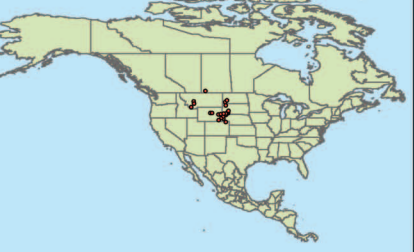


Middle Chadronian



Early Orellan



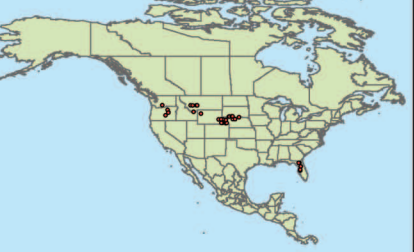
Late Orellan



Early early Arikareean



Late early Arikareean



Early late Arikareean



Late late Arikareean



Early Hemingfordian



Late Hemingfordian



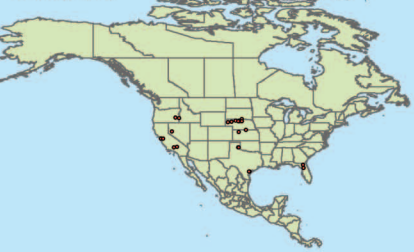
Early Barstovian



Late Barstovian



Clarendonian



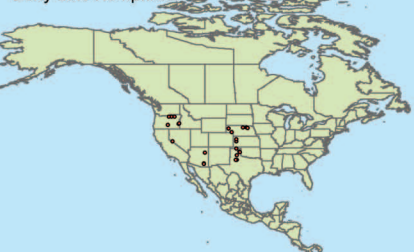
Early Early Hemphillian



Late Early Hemphillian



Early Late Hemphillian



Blancan I



Blancan III



Blancan V



Irvingtonian I

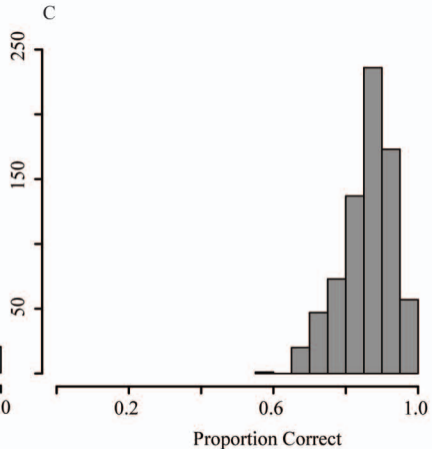
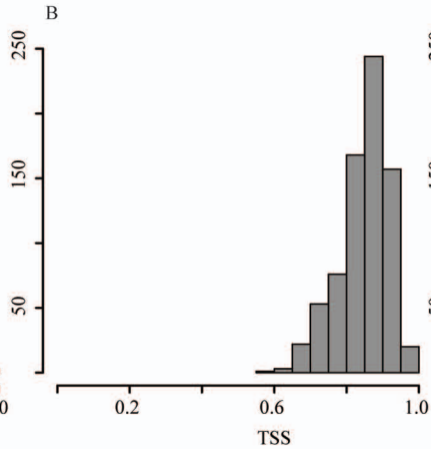
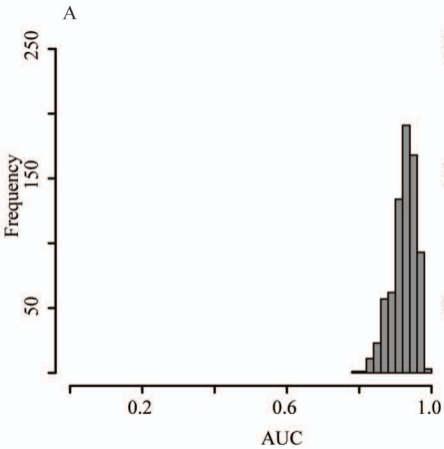


Irvingtonian II



Rancholabrean





**Table S1.** Summary of Special Emissions Report Scenarios (SERs) to which we fit climate models for extant mammalian species.

<b>Scenario</b>	<b>year</b>	<b>Mean Annual Temperature (°C)</b>	<b>Standard Deviation</b>	<b>Standard Error</b>
	Present	4.447	15.850	0.057
B1_low	2050s	5.941	15.540	0.056
B1	2050s	6.926	15.420	0.056
A1b	2050s	7.602	15.336	0.056
A2	2050s	8.674	15.163	0.055
A1b	2080s	7.390	15.444	0.056
A2	2080s	9.196	15.198	0.055
A2_top	2080s	11.225	14.721	0.053

**Table S2.** List of mammalian taxa included and excluded from the species distribution models.

<b>Species</b>	<b>Status</b>
<i>Abrawayaomys ruschii</i>	Not found north of equator
<i>Abrothrix andinus</i>	Not found north of equator
<i>Abrocoma bennettii</i>	Not found north of equator
<i>Abrocoma boliviensis</i>	Not found north of equator
<i>Abrocoma cinerea</i>	Not found north of equator
<i>Abrothrix hershkovitzi</i>	Not found north of equator
<i>Abrothrix illuteus</i>	Not found north of equator
<i>Abrothrix jelskii</i>	Not found north of equator
<i>Abrothrix lanosus</i>	Not found north of equator
<i>Abrothrix longipilis</i>	Not found north of equator
<i>Abrothrix markhami</i>	Not found north of equator
<i>Abrothrix olivaceus</i>	Not found north of equator
<i>Abrothrix sanborni</i>	Not found north of equator
<i>Abrocoma schistacea</i>	Not found north of equator
<i>Aconaemys fuscus</i>	Not found north of equator
<i>Aconaemys porteri</i>	Not found north of equator
<i>Aconaemys sagei</i>	Not found north of equator
<i>Aepeomys lugens</i>	INCLUDED
<i>Aepeomys reigi</i>	Less than 20 occurrences
<i>Akodon aerosus</i>	Not found north of equator
<i>Akodon affinis</i>	Less than 20 occurrences
<i>Akodon albiventer</i>	Not found north of equator
<i>Akodon aliquantulus</i>	Not found north of equator
<i>Akodon azarae</i>	Not found north of equator
<i>Akodon bogotensis</i>	INCLUDED
<i>Akodon boliviensis</i>	Not found north of equator
<i>Akodon budini</i>	Not found north of equator
<i>Akodon cursor</i>	Not found north of equator
<i>Akodon dayi</i>	Not found north of equator
<i>Akodon dolores</i>	Not found north of equator
<i>Akodon fumeus</i>	Not found north of equator
<i>Akodon iniscatus</i>	Not found north of equator
<i>Akodon juninensis</i>	Not found north of equator
<i>Akodon kofordi</i>	Not found north of equator
<i>Akodon latebricola</i>	Not found north of equator
<i>Akodon lindberghi</i>	Not found north of equator
<i>Akodon lutescens</i>	Not found north of equator
<i>Akodon mimus</i>	Not found north of equator

<i>Akodon molinae</i>	Not found north of equator
<i>Akodon mollis</i>	Not found north of equator
<i>Akodon montensis</i>	Not found north of equator
<i>Akodon mystax</i>	Not found north of equator
<i>Akodon neocenus</i>	Not found north of equator
<i>Akodon oenos</i>	Not found north of equator
<i>Akodon orophilus</i>	Not found north of equator
<i>Akodon paranaensis</i>	Not found north of equator
<i>Akodon reigi</i>	Not found north of equator
<i>Akodon sanctipaulensis</i>	Not found north of equator
<i>Akodon serrensis</i>	Not found north of equator
<i>Akodon siberiae</i>	Not found north of equator
<i>Akodon simulator</i>	Not found north of equator
<i>Akodon spegazzinii</i>	Not found north of equator
<i>Akodon subfuscus</i>	Not found north of equator
<i>Akodon surdus</i>	Not found north of equator
<i>Akodon sylvanus</i>	Not found north of equator
<i>Akodon toba</i>	Not found north of equator
<i>Akodon torques</i>	Not found north of equator
<i>Akodon varius</i>	Not found north of equator
<i>Alces americanus</i>	INCLUDED
<i>Alouatta belzebul</i>	Not found north of equator
<i>Alouatta caraya</i>	Not found north of equator
<i>Alouatta coibensis</i>	Less than 20 occurrences
<i>Alouatta guariba</i>	Not found north of equator
<i>Alouatta nigerrima</i>	Not found north of equator
<i>Alouatta palliata</i>	INCLUDED
<i>Alouatta pigra</i>	INCLUDED
<i>Alouatta sara</i>	Not found north of equator
<i>Alouatta seniculus</i>	INCLUDED
<i>Ametrida centurio</i>	INCLUDED
<i>Ammospermophilus harrisii</i>	INCLUDED
<i>Ammospermophilus insularis</i>	Less than 20 occurrences
<i>Ammospermophilus interpres</i>	INCLUDED
<i>Ammospermophilus leucurus</i>	INCLUDED
<i>Ammospermophilus nelsoni</i>	Less than 20 occurrences
<i>Amorphochilus schnablii</i>	Not found north of equator
<i>Amphinectomys savamis</i>	Not found north of equator
<i>Andalgalomys olrogi</i>	Not found north of equator
<i>Andalgalomys pearsoni</i>	Not found north of equator
<i>Andalgalomys roigi</i>	Not found north of equator
<i>Andinomys edax</i>	Not found north of equator
<i>Anotomys leander</i>	Not found north of equator

<i>Anoura caudifer</i>	INCLUDED
<i>Anoura cultrata</i>	INCLUDED
<i>Anoura geoffroyi</i>	INCLUDED
<i>Anoura latidens</i>	INCLUDED
<i>Anoura luismanueli</i>	Less than 20 occurrences
<i>Antilocapra americana</i>	INCLUDED
<i>Antrozous pallidus</i>	INCLUDED
<i>Aotus azarae</i>	Not found north of equator
<i>Aotus lemurinus</i>	INCLUDED
<i>Aotus miconax</i>	Not found north of equator
<i>Aotus nancymaae</i>	Not found north of equator
<i>Aotus nigriceps</i>	Not found north of equator
<i>Aotus trivirgatus</i>	INCLUDED
<i>Aotus vociferans</i>	INCLUDED
<i>Aplodontia rufa</i>	INCLUDED
<i>Arborimus albipes</i>	Less than 20 occurrences
<i>Arborimus longicaudus</i>	Less than 20 occurrences
<i>Arborimus pomo</i>	Less than 20 occurrences
<i>Ardops nichollsi</i>	Less than 20 occurrences
<i>Ariteus flavescens</i>	Less than 20 occurrences
<i>Artibeus amplus</i>	INCLUDED
<i>Artibeus anderseni</i>	Not found north of equator
<i>Artibeus aztecus</i>	INCLUDED
<i>Artibeus cinereus</i>	INCLUDED
<i>Artibeus concolor</i>	INCLUDED
<i>Artibeus fimbriatus</i>	Not found north of equator
<i>Artibeus fraterculus</i>	Not found north of equator
<i>Artibeus glaucus</i>	INCLUDED
<i>Artibeus gnomus</i>	INCLUDED
<i>Artibeus hirsutus</i>	INCLUDED
<i>Artibeus inopinatus</i>	Less than 20 occurrences
<i>Artibeus jamaicensis</i>	INCLUDED
<i>Artibeus lituratus</i>	INCLUDED
<i>Artibeus obscurus</i>	INCLUDED
<i>Artibeus phaeotis</i>	INCLUDED
<i>Artibeus toltecus</i>	INCLUDED
<i>Artibeus triomylus</i>	INCLUDED
<i>Artibeus watsoni</i>	INCLUDED
<i>Ateles belzebuth</i>	INCLUDED
<i>Ateles chamek</i>	Not found north of equator
<i>Ateles fusciceps</i>	INCLUDED
<i>Ateles geoffroyi</i>	INCLUDED
<i>Ateles hybridus</i>	INCLUDED

<i>Ateles marginatus</i>	Not found north of equator
<i>Atelocynus microtis</i>	INCLUDED
<i>Ateles paniscus</i>	INCLUDED
<i>Auliscomys boliviensis</i>	Not found north of equator
<i>Auliscomys pictus</i>	Not found north of equator
<i>Auliscomys sublimis</i>	Not found north of equator
<i>Baiomys musculus</i>	INCLUDED
<i>Baiomys taylori</i>	INCLUDED
<i>Balantiopteryx infusca</i>	Less than 20 occurrences
<i>Balantiopteryx io</i>	INCLUDED
<i>Balantiopteryx plicata</i>	INCLUDED
<i>Bassaricyon alleni</i>	Not found north of equator
<i>Bassariscus astutus</i>	INCLUDED
<i>Bassaricyon beddardi</i>	INCLUDED
<i>Bassaricyon gabbii</i>	INCLUDED
<i>Bassaricyon lasius</i>	Less than 20 occurrences
<i>Bassaricyon pauli</i>	Less than 20 occurrences
<i>Bassariscus sumichrasti</i>	INCLUDED
<i>Bauerus dubiaquercus</i>	INCLUDED
<i>Bibimys chacoensis</i>	Not found north of equator
<i>Bibimys labiosus</i>	Not found north of equator
<i>Bibimys torresi</i>	Not found north of equator
<i>Blarinomys breviceps</i>	Not found north of equator
<i>Blarina carolinensis</i>	INCLUDED
<i>Blarina hylophaga</i>	INCLUDED
<i>Blastocerus dichotomus</i>	Not found north of equator
<i>Bos bison</i>	INCLUDED
<i>Brachyteles arachnoides</i>	Not found north of equator
<i>Brachyphylla cavernarum</i>	Less than 20 occurrences
<i>Brachyteles hypoxanthus</i>	Not found north of equator
<i>Brachylagus idahoensis</i>	INCLUDED
<i>Brachyphylla nana</i>	INCLUDED
<i>Bradypus torquatus</i>	Not found north of equator
<i>Bradypus tridactylus</i>	INCLUDED
<i>Bradypus variegatus</i>	INCLUDED
<i>Brucepattersonius albinasus</i>	Not found north of equator
<i>Brucepattersonius griserufescens</i>	Not found north of equator
<i>Brucepattersonius guarani</i>	Not found north of equator
<i>Brucepattersonius igniventris</i>	Not found north of equator
<i>Brucepattersonius iheringi</i>	Not found north of equator
<i>Brucepattersonius misionensis</i>	Not found north of equator
<i>Brucepattersonius paradisus</i>	Not found north of equator

<i>Brucepattersonius soricinus</i>	Not found north of equator
<i>Cabassous centralis</i>	INCLUDED
<i>Cabassous chacoensis</i>	Not found north of equator
<i>Cabassous tatouay</i>	Not found north of equator
<i>Cabassous unicinctus</i>	INCLUDED
<i>Cacajao calvus</i>	Not found north of equator
<i>Cacajao melanocephalus</i>	Less than 20 occurrences
<i>Caenolestes caniventer</i>	Not found north of equator
<i>Caenolestes convelatus</i>	Less than 20 occurrences
<i>Caenolestes fuliginosus</i>	INCLUDED
<i>Callithrix acariensis</i>	Not found north of equator
<i>Callithrix argentata</i>	Not found north of equator
<i>Callicebus aureipalatii</i>	Not found north of equator
<i>Callithrix aurita</i>	Not found north of equator
<i>Callicebus baptista</i>	Not found north of equator
<i>Callicebus barbarabrownae</i>	Not found north of equator
<i>Callicebus bernhardi</i>	Not found north of equator
<i>Callicebus brunneus</i>	Not found north of equator
<i>Callicebus caligatus</i>	Not found north of equator
<i>Callithrix chrysoleuca</i>	Not found north of equator
<i>Callicebus cinerascens</i>	Not found north of equator
<i>Callicebus coimbrai</i>	Not found north of equator
<i>Callicebus cupreus</i>	Not found north of equator
<i>Callicebus discolor</i>	Not found north of equator
<i>Callicebus donacophilus</i>	Not found north of equator
<i>Callicebus dubius</i>	Not found north of equator
<i>Callithrix emiliae</i>	Not found north of equator
<i>Callithrix flaviceps</i>	Not found north of equator
<i>Callithrix geoffroyi</i>	Not found north of equator
<i>Callimico goeldii</i>	Not found north of equator
<i>Callicebus hoffmannsi</i>	Not found north of equator
<i>Callithrix humeralifera</i>	Not found north of equator
<i>Callibella humilis</i>	Not found north of equator
<i>Callithrix intermedia</i>	Not found north of equator
<i>Callithrix jacchus</i>	Not found north of equator
<i>Callithrix kuhlii</i>	Not found north of equator
<i>Callithrix leucippe</i>	Not found north of equator
<i>Callicebus lucifer</i>	Not found north of equator
<i>Callicebus lugens</i>	INCLUDED
<i>Callithrix manicorensis</i>	Not found north of equator
<i>Callithrix marcai</i>	Not found north of equator
<i>Callithrix mauesi</i>	Not found north of equator
<i>Callicebus medemi</i>	Not found north of equator



<i>Callithrix melanura</i>	Not found north of equator
<i>Callicebus modestus</i>	Not found north of equator
<i>Callicebus moloch</i>	Not found north of equator
<i>Callithrix nigriceps</i>	Not found north of equator
<i>Callicebus oenanthe</i>	Not found north of equator
<i>Callicebus olallae</i>	Not found north of equator
<i>Callicebus ornatus</i>	Less than 20 occurrences
<i>Callicebus pallescens</i>	Not found north of equator
<i>Callithrix penicillata</i>	Not found north of equator
<i>Callicebus personatus</i>	Not found north of equator
<i>Callistomys pictus</i>	Not found north of equator
<i>Callicebus purinus</i>	Not found north of equator
<i>Callithrix pygmaea</i>	Not found north of equator
<i>Callicebus regulus</i>	Not found north of equator
<i>Callithrix saterei</i>	Not found north of equator
<i>Callicebus stephennashi</i>	Not found north of equator
<i>Callicebus torquatus</i>	Not found north of equator
<i>Calomys boliviae</i>	Not found north of equator
<i>Calomys callidus</i>	Not found north of equator
<i>Calomys callosus</i>	Not found north of equator
<i>Calomys hummelincki</i>	INCLUDED
<i>Calomys laucha</i>	Less than 20 occurrences
<i>Calomys lepidus</i>	Not found north of equator
<i>Calomys musculinus</i>	Not found north of equator
<i>Calomys sorellus</i>	Not found north of equator
<i>Calomys tener</i>	Not found north of equator
<i>Calomys tocantinsi</i>	Not found north of equator
<i>Caluromys derbianus</i>	INCLUDED
<i>Caluromysiops irrupta</i>	Not found north of equator
<i>Caluromys lanatus</i>	INCLUDED
<i>Caluromys philander</i>	INCLUDED
<i>Calyptophractus retusus</i>	Not found north of equator
<i>Canis latrans</i>	INCLUDED
<i>Canis lupus</i>	INCLUDED
<i>Canis rufus</i>	INCLUDED
<i>Capromys pilorides</i>	Less than 20 occurrences
<i>Carollia brevicauda</i>	INCLUDED
<i>Carollia castanea</i>	INCLUDED
<i>Carollia manu</i>	Not found north of equator
<i>Carollia perspicillata</i>	INCLUDED
<i>Carollia sowelli</i>	INCLUDED
<i>Carollia subrufa</i>	INCLUDED
<i>Carterodon sulcidens</i>	Not found north of equator

<i>Castor canadensis</i>	INCLUDED
<i>Catagonus wagneri</i>	Not found north of equator
<i>Cavia aperea</i>	INCLUDED
<i>Cavia fulgida</i>	Not found north of equator
<i>Cavia magna</i>	Not found north of equator
<i>Cavia porcellus</i>	INCLUDED
<i>Cavia tschudii</i>	Not found north of equator
<i>Cebus albifrons</i>	INCLUDED
<i>Cebus apella</i>	INCLUDED
<i>Cebus capucinus</i>	INCLUDED
<i>Cebus kaopori</i>	Not found north of equator
<i>Cebus libidinosus</i>	Not found north of equator
<i>Cebus nigritus</i>	Not found north of equator
<i>Cebus olivaceus</i>	INCLUDED
<i>Cebus xanthosternos</i>	Not found north of equator
<i>Centronycteris centralis</i>	INCLUDED
<i>Centronycteris maximiliani</i>	INCLUDED
<i>Centurio senex</i>	INCLUDED
<i>Cerdocyon thous</i>	INCLUDED
<i>Cervus canadensis</i>	INCLUDED
<i>Chaetodipus arenarius</i>	INCLUDED
<i>Chaetodipus artus</i>	Less than 20 occurrences
<i>Chaetodipus baileyi</i>	INCLUDED
<i>Chaetodipus californicus</i>	INCLUDED
<i>Chaetodipus eremicus</i>	INCLUDED
<i>Chaetodipus fallax</i>	Less than 20 occurrences
<i>Chaetodipus formosus</i>	INCLUDED
<i>Chaetodipus goldmani</i>	Less than 20 occurrences
<i>Chaetodipus hispidus</i>	INCLUDED
<i>Chaetodipus intermedius</i>	INCLUDED
<i>Chaetodipus lineatus</i>	Less than 20 occurrences
<i>Chaetophractus nationi</i>	Not found north of equator
<i>Chaetodipus nelsoni</i>	INCLUDED
<i>Chaetodipus penicillatus</i>	INCLUDED
<i>Chaetodipus pernix</i>	INCLUDED
<i>Chaetodipus rudinoris</i>	INCLUDED
<i>Chaetodipus spinatus</i>	INCLUDED
<i>Chaetomys subspinosus</i>	Not found north of equator
<i>Chaetophractus vellerosus</i>	Not found north of equator
<i>Chaetophractus villosus</i>	Not found north of equator
<i>Chelemys delfini</i>	Not found north of equator
<i>Chelemys macronyx</i>	Not found north of equator
<i>Chelemys megalonyx</i>	Not found north of equator

<i>Chibchanomys orcesi</i>	Not found north of equator
<i>Chibchanomys trichotis</i>	INCLUDED
<i>Chilomys instans</i>	INCLUDED
<i>Chilonatalus micropus</i>	INCLUDED
<i>Chilonatalus tumidifrons</i>	INCLUDED
<i>Chinchilla chinchilla</i>	Not found north of equator
<i>Chinchilla lanigera</i>	Not found north of equator
<i>Chinchillula sahamae</i>	Not found north of equator
<i>Chiropotes albinasus</i>	Not found north of equator
<i>Chiropotes chiropotes</i>	INCLUDED
<i>Chiroderma doriae</i>	Not found north of equator
<i>Chiroderma improvisum</i>	Less than 20 occurrences
<i>Chironectes minimus</i>	INCLUDED
<i>Chiroderma salvini</i>	INCLUDED
<i>Chiropotes satanas</i>	Not found north of equator
<i>Chiroderma trinitatum</i>	INCLUDED
<i>Chiropotes utahickae</i>	Not found north of equator
<i>Chiroderma villosum</i>	INCLUDED
<i>Chlamyphorus truncatus</i>	Not found north of equator
<i>Choeroniscus godmani</i>	INCLUDED
<i>Choeronycteris mexicana</i>	INCLUDED
<i>Choeroniscus minor</i>	INCLUDED
<i>Choeroniscus periosus</i>	Less than 20 occurrences
<i>Choloepus didactylus</i>	INCLUDED
<i>Choloepus hoffmanni</i>	INCLUDED
<i>Chrotopterus auritus</i>	INCLUDED
<i>Chrysocyon brachyurus</i>	Not found north of equator
<i>Clyomys bishopi</i>	Not found north of equator
<i>Clyomys laticeps</i>	Not found north of equator
<i>Coendou bicolor</i>	Less than 20 occurrences
<i>Coendou nycthemera</i>	Not found north of equator
<i>Coendou prehensilis</i>	INCLUDED
<i>Coendou rothschildi</i>	Less than 20 occurrences
<i>Condylura cristata</i>	INCLUDED
<i>Conepatus chinga</i>	Not found north of equator
<i>Conepatus humboldtii</i>	Not found north of equator
<i>Conepatus leuconotus</i>	INCLUDED
<i>Conepatus semistriatus</i>	INCLUDED
<i>Cormura brevirostris</i>	INCLUDED
<i>Corynorhinus mexicanus</i>	INCLUDED
<i>Corynorhinus rafinesquii</i>	INCLUDED
<i>Corynorhinus townsendii</i>	INCLUDED
<i>Cratogeomys castanops</i>	INCLUDED

<i>Cratogeomys fumosus</i>	Less than 20 occurrences
<i>Cratogeomys gymnurus</i>	Less than 20 occurrences
<i>Cratogeomys merriami</i>	Less than 20 occurrences
<i>Cratogeomys neglectus</i>	Less than 20 occurrences
<i>Cratogeomys tylorhinus</i>	Less than 20 occurrences
<i>Cratogeomys zinseri</i>	Less than 20 occurrences
<i>Cryptotis alticola</i>	Less than 20 occurrences
<i>Cryptotis colombiana</i>	Less than 20 occurrences
<i>Cryptotis endersi</i>	Less than 20 occurrences
<i>Cryptotis equatoris</i>	Not found north of equator
<i>Cryptotis goldmani</i>	Less than 20 occurrences
<i>Cryptotis goodwini</i>	Less than 20 occurrences
<i>Cryptotis gracilis</i>	Less than 20 occurrences
<i>Cryptotis griseoventris</i>	Less than 20 occurrences
<i>Cryptotis hondurensis</i>	Less than 20 occurrences
<i>Cryptotis magna</i>	Less than 20 occurrences
<i>Cryptotis mayensis</i>	INCLUDED
<i>Cryptotis medellinia</i>	Less than 20 occurrences
<i>Cryptotis mera</i>	Less than 20 occurrences
<i>Cryptotis meridensis</i>	Less than 20 occurrences
<i>Cryptotis merriami</i>	INCLUDED
<i>Cryptotis mexicana</i>	Less than 20 occurrences
<i>Cryptotis montivaga</i>	Not found north of equator
<i>Cryptotis nelsoni</i>	Less than 20 occurrences
<i>Cryptotis nigrescens</i>	INCLUDED
<i>Cryptotis obscura</i>	Less than 20 occurrences
<i>Cryptotis parva</i>	INCLUDED
<i>Cryptotis peregrina</i>	Less than 20 occurrences
<i>Cryptotis phillipsii</i>	Less than 20 occurrences
<i>Cryptotis squamipes</i>	Less than 20 occurrences
<i>Cryptotis tamensis</i>	Less than 20 occurrences
<i>Cryptotis thomasi</i>	Less than 20 occurrences
<i>Ctenomys argentinus</i>	Not found north of equator
<i>Ctenomys australis</i>	Not found north of equator
<i>Ctenomys azarae</i>	Not found north of equator
<i>Ctenomys bergi</i>	Not found north of equator
<i>Ctenomys boliviensis</i>	Not found north of equator
<i>Ctenomys bonettoi</i>	Not found north of equator
<i>Ctenomys brasiliensis</i>	Not found north of equator
<i>Ctenomys colburni</i>	Not found north of equator
<i>Ctenomys conoveri</i>	Not found north of equator
<i>Ctenomys dorbignyi</i>	Not found north of equator
<i>Ctenomys dorsalis</i>	Not found north of equator

<i>Ctenomys emilianus</i>	Not found north of equator
<i>Ctenomys flamarioni</i>	Not found north of equator
<i>Ctenomys frater</i>	Not found north of equator
<i>Ctenomys fulvus</i>	Not found north of equator
<i>Ctenomys goodfellowi</i>	Not found north of equator
<i>Ctenomys haigi</i>	Not found north of equator
<i>Ctenomys knighti</i>	Not found north of equator
<i>Ctenomys latro</i>	Not found north of equator
<i>Ctenomys leucodon</i>	Not found north of equator
<i>Ctenomys lewisi</i>	Not found north of equator
<i>Ctenomys magellanicus</i>	Not found north of equator
<i>Ctenomys maulinus</i>	Not found north of equator
<i>Ctenomys mendocinus</i>	Not found north of equator
<i>Ctenomys minutus</i>	Not found north of equator
<i>Ctenomys occultus</i>	Not found north of equator
<i>Ctenomys opimus</i>	Not found north of equator
<i>Ctenomys osvaldoreigi</i>	Not found north of equator
<i>Ctenomys pearsoni</i>	Not found north of equator
<i>Ctenomys perrensi</i>	Not found north of equator
<i>Ctenomys peruanus</i>	Not found north of equator
<i>Ctenomys pontifex</i>	Not found north of equator
<i>Ctenomys porteousi</i>	Not found north of equator
<i>Ctenomys rionegrensis</i>	Not found north of equator
<i>Ctenomys saltarius</i>	Not found north of equator
<i>Ctenomys sericeus</i>	Not found north of equator
<i>Ctenomys sociabilis</i>	Not found north of equator
<i>Ctenomys steinbachi</i>	Not found north of equator
<i>Ctenomys talarum</i>	Not found north of equator
<i>Ctenomys torquatus</i>	Not found north of equator
<i>Ctenomys tuconax</i>	Not found north of equator
<i>Ctenomys tucumanus</i>	Not found north of equator
<i>Ctenomys validus</i>	Not found north of equator
<i>Cuniculus paca</i>	INCLUDED
<i>Cuniculus taczanowskii</i>	INCLUDED
<i>Cuscomys ashaninka</i>	Not found north of equator
<i>Cyclopes didactylus</i>	INCLUDED
<i>Cynomops abrasus</i>	INCLUDED
<i>Cynomys gunnisoni</i>	INCLUDED
<i>Cynomys leucurus</i>	INCLUDED
<i>Cynomys ludovicianus</i>	INCLUDED
<i>Cynomops mexicanus</i>	Less than 20 occurrences
<i>Cynomops paranus</i>	INCLUDED
<i>Cynomys parvidens</i>	Less than 20 occurrences

<i>Cynomops planirostris</i>	INCLUDED
<i>Cyttarops alecto</i>	INCLUDED
<i>Dactylomys boliviensis</i>	Not found north of equator
<i>Dactylomys dactylinus</i>	Less than 20 occurrences
<i>Dactylomys peruanus</i>	Not found north of equator
<i>Dasyprocta azarae</i>	Not found north of equator
<i>Dasyprocta coibae</i>	Less than 20 occurrences
<i>Dasyprocta fuliginosa</i>	INCLUDED
<i>Dasyprocta guamara</i>	Less than 20 occurrences
<i>Dasypus hybridus</i>	Not found north of equator
<i>Dasyprocta kalinowskii</i>	Not found north of equator
<i>Dasypus kappleri</i>	INCLUDED
<i>Dasyprocta leporina</i>	INCLUDED
<i>Dasyprocta mexicana</i>	INCLUDED
<i>Dasypus novemcinctus</i>	INCLUDED
<i>Dasypus pilosus</i>	Not found north of equator
<i>Dasyprocta prymnolopha</i>	Not found north of equator
<i>Dasyprocta punctata</i>	INCLUDED
<i>Dasyprocta ruatanica</i>	Not found north of equator
<i>Dasypus sabanicola</i>	INCLUDED
<i>Dasypus septemcinctus</i>	Not found north of equator
<i>Delomys dorsalis</i>	Not found north of equator
<i>Delomys sublineatus</i>	Not found north of equator
<i>Deltamys kempii</i>	Not found north of equator
<i>Desmodus rotundus</i>	INCLUDED
<i>Diaemus youngi</i>	INCLUDED
<i>Diclidurus albus</i>	INCLUDED
<i>Diclidurus ingens</i>	INCLUDED
<i>Diclidurus isabellus</i>	INCLUDED
<i>Diclidurus scutatus</i>	INCLUDED
<i>Dicrostonyx groenlandicus</i>	INCLUDED
<i>Dicrostonyx hudsonius</i>	INCLUDED
<i>Dicrostonyx nelsoni</i>	INCLUDED
<i>Dicrostonyx nunatakensis</i>	INCLUDED
<i>Dicrostonyx richardsoni</i>	INCLUDED
<i>Dicrostonyx unalascensis</i>	Less than 20 occurrences
<i>Didelphis albiventris</i>	INCLUDED
<i>Didelphis aurita</i>	Not found north of equator
<i>Didelphis imperfecta</i>	INCLUDED
<i>Didelphis marsupialis</i>	INCLUDED
<i>Didelphis pernigra</i>	INCLUDED
<i>Didelphis virginiana</i>	INCLUDED
<i>Dinomys branickii</i>	INCLUDED

<i>Diphylla ecaudata</i>	INCLUDED
<i>Diplomys caniceps</i>	Less than 20 occurrences
<i>Diplomys labilis</i>	Less than 20 occurrences
<i>Diplomys rufodorsalis</i>	Less than 20 occurrences
<i>Dipodomys agilis</i>	Less than 20 occurrences
<i>Dipodomys californicus</i>	INCLUDED
<i>Dipodomys compactus</i>	Less than 20 occurrences
<i>Dipodomys deserti</i>	INCLUDED
<i>Dipodomys elator</i>	Less than 20 occurrences
<i>Dipodomys gravipes</i>	Less than 20 occurrences
<i>Dipodomys heermanni</i>	Less than 20 occurrences
<i>Dipodomys ingens</i>	Less than 20 occurrences
<i>Dipodomys merriami</i>	INCLUDED
<i>Dipodomys microps</i>	INCLUDED
<i>Dipodomys nelsoni</i>	INCLUDED
<i>Dipodomys nitratooides</i>	Less than 20 occurrences
<i>Dipodomys ordii</i>	INCLUDED
<i>Dipodomys panamintinus</i>	Less than 20 occurrences
<i>Dipodomys phillipsii</i>	INCLUDED
<i>Dipodomys simulans</i>	INCLUDED
<i>Dipodomys spectabilis</i>	INCLUDED
<i>Dipodomys stephensi</i>	Less than 20 occurrences
<i>Dipodomys venustus</i>	Less than 20 occurrences
<i>Dolichotis patagonum</i>	Not found north of equator
<i>Dolichotis salinicola</i>	Not found north of equator
<i>Dromiciops gliroides</i>	Not found north of equator
<i>Echimys chrysurus</i>	INCLUDED
<i>Echinoprocta rufescens</i>	Less than 20 occurrences
<i>Echimys saturnus</i>	Not found north of equator
<i>Echimys semivillosus</i>	INCLUDED
<i>Ectophylla alba</i>	INCLUDED
<i>Eira barbara</i>	INCLUDED
<i>Eligmodontia moreni</i>	Not found north of equator
<i>Eligmodontia morgani</i>	Not found north of equator
<i>Eligmodontia puerulus</i>	Not found north of equator
<i>Eligmodontia typus</i>	Not found north of equator
<i>Enchisthenes hartii</i>	INCLUDED
<i>Eptesicus andinus</i>	INCLUDED
<i>Eptesicus brasiliensis</i>	INCLUDED
<i>Eptesicus chiriquinus</i>	INCLUDED
<i>Eptesicus diminutus</i>	Not found north of equator
<i>Eptesicus furinalis</i>	INCLUDED
<i>Eptesicus fuscus</i>	INCLUDED

<i>Eptesicus guadeloupensis</i>	Less than 20 occurrences
<i>Eptesicus innoxius</i>	Not found north of equator
<i>Erethizon dorsatum</i>	INCLUDED
<i>Erophylla bombifrons</i>	Less than 20 occurrences
<i>Erophylla sezekorni</i>	Less than 20 occurrences
<i>Euderma maculatum</i>	INCLUDED
<i>Eumops aripendulus</i>	INCLUDED
<i>Eumops bonariensis</i>	INCLUDED
<i>Eumops dabbenei</i>	INCLUDED
<i>Eumops glaucinus</i>	INCLUDED
<i>Eumops hansae</i>	INCLUDED
<i>Eumops maurus</i>	INCLUDED
<i>Eumops perotis</i>	INCLUDED
<i>Eumops trumbulli</i>	INCLUDED
<i>Eumops underwoodi</i>	INCLUDED
<i>Euneomys chinchilloides</i>	Not found north of equator
<i>Euneomys fossor</i>	Not found north of equator
<i>Euneomys mordax</i>	Not found north of equator
<i>Euneomys petersoni</i>	Not found north of equator
<i>Euphractus sexcinctus</i>	Less than 20 occurrences
<i>Euryzomatomys spinosus</i>	Not found north of equator
<i>Furipterus horrens</i>	INCLUDED
<i>Galea flavidens</i>	Not found north of equator
<i>Galenomys garleppi</i>	Not found north of equator
<i>Galea musteloides</i>	Not found north of equator
<i>Galea spixii</i>	Not found north of equator
<i>Galictis cuja</i>	Not found north of equator
<i>Galictis vittata</i>	INCLUDED
<i>Geocapromys brownii</i>	Less than 20 occurrences
<i>Geocapromys ingrahami</i>	Less than 20 occurrences
<i>Geomys arenarius</i>	INCLUDED
<i>Geomys attwateri</i>	Less than 20 occurrences
<i>Geomys breviceps</i>	INCLUDED
<i>Geomys bursarius</i>	INCLUDED
<i>Geomys knoxjonesi</i>	Less than 20 occurrences
<i>Geomys personatus</i>	INCLUDED
<i>Geomys pinetis</i>	INCLUDED
<i>Geomys streckeri</i>	Less than 20 occurrences
<i>Geomys texensis</i>	Less than 20 occurrences
<i>Geoxus valdivianus</i>	Not found north of equator
<i>Glaucomys sabrinus</i>	INCLUDED
<i>Glaucomys volans</i>	INCLUDED
<i>Glironia venusta</i>	Not found north of equator



<i>Glossophaga commissarisi</i>	INCLUDED
<i>Glossophaga leachii</i>	INCLUDED
<i>Glossophaga longirostris</i>	INCLUDED
<i>Glossophaga morenoi</i>	INCLUDED
<i>Glossophaga soricina</i>	INCLUDED
<i>Glyphonycteris behnii</i>	Not found north of equator
<i>Glyphonycteris daviesi</i>	INCLUDED
<i>Glyphonycteris sylvestris</i>	INCLUDED
<i>Gracilinanus aceramarcae</i>	Not found north of equator
<i>Gracilinanus agilis</i>	Less than 20 occurrences
<i>Gracilinanus dryas</i>	Less than 20 occurrences
<i>Gracilinanus emiliae</i>	Less than 20 occurrences
<i>Gracilinanus marica</i>	INCLUDED
<i>Gracilinanus microtarsus</i>	Not found north of equator
<i>Graomys domorum</i>	Not found north of equator
<i>Graomys edithae</i>	Not found north of equator
<i>Graomys griseoflavus</i>	Not found north of equator
<i>Gulo gulo</i>	INCLUDED
<i>Habromys chinanteco</i>	Less than 20 occurrences
<i>Habromys lepturus</i>	Less than 20 occurrences
<i>Habromys lophurus</i>	Less than 20 occurrences
<i>Habromys simulatus</i>	Less than 20 occurrences
<i>Handleyomys fuscatus</i>	Less than 20 occurrences
<i>Handleyomys intectus</i>	Less than 20 occurrences
<i>Herpestes javanicus</i>	INCLUDED
<i>Heteromys anomalus</i>	INCLUDED
<i>Heteromys australis</i>	INCLUDED
<i>Heteromys desmarestianus</i>	INCLUDED
<i>Heteromys gaumeri</i>	INCLUDED
<i>Heteromys nelsoni</i>	Less than 20 occurrences
<i>Heteromys oasicus</i>	Less than 20 occurrences
<i>Heteromys oresterus</i>	Less than 20 occurrences
<i>Heteromys teleus</i>	Not found north of equator
<i>Hippocamelus antisensis</i>	Not found north of equator
<i>Hippocamelus bisulcus</i>	Not found north of equator
<i>Histiotus alienus</i>	Not found north of equator
<i>Histiotus humboldti</i>	INCLUDED
<i>Histiotus macrotus</i>	Not found north of equator
<i>Histiotus montanus</i>	INCLUDED
<i>Histiotus velatus</i>	Not found north of equator
<i>Hodomys alleni</i>	INCLUDED
<i>Holochilus brasiliensis</i>	Not found north of equator
<i>Holochilus chacarius</i>	Not found north of equator

<i>Holochilus sciureus</i>	INCLUDED
<i>Hoplomys gymnurus</i>	Less than 20 occurrences
<i>Hydrochoerus hydrochaeris</i>	INCLUDED
<i>Hyladelphys kalinowskii</i>	Less than 20 occurrences
<i>Hylonycteris underwoodi</i>	INCLUDED
<i>Ichthyomys hydrobates</i>	INCLUDED
<i>Ichthyomys pittieri</i>	Less than 20 occurrences
<i>Ichthyomys stolzmanni</i>	Not found north of equator
<i>Ichthyomys tweedii</i>	Less than 20 occurrences
<i>Idionycteris phyllotis</i>	INCLUDED
<i>Irenomys tarsalis</i>	Not found north of equator
<i>Isolobodon montanus</i>	Less than 20 occurrences
<i>Isolobodon portoricensis</i>	Less than 20 occurrences
<i>Isothrix bistrata</i>	Less than 20 occurrences
<i>Isothrix negrensis</i>	Not found north of equator
<i>Isothrix pagurus</i>	Not found north of equator
<i>Isothrix sinnamariensis</i>	Less than 20 occurrences
<i>Isthmomys flavidus</i>	Less than 20 occurrences
<i>Isthmomys pirrensis</i>	Less than 20 occurrences
<i>Juliomys pictipes</i>	Not found north of equator
<i>Juliomys rimofrons</i>	Not found north of equator
<i>Juscelinomys guaporensis</i>	Not found north of equator
<i>Juscelinomys huanchacae</i>	Not found north of equator
<i>Kannabateomys amblyonyx</i>	Not found north of equator
<i>Kerodon acrobata</i>	Not found north of equator
<i>Kerodon rupestris</i>	Not found north of equator
<i>Kunsia fronto</i>	Not found north of equator
<i>Kunsia tomentosus</i>	Not found north of equator
<i>Lagidium peruanum</i>	Not found north of equator
<i>Lagidium viscacia</i>	Not found north of equator
<i>Lagidium wolffsohni</i>	Not found north of equator
<i>Lagothrix cana</i>	Not found north of equator
<i>Lagothrix lagothricha</i>	Less than 20 occurrences
<i>Lagothrix lugens</i>	INCLUDED
<i>Lagostomus maximus</i>	Not found north of equator
<i>Lagothrix poeppigii</i>	Not found north of equator
<i>Lama lama</i>	Not found north of equator
<i>Lamproncycteris brachyotis</i>	INCLUDED
<i>Lasiurus blossevillii</i>	INCLUDED
<i>Lasiurus borealis</i>	INCLUDED
<i>Lasiurus castaneus</i>	INCLUDED
<i>Lasiurus cinereus</i>	INCLUDED
<i>Lasiurus degelidus</i>	Less than 20 occurrences

<i>Lasiurus ebeus</i>	Not found north of equator
<i>Lasiurus egregius</i>	INCLUDED
<i>Lasiurus insularis</i>	Less than 20 occurrences
<i>Lasiurus intermedius</i>	INCLUDED
<i>Lasiurus minor</i>	Less than 20 occurrences
<i>Lasionycteris noctivagans</i>	INCLUDED
<i>Lasiurus pfeifferi</i>	Less than 20 occurrences
<i>Lasiurus seminolus</i>	INCLUDED
<i>Lasiurus varius</i>	Not found north of equator
<i>Lasiurus xanthinus</i>	INCLUDED
<i>Lemmiscus curtatus</i>	INCLUDED
<i>Lemmus trimucronatus</i>	INCLUDED
<i>Lenoxus apicalis</i>	Not found north of equator
<i>Leontopithecus caissara</i>	Not found north of equator
<i>Leontopithecus chrysomelas</i>	Not found north of equator
<i>Leontopithecus chrysopygus</i>	Not found north of equator
<i>Leontopithecus rosalia</i>	Not found north of equator
<i>Leopardus braccatus</i>	Not found north of equator
<i>Leopardus colocolo</i>	Not found north of equator
<i>Leopardus geoffroyi</i>	Not found north of equator
<i>Leopardus guigna</i>	Not found north of equator
<i>Leopardus jacobitus</i>	Not found north of equator
<i>Leopardus pajeros</i>	Not found north of equator
<i>Leopardus pardalis</i>	INCLUDED
<i>Leopardus tigrinus</i>	INCLUDED
<i>Leopardus wiedii</i>	INCLUDED
<i>Leptonycteris curasoae</i>	INCLUDED
<i>Leptonycteris nivalis</i>	INCLUDED
<i>Leptonycteris yerbabuenae</i>	INCLUDED
<i>Lepus alleni</i>	INCLUDED
<i>Lepus americanus</i>	INCLUDED
<i>Lepus arcticus</i>	INCLUDED
<i>Lepus californicus</i>	INCLUDED
<i>Lepus callotis</i>	INCLUDED
<i>Lepus flavigularis</i>	Less than 20 occurrences
<i>Lepus insularis</i>	Less than 20 occurrences
<i>Lepus othus</i>	INCLUDED
<i>Lepus townsendii</i>	INCLUDED
<i>Lestodelphys halli</i>	Not found north of equator
<i>Lestoros inca</i>	Not found north of equator
<i>Lichonycteris obscura</i>	INCLUDED
<i>Liomys adspersus</i>	Less than 20 occurrences
<i>Liomys irroratus</i>	INCLUDED

<i>Liomys pictus</i>	INCLUDED
<i>Liomys salvini</i>	INCLUDED
<i>Liomys spectabilis</i>	Less than 20 occurrences
<i>Lionycteris spurrelli</i>	INCLUDED
<i>Lonchorhina aurita</i>	INCLUDED
<i>Lonchophylla bokermanni</i>	Not found north of equator
<i>Lonchophylla chocoana</i>	Not found north of equator
<i>Lonchophylla dekeyseri</i>	Not found north of equator
<i>Lonchothrix emiliae</i>	Not found north of equator
<i>Lonchorhina fernandezi</i>	Less than 20 occurrences
<i>Lonchophylla handleyi</i>	INCLUDED
<i>Lonchophylla hesperia</i>	Not found north of equator
<i>Lonchorhina inusitata</i>	INCLUDED
<i>Lonchorhina marinkellei</i>	Not found north of equator
<i>Lonchophylla mordax</i>	INCLUDED
<i>Lonchorhina orinocensis</i>	INCLUDED
<i>Lonchophylla robusta</i>	INCLUDED
<i>Lonchophylla thomasi</i>	INCLUDED
<i>Lontra canadensis</i>	INCLUDED
<i>Lontra felina</i>	Not found north of equator
<i>Lontra longicaudis</i>	INCLUDED
<i>Lontra provocax</i>	Not found north of equator
<i>Lophostoma brasiliense</i>	INCLUDED
<i>Lophostoma carrikeri</i>	INCLUDED
<i>Lophostoma evotis</i>	INCLUDED
<i>Lophostoma schulzi</i>	Less than 20 occurrences
<i>Lophostoma silvicolum</i>	INCLUDED
<i>Loxodontomys micropus</i>	Not found north of equator
<i>Loxodontomys pikumche</i>	Not found north of equator
<i>Lundomys molitor</i>	Not found north of equator
<i>Lutreolina crassicaudata</i>	INCLUDED
<i>Lycalopex culpaeus</i>	Less than 20 occurrences
<i>Lycalopex fulvipes</i>	Not found north of equator
<i>Lycalopex griseus</i>	Not found north of equator
<i>Lycalopex gymnocercus</i>	Not found north of equator
<i>Lycalopex sechurae</i>	Not found north of equator
<i>Lycalopex vetulus</i>	Not found north of equator
<i>Lyncodon patagonicus</i>	Not found north of equator
<i>Lynx canadensis</i>	INCLUDED
<i>Lynx rufus</i>	INCLUDED
<i>Macrotus californicus</i>	INCLUDED
<i>Macrophyllum macrophyllum</i>	INCLUDED
<i>Macrotus waterhousii</i>	INCLUDED

<i>Makalata didelphoides</i>	INCLUDED
<i>Makalata grandis</i>	Not found north of equator
<i>Makalata macrura</i>	Not found north of equator
<i>Makalata occasius</i>	Not found north of equator
<i>Makalata rhipidura</i>	Not found north of equator
<i>Marmosa andersoni</i>	Not found north of equator
<i>Marmosops bishopi</i>	Not found north of equator
<i>Marmota broweri</i>	INCLUDED
<i>Marmota caligata</i>	INCLUDED
<i>Marmosops cracens</i>	Less than 20 occurrences
<i>Marmosops creightoni</i>	Not found north of equator
<i>Marmota flaviventris</i>	INCLUDED
<i>Marmosops fuscatus</i>	INCLUDED
<i>Marmosops impavidus</i>	Less than 20 occurrences
<i>Marmosops incanus</i>	Not found north of equator
<i>Marmosops invictus</i>	Less than 20 occurrences
<i>Marmosops juninensis</i>	Not found north of equator
<i>Marmosa lepida</i>	INCLUDED
<i>Marmosa mexicana</i>	INCLUDED
<i>Marmota monax</i>	INCLUDED
<i>Marmosa murina</i>	INCLUDED
<i>Marmosops neblina</i>	Not found north of equator
<i>Marmosops noctivagus</i>	Not found north of equator
<i>Marmosops ocellatus</i>	Not found north of equator
<i>Marmota olympus</i>	Less than 20 occurrences
<i>Marmosops parvidens</i>	INCLUDED
<i>Marmosops paulensis</i>	Not found north of equator
<i>Marmosops pinheiroi</i>	INCLUDED
<i>Marmosa robinsoni</i>	INCLUDED
<i>Marmosa rubra</i>	Not found north of equator
<i>Marmosa tyleriana</i>	Less than 20 occurrences
<i>Marmota vancouverensis</i>	Less than 20 occurrences
<i>Marmosa xerophila</i>	Less than 20 occurrences
<i>Martes americana</i>	INCLUDED
<i>Martes pennanti</i>	INCLUDED
<i>Mazama americana</i>	INCLUDED
<i>Mazama bricenii</i>	Less than 20 occurrences
<i>Mazama chunyi</i>	Not found north of equator
<i>Mazama gouazoubira</i>	INCLUDED
<i>Mazama nana</i>	Not found north of equator
<i>Mazama pandora</i>	Less than 20 occurrences
<i>Mazama rufina</i>	Not found north of equator
<i>Megadontomys cryophilus</i>	Less than 20 occurrences

<i>Megasorex gigas</i>	INCLUDED
<i>Megadontomys nelsoni</i>	Less than 20 occurrences
<i>Megadontomys thomasi</i>	Less than 20 occurrences
<i>Melanomys caliginosus</i>	INCLUDED
<i>Melanomys robustulus</i>	Not found north of equator
<i>Melanomys zunigae</i>	Not found north of equator
<i>Mephitis macroura</i>	INCLUDED
<i>Mephitis mephitis</i>	INCLUDED
<i>Mesocapromys auritus</i>	Less than 20 occurrences
<i>Mesomys hispidus</i>	INCLUDED
<i>Mesomys leniceps</i>	Not found north of equator
<i>Mesophylla macconnelli</i>	INCLUDED
<i>Mesocapromys melanurus</i>	Less than 20 occurrences
<i>Mesocapromys nanus</i>	Less than 20 occurrences
<i>Mesomys stimulax</i>	Less than 20 occurrences
<i>Metachirus nudicaudatus</i>	INCLUDED
<i>Micoureus alstoni</i>	INCLUDED
<i>Micoureus constantiae</i>	Not found north of equator
<i>Micoureus demerarae</i>	INCLUDED
<i>Micoureus paraguayanus</i>	Not found north of equator
<i>Micoureus regina</i>	Less than 20 occurrences
<i>Microsciurus alfari</i>	INCLUDED
<i>Microryzomys altissimus</i>	Less than 20 occurrences
<i>Microcavia australis</i>	Not found north of equator
<i>Micronycteris brosetti</i>	Not found north of equator
<i>Microtus californicus</i>	INCLUDED
<i>Microtus canicaudus</i>	Less than 20 occurrences
<i>Microtus chrotorrhinus</i>	INCLUDED
<i>Microsciurus flaviventer</i>	INCLUDED
<i>Microtus guatemalensis</i>	Less than 20 occurrences
<i>Micronycteris hirsuta</i>	INCLUDED
<i>Micronycteris homezi</i>	Less than 20 occurrences
<i>Microtus longicaudus</i>	INCLUDED
<i>Microdipodops megacephalus</i>	INCLUDED
<i>Microtus mexicanus</i>	INCLUDED
<i>Micronycteris microtis</i>	INCLUDED
<i>Microsciurus mimulus</i>	INCLUDED
<i>Microryzomys minutus</i>	INCLUDED
<i>Microtus miurus</i>	INCLUDED
<i>Microtus mogollonensis</i>	INCLUDED
<i>Microtus montanus</i>	INCLUDED
<i>Microcavia niata</i>	Not found north of equator
<i>Microtus oaxacensis</i>	Less than 20 occurrences

<i>Microtus ochrogaster</i>	INCLUDED
<i>Microtus oeconomus</i>	INCLUDED
<i>Microtus oregoni</i>	INCLUDED
<i>Microdipodops pallidus</i>	Less than 20 occurrences
<i>Microtus pennsylvanicus</i>	INCLUDED
<i>Microtus pinetorum</i>	INCLUDED
<i>Microtus quasiater</i>	Less than 20 occurrences
<i>Microtus richardsoni</i>	INCLUDED
<i>Micronycteris sanborni</i>	Not found north of equator
<i>Microsciurus santanderensis</i>	INCLUDED
<i>Micronycteris schmidtorum</i>	INCLUDED
<i>Microcavia shiptoni</i>	Not found north of equator
<i>Microtus townsendii</i>	INCLUDED
<i>Microakodontomys transitorius</i>	Not found north of equator
<i>Microtus umbrosus</i>	Less than 20 occurrences
<i>Microtus xanthognathus</i>	INCLUDED
<i>Mimon bennettii</i>	INCLUDED
<i>Mimon cozumelae</i>	INCLUDED
<i>Mimon crenulatum</i>	INCLUDED
<i>Mimon koepckeae</i>	Not found north of equator
<i>Molossops aequatorianus</i>	Not found north of equator
<i>Molossus barnesi</i>	Less than 20 occurrences
<i>Molossus coibensis</i>	INCLUDED
<i>Molossus currentium</i>	INCLUDED
<i>Molossops mattogrossensis</i>	INCLUDED
<i>Molossus molossus</i>	INCLUDED
<i>Molossus pretiosus</i>	INCLUDED
<i>Molossus rufus</i>	INCLUDED
<i>Molossus sinaloae</i>	INCLUDED
<i>Molossops temminckii</i>	INCLUDED
<i>Monodelphis adusta</i>	Less than 20 occurrences
<i>Monodelphis americana</i>	Not found north of equator
<i>Monodelphis brevicaudata</i>	INCLUDED
<i>Monodelphis dimidiata</i>	Not found north of equator
<i>Monodelphis domestica</i>	Not found north of equator
<i>Monodelphis emiliae</i>	Not found north of equator
<i>Monodelphis iheringi</i>	Not found north of equator
<i>Monodelphis kunsi</i>	Not found north of equator
<i>Monodelphis marxina</i>	Not found north of equator
<i>Monodelphis osgoodi</i>	Not found north of equator
<i>Monophyllus plethodon</i>	Less than 20 occurrences
<i>Monophyllus redmani</i>	INCLUDED
<i>Monodelphis rubida</i>	Not found north of equator

<i>Monodelphis scalops</i>	Not found north of equator
<i>Monodelphis sorex</i>	Not found north of equator
<i>Monodelphis theresa</i>	Not found north of equator
<i>Monodelphis unistriata</i>	Not found north of equator
<i>Mormoops blainvillii</i>	INCLUDED
<i>Mormopterus kalinowskii</i>	Not found north of equator
<i>Mormoops megalophylla</i>	INCLUDED
<i>Mormopterus minutus</i>	Less than 20 occurrences
<i>Mormopterus phrudus</i>	Not found north of equator
<i>Musonycteris harrisoni</i>	Less than 20 occurrences
<i>Mustela africana</i>	Less than 20 occurrences
<i>Mustela erminea</i>	INCLUDED
<i>Mustela felipei</i>	Less than 20 occurrences
<i>Mustela frenata</i>	INCLUDED
<i>Mustela nigripes</i>	INCLUDED
<i>Mustela nivalis</i>	INCLUDED
<i>Myocastor coypus</i>	INCLUDED
<i>Myodes californicus</i>	INCLUDED
<i>Myodes gapperi</i>	INCLUDED
<i>Myodes rutilus</i>	INCLUDED
<i>Myoprocta acouchy</i>	INCLUDED
<i>Myoprocta pratti</i>	Less than 20 occurrences
<i>Myotis aelleni</i>	Not found north of equator
<i>Myotis albescens</i>	INCLUDED
<i>Myotis atacamensis</i>	Not found north of equator
<i>Myotis auriculus</i>	INCLUDED
<i>Myotis austroriparius</i>	INCLUDED
<i>Myotis californicus</i>	INCLUDED
<i>Myotis chiloensis</i>	Not found north of equator
<i>Myotis ciliolabrum</i>	INCLUDED
<i>Myotis dominicensis</i>	Not found north of equator
<i>Myotis elegans</i>	INCLUDED
<i>Myotis evotis</i>	INCLUDED
<i>Myotis findleyi</i>	Not found north of equator
<i>Myotis fortidens</i>	INCLUDED
<i>Myotis grisescens</i>	INCLUDED
<i>Myotis keaysi</i>	INCLUDED
<i>Myotis keenii</i>	INCLUDED
<i>Myotis leibii</i>	INCLUDED
<i>Myotis levis</i>	Not found north of equator
<i>Myotis lucifugus</i>	INCLUDED
<i>Myotis martiniquensis</i>	Not found north of equator
<i>Myotis nesopolus</i>	Less than 20 occurrences



<i>Myotis nigricans</i>	INCLUDED
<i>Myotis occultus</i>	INCLUDED
<i>Myotis oxyotus</i>	INCLUDED
<i>Myotis peninsularis</i>	Less than 20 occurrences
<i>Myotis planiceps</i>	Less than 20 occurrences
<i>Myotis riparius</i>	INCLUDED
<i>Myotis ruber</i>	Not found north of equator
<i>Myotis septentrionalis</i>	INCLUDED
<i>Myotis simus</i>	Less than 20 occurrences
<i>Myotis sodalis</i>	INCLUDED
<i>Myotis thysanodes</i>	INCLUDED
<i>Myotis velifer</i>	INCLUDED
<i>Myotis vivesi</i>	INCLUDED
<i>Myotis volans</i>	INCLUDED
<i>Myotis yumanensis</i>	INCLUDED
<i>Myrmecophaga tridactyla</i>	INCLUDED
<i>Mysateles meridionalis</i>	Not found north of equator
<i>Mysateles prehensilis</i>	Less than 20 occurrences
<i>Napaeozapus insignis</i>	INCLUDED
<i>Nasua narica</i>	INCLUDED
<i>Nasua nasua</i>	INCLUDED
<i>Nasuella olivacea</i>	INCLUDED
<i>Natalus jamaicensis</i>	Less than 20 occurrences
<i>Natalus major</i>	Less than 20 occurrences
<i>Natalus primus</i>	Less than 20 occurrences
<i>Natalus stramineus</i>	INCLUDED
<i>Neacomys dubosti</i>	Less than 20 occurrences
<i>Neacomys guianae</i>	INCLUDED
<i>Neacomys minutus</i>	Not found north of equator
<i>Neacomys musseri</i>	Not found north of equator
<i>Neacomys paracou</i>	INCLUDED
<i>Neacomys pictus</i>	Less than 20 occurrences
<i>Neacomys spinosus</i>	Less than 20 occurrences
<i>Neacomys tenuipes</i>	INCLUDED
<i>Necromys amoenus</i>	Not found north of equator
<i>Necromys lactens</i>	Not found north of equator
<i>Necromys lasiurus</i>	Not found north of equator
<i>Necromys lenguarum</i>	Not found north of equator
<i>Necromys obscurus</i>	Not found north of equator
<i>Necromys punctulatus</i>	Not found north of equator
<i>Necromys temchuki</i>	Not found north of equator
<i>Necromys urichi</i>	INCLUDED
<i>Nectomys apicalis</i>	Not found north of equator

<i>Nectomys magdalenae</i>	Less than 20 occurrences
<i>Nectomys palmipes</i>	INCLUDED
<i>Nectomys rattus</i>	INCLUDED
<i>Nectomys squamipes</i>	Not found north of equator
<i>Nelsonia goldmani</i>	Less than 20 occurrences
<i>Nelsonia neotomodon</i>	Less than 20 occurrences
<i>Neofiber alleni</i>	Less than 20 occurrences
<i>Neonycteris pusilla</i>	Not found north of equator
<i>Neotoma albigula</i>	INCLUDED
<i>Neotamias alpinus</i>	Less than 20 occurrences
<i>Neotomodon alstoni</i>	Less than 20 occurrences
<i>Neotamias amoenus</i>	INCLUDED
<i>Neotoma angustapalata</i>	Less than 20 occurrences
<i>Neotoma bryanti</i>	Not found north of equator
<i>Neotamias bulleri</i>	Less than 20 occurrences
<i>Neotamias canipes</i>	Less than 20 occurrences
<i>Neotoma chrysomelas</i>	Less than 20 occurrences
<i>Neotoma cinerea</i>	INCLUDED
<i>Neotoma devia</i>	Less than 20 occurrences
<i>Neotamias dorsalis</i>	INCLUDED
<i>Neotamias durangae</i>	Less than 20 occurrences
<i>Neotomys ebriosus</i>	Not found north of equator
<i>Neotoma floridana</i>	INCLUDED
<i>Neotoma fuscipes</i>	INCLUDED
<i>Neotoma goldmani</i>	INCLUDED
<i>Neotoma lepida</i>	INCLUDED
<i>Neotoma leucodon</i>	INCLUDED
<i>Neotoma macrotis</i>	INCLUDED
<i>Neotoma magister</i>	INCLUDED
<i>Neotamias merriami</i>	INCLUDED
<i>Neotoma mexicana</i>	INCLUDED
<i>Neotoma micropus</i>	INCLUDED
<i>Neotamias minimus</i>	INCLUDED
<i>Neotoma nelsoni</i>	Less than 20 occurrences
<i>Neotamias obscurus</i>	Less than 20 occurrences
<i>Neotamias ochrogenys</i>	Less than 20 occurrences
<i>Neotoma palatina</i>	Less than 20 occurrences
<i>Neotamias palmeri</i>	Less than 20 occurrences
<i>Neotamias panamintinus</i>	Less than 20 occurrences
<i>Neotoma phenax</i>	Less than 20 occurrences
<i>Neotamias quadrimaculatus</i>	Less than 20 occurrences
<i>Neotamias quadrivittatus</i>	INCLUDED
<i>Neotamias ruficaudus</i>	INCLUDED

<i>Neotamias rufus</i>	INCLUDED
<i>Neotamias senex</i>	INCLUDED
<i>Neotamias siskiyou</i>	Less than 20 occurrences
<i>Neotamias sonomae</i>	Less than 20 occurrences
<i>Neotamias speciosus</i>	INCLUDED
<i>Neotoma stephensi</i>	INCLUDED
<i>Neotamias townsendii</i>	INCLUDED
<i>Neotamias umbrinus</i>	INCLUDED
<i>Neovison vison</i>	INCLUDED
<i>Nesoryzomys darwini</i>	Not found north of equator
<i>Nesoryzomys fernandinae</i>	Not found north of equator
<i>Nesoryzomys indefessus</i>	Not found north of equator
<i>Nesoryzomys swarthi</i>	Not found north of equator
<i>Neurotrichus gibbsii</i>	INCLUDED
<i>Neusticomys monticolus</i>	Less than 20 occurrences
<i>Neusticomys mussoi</i>	Less than 20 occurrences
<i>Neusticomys oyapocki</i>	Less than 20 occurrences
<i>Neusticomys peruviansis</i>	Not found north of equator
<i>Neusticomys venezuelae</i>	INCLUDED
<i>Noctilio albiventris</i>	INCLUDED
<i>Noctilio leporinus</i>	INCLUDED
<i>Notiosorex crawfordi</i>	INCLUDED
<i>Notiomys edwardsii</i>	Not found north of equator
<i>Notiosorex evotis</i>	INCLUDED
<i>Notiosorex villai</i>	Less than 20 occurrences
<i>Nyctinomops aurispinosus</i>	INCLUDED
<i>Nyctinomops femorosaccus</i>	INCLUDED
<i>Nycticeius humeralis</i>	INCLUDED
<i>Nyctinomops laticaudatus</i>	INCLUDED
<i>Nyctiellus lepidus</i>	Less than 20 occurrences
<i>Nyctinomops macrotis</i>	INCLUDED
<i>Nyctomys sumichrasti</i>	INCLUDED
<i>Ochotona collaris</i>	INCLUDED
<i>Ochotona princeps</i>	INCLUDED
<i>Ochrotomys nuttalli</i>	INCLUDED
<i>Octodon bridgesi</i>	Not found north of equator
<i>Octodon degus</i>	Not found north of equator
<i>Octodontomys gliroides</i>	Not found north of equator
<i>Octodon lunatus</i>	Not found north of equator
<i>Octomys mimax</i>	Not found north of equator
<i>Odocoileus hemionus</i>	INCLUDED
<i>Odocoileus virginianus</i>	INCLUDED
<i>Oecomys auyantepui</i>	INCLUDED

<i>Oecomys bicolor</i>	INCLUDED
<i>Oecomys cleberi</i>	Not found north of equator
<i>Oecomys concolor</i>	INCLUDED
<i>Oecomys flavicans</i>	INCLUDED
<i>Oecomys mamorae</i>	Not found north of equator
<i>Oecomys paricola</i>	Not found north of equator
<i>Oecomys phaeotis</i>	Not found north of equator
<i>Oecomys rex</i>	INCLUDED
<i>Oecomys roberti</i>	INCLUDED
<i>Oecomys rutilus</i>	INCLUDED
<i>Oecomys speciosus</i>	INCLUDED
<i>Oecomys superans</i>	Less than 20 occurrences
<i>Oecomys trinitatis</i>	INCLUDED
<i>Olallamys albicauda</i>	Less than 20 occurrences
<i>Olallamys edax</i>	Less than 20 occurrences
<i>Oligoryzomys andinus</i>	Not found north of equator
<i>Oligoryzomys arenalis</i>	Not found north of equator
<i>Oligoryzomys chacoensis</i>	Not found north of equator
<i>Oligoryzomys delticola</i>	Not found north of equator
<i>Oligoryzomys destructor</i>	Less than 20 occurrences
<i>Oligoryzomys eliurus</i>	Not found north of equator
<i>Oligoryzomys flavescens</i>	Not found north of equator
<i>Oligoryzomys fulvescens</i>	INCLUDED
<i>Oligoryzomys griseolus</i>	Less than 20 occurrences
<i>Oligoryzomys longicaudatus</i>	Not found north of equator
<i>Oligoryzomys magellanicus</i>	Not found north of equator
<i>Oligoryzomys microtis</i>	Not found north of equator
<i>Oligoryzomys nigripes</i>	Not found north of equator
<i>Oligoryzomys stramineus</i>	Not found north of equator
<i>Oligoryzomys vegetus</i>	Less than 20 occurrences
<i>Oligoryzomys victus</i>	Not found north of equator
<i>Ondatra zibethicus</i>	INCLUDED
<i>Onychomys arenicola</i>	INCLUDED
<i>Onychomys leucogaster</i>	INCLUDED
<i>Onychomys torridus</i>	INCLUDED
<i>Oreamnos americanus</i>	INCLUDED
<i>Oreonax flavicauda</i>	Not found north of equator
<i>Orthogeomys cavator</i>	Less than 20 occurrences
<i>Orthogeomys cherriei</i>	Less than 20 occurrences
<i>Orthogeomys cuniculus</i>	Less than 20 occurrences
<i>Orthogeomys dariensis</i>	Less than 20 occurrences
<i>Orthogeomys grandis</i>	INCLUDED
<i>Orthogeomys heterodus</i>	Less than 20 occurrences

<i>Orthogeomys hispidus</i>	INCLUDED
<i>Orthogeomys lanius</i>	Less than 20 occurrences
<i>Orthogeomys matagalpae</i>	Less than 20 occurrences
<i>Orthogeomys thaeleri</i>	Less than 20 occurrences
<i>Orthogeomys underwoodi</i>	Less than 20 occurrences
<i>Oryzomys albigularis</i>	INCLUDED
<i>Oryzomys alfaroi</i>	INCLUDED
<i>Oryzomys angouya</i>	Not found north of equator
<i>Oryzomys auriventer</i>	Not found north of equator
<i>Oryzomys balneator</i>	Not found north of equator
<i>Oryzomys bolivaris</i>	INCLUDED
<i>Oryzomys chapmani</i>	INCLUDED
<i>Oryzomys couesi</i>	INCLUDED
<i>Oryzomys devius</i>	Less than 20 occurrences
<i>Oryzomys dimidiatus</i>	Less than 20 occurrences
<i>Oryzomys emmonsae</i>	Not found north of equator
<i>Oryzomys galapagoensis</i>	Not found north of equator
<i>Oryzomys gorgasi</i>	Less than 20 occurrences
<i>Oryzomys hammondi</i>	Not found north of equator
<i>Oryzomys keaysi</i>	Not found north of equator
<i>Oryzomys laticeps</i>	Not found north of equator
<i>Oryzomys levipes</i>	Not found north of equator
<i>Oryzomys macconnelli</i>	INCLUDED
<i>Oryzomys megacephalus</i>	Less than 20 occurrences
<i>Oryzomys melanotis</i>	INCLUDED
<i>Oryzomys nelsoni</i>	Not found north of equator
<i>Oryzomys nitidus</i>	Not found north of equator
<i>Oryzomys palustris</i>	INCLUDED
<i>Oryzomys perenensis</i>	Not found north of equator
<i>Oryzomys polius</i>	Not found north of equator
<i>Oryzomys rhabdops</i>	Less than 20 occurrences
<i>Oryzomys rostratus</i>	INCLUDED
<i>Oryzomys russatus</i>	Not found north of equator
<i>Oryzomys saturatior</i>	INCLUDED
<i>Oryzomys seuanezi</i>	Not found north of equator
<i>Oryzomys subflavus</i>	Not found north of equator
<i>Oryzomys talamancae</i>	INCLUDED
<i>Oryzomys tatei</i>	Not found north of equator
<i>Oryzomys xantheolus</i>	Not found north of equator
<i>Oryzomys yunganus</i>	INCLUDED
<i>Osgoodomys banderanus</i>	INCLUDED
<i>Otonyctomys hatti</i>	Less than 20 occurrences
<i>Ototylomys phyllotis</i>	INCLUDED

<i>Ovibos moschatus</i>	INCLUDED
<i>Ovis canadensis</i>	INCLUDED
<i>Ovis dalli</i>	INCLUDED
<i>Oxymycterus akodontius</i>	Not found north of equator
<i>Oxymycterus amazonicus</i>	Not found north of equator
<i>Oxymycterus angularis</i>	Not found north of equator
<i>Oxymycterus caparae</i>	Not found north of equator
<i>Oxymycterus hiska</i>	Not found north of equator
<i>Oxymycterus hispidus</i>	Not found north of equator
<i>Oxymycterus hucucha</i>	Not found north of equator
<i>Oxymycterus inca</i>	Not found north of equator
<i>Oxymycterus josei</i>	Not found north of equator
<i>Oxymycterus nasutus</i>	Not found north of equator
<i>Oxymycterus paramensis</i>	Not found north of equator
<i>Oxymycterus roberti</i>	Not found north of equator
<i>Oxymycterus rufus</i>	Not found north of equator
<i>Ozotoceros bezoarticus</i>	Not found north of equator
<i>Panthera onca</i>	INCLUDED
<i>Pappogeomys alcorni</i>	Less than 20 occurrences
<i>Pappogeomys bulleri</i>	Less than 20 occurrences
<i>Parascalops breweri</i>	INCLUDED
<i>Paralomys gerbillus</i>	Not found north of equator
<i>Pearsonomys annectens</i>	Not found north of equator
<i>Pecari tajacu</i>	INCLUDED
<i>Perimyotis subflavus</i>	INCLUDED
<i>Perognathus alticolus</i>	Less than 20 occurrences
<i>Perognathus amplus</i>	INCLUDED
<i>Peromyscus attwateri</i>	INCLUDED
<i>Peromyscus aztecus</i>	Less than 20 occurrences
<i>Peromyscus beatae</i>	INCLUDED
<i>Peromyscus boylii</i>	INCLUDED
<i>Peromyscus bullatus</i>	Less than 20 occurrences
<i>Peromyscus californicus</i>	INCLUDED
<i>Peromyscus crinitus</i>	INCLUDED
<i>Peromyscus difficilis</i>	INCLUDED
<i>Peromyscus eremicus</i>	INCLUDED
<i>Peromyscus eva</i>	Less than 20 occurrences
<i>Perognathus fasciatus</i>	INCLUDED
<i>Perognathus flavescens</i>	INCLUDED
<i>Perognathus flavus</i>	INCLUDED
<i>Peromyscus fraterculus</i>	INCLUDED
<i>Peromyscus furvus</i>	Less than 20 occurrences
<i>Peromyscus gossypinus</i>	INCLUDED

<i>Peromyscus grandis</i>	Less than 20 occurrences
<i>Peromyscus gratus</i>	INCLUDED
<i>Peromyscus guardia</i>	Less than 20 occurrences
<i>Peromyscus guatemalensis</i>	Less than 20 occurrences
<i>Peromyscus gymnotis</i>	Less than 20 occurrences
<i>Peromyscus hooperi</i>	Less than 20 occurrences
<i>Perognathus inornatus</i>	Less than 20 occurrences
<i>Peropteryx kappleri</i>	INCLUDED
<i>Peromyscus keeni</i>	INCLUDED
<i>Peromyscus leucopus</i>	INCLUDED
<i>Peromyscus levipes</i>	INCLUDED
<i>Perognathus longimembris</i>	INCLUDED
<i>Peropteryx macrotis</i>	INCLUDED
<i>Peromyscus madrensis</i>	Not found north of equator
<i>Peromyscus maniculatus</i>	INCLUDED
<i>Peromyscus mayensis</i>	Less than 20 occurrences
<i>Peromyscus megalops</i>	Less than 20 occurrences
<i>Peromyscus mekisturus</i>	Less than 20 occurrences
<i>Peromyscus melanocarpus</i>	Less than 20 occurrences
<i>Peromyscus melanophrys</i>	INCLUDED
<i>Peromyscus melanotis</i>	INCLUDED
<i>Peromyscus melanurus</i>	Less than 20 occurrences
<i>Peromyscus merriami</i>	INCLUDED
<i>Peromyscus mexicanus</i>	INCLUDED
<i>Peromyscus nasutus</i>	INCLUDED
<i>Peromyscus ochraventer</i>	Less than 20 occurrences
<i>Perognathus parvus</i>	INCLUDED
<i>Peromyscus pectoralis</i>	INCLUDED
<i>Peromyscus perfulvus</i>	Less than 20 occurrences
<i>Peromyscus polionotus</i>	INCLUDED
<i>Peromyscus polius</i>	Less than 20 occurrences
<i>Peromyscus sagax</i>	Less than 20 occurrences
<i>Peromyscus schmidlyi</i>	Less than 20 occurrences
<i>Peromyscus simulus</i>	Less than 20 occurrences
<i>Peromyscus spicilegus</i>	INCLUDED
<i>Peromyscus stirtoni</i>	Less than 20 occurrences
<i>Peromyscus truei</i>	INCLUDED
<i>Peromyscus winkelmanni</i>	Less than 20 occurrences
<i>Peromyscus yucatanicus</i>	Less than 20 occurrences
<i>Peromyscus zarhynchus</i>	Less than 20 occurrences
<i>Phaenomys ferrugineus</i>	Not found north of equator
<i>Phenacomys intermedius</i>	INCLUDED
<i>Phenacomys ungava</i>	INCLUDED

<i>Philander andersoni</i>	Less than 20 occurrences
<i>Philander frenatus</i>	Not found north of equator
<i>Philander mcilhennyi</i>	Not found north of equator
<i>Philander opossum</i>	INCLUDED
<i>Phyllotis amicus</i>	Not found north of equator
<i>Phyllotis andium</i>	Not found north of equator
<i>Phyllonycteris aphylla</i>	Less than 20 occurrences
<i>Phyllomys blainvillii</i>	Not found north of equator
<i>Phyllotis bonariensis</i>	Not found north of equator
<i>Phyllomys brasiliensis</i>	Not found north of equator
<i>Phyllotis caprinus</i>	Not found north of equator
<i>Phyllotis darwini</i>	Not found north of equator
<i>Phyllomys dasythrix</i>	Not found north of equator
<i>Phyllotis definitus</i>	Not found north of equator
<i>Phyllostomus discolor</i>	INCLUDED
<i>Phyllostomus elongatus</i>	INCLUDED
<i>Phyllops falcatus</i>	INCLUDED
<i>Phyllotis haggardi</i>	Not found north of equator
<i>Phyllostomus hastatus</i>	INCLUDED
<i>Phyllomys kerri</i>	Not found north of equator
<i>Phyllomys lamarum</i>	Not found north of equator
<i>Phyllostomus latifolius</i>	INCLUDED
<i>Phyllotis limatus</i>	Not found north of equator
<i>Phyllomys lundi</i>	Not found north of equator
<i>Phyllotis magister</i>	Not found north of equator
<i>Phyllomys medius</i>	Not found north of equator
<i>Phyllomys nigrispinus</i>	Not found north of equator
<i>Phyllotis osgoodi</i>	Not found north of equator
<i>Phyllotis osilae</i>	Not found north of equator
<i>Phyllomys pattoni</i>	Not found north of equator
<i>Phyllonycteris poeyi</i>	INCLUDED
<i>Phylloderma stenops</i>	INCLUDED
<i>Phyllomys thomasi</i>	Not found north of equator
<i>Phyllotis wolffsohni</i>	Not found north of equator
<i>Phyllotis xanthopygus</i>	Not found north of equator
<i>Pipistrellus hesperus</i>	INCLUDED
<i>Pithecia aequatorialis</i>	Not found north of equator
<i>Pithecia albicans</i>	Not found north of equator
<i>Pithecia irrorata</i>	Not found north of equator
<i>Pithecia monachus</i>	Less than 20 occurrences
<i>Pithecia pithecia</i>	INCLUDED
<i>Plagiodontia aedium</i>	Less than 20 occurrences
<i>Plagiodontia araeum</i>	Less than 20 occurrences



<i>Plagiodontia ipnaeum</i>	Less than 20 occurrences
<i>Platyrrhinus aurarius</i>	INCLUDED
<i>Platyrrhinus brachycephalus</i>	INCLUDED
<i>Platyrrhinus chocoensis</i>	Less than 20 occurrences
<i>Platyrrhinus dorsalis</i>	INCLUDED
<i>Platalina genovensium</i>	Not found north of equator
<i>Platyrrhinus helleri</i>	INCLUDED
<i>Platyrrhinus infuscus</i>	INCLUDED
<i>Platyrrhinus lineatus</i>	INCLUDED
<i>Platyrrhinus recifinus</i>	INCLUDED
<i>Platyrrhinus umbratus</i>	Less than 20 occurrences
<i>Platyrrhinus vittatus</i>	INCLUDED
<i>Podomys floridanus</i>	Less than 20 occurrences
<i>Podoxymys roraimae</i>	Less than 20 occurrences
<i>Potos flavus</i>	INCLUDED
<i>Priodontes maximus</i>	INCLUDED
<i>Procyon cancrivorus</i>	INCLUDED
<i>Procyon lotor</i>	INCLUDED
<i>Procyon pygmaeus</i>	Less than 20 occurrences
<i>Proechimys breviceauda</i>	Less than 20 occurrences
<i>Proechimys canicollis</i>	Less than 20 occurrences
<i>Proechimys chrysaeolus</i>	Less than 20 occurrences
<i>Proechimys cuvieri</i>	INCLUDED
<i>Proechimys decumanus</i>	Not found north of equator
<i>Proechimys echinothrix</i>	Not found north of equator
<i>Proechimys gardneri</i>	Not found north of equator
<i>Proechimys goeldii</i>	Not found north of equator
<i>Proechimys guairae</i>	INCLUDED
<i>Proechimys guyannensis</i>	INCLUDED
<i>Proechimys hoplomyoides</i>	INCLUDED
<i>Proechimys kulinae</i>	Not found north of equator
<i>Proechimys longicaudatus</i>	Not found north of equator
<i>Proechimys magdalenae</i>	INCLUDED
<i>Proechimys mincae</i>	Less than 20 occurrences
<i>Proechimys oconnelli</i>	Less than 20 occurrences
<i>Proechimys pattoni</i>	Not found north of equator
<i>Proechimys poliopus</i>	Less than 20 occurrences
<i>Proechimys quadruplicatus</i>	Less than 20 occurrences
<i>Proechimys roberti</i>	Not found north of equator
<i>Proechimys semispinosus</i>	Less than 20 occurrences
<i>Proechimys simonsi</i>	Less than 20 occurrences
<i>Proechimys steerei</i>	Not found north of equator
<i>Proechimys trinitatis</i>	Less than 20 occurrences

<i>Proechimys urichi</i>	Less than 20 occurrences
<i>Promops centralis</i>	INCLUDED
<i>Promops nasutus</i>	INCLUDED
<i>Pseudoryzomys simplex</i>	Not found north of equator
<i>Pteronura brasiliensis</i>	INCLUDED
<i>Pteronotus davyi</i>	INCLUDED
<i>Pteronotus gymnonotus</i>	INCLUDED
<i>Pteronotus macleayii</i>	Less than 20 occurrences
<i>Pteronotus parnellii</i>	INCLUDED
<i>Pteronotus personatus</i>	INCLUDED
<i>Pteronotus quadridens</i>	INCLUDED
<i>Pudu mephistophiles</i>	Less than 20 occurrences
<i>Pudu puda</i>	Not found north of equator
<i>Puma concolor</i>	INCLUDED
<i>Puma yagouaroundi</i>	INCLUDED
<i>Punomys kofordi</i>	Not found north of equator
<i>Punomys lemminus</i>	Not found north of equator
<i>Pygoderma bilabiatum</i>	Less than 20 occurrences
<i>Rangifer tarandus</i>	INCLUDED
<i>Reithrodon auritus</i>	Not found north of equator
<i>Reithrodontomys bakeri</i>	Less than 20 occurrences
<i>Reithrodontomys brevirostris</i>	Less than 20 occurrences
<i>Reithrodontomys burti</i>	Less than 20 occurrences
<i>Reithrodontomys chrysopsis</i>	Less than 20 occurrences
<i>Reithrodontomys creper</i>	Less than 20 occurrences
<i>Reithrodontomys darienensis</i>	Less than 20 occurrences
<i>Reithrodontomys fulvescens</i>	INCLUDED
<i>Reithrodontomys gracilis</i>	INCLUDED
<i>Reithrodontomys hirsutus</i>	Less than 20 occurrences
<i>Reithrodontomys humulis</i>	INCLUDED
<i>Reithrodontomys megalotis</i>	INCLUDED
<i>Reithrodontomys mexicanus</i>	INCLUDED
<i>Reithrodontomys microdon</i>	INCLUDED
<i>Reithrodontomys montanus</i>	INCLUDED
<i>Reithrodontomys paradoxus</i>	Less than 20 occurrences
<i>Reithrodontomys raviventris</i>	Less than 20 occurrences
<i>Reithrodontomys rodriguezii</i>	Less than 20 occurrences
<i>Reithrodontomys spectabilis</i>	Less than 20 occurrences
<i>Reithrodontomys sumichrasti</i>	INCLUDED
<i>Reithrodontomys tenuirostris</i>	Less than 20 occurrences
<i>Reithrodontomys zacatecae</i>	INCLUDED
<i>Rhagomys longilingua</i>	Not found north of equator
<i>Rheomys mexicanus</i>	Less than 20 occurrences

<i>Rheomys raptor</i>	Less than 20 occurrences
<i>Rheomys thomasi</i>	Less than 20 occurrences
<i>Rheomys underwoodi</i>	Less than 20 occurrences
<i>Rhinophylla aethina</i>	Less than 20 occurrences
<i>Rhinophylla fischeriae</i>	Less than 20 occurrences
<i>Rhinophylla pumilio</i>	INCLUDED
<i>Rhipidomys austrinus</i>	Not found north of equator
<i>Rhipidomys caucensis</i>	Less than 20 occurrences
<i>Rhipidomys couesi</i>	INCLUDED
<i>Rhipidomys fulviventer</i>	Less than 20 occurrences
<i>Rhipidomys gardneri</i>	Not found north of equator
<i>Rhipidomys latimanus</i>	INCLUDED
<i>Rhipidomys leucodactylus</i>	INCLUDED
<i>Rhipidomys macconnelli</i>	INCLUDED
<i>Rhipidomys mastacalis</i>	Not found north of equator
<i>Rhipidomys nitela</i>	INCLUDED
<i>Rhipidomys ochrogaster</i>	Not found north of equator
<i>Rhipidomys venezuelae</i>	INCLUDED
<i>Rhipidomys venustus</i>	INCLUDED
<i>Rhipidomys wetzeli</i>	INCLUDED
<i>Rhogeessa aeneus</i>	Less than 20 occurrences
<i>Rhogeessa alleni</i>	INCLUDED
<i>Rhogeessa genowaysi</i>	Less than 20 occurrences
<i>Rhogeessa gracilis</i>	INCLUDED
<i>Rhogeessa minutilla</i>	INCLUDED
<i>Rhogeessa mira</i>	Less than 20 occurrences
<i>Rhogeessa parvula</i>	INCLUDED
<i>Rhogeessa tumida</i>	INCLUDED
<i>Rhynchonycteris naso</i>	INCLUDED
<i>Rhyncholestes raphanurus</i>	Not found north of equator
<i>Romerolagus diazi</i>	Less than 20 occurrences
<i>Saccopteryx bilineata</i>	INCLUDED
<i>Saccopteryx canescens</i>	INCLUDED
<i>Saccopteryx gymnura</i>	Less than 20 occurrences
<i>Saccopteryx leptura</i>	INCLUDED
<i>Saguinus bicolor</i>	Not found north of equator
<i>Saguinus fuscicollis</i>	Not found north of equator
<i>Saguinus Geoffroyi</i>	Less than 20 occurrences
<i>Saguinus graellsii</i>	Not found north of equator
<i>Saguinus imperator</i>	Not found north of equator
<i>Saguinus inustus</i>	Less than 20 occurrences
<i>Saguinus labiatus</i>	Not found north of equator
<i>Saguinus leucopus</i>	Less than 20 occurrences

<i>Saguinus martinsi</i>	Not found north of equator
<i>Saguinus midas</i>	INCLUDED
<i>Saguinus mystax</i>	Not found north of equator
<i>Saguinus niger</i>	Not found north of equator
<i>Saguinus nigricollis</i>	Less than 20 occurrences
<i>Saguinus oedipus</i>	Less than 20 occurrences
<i>Saguinus tripartitus</i>	Not found north of equator
<i>Saimiri boliviensis</i>	Not found north of equator
<i>Saimiri oerstedii</i>	Less than 20 occurrences
<i>Saimiri sciureus</i>	INCLUDED
<i>Saimiri ustus</i>	Not found north of equator
<i>Saimiri vanzolinii</i>	Not found north of equator
<i>Salinomys delicatus</i>	Not found north of equator
<i>Salinoctomys</i>	
<i>Ioschalchalersorum</i>	Not found north of equator
<i>Scalopus aquaticus</i>	INCLUDED
<i>Scapteromys aquaticus</i>	Not found north of equator
<i>Scapanus latimanus</i>	INCLUDED
<i>Scapanus orarius</i>	INCLUDED
<i>Scapanus townsendii</i>	INCLUDED
<i>Scapteromys tumidus</i>	Not found north of equator
<i>Sciurus aberti</i>	INCLUDED
<i>Sciurus aestuans</i>	INCLUDED
<i>Sciurus alleni</i>	Less than 20 occurrences
<i>Sciurus arizonensis</i>	Less than 20 occurrences
<i>Sciurus aureogaster</i>	INCLUDED
<i>Sciurus carolinensis</i>	INCLUDED
<i>Sciurus colliaei</i>	INCLUDED
<i>Sciurus deppei</i>	INCLUDED
<i>Sciurus flammifer</i>	INCLUDED
<i>Sciurus gilvicularis</i>	Less than 20 occurrences
<i>Sciurus granatensis</i>	INCLUDED
<i>Sciurus griseus</i>	INCLUDED
<i>Sciurus ignitus</i>	Not found north of equator
<i>Sciurus igniventris</i>	INCLUDED
<i>Sciurus nayaritensis</i>	INCLUDED
<i>Sciurus niger</i>	INCLUDED
<i>Sciurus oculatus</i>	INCLUDED
<i>Sciurus pucheranii</i>	INCLUDED
<i>Sciurillus pusillus</i>	INCLUDED
<i>Sciurus pyrrhinus</i>	Not found north of equator
<i>Sciurus richmondi</i>	Less than 20 occurrences
<i>Sciurus sanborni</i>	Not found north of equator

<i>Sciurus spadiceus</i>	Less than 20 occurrences
<i>Sciurus stramineus</i>	Not found north of equator
<i>Sciurus variegatoides</i>	INCLUDED
<i>Sciurus yucatanensis</i>	INCLUDED
<i>Scleronycteris ega</i>	Less than 20 occurrences
<i>Scolomys melanops</i>	Not found north of equator
<i>Scolomys ucayalensis</i>	Not found north of equator
<i>Scotinomys teguina</i>	INCLUDED
<i>Scotinomys xerampelinus</i>	Less than 20 occurrences
<i>Sigmodontomys alfari</i>	INCLUDED
<i>Sigmodon alleni</i>	INCLUDED
<i>Sigmodon alstoni</i>	INCLUDED
<i>Sigmodontomys aphrastus</i>	Less than 20 occurrences
<i>Sigmodon arizonae</i>	INCLUDED
<i>Sigmodon fulviventer</i>	INCLUDED
<i>Sigmodon hispidus</i>	INCLUDED
<i>Sigmodon inopinatus</i>	Not found north of equator
<i>Sigmodon leucotis</i>	INCLUDED
<i>Sigmodon mascotensis</i>	INCLUDED
<i>Sigmodon ochrognathus</i>	INCLUDED
<i>Sigmodon peruanus</i>	Not found north of equator
<i>Solenodon cubanus</i>	Less than 20 occurrences
<i>Solenodon paradoxus</i>	Less than 20 occurrences
<i>Sorex alaskanus</i>	Less than 20 occurrences
<i>Sorex arcticus</i>	INCLUDED
<i>Sorex arizonae</i>	Less than 20 occurrences
<i>Sorex bairdi</i>	Less than 20 occurrences
<i>Sorex bendirii</i>	INCLUDED
<i>Sorex cinereus</i>	INCLUDED
<i>Sorex dispar</i>	INCLUDED
<i>Sorex emarginatus</i>	Less than 20 occurrences
<i>Sorex fontinalis</i>	Less than 20 occurrences
<i>Sorex fumeus</i>	INCLUDED
<i>Sorex gaspensis</i>	Less than 20 occurrences
<i>Sorex haydeni</i>	INCLUDED
<i>Sorex hoyi</i>	INCLUDED
<i>Sorex longirostris</i>	INCLUDED
<i>Sorex lyelli</i>	Less than 20 occurrences
<i>Sorex macrodon</i>	Less than 20 occurrences
<i>Sorex merriami</i>	INCLUDED
<i>Sorex milleri</i>	Less than 20 occurrences
<i>Sorex monticolus</i>	INCLUDED
<i>Sorex nanus</i>	INCLUDED

<i>Sorex neomexicanus</i>	Less than 20 occurrences
<i>Sorex oreopolus</i>	Less than 20 occurrences
<i>Sorex ornatus</i>	INCLUDED
<i>Sorex pacificus</i>	INCLUDED
<i>Sorex palustris</i>	INCLUDED
<i>Sorex preblei</i>	INCLUDED
<i>Sorex rohweri</i>	Less than 20 occurrences
<i>Sorex saussurei</i>	INCLUDED
<i>Sorex sclateri</i>	Less than 20 occurrences
<i>Sorex sonomae</i>	INCLUDED
<i>Sorex stizodon</i>	Less than 20 occurrences
<i>Sorex tenellus</i>	Less than 20 occurrences
<i>Sorex trowbridgii</i>	INCLUDED
<i>Sorex tundrensis</i>	INCLUDED
<i>Sorex ugyunak</i>	INCLUDED
<i>Sorex vagrans</i>	INCLUDED
<i>Sorex ventralis</i>	INCLUDED
<i>Sorex veraepacis</i>	Less than 20 occurrences
<i>Spalacopus cyanus</i>	Not found north of equator
<i>Speothos venaticus</i>	INCLUDED
<i>Spermophilus adocetus</i>	Less than 20 occurrences
<i>Spermophilus annulatus</i>	Less than 20 occurrences
<i>Spermophilus armatus</i>	INCLUDED
<i>Spermophilus atricapillus</i>	Less than 20 occurrences
<i>Spermophilus beecheyi</i>	INCLUDED
<i>Spermophilus beldingi</i>	INCLUDED
<i>Spermophilus brunneus</i>	Less than 20 occurrences
<i>Spermophilus canus</i>	INCLUDED
<i>Spermophilus columbianus</i>	INCLUDED
<i>Spermophilus elegans</i>	INCLUDED
<i>Spermophilus franklinii</i>	INCLUDED
<i>Spermophilus lateralis</i>	INCLUDED
<i>Spermophilus madrensis</i>	Less than 20 occurrences
<i>Spermophilus mexicanus</i>	INCLUDED
<i>Spermophilus mohavensis</i>	Less than 20 occurrences
<i>Spermophilus mollis</i>	INCLUDED
<i>Spermophilus parryi</i>	INCLUDED
<i>Spermophilus perotensis</i>	Less than 20 occurrences
<i>Spermophilus richardsonii</i>	INCLUDED
<i>Spermophilus saturatus</i>	INCLUDED
<i>Spermophilus spilosoma</i>	INCLUDED
<i>Spermophilus tereticaudus</i>	INCLUDED
<i>Spermophilus townsendii</i>	Less than 20 occurrences

<i>Spermophilus tridecemlineatus</i>	INCLUDED
<i>Spermophilus variegatus</i>	INCLUDED
<i>Spermophilus washingtoni</i>	Less than 20 occurrences
<i>Sphaeronycteris toxophyllum</i>	INCLUDED
<i>Sphiggurus ichillus</i>	Not found north of equator
<i>Sphiggurus insidiosus</i>	Not found north of equator
<i>Sphiggurus melanurus</i>	INCLUDED
<i>Sphiggurus mexicanus</i>	INCLUDED
<i>Sphiggurus pruinosus</i>	INCLUDED
<i>Sphiggurus roosmalenorum</i>	Not found north of equator
<i>Sphiggurus spinosus</i>	Not found north of equator
<i>Sphiggurus vestitus</i>	Less than 20 occurrences
<i>Sphiggurus villosus</i>	Not found north of equator
<i>Spilogale gracilis</i>	INCLUDED
<i>Spilogale putorius</i>	INCLUDED
<i>Spilogale pygmaea</i>	INCLUDED
<i>Stenoderma rufum</i>	Less than 20 occurrences
<i>Sturnira aratathomasi</i>	Less than 20 occurrences
<i>Sturnira bidens</i>	INCLUDED
<i>Sturnira bogotensis</i>	INCLUDED
<i>Sturnira erythromos</i>	INCLUDED
<i>Sturnira koopmanhilli</i>	Less than 20 occurrences
<i>Sturnira liliium</i>	INCLUDED
<i>Sturnira ludovici</i>	INCLUDED
<i>Sturnira luisi</i>	INCLUDED
<i>Sturnira magna</i>	Less than 20 occurrences
<i>Sturnira mordax</i>	Less than 20 occurrences
<i>Sturnira nana</i>	Not found north of equator
<i>Sturnira oporaphilum</i>	Not found north of equator
<i>Sturnira thomasi</i>	Less than 20 occurrences
<i>Sturnira tildae</i>	INCLUDED
<i>Sylvilagus aquaticus</i>	INCLUDED
<i>Sylvilagus audubonii</i>	INCLUDED
<i>Sylvilagus bachmani</i>	INCLUDED
<i>Sylvilagus brasiliensis</i>	INCLUDED
<i>Sylvilagus cognatus</i>	Less than 20 occurrences
<i>Sylvilagus cunicularius</i>	INCLUDED
<i>Sylvilagus dicei</i>	Less than 20 occurrences
<i>Sylvilagus floridanus</i>	INCLUDED
<i>Sylvilagus graysoni</i>	Not found north of equator
<i>Sylvilagus insonus</i>	Less than 20 occurrences
<i>Sylvilagus mansuetus</i>	Less than 20 occurrences
<i>Sylvilagus nuttallii</i>	INCLUDED

<i>Sylvilagus obscurus</i>	INCLUDED
<i>Sylvilagus palustris</i>	INCLUDED
<i>Sylvilagus robustus</i>	Less than 20 occurrences
<i>Sylvilagus transitionalis</i>	INCLUDED
<i>Synaptomys borealis</i>	INCLUDED
<i>Synaptomys cooperi</i>	INCLUDED
<i>Syntheosciurus brochus</i>	Less than 20 occurrences
<i>Tadarida brasiliensis</i>	INCLUDED
<i>Tamandua mexicana</i>	INCLUDED
<i>Tamandua tetradactyla</i>	INCLUDED
<i>Tamiasciurus douglasii</i>	INCLUDED
<i>Tamiasciurus hudsonicus</i>	INCLUDED
<i>Tamiasciurus mearnsi</i>	Less than 20 occurrences
<i>Tamias striatus</i>	INCLUDED
<i>Tapecomys primus</i>	Not found north of equator
<i>Tapirus bairdii</i>	INCLUDED
<i>Tapirus pinchaque</i>	INCLUDED
<i>Tapirus terrestris</i>	INCLUDED
<i>Taxidea taxus</i>	INCLUDED
<i>Tayassu pecari</i>	INCLUDED
<i>Thalpomys cerradensis</i>	Not found north of equator
<i>Thalpomys lasiotis</i>	Not found north of equator
<i>Thaptomys nigrita</i>	Not found north of equator
<i>Thomasomys apeco</i>	Not found north of equator
<i>Thomasomys aureus</i>	INCLUDED
<i>Thomasomys baeops</i>	Not found north of equator
<i>Thomasomys bombycinus</i>	Less than 20 occurrences
<i>Thomomys bottae</i>	INCLUDED
<i>Thomomys bulbivorus</i>	Less than 20 occurrences
<i>Thomasomys cinereiventris</i>	INCLUDED
<i>Thomasomys cinereus</i>	Not found north of equator
<i>Thomomys clusius</i>	Less than 20 occurrences
<i>Thomasomys daphne</i>	Not found north of equator
<i>Thomasomys eleusis</i>	Not found north of equator
<i>Thomasomys erro</i>	Not found north of equator
<i>Thomasomys gracilis</i>	Not found north of equator
<i>Thomasomys hylophilus</i>	INCLUDED
<i>Thomomys idahoensis</i>	INCLUDED
<i>Thomasomys incanus</i>	Not found north of equator
<i>Thomasomys ischyryrus</i>	Not found north of equator
<i>Thomasomys kalinowskii</i>	Not found north of equator
<i>Thomasomys ladewi</i>	Not found north of equator
<i>Thomasomys laniger</i>	INCLUDED



<i>Thomasomys macrotis</i>	Not found north of equator
<i>Thomomys mazama</i>	INCLUDED
<i>Thomasomys monochromos</i>	Less than 20 occurrences
<i>Thomomys monticola</i>	Less than 20 occurrences
<i>Thomasomys niveipes</i>	Less than 20 occurrences
<i>Thomasomys notatus</i>	Not found north of equator
<i>Thomasomys onkiro</i>	Not found north of equator
<i>Thomasomys oreas</i>	Not found north of equator
<i>Thomasomys paramorum</i>	Not found north of equator
<i>Thomasomys pyrrhonotus</i>	Not found north of equator
<i>Thomasomys rhoadsi</i>	Not found north of equator
<i>Thomasomys rosalina</i>	Not found north of equator
<i>Thomasomys silvestris</i>	Not found north of equator
<i>Thomasomys taczanowskii</i>	Not found north of equator
<i>Thomomys talpoides</i>	INCLUDED
<i>Thomomys townsendii</i>	INCLUDED
<i>Thomasomys ucucha</i>	Not found north of equator
<i>Thomomys umbrinus</i>	INCLUDED
<i>Thomasomys vestitus</i>	Less than 20 occurrences
<i>Thrichomys apereoides</i>	Not found north of equator
<i>Thylamys cinderella</i>	Not found north of equator
<i>Thylamys elegans</i>	Not found north of equator
<i>Thylamys macrurus</i>	Not found north of equator
<i>Thylamys pallidior</i>	Not found north of equator
<i>Thylamys pusillus</i>	Not found north of equator
<i>Thylamys tatei</i>	Not found north of equator
<i>Thylamys velutinus</i>	Not found north of equator
<i>Thylamys venustus</i>	Not found north of equator
<i>Thyroptera discifera</i>	INCLUDED
<i>Thyroptera lavalii</i>	Not found north of equator
<i>Thyroptera tricolor</i>	INCLUDED
<i>Tlacuatzin canescens</i>	INCLUDED
<i>Tolypeutes matacus</i>	Not found north of equator
<i>Tolypeutes tricinctus</i>	Not found north of equator
<i>Tomopeas ravus</i>	Not found north of equator
<i>Tonatia bidens</i>	INCLUDED
<i>Tonatia saurophila</i>	INCLUDED
<i>Trachops cirrhosus</i>	INCLUDED
<i>Tremarctos ornatus</i>	INCLUDED
<i>Trinomys albispinus</i>	Not found north of equator
<i>Trinomys dimidiatus</i>	Not found north of equator
<i>Trinomys graciosus</i>	Not found north of equator
<i>Trinomys iheringi</i>	Not found north of equator

<i>Trinomys myosuroides</i>	Not found north of equator
<i>Trinycteris nicefori</i>	INCLUDED
<i>Trinomys paratus</i>	Not found north of equator
<i>Trinomys setosus</i>	Not found north of equator
<i>Tylomys bullaris</i>	Less than 20 occurrences
<i>Tylomys fulviventris</i>	Less than 20 occurrences
<i>Tylomys mirae</i>	INCLUDED
<i>Tylomys nudicaudus</i>	INCLUDED
<i>Tylomys panamensis</i>	Less than 20 occurrences
<i>Tylomys tumbalensis</i>	Less than 20 occurrences
<i>Tylomys watsoni</i>	Less than 20 occurrences
<i>Tympanoctomys barrerae</i>	Not found north of equator
<i>Urocyon cinereoargenteus</i>	INCLUDED
<i>Urocyon littoralis</i>	Less than 20 occurrences
<i>Uroderma bilobatum</i>	INCLUDED
<i>Uroderma magnirostrum</i>	INCLUDED
<i>Ursus americanus</i>	INCLUDED
<i>Ursus arctos</i>	INCLUDED
<i>Vampyriscus bidens</i>	INCLUDED
<i>Vampyriscus brocki</i>	Less than 20 occurrences
<i>Vampyrodes caraccioli</i>	INCLUDED
<i>Vampyressa melissa</i>	INCLUDED
<i>Vampyressa nymphaea</i>	INCLUDED
<i>Vampyressa pusilla</i>	Not found north of equator
<i>Vampyrum spectrum</i>	INCLUDED
<i>Vampyressa thyone</i>	INCLUDED
<i>Vicugna vicugna</i>	Not found north of equator
<i>Vulpes lagopus</i>	INCLUDED
<i>Vulpes macrotis</i>	INCLUDED
<i>Vulpes velox</i>	INCLUDED
<i>Vulpes vulpes</i>	INCLUDED
<i>Wiedomys pyrrhorhinus</i>	Not found north of equator
<i>Wilfredomys oenax</i>	Not found north of equator
<i>Xenomys nelsoni</i>	Less than 20 occurrences
<i>Zaedyus pichiy</i>	Not found north of equator
<i>Zapus hudsonius</i>	INCLUDED
<i>Zapus princeps</i>	INCLUDED
<i>Zapus trinotatus</i>	INCLUDED
<i>Zygodontomys brevicauda</i>	INCLUDED
<i>Zygodontomys brunneus</i>	Less than 20 occurrences
<i>Zygoeomys trichopus</i>	Less than 20 occurrences

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Appendix S1. Sources for the majority of mammal occurrence data downloaded from the Fossilworks database.

X. Wang, R. H. Tedford, and B. E. Taylor. 1999. Phylogenetic systematics of the Borophaginae (Carnivora: Canidae). *Bulletin of the American Museum of Natural History* **243**:1-392 [206 collections, 668 occurrences]

A. F. Pajak, III, E. Scott, and C. J. Bell. 1996. *PaleoBios* **17(2-4)**:28-49 [118 collections, 315 occurrences]

L. M. Abraczinskas. 1993. Pleistocene proboscidean sites in Michigan: New records and an update on published sites. *Michigan Academician* **25(4)**:443-490 [186 collections, 189 occurrences]

J. R. Macdonald. 1970. Review of the Miocene Wounded Knee faunas of southwestern South Dakota. *Bulletin of the Los Angeles County Museum of Natural History, Science* **8**:165-82 [113 collections, 195 occurrences]

M. L. Cassiliano. 1999. Biostratigraphy of Blancan and Irvingtonian mammals in the Fish Creek-Vallecito Creek section, southern California, and a review of the Blancan-Irvingtonian boundary. *Journal of Vertebrate Paleontology* **19(1)**:169-186 [48 collections, 420 occurrences]

C. B. Schultz and C. H. Falkenbach. 1968. *Bulletin of the American Museum of Natural History* **139** [135 collections, 137 occurrences]

X. Wang. 1994. Phylogenetic systematics of the Hesperocyoninae (Carnivora: Canidae). *Bulletin of the American Museum of Natural History* **221**:1-207 [76 collections, 196 occurrences]

M. R. Voorhies. 1990. In T. C. Gustavson (ed.), *Bureau of Economic Geology Guidebook* [18 collections, 683 occurrences]

G. T. James. 1963. Paleontology and nonmarine stratigraphy of the Cuyama Valley badlands, California; Part 1, Geology, faunal interpretations, and systematic descriptions of Chiroptera, Insectivora, and Rodentia. *University of California Publications in Geological Sciences* **45**:1-154 [60 collections, 109 occurrences]

G. T. Jefferson. 1991. A catalogue of late Quaternary vertebrates from California. Part two, mammals. *Natural History Museum of Los Angeles County Technical Report* **7**:1-129 [37 collections, 165 occurrences]

M. F. Skinner, S. M. Skinner, and R. J. Gooris. 1977. Stratigraphy and biostratigraphy of late Cenozoic deposits in central Sioux County, western Nebraska. *Bulletin of the American Museum of Natural History* **158(5)**:263-370 [44 collections, 105 occurrences]

R. Eshelman and F. Grady. 1986. Quaternary vertebrate localities of Virginia and their avian and mammalian fauna. *Virginia Division of Mineral Resources, Publication 75*:43-70 [28 collections, 163 occurrences]

E. H. Lindsay. 1972. Small mammal fossils from the Barstow Formation, California. *University of California Publications in Geological Sciences 93*:1-104 [35 collections, 128 occurrences]

P. R. Bjork. 1970. *Transactions of the American Philosophical Society 60(7)* [56 collections, 79 occurrences]

S. D. Webb. 1974. Chronology of Florida Pleistocene mammals. In S. D. Webb (ed.), *Pleistocene Mammals of Florida* 5-31 [17 collections, 254 occurrences]

J. A. Holman, D. C. Fisher, and R. O. Kapp. 1986. Recent discoveries of fossil vertebrates in the lower peninsula of Michigan. *Michigan Academician 18(3)*:431-463 [56 collections, 60 occurrences]

B. E. Bailey. 2004. Biostratigraphy and biochronology of early Arikareean through late Hemingfordian small mammal faunas from the Nebraska Panhandle and adjacent areas. *Paludicola 4(3)*:81-113 [11 collections, 250 occurrences]

S. D. Webb. 1969. *University of California Publications in Geological Sciences 78* [22 collections, 110 occurrences]

E. H. Lindsay and N. T. Tessman. 1974. *Journal of the Arizona Academy of Sciences 9* [24 collections, 96 occurrences]

G. S. Morgan and R. C. Hulbert, Jr. 1995. *Bulletin of the Florida Museum of Natural History 37(1)* [12 collections, 187 occurrences]