA
Eulipotyphla	Nyctitheriidae	Leptacodon catulus	53.5	53.5	1.982	scansorial	insectivore	species	insectivore	NA
Primates	Picromomyidae	Picromomys petersonorum	53.5	53.5	3.29	arboreal	insectivore, omnivore	species	omnivore	NA
Lipotyphla	Geolabididae	Batodonoides vanhouteni	53.6	53.5	0.262364264	scansorial	insectivore	species	insectivore	NA
Perissodactyla		Homogalax aureus	53.6	53.6	9.325	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Prototomus phobos	55.3	53.6	7.348117924	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolodonta	Neoplagiulacidae	Parectypodus lunatus	55.7	53.6	3.204102255	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Apatosciuravus jacobsi	53.65	53.65	3.189	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Mytonomys wortmani	53.7	53.7	6.708	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Notoparamys costilloi	53.7	53.7	6.911	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla	Equidae	Xenicohippus osborni	53.7	53.7	10.32406232	ground dwelling	browser	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Galecyon mordax	55.8	53.7	7.597	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Prototomus martis	55.65	53.8	7.861166093	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolesta	Coryphodontidae	Coryphodon eoceanus	55.8	53.8	12.881	ground dwelling	herbivore	species	herbivore	herbivore guild
Rodentia	Reithroparamyidae	Reithroparamys debequensis	53.85	53.85	5.419	ground dwelling	herbivore	species	herbivore	Rodentia
	Ischyromyidae	Microparamys cheradius	57.25	53.9	3.719	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiulacidae	Parectypodus simpsoni	54.8	54	3.681834809				NA	NA
Primates	Omomyidae	Teilhardina crassidens	55	54	5.223	arboreal	insectivore	species	insectivore	NA
Dermoptera		Plagiomene multicuspis	55.8	54	6.473	arboreal	folivore	species	herbivore	herbivore guild
Phenacodonta	Phenacodontidae	Phenacodus trilobatus	55.8	54	10.739	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Leipsanolestes siegfriedti	57.6	54	3.249	semifossorial	insectivore, carnivore	species	insectivore	NA
Primates	Omomyidae	Teilhardina americana	55.4	54.05	5.289	arboreal	insectivore	species	insectivore	NA
Primates	Paromomyidae	Ignacius graybullianus	57.15	54.1	5.023880521	arboreal	omnivore	species	omnivore	NA
	Omomyidae	Pseudotettonius ambiguus	54.65	54.2	5.8	arboreal	insectivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Arfia opisthotoma	55.1	54.2	8.728493043	ground dwelling	carnivore	species	carnivore	carnivore guild
Primates	Omomyidae	Tettonius matthewi	55.7	54.2	5.904	arboreal	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Haplomylus scottianus	55.8	54.2	5.193	ground dwelling	insectivore	species	insectivore	NA
Primates	Paromomyidae	Phenacolemur simonsi	57.2	54.2	5.18693231	arboreal	omnivore	species	omnivore	NA
Phenacodonta	Phenacodontidae	Ectocion osbornianus	58.1	54.2	8.453577661	ground dwelling	herbivore	species	herbivore	herbivore guild
Perissodactyla		Cardiopholus radinskyi	55.7	54.25	9.349233047	ground dwelling	browser	species	herbivore	herbivore guild

Creodonta	Oxyaenidae	Oxyaena gulo	55.2	54.3	10.181	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolesta	Esthonychidae	Esthonyx spatularius	55.8	54.3	8.654	ground dwelling	herbivore	species	herbivore	herbivore guild
	Sciuravidae	Knightomys cremneus	54.4	54.4	3.297	ground dwelling	herbivore	species	herbivore	herbivore guild
Carnivora	Miacidae	Gracilocyon winkleri	55.5	54.4	6.173	scansorial	insectivore	species	insectivore	carnivore guild
	Viverravidae	Viverravus rosei	57.25	54.4	4.667	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Pyrocyon dioctetus	54.45	54.45	7.870235848	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Notoparamys arctios	54.5	54.5	5.919	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Teilhardina tenuicula	54.6	54.6	4.919	arboreal	insectivore	species	insectivore	NA
Primates	Microsyopidae	Arctodontomys nuptus	54.7	54.6	6.804	arboreal	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Labidolemur serus	54.8	54.6	3.869	arboreal	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Dartionius jepseni	54.85	54.6	2.353	semifossorial	insectivore, carnivore	species	insectivore	NA
Creodonta	Hyaenodontidae	Prototomus deimos	55.5	54.65	6.227	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Diacodexidae	Diacodexis primus	55.8	54.65	7.186	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Prolimnocyon haematus	55.95	54.65	6.377	scansorial	carnivore	species	carnivore	carnivore guild
Creodonta	Oxyaenidae	Dipsalidictis transiens	56.8	54.65	9.656	ground dwelling	carnivore	species	carnivore	carnivore guild
	Ischyromyidae	Paramys pycnus	55.2	54.7	4.016673355	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Apheliscus wapitiensis	55.3	54.7	3.583270701	ground dwelling	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Apheliscus chydaeus	55.45	54.7	4.203	ground dwelling	insectivore	species	insectivore	NA
Cimolodonta	Neoplagiulacidae	Ectypodus tardus	59	54.7	2.583953325	arboreal	omnivore	species	omnivore	NA
Creodonta	Hyaenodontidae	Acarictis ryanii	55.6	54.8	5.737	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Arfia shoshoniensis	56.1	54.8	8.396669906	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolodonta		Neoliotomus ultimus	56.1	54.8	7.336120832	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Apatosciuravus bifax	54.85	54.85	3.489	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Omomyidae	Tetonius mckennai	54.85	54.85	5.391	arboreal	insectivore	species	insectivore	NA
Lipotyphla	Geolabididae	Centetodon patratius	54.9	54.85	3.226	scansorial	insectivore	species	insectivore	NA
Acreodi		Wyolestes apheles	55.3	54.9	7.136	scansorial	carnivore	species	carnivore	carnivore guild
Creodonta	Hyaenodontidae	Arfia zelee	55.5	54.9	7.713	ground dwelling	carnivore	species	carnivore	carnivore guild
Carnivora	Miacidae	Miacis deutschii	55.6	54.9	6.494	arboreal	carnivore	species	carnivore	carnivore guild
Eulipotyphla	Nyctitheriidae	Plagioctenodon savagei	55.6	54.9	3.388838433	scansorial	insectivore	species	insectivore	NA
Cimolesta		Azygonyx grangeri	56.15	54.9	9.530826667	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Micromomyidae	Tinimomys graybulliensis	56.75	54.9	3.747	arboreal	omnivore	species	omnivore	NA
Eulipotyphla		Talpavoides dartoni	59.1	54.9	1.994	scansorial	insectivore	species	insectivore	NA
	Palaeoryctidae	Eoryctes melanus	55	55	4.003	scansorial	insectivore	species	insectivore	NA
Primates	Micromomyidae	Micromomys antelucanus	55.4	55.05	3.42	arboreal	omnivore	species	omnivore	NA
	Ischyromyidae	Paramys atavus	57.6	55.1	3.73				NA	NA
Acreodi	Mesonychidae	Dissacus praenuntius	58.3	55.1	9.477	ground dwelling	carnivore	species	carnivore	carnivore guild
Insectivora	Apatemyidae	Apatemys chardini	55.2	55.2	2.843	arboreal	herbivore	species	herbivore	herbivore guild
		Scenopagus hewettensis	55.25	55.2	3.459	ground dwelling	insectivore	species	insectivore	NA
Eulipotyphla	Nyctitheriidae	Plagioctenoides microlestes	55.25	55.25	1.791759469	scansorial	insectivore	species	insectivore	NA
Acreodi	Haplodectidae	Haplodectes anthracinus	55.4	55.25	5.123	ground dwelling	carnivore	species	carnivore	carnivore guild
Macroscelidea	Apheliscidae	Haplomylus bozemanensis	55.8	55.25	4.903	ground dwelling	insectivore	species	insectivore	NA
Eulipotyphla	Nyctitheriidae	Plagioctenodon krausae	57.15	55.25	1.485	scansorial	insectivore	species	insectivore	NA
Dermoptera		Plagiomene accola	57.15	55.4	5.999	arboreal	folivore	species	herbivore	herbivore guild
Creodonta	Hyaenodontidae	Arfia junnei	55.6	55.45	7.083	ground dwelling	carnivore	species	carnivore	carnivore guild
Phenacodonta	Phenacodontidae	Copecion davisii	55.6	55.45	7.666	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Dipsalidictis platypus	56.8	55.45	8.757	ground dwelling	carnivore	species	carnivore	carnivore guild
Artiodactyla	Diacodexidae	Diacodexis ilicis	55.5	55.5	7.058467111	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Esthonychidae	Esthonyx gunnelli	55.5	55.5	9.508	ground dwelling	herbivore	species	herbivore	herbivore guild
		Ectoganus bighornensis	55.5	55.5	10.686	ground dwelling	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Chriacus badgleyi	55.6	55.5	7.093	scansorial	omnivore	species	omnivore	NA
Primates	Notharctidae	Cantius torresi	55.8	55.5	6.935	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Princetonius yalensis	57.7	55.5	6.797503913	ground dwelling	omnivore	species	omnivore	NA

Phenacodonta	Phenacodontidae	Ectocion parvus	58.1	55.5	7.587	ground dwelling	herbivore	species	herbivore	herbivore guild
	Viverravidae	Didymictis proteus	61.9	55.5	8.46073105	ground dwelling	carnivore	species	carnivore	carnivore guild
	Arctocyonidae	Thryptacodon barae	55.6	55.6	7.397	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla		Diacodon alticuspis	57.3	55.65	5.208	scansorial	insectivore	species	insectivore	NA
Cimolesta	Barylambydidae	Barylambda faberi	58.1	55.65	13.118	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Aletodon gunnelli	57.85	55.7	7.084	ground dwelling	insectivore	species	insectivore	NA
		Peradectes elegans	60.35	55.7	2.584	scansorial	omnivore	species	omnivore	NA
Eulipotyphla	Parapternodontidae	Koniaryctes paulus	55.8	55.8	1.992	scansorial	insectivore	species	insectivore	NA
Primates	Micromomyidae	Tinimomys loomisi	55.8	55.8	3.726	arboreal	omnivore	species	omnivore	NA
Macroscelidea	Apheliscidae	Haplomylus simpsoni	58.1	55.8	5.364	ground dwelling	insectivore	species	insectivore	NA
Primates	Plesiadapidae	Plesiadapis cookei	57.35	55.95	8.39	arboreal	herbivore	species	herbivore	herbivore guild
	Palaeoryctidae	Palaeoryctes punctatus	60.4	55.95	3.870168745	scansorial	insectivore	species	insectivore	NA
Acreodi		Wyolestes iglesius	56.05	56.05	7.011	scansorial	carnivore	species	carnivore	carnivore guild
Artiodactyla	Diacodexidae	Diacodexis gracilis	56.05	56.05	6.941	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Barylambydidae	Barylambda jackwilsoni	59.7	56.05	11.87	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Palaeonictis peloria	56.1	56.1	10.59286076	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolesta	Coryphodontidae	Coryphodon proterus	56.1	56.1	13.609	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Titanoideidae	Titanoides nanus	56.1	56.1	11.69	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Nyctitheriidae	Limaconysus habrus	56.1	56.1	2.918	scansorial	insectivore	species	insectivore	NA
Eulipotyphla	Nyctitheriidae	Ceutholestes dolosus	56.3	56.1	3.66	scansorial	insectivore	species	insectivore	NA
Cimolesta		Azygonyx ancylion	56.9	56.1	8.563788	ground dwelling	herbivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Dipsalidictis aequidens	57	56.1	10.03	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Oxyaenidae	Dipsalodon matthewi	57	56.1	10.638	ground dwelling	carnivore	species	carnivore	carnivore guild
Creodonta	Oxyaenidae	Dipsalidictis krausei	57.05	56.1	9.522	ground dwelling	carnivore	species	carnivore	carnivore guild
Dinocerata	Prodinoceratidae	Probathyopsis praecursor	57.05	56.1	10.51	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Microcosmodontidae	Microcosmodon rosei	57.15	56.1	3.417253781	arboreal	herbivore	species	herbivore	herbivore guild
Dermoptera		Worlandia inusitata	57.15	56.1	3.974	arboreal	folivore	species	herbivore	herbivore guild
Primates	Carpolestidae	Carpolestes simpsoni	57.15	56.1	4.824	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Microsypidae	Arctodontomys simplicidens	57.2	56.1	6.5	arboreal	omnivore	species	omnivore	NA
Eulipotyphla	Nyctitheriidae	Wyonycteris chalice	57.25	56.1	1.825	scansorial	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Apheliscus nitidus	57.35	56.1	4.762	ground dwelling	insectivore	species	insectivore	NA
	Arctostylopidae	Arctostylops steini	57.7	56.1	5.618	scansorial	herbivore	species	herbivore	herbivore guild
Dinocerata	Prodinoceratidae	Probathyopsis harrisorum	58.1	56.1	11.036	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis dubius	58.1	56.1	6.589	arboreal	herbivore	species	herbivore	herbivore guild
Eulipotyphla		Diaconchus minutus	59.1	56.1	3.157	scansorial	insectivore	species	insectivore	NA
Primates	Paromomyidae	Dillerlemur pagei	59.4	56.1	5.913	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Ectypodus powelli	60.55	56.1	3.157937912	arboreal	omnivore	species	omnivore	NA
Primates	Plesiadapidae	Plesiadapis gingerichi	57.25	56.5665	7.998	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Carpolestidae	Carpolestes nigridens	57.6	56.5665	4.465908119	arboreal	herbivore	species	herbivore	herbivore guild
		Ectoganus copei	56.8	56.8	10.50232405	ground dwelling	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Anacodon nexus	57.35	56.8	9.676	ground dwelling	omnivore	species	omnivore	NA
Dermoptera		Planetetherium mirabile	57.6	56.8	4.978	arboreal	folivore	species	herbivore	herbivore guild
Creodonta	Oxyaenidae	Dipsalodon churchillorum	57.65	56.8	10.19	ground dwelling	carnivore	species	carnivore	carnivore guild
Primates	Plesiadapidae	Chiromyoides potior	59.6	56.9	6.424	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Prochetodon taxus	57.15	57.15	5.126317647	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Thryptacodon pseudarctos	57.6	57.15	8.71	ground dwelling	omnivore	species	omnivore	NA
Cimolodonta		Neoliotomus conventus	58.1	57.15	6.906600275	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Parectypodus laytoni	59.55	57.15	2.384947636				NA	NA
	Alagomyidae	Alagomys russelli	57.2	57.2	1.618	ground dwelling	herbivore	species	herbivore	herbivore guild
	Ischyromyidae	Paramys adamus	57.2	57.2	3.581	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Aletodon conardae	58.9	57.2	7.011	ground dwelling	insectivore	species	insectivore	NA
Cimolodonta	Microcosmodontidae	Microcosmodon conus	59	57.2	3.287094817	arboreal	herbivore	species	herbivore	herbivore guild

Cimolodonta	Kogaionidae	Hainina vianeyae	57.25	57.25	4.317488114	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabididae	Lambdopsalis bulla	57.25	57.25	6.65415252	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabididae	Prionessus lucifer	57.25	57.25	5.910796644	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabididae	Sphenopsalis nobilis	57.25	57.25	9.210340372	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Mesodmops tenuis	57.25	57.25	3.295836866	arboreal	omnivore	species	omnivore	NA
Phenacodonta	Phenacodontidae	Ectocion mediotuber	59.1	57.35	8.187	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Haplomylus palustris	57.6	57.6	4.688	ground dwelling	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Phenacodaptes sabulosus	59.1	57.6	5.168	ground dwelling	insectivore	species	insectivore	NA
Primates	Carpolestidae	Carpolestes dubius	57.7	57.65	5.246755465	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis fodinatus	58.9	57.65	6.911	arboreal	herbivore	species	herbivore	herbivore guild
Phenacodonta	Phenacodontidae	Phenacodus magnus	59	57.65	11.104	ground dwelling	herbivore	species	herbivore	herbivore guild
Acreodi	Mesonychidae	Dissacus argenteus	57.7	57.7	8.97	ground dwelling	carnivore	species	carnivore	herbivore guild
Cimolodonta	Microcosmodontidae	Pentacosmodon pronus	57.7	57.7	4.007333185	arboreal	herbivore	species	herbivore	herbivore guild
	Metacheiromyidae	Propalaeonodon schaffi	57.7	57.7	3.123631689	scansorial	insectivore	species	insectivore	NA
Cimolodonta	Neoplagiaulacidae	Mimetodon churchilli	57.7	57.7	4.50795406	arboreal	omnivore	species	omnivore	NA
Primates	Micromomyidae	Micromomys silvercouleei	57.7	57.7	2.692707424	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Ptilodontidae	Prochetodon cavus	57.8	57.7	4.821966064	arboreal	omnivore	species	omnivore	NA
	Palaeoryctidae	Aaptoryctes ivyi	58.2	57.7	4.835	scansorial	insectivore	species	insectivore	NA
Eulipotyphla	Erinaceidae	Litolestes ignotus	59.2	57.7	3.007	semifossorial	insectivore, carnivore	species	insectivore	NA
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax hazeni	59.2	57.7	4.50795406				NA	NA
Eulipotyphla	Nyctitheriidae	Leptacodon packi	60.4	57.7	2.696	scansorial	insectivore	species	insectivore	NA
Leptictida	Leptictidae	Prodiacodon concordiacensis	60.95	57.7	4.109	ground dwelling	insectivore, carnivore	species	insectivore	NA
Cimolesta	Barylambdidae	Barylambda churchilli	57.8	57.8	12.718	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis churchilli	61.9	57.8	7.03	arboreal	herbivore	species	herbivore	herbivore guild
Phenacodonta	Phenacodontidae	Ectocion major	58.1	57.85	9.428	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolesta	Titanoideidae	Titanoides primaevus	58.7	57.85	12.846	ground dwelling	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Thryptacodon australis	59.9	57.85	7.958	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Lambertocyon ischyus	61.8	57.85	7.606				NA	NA
Eulipotyphla	Erinaceidae	Oncocherus krishtalkai	58	57.9	2.330755218	semifossorial	insectivore, carnivore	species	insectivore	NA
Primates	Carpolestidae	Carpocristes cygneus	58.2165	57.9	4.384				NA	NA
Eulipotyphla		Diacocherus meizon	58.35	57.9	2.955	scansorial	insectivore	species	insectivore	NA
Primates	Paromomyidae	Ignacius frugivorus	60.5	57.9	5.322	arboreal	omnivore	species	omnivore	NA
Macroscelidea		Litocherus lacunatus	60.7	57.9	4.334	ground dwelling	insectivore	species	insectivore	NA
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax hunteri	60.7165	57.9	3.817	arboreal	omnivore	species	omnivore	NA
Eulipotyphla	Nyctitheriidae	Leptacodon tener	60.95	57.9	2.21	scansorial	insectivore	species	insectivore	NA
Cimolodonta	Ptilodontidae	Ptilodus kummae	61.9	57.9	4.745240183	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Prochetodon foxi	61.9	57.9	5.197586908	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Mesodma pygmaea	64.25	57.9	2.143	arboreal	omnivore	species	omnivore	NA
Primates	Micromomyidae	Micromomys vossae	58	58	3.359528276	arboreal	omnivore	species	omnivore	NA
Cimolesta	Cyriacotheriidae	Cyriacotherium argyreum	58.25	58	8.34025345	ground dwelling	herbivore	species	herbivore	herbivore guild
		Raphictis gausion	58.8	58	5.561	ground dwelling	carnivore	species	carnivore	carnivore guild
Phenacodonta	Phenacodontidae	Ectocion collinus	60.4	58	8.485583241	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Mimetodon silberlingi	60.9	58	3.233147915	arboreal	omnivore	species	omnivore	NA
Primates	Carpolestidae	Carpodaptes stonleyi	61.9	58	5.342428733	arboreal	herbivore	species	herbivore	herbivore guild
Cimolesta	Titanoideidae	Titanoides looki	58.1	58.1	12.063	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Chiromyoides caesor	59.5	58.1	6.02	arboreal	herbivore	species	herbivore	herbivore guild
Phenacodonta	Phenacodontidae	Phenacodus grangeri	60	58.1	10.427	ground dwelling	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Thryptacodon demari	60.35	58.1	7.706	ground dwelling	omnivore	species	omnivore	NA
Cimolesta	Pantolestidae	Bessoecetor septentrionalis	60.95	58.1	4.602823448	amphibious	piscivore, durophage	species	carnivore	carnivore guild
	Arctocyonidae	Lambertocyon eximius	61.9	58.1	8.46	ground dwelling	omnivore	species	omnivore	NA
Acreodi	Mesonychidae	Dissacus navajovius	63.7	58.1	8.33	ground dwelling	carnivore	species	carnivore	carnivore guild
		Paleotomus radagasti	58.3	58.2	6.065777431	scansorial	insectivore	species	insectivore	NA

Macroscelidea	Apheliscidae	Dorraletes diminutivus	59.4	58.2	3.943	ground dwelling	insectivore	species	insectivore	NA
Cimolodonta	Ptilodontidae	Ptilodus fractus	59.8	58.2	4.542980175	arboreal	herbivore	species	herbivore	herbivore guild
Macroscelidea		Litocherus zygeus	59.2	58.2165	4.034	ground dwelling	insectivore	species	insectivore	NA
Cimolesta	Titanoideidae	Titanoides gidleyi	59.7	58.2165	12.38	ground dwelling	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis rex	59.8	58.2165	6.862	arboreal	herbivore	species	herbivore	herbivore guild
Macroscelidea		Litocherus notissimus	59.9	58.2165	3.62	ground dwelling	insectivore	species	insectivore	NA
Dermoptera		Elpidophorus elegans	60.4	58.2165	6.317	arboreal	folivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis anceps	60.4	58.2165	6.716	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Carpolestidae	Carpodaptes hazelae	60.5	58.2165	5.289	arboreal	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Colpoclaenus keeferi	60.5	58.2165	10.77292772	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Arctocyon ferox	61.7	58.2165	10.98829553	ground dwelling	omnivore	species	omnivore	NA
Phenacodonta	Phenacodontidae	Ectocion cedrus	61.9	58.2165	7.811	ground dwelling	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Cedrocherus ryani	58.3	58.3	3.62	semifossorial	insectivore, carnivore	species	insectivore	NA
Creodonta	Oxyaenidae	Tytthaena parrisi	58.35	58.3	8.013	ground dwelling	carnivore	species	carnivore	carnivore guild
	Viverravidae	Protictis agastor	58.35	58.3	7.721	ground dwelling	carnivore	species	carnivore	carnivore guild
Macroscelidea	Apheliscidae	Utemylus serior	58.4	58.3	5.934107048	ground dwelling	insectivore	species	insectivore	NA
Cimolesta	Pentacodontidae	Bisonalveus holtzmani	58.7	58.3	5.477	scansorial	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Aletodon quadravus	58.7	58.3	6.492	ground dwelling	insectivore	species	insectivore	NA
	Viverravidae	Protictis paralus	58.7835	58.3	6.08	ground dwelling	carnivore	species	carnivore	carnivore guild
	Arctocyonidae	Chriacus oconostotae	58.7835	58.3	8.635529488	scansorial	omnivore	species	omnivore	NA
Cimolesta	Pantolambdidae	Caenolambda jepseni	59.15	58.3	11.28560714	ground dwelling	herbivore	species	herbivore	herbivore guild
Insectivora	Apatemyidae	Labidolemur soricoides	59.5	58.3	2.861	arboreal	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Mentoclaenodon acrogenius	59.85	58.3	10.531	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Mimotricentes fremontensis	60.35	58.3	7.891	ground dwelling	omnivore	species	omnivore	NA
Eulipotyphla	Nyctitheriidae	Leptacodon munusculum	60.9	58.3	2.08	scansorial	insectivore	species	insectivore	NA
Primates	Picrodontidae	Picrodus silberlingi	64.25	58.3	5.28	arboreal	herbivore	species	herbivore	herbivore guild
Eulipotyphla	Erinaceidae	Cedrocherus aceratus	58.35	58.35	1.708359943	semifossorial	insectivore, carnivore	species	insectivore	NA
	Palaeoryctidae	Palaeoryctes cruoris	58.35	58.35	4.122	scansorial	insectivore	species	insectivore	NA
	Arctocyonidae	Lambertocyon gingerichi	58.35	58.35	10.10677337	ground dwelling	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Unuchinia dysmathes	58.7	58.35	5.531156123	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Chiromyoides minor	59.7	58.35	5.566	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Ptilodus wyomingensis	60.9	58.65	4.990432587	arboreal	herbivore	species	herbivore	herbivore guild
		Paleotomus senior	60.4	58.7	7.296578017	scansorial	insectivore	species	insectivore	NA
	Palaeoryctidae	Pararyctes pattersoni	60.4	58.7	2.887	ground dwelling	insectivore	species	insectivore	NA
Cimolodonta	Ptilodontidae	Ptilodus montanus	61.75	58.7	5.784972737	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Microcosmodontidae	Allocosmodon woodi	58.7835	58.7835	3.828641396	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax paskapooensis	58.7835	58.7835	3.871201011	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax serrator	58.7835	58.7835	3.583518938	arboreal	omnivore	species	omnivore	NA
Primates	Micromomyidae	Micromomys fremdi	58.7835	58.7835	3.485	arboreal	omnivore	species	omnivore	NA
Primates	Saxonellidae	Saxonella naylori	58.8	58.7835	4.869	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Nannodectes simpsoni	59.4	58.7835	6.464	arboreal	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Haplaletes pelicatus	59.85	58.7835	5.339	ground dwelling	insectivore	species	insectivore	NA
Primates	Palaechthonidae	Torrejonia sirokyi	60.55	58.7835	6.958	arboreal	insectivore, omnivore	species	omnivore	NA
Cimolesta	Cimolestidae	Gelastops parvus	60.9	58.7835	4.964	scansorial	insectivore	species	insectivore	NA
Panameriungulata	Hyopsodontidae	Promioclaenus acolytus	61.6	58.7835	5.971	scansorial	omnivore	species	omnivore	NA
	Arctocyonidae	Mimotricentes subtrigonus	61.75	58.7835	7.606				NA	NA
		Bryanictis microlestes	60.9	58.85	6.266	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax mckennai	61.9	58.85	4.107436932	arboreal	omnivore	species	omnivore	NA
Primates	Plesiadapidae	Nannodectes gidleyi	59.6	58.9	6.659	arboreal	herbivore	species	herbivore	herbivore guild
	Viverravidae	Protictis haydenianus	61.75	58.9	7.833	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolesta	Pentacodontidae	Aphronorus fraudator	60.8	59	5.169	scansorial	insectivore	species	insectivore	NA
	Arctocyonidae	Chriacus pelvidens	61.5	59	8.531	scansorial	omnivore	species	omnivore	NA

	Arctocyonidae	Chriacus baldwini	61.8	59.1	7.354	scansorial	omnivore	species	omnivore	NA
Cimolesta	Pentacodontidae	Aphronorus orieli	60.55	59.25	6.288	scansorial	insectivore	species	insectivore	NA
Acreodi	Triisodontidae	Goniacodon levisanus	61.5	59.25	7.692740528	scansorial	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Parectypodus sinclairi	61.75	59.35	2.763219489	arboreal	omnivore	species	omnivore	NA
Cimolesta	Pantolambdidae	Caenolambda pattersoni	59.85	59.4	11.9733541	ground dwelling	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Promioclaenus pipiringosi	59.85	59.4	6.624	scansorial	omnivore	species	omnivore	NA
Phenacodonta	Phenacodontidae	Phenacodus bisonensis	60.35	59.4	9.64455795	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea	Apheliscidae	Litomylus dissentaneus	61.35	59.4	5.285	ground dwelling	insectivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Litomylus scaphicus	61.7	59.4	5.629620522	ground dwelling	insectivore	species	insectivore	NA
Primates	Carpolestidae	Carpodaptes aulacodon	59.5	59.5	4.682	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Microsypidae	Navajovius kohlhaasae	59.7	59.5	4.134	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Ectypodus musculus	60	59.5	3.517458956	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Colpoclaenus procyonoides	61.2	59.55	8.843	ground dwelling	omnivore	species	omnivore	NA
Macroscelidea	Apheliscidae	Haplaletes disceptatrix	61.6	59.55	4.873	ground dwelling	insectivore	species	insectivore	NA
Phenacodonta	Phenacodontidae	Phenacodus matthewi	60.5	59.6	8.603	ground dwelling	herbivore	species	herbivore	herbivore guild
		Psittacotherium multifragum	61.5	59.6	11.52951418	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Ptilodus mediaevus	61.75	59.6	5.418375101	arboreal	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Protoselene opisthacus	61.5	59.7	7.444				NA	NA
	Periptychidae	Periptychus carinidens	63.8	59.7	10.238	ground dwelling	herbivore	species	herbivore	herbivore guild
Macroscelidea		Adunator ladae	61.2	59.8	2.84	ground dwelling	insectivore	species	insectivore	NA
Primates	Paromomyidae	Paromomys depressidens	61.75	59.8	5.425	arboreal	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Labidolemur major	59.85	59.85	4.822	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Nannodectes gazini	59.85	59.85	5.948	arboreal	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Protoselene novissimus	59.85	59.85	7.298	scansorial	omnivore	species	omnivore	NA
Cimolesta	Pentacodontidae	Bisonalveus browni	60.4	59.85	4.526	scansorial	insectivore	species	insectivore	NA
Primates	Picrodontidae	Picrodus canpaci	60.5	59.85	4.94132766	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Ptilodus gnornus	60.7165	59.85	4.219507705	arboreal	herbivore	species	herbivore	herbivore guild
	Viverravidae	Simpsonictis tenuis	60.9	59.85	4.671	ground dwelling	carnivore	species	carnivore	carnivore guild
	Arctocyonidae	Thryptacodon orthogonius	60.9	59.85	7.045	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Arctocyon montanensis	61.1	59.85	9.606				NA	NA
Cimolodonta	Cimolodontidae	Anconodon cochransensis	61.1	59.85	4.027025634	arboreal	omnivore	species	omnivore	NA
Insectivora	Apatemyidae	Unuchinia asaphes	59.9	59.9	4.19	arboreal	herbivore	species	herbivore	herbivore guild
	Periptychidae	Anisonchus sectorius	61.8	59.9	7.392	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Ptilodontidae	Baiotomeus douglassi	61.1	60	5.153976301	arboreal	omnivore	species	omnivore	NA
Insectivora	Mixodectidae	Mixodectes malaris	61.5	60	5.82	ground dwelling	insectivore	species	insectivore	NA
Primates		Palaechthon woodi	61.75	60	4.802	arboreal	omnivore	species	omnivore	NA
Primates	Carpolestidae	Elphidotarsius russelli	60.4	60.1	4.568	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax donaldorum	60.4	60.1	3.951243719	arboreal	omnivore	species	omnivore	NA
Primates	Paromomyidae	Ignacius fremontensis	60.9	60.1	4.639	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Mimotricentes tedfordi	60.35	60.2	8.327246563	ground dwelling	omnivore	species	omnivore	NA
Phenacodonta	Phenacodontidae	Tetraclaenodon puericensis	64.25	60.2	8.936	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax nelsoni	63.5	60.25	3.332	arboreal	omnivore	species	omnivore	NA
Macroscelidea	Apheliscidae	Gingerichia geoteretes	60.35	60.35	4.298902202	ground dwelling	insectivore	species	insectivore	NA
Primates	Plesiadapidae	Nannodectes intermedius	60.7	60.35	6.09	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Plesiadapidae	Plesiadapis praecursor	60.7	60.35	6.406	arboreal	herbivore	species	herbivore	herbivore guild
Leptictida	Leptictidae	Myrmecoboides montanensis	60.95	60.35	4.15	ground dwelling	insectivore, carnivore	species	insectivore	NA
Macroscelidea	Apheliscidae	Gingerichia hystrix	60.4	60.4	3.850823495	ground dwelling	insectivore	species	insectivore	NA
		Paleotomus junior	60.7165	60.4	4.625746356	scansorial	insectivore	species	insectivore	NA
	Viverravidae	Simpsonictis pegus	60.9	60.4	5.684	ground dwelling	carnivore	species	carnivore	carnivore guild
Insectivora	Mixodectidae	Eudaemonema cuspidata	60.9	60.4	5.704	ground dwelling	insectivore	species	insectivore	NA
Insectivora	Apatemyidae	Jepsenella praepropera	60.95	60.4	3.186	arboreal	herbivore	species	herbivore	herbivore guild
Primates	Palaechthonidae	Plesiolestes problematicus	60.95	60.4	5.669	arboreal	insectivore, omnivore	species	omnivore	NA

Cimolodonta	Neoplagiaulacidae	Ectypodus szalayi	61.45	60.4	2.973021227	arboreal	omnivore	species	omnivore	NA
	Palaeoryctidae	Acmeodon secans	61.7	60.4	5.202	scansorial	insectivore	species	insectivore	NA
Cimolodonta	Neoplagiaulacidae	Parectypodus sylviae	64.25	60.4	2.880021227	arboreal	omnivore	species	omnivore	NA
Primates	Carpolestidae	Elphidotarsius shotgunensis	60.5	60.5	4.668	arboreal	herbivore	species	herbivore	herbivore guild
Acreodi	Triisodontidae	Stelocyon arctylos	60.5	60.5	8.572	scansorial	omnivore	species	omnivore	NA
Dermoptera		Elpidophorus minor	60.75	60.5	5.365	arboreal	folivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Ectypodus aphronorus	60.9	60.5	2.890371758	arboreal	omnivore	species	omnivore	NA
Primates	Palaechthonidae	Palenochtha minor	60.95	60.5	3.949	arboreal	insectivore, omnivore	species	omnivore	NA
Cimolodonta	Taeniolabididae	Catopsalis calgariensis	61.1	60.5	10.13227811	arboreal	herbivore	species	herbivore	herbivore guild
Primates		Palaechthon alticuspis	61.6	60.5	5.304	arboreal	omnivore	species	omnivore	NA
Cimolesta	Pantolambdidae	Pantolambda cavirostris	61.7	60.5	10.62518431	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax grangeri	60.8	60.55	4.587799746	arboreal	omnivore	species	omnivore	NA
Panameriungulata	Hyopsodontidae	Litaletes disjunctus	61.05	60.55	6.545	scansorial	omnivore	species	omnivore	NA
Panameriungulata	Hyopsodontidae	Promioclaenus lemuroides	61.8	60.55	6.601				NA	NA
Cimolesta	Pentacodontidae	Aphronorus ratatoski	60.7	60.7	5.671	scansorial	insectivore	species	insectivore	NA
Primates	Picrodontidae	Picrodus calgariensis	60.7165	60.7	4.114686504	arboreal	herbivore	species	herbivore	herbivore guild
Cimolesta	Pentacodontidae	Coriphagus montanus	60.8	60.7	5.345	scansorial	insectivore	species	insectivore	NA
	Palaeoryctidae	Avunculus didelphodonti	60.8	60.7	4.101	scansorial	insectivore	species	insectivore	NA
Primates	Plesiadapidae	Pronothodectes jepi	60.9	60.7	6.042	arboreal	herbivore	species	herbivore	herbivore guild
Condylarthra	Chriacidae	Prothryptacodon hilli	60.95	60.7	7.58	scansorial	insectivore	species	insectivore	NA
Primates	Paromomyidae	Paromomys maturus	60.95	60.7	6.409	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Ptilodontidae	Baotomeus rathbunianus	60.7165	60.7165	2.995732274	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Parectypodus corystes	60.7165	60.7165	3.871201011	arboreal	omnivore	species	omnivore	NA
Primates	Plesiadapidae	Pronothodectes matthewi	64.25	60.7165	5.759	arboreal	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Chriacus punitor	60.8	60.75	7.017	scansorial	omnivore	species	omnivore	NA
Condylarthra	Chriacidae	Prothryptacodon furens	60.95	60.75	7.212	scansorial	insectivore	species	insectivore	NA
Cimolodonta	Eucosmodontidae	Stygimys jepseni	61.05	60.75	4.461408399	arboreal	omnivore	species	omnivore	NA
Carnivora		Ictidopappus mustelinus	60.8	60.8	5.606	ground dwelling	carnivore, omnivore	species	carnivore	carnivore guild
Leptictida	Leptictidae	Leptonysson basiliscus	60.8	60.8	5.024856237	ground dwelling	insectivore, carnivore	species	insectivore	NA
Lipotyphla	Geolabididae	Stilpnodon simplicidens	60.8	60.8	1.669150406	scansorial	insectivore	species	insectivore	NA
Cimolesta	Pantolambdidae	Pantolambda intermedius	61.5	60.8	10.938	ground dwelling	herbivore	species	herbivore	herbivore guild
	Viverravidae	Protictis vanvaleni	61.7	60.8	6.101433883				NA	NA
Primates	Carpolestidae	Elphidotarsius florencae	64.25	60.8	4.12	arboreal	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Litaletes oncoline	60.9	60.9	7.716666667	scansorial	omnivore	species	omnivore	NA
Primates	Palaechthonidae	Premnoides douglassi	60.9	60.9	5.094	arboreal	insectivore, omnivore	species	omnivore	NA
	Arctocyonidae	Chriacus katrinae	60.9	60.9	10.77292772	scansorial	omnivore	species	omnivore	NA
		Huerfanodon polecatensis	60.9	60.9	10.301	scansorial	omnivore, herbivore	species	omnivore	NA
Cimolesta	Pentacodontidae	Coriphagus encinensis	61.5	60.9	6.081	scansorial	insectivore	species	insectivore	NA
		Microclaenodon assurgens	61.5	60.9	7.22640016	scansorial	omnivore	species	omnivore	NA
Primates	Palaechthonidae	Palenochtha weissae	60.95	60.95	3.968	arboreal	insectivore, omnivore	species	omnivore	NA
	Arctocyonidae	Loxolophus crisswelli	60.95	60.95	7.667	ground dwelling	omnivore	species	omnivore	NA
	Palaeoryctidae	Palaeoryctes puercensis	61.45	60.95	2.854	scansorial	insectivore	species	insectivore	NA
Cimolodonta	Neoplagiaulacidae	Parectypodus clemensi	61.45	60.95	3.524073801	arboreal	omnivore	species	omnivore	NA
Cimolesta	Cimolestidae	Gelastops joni	61.6	60.95	5.218	scansorial	insectivore	species	insectivore	NA
Insectivora	Mixodectidae	Mixodectes pungens	61.2	61.2	7.05	ground dwelling	insectivore	species	insectivore	NA
	Escavadodontidae	Escavadodon zygos	61.2	61.2	4.928	scansorial	insectivore	species	insectivore	NA
Cimolesta	Pentacodontidae	Pentacodon occultus	61.2	61.2	8.124	scansorial	omnivore	species	omnivore	NA
		Conoryctes comma	61.2	61.2	9.726	scansorial	omnivore, herbivore	species	omnivore	NA
Acreodi	Mesonychidae	Ankalagon saurognathus	61.25	61.2	10.396	ground dwelling	carnivore	species	carnivore	carnivore guild
Panameriungulata	Hyopsodontidae	Mioclaenus turgidus	61.75	61.2	8.392	scansorial	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiaulacidae	Neoplagiaulax macrotomeus	61.25	61.25	2.843366137	arboreal	omnivore	species	omnivore	NA
		Huerfanodon torrejoni	61.25	61.25	9.945	scansorial	omnivore, herbivore	species	omnivore	NA

Acreodi	Triisodontidae	Triisodon quivirensis	61.5	61.25	11.045	scansorial	omnivore	species	omnivore	NA
Cimolesta	Pentacodontidae	Pentacodon inversus	61.5	61.25	7.057	scansorial	omnivore	species	omnivore	NA
	Periptychidae	Haploconus angustus	65.25	61.25	7.091	ground dwelling	herbivore	species	herbivore	herbivore guild
		Conoryctella pattersoni	61.75	61.35	8.776	scansorial	omnivore, herbivore	species	omnivore	NA
	Viverravidae	Protictis simpsoni	61.45	61.45	7.8671055	ground dwelling	carnivore	species	carnivore	carnivore guild
Cimolodonta	Neoplagiulacidae	Parectypodus trovessartianus	61.45	61.45	4.506894288	arboreal	omnivore	species	omnivore	NA
Primates	Palaechthonidae	Plesiolestes nacimienti	61.75	61.45	5.831	arboreal	insectivore, omnivore	species	omnivore	NA
Cimolodonta	Taeniolabidae	Catopsalis fissidens	61.8	61.5	9.319253976	arboreal	herbivore	species	herbivore	herbivore guild
Cimolesta	Pentacodontidae	Aphronorus simpsoni	61.75	61.75	5.173	scansorial	insectivore	species	insectivore	NA
Panameriungulata	Hyopsodontidae	Litaletes sternbergi	61.75	61.75	8.001819308				NA	NA
Panameriungulata	Hyopsodontidae	Protoselene griphus	61.75	61.75	7.39	scansorial	omnivore	species	omnivore	NA
	Periptychidae	Anisonchus onostus	63	61.75	6.42	ground dwelling	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Loxolophus spiekeri	63	61.75	9.816	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Desmatoclaenus hermaeus	63.2	61.75	9.218	ground dwelling	omnivore	species	omnivore	NA
	Periptychidae	Anisonchus oligistus	63.5	61.75	5.971	ground dwelling	herbivore	species	herbivore	herbivore guild
Acreodi		Oxyclaenus pugnax	63.5	61.75	8.555	scansorial	omnivore	species	omnivore	NA
	Arctocyonidae	Loxolophus pentacus	64	61.75	9.615	ground dwelling	omnivore	species	omnivore	NA
	Periptychidae	Periptychus coarctatus	64.15	61.75	10.031	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabidae	Taeniolabis taoensis	64	62.8	10.62598023	arboreal	herbivore	species	herbivore	herbivore guild
	Arctocyonidae	Loxolophus schizophrenus	64.3	62.8	6.78	ground dwelling	omnivore	species	omnivore	NA
	Arctocyonidae	Baioconodon denverensis	64.9	62.8	8.344	ground dwelling	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiulacidae	Mesodma thompsoni	75	62.8	3.976645957	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiulacidae	Mesodma formosa	82.85	62.8	3.49417403	arboreal	omnivore	species	omnivore	NA
	Periptychidae	Haploconus elachistus	63	62.9	6.13	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Ectoconus symbolus	63.2	62.9	9.557	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Anisonchus athelas	63.6	62.9	6.42	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Conacodon kohlbergeri	64.05	62.9	6.418	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Ectoconus ditrigonus	64.1	63	10.017	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Oxyacodon apiculatus	64.3	63	6.5	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Oxyacodon ferronensis	64.5	63.1	5.513	ground dwelling	herbivore	species	herbivore	herbivore guild
Panameriungulata	Hyopsodontidae	Valenia wilsoni	64.15	63.2	5.625	scansorial	omnivore	species	omnivore	NA
Cimolodonta	Microcosmodontidae	Microcosmodon arcuatus	63.3	63.3	3.538458957	arboreal	herbivore	species	herbivore	herbivore guild
Acreodi		Oxyclaenus corax	63.3	63.3	7.134	scansorial	omnivore	species	omnivore	NA
Macroscelidea	Apheliscidae	Litomylus orthronepius	63.4	63.3	5.203	ground dwelling	insectivore	species	insectivore	NA
	Periptychidae	Oxyacodon agapetillus	64.75	63.3	5.196	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta		Cimexomys minor	66.8	63.3	3.631912816	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabidae	Catopsalis waddleae	63.4	63.4	10.27545696	arboreal	herbivore	species	herbivore	herbivore guild
Acreodi		Oxyclaenus simplex	64.8	63.4	6.743				NA	NA
Cimolesta	Cimolestidae	Cimolestes incisus	68.5	63.4	5.467	scansorial	insectivore	species	insectivore	NA
Primates		Pandemonium dis	63.5	63.5	5.962	arboreal	insectivore, omnivore	species	omnivore	NA
Primates		Purgatorius unio	63.5	63.5	5.287	arboreal	omnivore	species	omnivore	NA
Acreodi	Triisodontidae	Eoconodon nidhoggii	64.3	63.5	8.127	scansorial	omnivore	species	omnivore	NA
Cimolodonta	Neoplagiulacidae	Mesodma ambigua	65.3	63.5	4.047721506	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Loxolophus hyattianus	64.65	63.6	7.589	ground dwelling	omnivore	species	omnivore	NA
Cimolodonta	Eucosmodontidae	Stygmimys kuszmauli	65.2	63.6	5.516793137	arboreal	omnivore	species	omnivore	NA
	Arctocyonidae	Desmatoclaenus diana	63.7	63.7	7.987	ground dwelling	omnivore	species	omnivore	NA
	Periptychidae	Conacodon entoconus	64.05	63.7	7.728				NA	NA
Acreodi		Oxyclaenus cuspidatus	64.15	63.7	7.39	scansorial	omnivore	species	omnivore	NA
	Arctocyonidae	Loxolophus priscus	64.65	63.7	8.271	ground dwelling	omnivore	species	omnivore	NA
	Periptychidae	Conacodon delphae	64.75	63.7	8.105	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Mithrandir gillianus	64.75	63.7	6.469	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Eucosmodontidae	Eucosmodon americanus	64	64	6.401208927	arboreal	herbivore	species	herbivore	herbivore guild

Panameriungulata	Arctocyonidae	Loxolophus stenognathus	64	64	9.401	ground dwelling	omnivore	species	omnivore	NA
	Hyopsodontidae	Tiznatzinia vanderhoofi	64.05	64	5.88	scansorial	omnivore	species	omnivore	NA
	Periptychidae	Conacodon cophater	64.15	64	5.477	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Oxyacodon priscilla	64.65	64	5.965	ground dwelling	herbivore	species	herbivore	herbivore guild
Cimolodonta	Arctocyonidae	Protungulatum donnae	65.4	64	6.269	ground dwelling	omnivore	species	omnivore	NA
	Taeniolabidae	Catopsalis foliatus	64.05	64.05	8.461833185	arboreal	herbivore	species	herbivore	herbivore guild
Cimolesta	Cimolestidae	Procerberus formicarum	65.2	64.05	4.594	scansorial	carnivore, insectivore	species	insectivore	NA
Cimolodonta	Arctocyonidae	Oxyprimus erikseni	65.2	64.05	4.874	ground dwelling	omnivore	species	omnivore	NA
	Taeniolabidae	Catopsalis joyneri	66.775	64.05	7.797702036				NA	NA
	Arctocyonidae	Baioconodon nordicus	65.2	64.3	7.428	ground dwelling	omnivore	species	omnivore	NA
Cimolodonta	Periptychidae	Conacodon harbourae	64.4	64.4	7.156	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Mimatuta morgoth	65.2	64.4	6.249	ground dwelling	herbivore	species	herbivore	herbivore guild
	Microcosmodontidae	Microcosmodon harleyi	64.5	64.5	3.190418433	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Taeniolabidae	Taeniolabis lamberti	64.5	64.5	9.989005354	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Periptychidae	Ampliconus antoni	64.65	64.65	7.974	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Alticonus gazini	64.9	64.65	7.037	ground dwelling	herbivore	species	herbivore	herbivore guild
	Neoplagiulacidae	Mesodma garfieldensis	66.775	64.75	3.689834809	arboreal	omnivore	species	omnivore	NA
		Cimexomys arapahoensis	64.9	64.9	4.644390899	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Neoplagiulacidae	Xyromys robinsoni	64.9	64.9	3.218875825	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Ptilodontidae	Kimbetohia mziae	65.15	64.9	4.276666119	arboreal	omnivore	species	omnivore	NA
Cimolodonta	Taeniolabidae	Catopsalis alexanderi	65.2	64.9	8.159828412	arboreal	herbivore	species	herbivore	herbivore guild
Acreodi	Arctocyonidae	Baioconodon engdahli	65.15	65.1	6.91	ground dwelling	omnivore	species	omnivore	NA
	Periptychidae	Mimatuta minuial	65.2	65.15	6.422	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Hemithlaeus josephi	65.2	65.2	5.233	ground dwelling	herbivore	species	herbivore	herbivore guild
	Periptychidae	Maiorana ferrisensis	65.2	65.2	6.593	ground dwelling	herbivore	species	herbivore	herbivore guild
	Triisodontidae	Eoconodon copanus	65.2	65.2	9.236	scansorial	omnivore	species	omnivore	NA
	Neoplagiulacidae	Mesodma hensleighi	82.85	65.3	2.774685879	arboreal	omnivore	species	omnivore	NA
Didelphimorphia	Glasbiidae	Glasbius twitchelli	68	65.55	3.683	scansorial	herbivore, frugivore	species	omnivore	NA
Cimolodonta	Cimolomyidae	Essonodon browni	68.45	65.55	7.539059428	arboreal	herbivore	species	herbivore	herbivore guild
Didelphimorphia	Stagodontidae	Didelphodon vorax	68.5	65.55	6.635	aquatic	durophage	species	carnivore	carnivore guild
Cimolesta	Cimolestidae	Cimolestes magnus	68.9	65.55	6.986				NA	NA
Leptictida	Gypsonictopidae	Gypsonictops illuminatus	68.9	65.55	4.565	ground dwelling	omnivore, frugivore	species	omnivore	NA
Cimolodonta	Cimolomyidae	Cimolomys gracilis	69.325	65.55	5.842741108	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Cimolomyidae	Meniscoessus robustus	69.9	65.55	7.764466375	arboreal	herbivore	species	herbivore	herbivore guild
Cimolodonta	Pediomyidae	Pediomys elegans	74.6	65.55	3.212	ground dwelling	insectivore	species	insectivore	NA
	Cimolodontidae	Cimolodon nitidus	82.85	65.55	5.309692903	arboreal	omnivore	species	omnivore	NA
Didelphimorphia	Alphadontidae	Alphadon marshi	82.85	65.55	3.463	scansorial	omnivore	species	omnivore	NA

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